

NPR of AMERICA, INC



1973 ~ 2012

ESTABLISHED: 1973
PRODUCTS: PISTON RINGS, PISTONS
ORGANIZATION: AAIA (Automotive Aftermarket Industry Association)

NPR of AMERICA, INC



1973 ~ 2012

ESTABLISHED: 1973
PRODUCTS: PISTON RINGS, PISTONS
ORGANIZATION: AAIA (Automotive Aftermarket Industry Association)

TABLE OF CONTENTS

NOA YEAR 2012 CATALOG: Index

INTRODUCTION: i ~ xvii

The Most Important Functions of NPR Piston Rings	i
The Quality Advantages of NPR Steel Rings	ii
Piston Ring – Name of Parts	iii
Explanation of NPR Ring set Code	iv ~ vi
Installation Instruction of Oil Rings : Series 777	vii
Installation Instruction of Oil Rings : Series 777, EA Eng.	viii
Installation Instruction of Oil Rings : Series 555	ix
Installation Instruction of Compression Rings	x
End Gap Information	xi ~ xii
Cylinder Honing Information	xiii ~ xiv
Piston Surface Treatment	xv
Abbreviation & Words in this catalog.	xvi
Limited Warranty	xvii
New Item or New Part Number List	xviii ~ xix
Discontinued Item List	xx

US APPLICATION CATALOG: P1 ~ P225

MAIN CATALOG (ENGINE SIZE SEQUENCE):

<u>US APPLICATION</u>	P1
ACURA	P2 ~ P5
AUDI	P6 ~ P13
BMW	P14 ~ P23
BUICK	P98 ~ P153
CADILLAC	P98 ~ P153
CHRYSLER	P24 ~ P63
CHEVROLET	P98 ~ P153
DAEWOO	P64 ~ P65
DAIHATSU	P66 ~ P67
DODGE	P24 ~ P63
EAGLE	P24 ~ P63
FIAT	P68 ~ P69
FORD	P70 ~ P97
GENERAL MOTORS	P98 ~ P153
GEO	P98 ~ P153

NOA YEAR 2012 CATALOG: Index

HONDA	P154 ~ P163
HUMMER	P98 ~ P153
HYUNDAI	P164 ~ P167
INFINITI	P168 ~ P171
ISUZU	P172 ~ P177
JAGUAR	P178 ~ P179
JEEP	P24 ~ P63
KIA	P180 ~ P183
LAND ROVER	P184 ~ P185
LEXUS	P186 ~ P191
LINCOLN	P70 ~ P97
MAYBACH	P192 ~ P193
MAZDA	P194 ~ P203
MERCEDES-BENZ	P204 ~ P215
MERCURY	P70 ~ P97
MERKUR	P70 ~ P97
MINI	P216 ~ P217
MITSUBISHI	P218 ~ P227
NISSAN	P228 ~ P239
OLDSMOBILE	P98 ~ P153
PLYMOUTH	P24 ~ P63
PONTIAC	P98 ~ P153
PORSCHE	P240 ~ P241
SAAB	P242 ~ P243
SATURN	P98 ~ P153
SCION	P244 ~ P245
SMART	P246 ~ P247
SUBARU	P248 ~ P255
SUZUKI	P256 ~ P259
TOYOTA	P260 ~ P273
VOLKSWAGEN	P274 ~ P281
VOLVO	P282 ~ P291

NEW PISTON BUYERS GUIDE: P293 ~ P364

NOA YEAR 2012 CATALOG: Index

FORKLIFT & MEDIUM SIZE DIESEL ENGINES: P367 ~ P402

MAIN CATALOG (ENGINE SIZE SEQUENCE):

CHRYSLER	P368
FORD	P369
GMC	P370
ISUZU	P371 ~ P373
MAZDA	P374 ~ P375
MITSUBISHI	P376 ~ P384
NISSAN	P385 ~ P393
TOYOTA	P394 ~ P402

EXPORT PISTON RING: P405 ~ P523

MAIN CATALOG (ENGINE NUMBER SEQUENCE):

ASIA GASOLINE	P406
ASIA DIESEL	P407
DAEWOO GASOLINE	P408
DAEWOO DIESEL	P409
DAIHATSU GASASOLINE	P410 ~ P411
DAIHATSU DIESEL	P412
HINO DIESEL	P413 ~ P424
HONDA GASOLINE	P425 ~ P431
HYUNDAI GASOLINE	P432 ~ P433
HYUNDAI DIESEL	P434 ~ P435
ISUZU GASOLINE	P436 ~ P438
ISUZU DIESEL	P439 ~ P451
KIA GASOLINE	P452
KIA DIESEL	P453 ~ P454
KOMATSU DIESEL	P455 ~ P458
MAZDA GASOLINE	P459 ~ P463

NOA YEAR 2012 CATALOG: Index

MAZDA DIESEL	P464 ~ P466
MITSUBISHI GASOLINE	P467 ~ P473
MITSUBISHI DIESEL	P474 ~ P483
NISSAN GASOLINE	P484 ~ P493
NISSAN DIESEL	P494 ~ P501
SUBARU GASOLINE	P502 ~ P503
SUZUKI GASOLINE	P504 ~ P506
TOYOTA GASOLINE	P507 ~ P518
TOYOTA DIESEL	P519 ~ P523

EXPORT PISTON : P525 ~ P549

MAIN CATALOG (ENGINE NUMBER SEQUENCE):

DAEWOO GASOLINE	P526
DAIHATSU DIESEL	P527
HINO DIESEL	P528
HONDA GASOLINE	P529
HYUNDAI GASOLINE	P530
HYUNDAI DIESEL	P531
ISUZU GASOLINE	P532
ISUZU DIESEL	P533 ~ P534
KIA GASOLINE	P535
KIA DIESEL	P536
MAZDA GASOLINE	P537
MAZDA DIESEL	P538
MITSUBISHI GASOLINE	P539
MITSUBISHI DIESEL	P540
NISSAN GASOLINE	P541
NISSAN DIESEL	P542 ~ P543
SUZUKI GASOLINE	P544
TOYOTA GASOLINE	P545 ~ P546
TOYOTA DIESEL	P547 ~ P549

NOA YEAR 2012 CATALOG: Index

MEXICO APPLICATION CATALOG: P551 ~ P563

MAIN CATALOG (ENGINE NUMBER SEQUENCE):

CHRYSLER	P552 ~ P553
DODGE	P552 ~ P553
FORD	P554 ~ P555
GMC	P556 ~ P557
HYUNDAI	P556 ~ P557
JEEP	P558 ~ P559
NISSAN	P560 ~ P561
SUZUKI	P560 ~ P561
TOYOTA	P560 ~ P561
VOLKSWAGEN	P562 ~ P563

NPR (Nippon Piston Ring) Piston Rings.

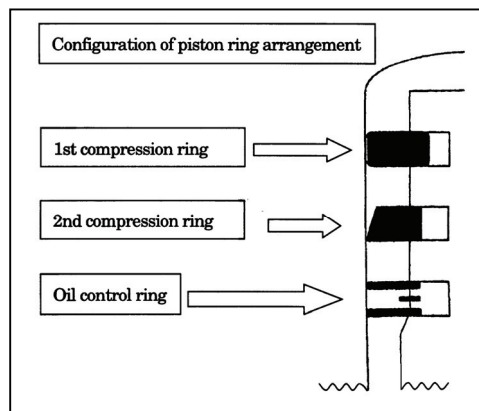
1. The most important functions of NPR Piston Rings.

NPR's most important principles of Piston Rings are:

- a. Function (Reliability).
- b. Reduced Weight.
- c. Low Friction.
- d. Low Production Cost.

Functions of each 1st, 2nd, and Oil Control Rings (please see below figures):

Type \ Function	1st compression ring	2nd compression ring	Oil control ring
Gas seal	⊙	○	—
Oil control	○	⊙	⊙
Heat conduction	⊙	○	—
Bearings	⊙	○	○



1) Gas Seal:

The seal must perform during both the compression stroke and expansion stroke to provide maximum performance. This is best achieved with the proper amount of lubricant oil film on the piston ring cylinder contact point and complete contact of the bottom of the piston ring against the piston groove. Therefore, the proper seal improves performance and decreases oil consumption.

2) Oil Control:

The function of the oil control ring is to assure the proper amount of lubricant film. By providing the correct lubricant film for all piston ring contact points on the cylinder, this will prevent scuffing and excessive wear. However, an excessive amount of lubricant film will force too much oil into the combustion chamber resulting in soot in the exhaust.

3) Heat Conduction:

The function of heat conduction is to allow heat to escape from the piston head to cylinder wall and then to cooling water and/or cooling fins. If the heat is not allowed to decrease, oil temperature will increase. These results in reduced oil viscosity and increased oil consumption.

4) Bearing:

Pistons have reciprocation motion in both expansion and compression strokes. Because of this the piston exerts a higher pressure against one side of the cylinder wall during the expansion stroke. The piston ring assures a proper clearance between the piston and the cylinder wall while maintaining complete contact around the entire circumference of the cylinder wall. This prevents both gas blow by and piston scoring.

2. The quality advantages of NPR Steel Rings.

NPR's unrivaled Piston Rings and Pistons will satisfy the needs of today's higher performance engine. All Piston Rings and Pistons listed in this catalog are the results of our hard bench engine tests taking into consideration material composition and surface treatment design. These tests on actual engines were conducted with the cooperation of the automobile manufacturer to assure a proper match to your engine's specifications.

Material – Steel vs. Cast Iron vs. Ductile Iron.

Today's modern engines have higher operating temperatures, higher compression, higher stress and higher restrictions on emissions. These conditions have put greater demands on piston rings. Steel rings outperform their cast iron predecessors in reduced oil consumption, reduced blow by, reduced wear, reduced breakage, and reduced friction.

Oil consumption

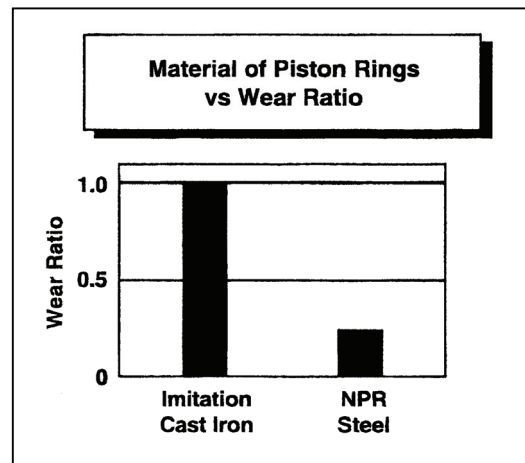
Steel piston rings allow for a reduction in the radial wall thickness. This (thinner) and lighter design seals more completely against the ring groove. Also, the steel ring with greater strength, reduced width conforms better to less than perfect cylinder bores. These two advantages reduce oil consumption by more than 30%.

Durability of Steel

The inherent strength of high alloy steel dramatically reduces the chance of ring breakage. Late model engines have reduced their ring thickness from 2.0 to 1.2 and 1.0 mm. Steel also provides for longer service life because ring wear is reduced by over 60%. Simply stated steel rings last 50% longer.

Steel Piston Rings

- Advantages:** Higher tensile strength.
Higher yield strength.
Greater fatigue life.
Greater hardness.
Lower ring mass.
- Benefits:** Better stress resistance.
Reduced rings side wear.
Reduced grooves pound out.
Longer service life.
Better conformability.
Superior oil economy.
Superior blow-by control.
Lower friction.



Surface Treatment

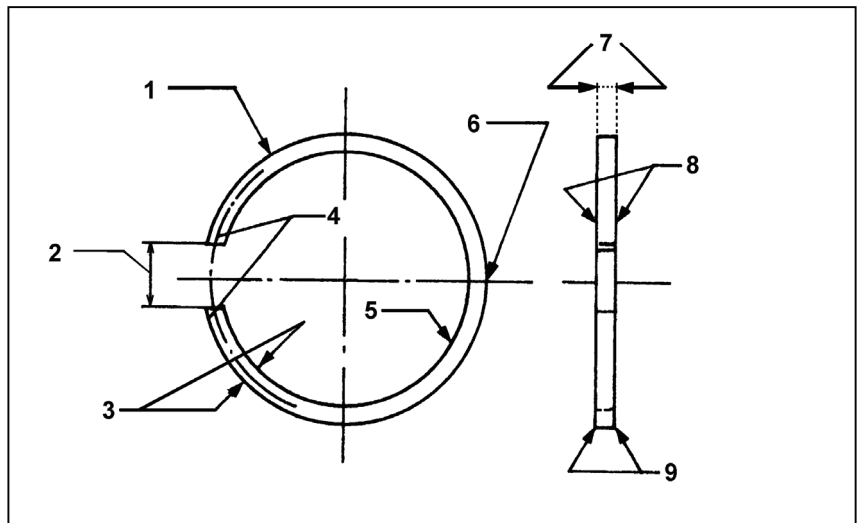
NPR's surface treatment is also very high quality, and the result of our technology. The chart below shows surface treatment comparison.

Surface Treatment	Anti Scuffing	Anti Wearing	Anti Damage to other parts.	Anti Corrosion	Cost
Chrome	Good	Good	Good	Good	Very Good
Moly	Good	Poor	Very Poor	Poor	Good
Gas Nitride	Good	Very Good	Very Good	Very Good	Good
PVD	Excellent	Excellent	Excellent	Excellent	High

3. Piston Ring – Name of Parts

Free (Unstressed) Ring

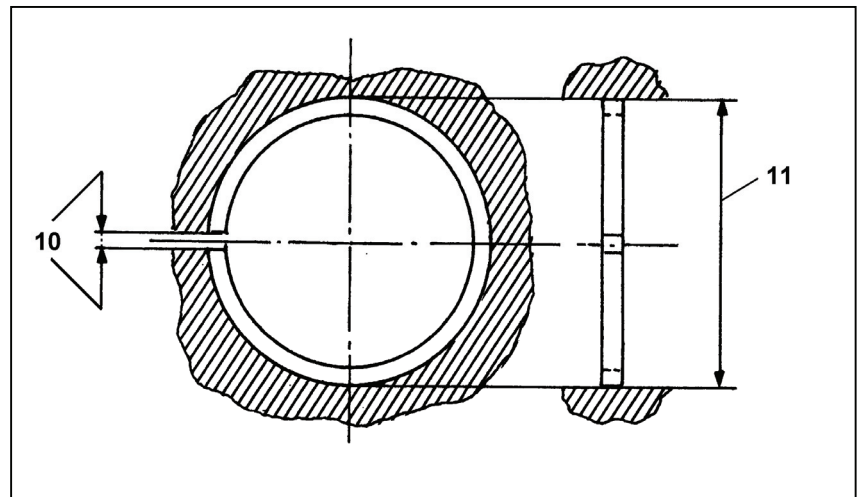
1. Ring face or Periphery.
2. Total free gap (m).
3. T: Radial wall thickness (ai).
4. Butt ends.
5. Inside Surface.
6. Back of the ring.
7. B: Ring width (h1)
8. Side Face.
9. Peripheral edges.



Closed Gap

10. Closed gap (S1).
11. Cylinder Bore (H).
Nominal ring diameter (d1).

Symbols in () are as given in :
ISO6621/1
SAE J1588
JIS B 8032



Recommended Closed Ring Gap

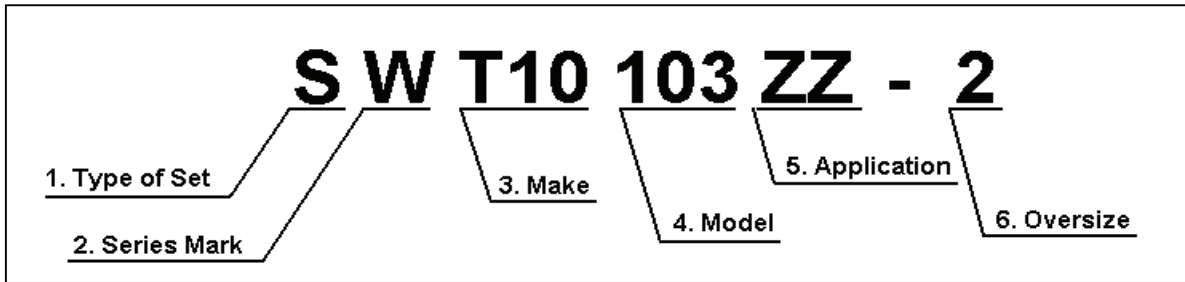
NPR generally manufactures its rings to meet the JIS (Japanese Industrial Standard) B8032-6-1998. It is important to recognize that some end gaps for individual engines may vary from this standard because of the original engine manufacturer's requirements. The table appearing below is for reference only. All sizes are in millimeters. See page #xi for more information.

Recomendacion De Cierre Del Espacio Final Del Anillo (End Gap)

NPR generalmente fabrica sus anillos para piston siempre siguiendo las normas del FIS (El estandar industrial Japonés) B8032-6-1998. Es importante reconocer que en algunos motores, el espacio final del anillo puede variar del JIS a causa de los requerimientos del fabricante. La tabla que aparece debajo es de referencia solamente. Todas las medidas son en milímetros.

Cylinder Bore Size	Compression Ring Gap	2pc. Oil Ring Gap	3pc. Oil Ring Gap
40.00 ~ 59.00	0.15 ~ 0.35	0.15 ~ 0.35	-
60.00 ~ 74.00	0.20 ~ 0.40	0.20 ~ 0.40	0.20 ~ 0.95
75.00 ~ 89.00	0.25 ~ 0.50	0.25 ~ 0.50	0.25 ~ 1.00
90.00 ~ 109.00	0.30 ~ 0.55	0.30 ~ 0.50	0.30 ~ 1.05
110.00 ~ 120.00	0.35 ~ 0.60	0.35 ~ 0.60	0.35 ~ 1.10

4. Explanation of NPR Ring set Code.



1) Type of Set.

S: Eleven digits code started with S represents a complete set of piston rings for an engine model S assigned by Make and Model codes. For instance, TOYOTA 22RE (4 cylinder) has been assigned as T10103. In this case, SWT10103ZZ-2 represents four sets of each 1st, 2nd, and oil rings.

Y: Eleven digits code started with Y represents only one cylinder set of piston ring. In case of TOYOTA 22RE, YWT10103ZZ-2 represents one set of 1st, 2nd, and oil rings.

Note: NPR has both engine set (S-) and cylinder set (Y-) code in the same Make, Model and Application for some makes (HONDA / ISUZU / SUZUKI / YAMAHA etc.).

Note 2: Since a cylinder set code (Y-) represents a piston ring set for only one cylinder, an engine requires a cylinder set multiplied by the number of cylinders of the engine.

2) Series Marks

Series Mark	Series #	Series Mark	Series #
A	100	L	100X
B	300	M	300X
C	500	N	500X
D	555	R	Mt.100X
F	Mt.100	S	Mt.300X
G	Mt.300	T	Mt.500X
H	Mt.500	W	777
J	Mt.555	X	Mt.777

US Application

Most of Piston Rings for Gas Engine : Mt.777 or 777.

Most of Piston Rings for Diesel Engine : Mt.555 or 555.

Export Piston Rings

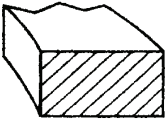
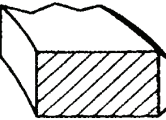
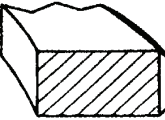
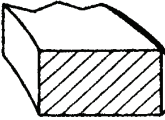
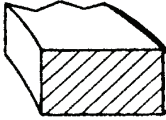
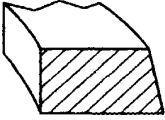
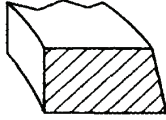
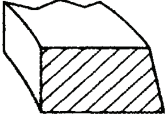
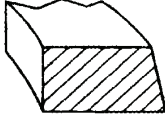
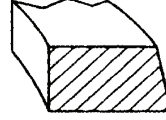
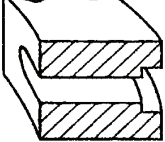
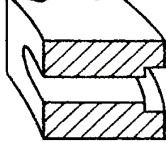
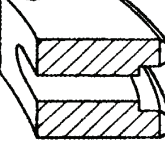
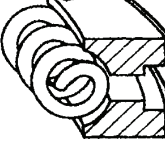
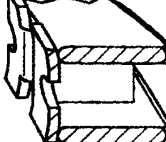
There are varieties of Piston Ring Series. Please see above.

Important Note!

From time to time the surface treatment specifications may be changed. Contact NPR, if you have questions on individual engine applications.

Explanation of Series

There are various combinations of piston rings to make the set suitable to the engine. Using a ring set containing three rings per cylinder, we explain our basic Series #'s as under:

Series #	100	300	500	555	777
Top Ring					
2nd Ring					
Oil Ring					
Feature	Ring set without Chrome Plating.	1st Ring is Chrome Plated.	1st Ring and Oil Ring are Chrome Plated.	This ring set employs Dieselelex ring (incorporating a coil expander) as the oil control ring.	This ring set employs Nifflex ring (Consisting of combination of three pieces) as the oil control ring.

Mt. : Top and bottom sides of the ring are Chrome Plated.

X : Plate expander is coupled with oil control ring.

Important Note!

Diesel Ring 555 Series:

Because Diesel Cylinders may have different inside Cylinder wall surfaces, NPR ring surface treatments on Top and Oil Control Ring will change:

Ring Type

Surface Treatment

555

Chrome on outside contact surface.

Mt.555

Chrome on Top, Bottom and Outside contact surface. There may be Chrome on the inside surface depending on individual application.

Mt.555F

Chrome on Top and Bottom surfaces, but no Chrome on outside contact surfaces. Typically used in Chromard Liner applications.

From time to time the surface treatment specifications may be changed. Contact NPR, if you have questions on individual engine applications.

3) **Make (Bold – New Part # Style)**

<u>Code</u>	<u>Make</u>
A10	ASIA
C10	CHRYSLER
D10	DAIHATSU
D20	DAWEOO
E10	EUROPAN APPLICATION
F30	FORD
F20	SUBARU
G10	GMC
G30	HYUNDAI
H20	HINO
H30	ACURA, HONDA
I10	ISUZU, (GM, CHEVROLET, GEO)
K02	KOMATSU
K30	KIA
M30	MITSUBISHI, (CHRYSLER, DODGE, EAGLE, PLYMOUTH, HYUNDAI)
M31	HYUNDAI, MAZDA, MITSUBISHI
N30	INFINITI, NISSAN, (FORD MERCURY)
N31	NISSAN DIESEL
S20	SUZUKI, (GM, CHEVROLET, GEO)
T10	LEXUS, TOYOTA, (GM, CHEVROLET, GEO)
T20	KIA, MAZDA (FORD, MERCURY)

NOTE:

EXPLANATION OF MAKES IN PARENTHESIS ()

When engines are out-sourced, you may find some set codes which have a make code assigned for an engine manufacturer other than the vehicle manufacturer (For example: SWM31047 is used for Chrysler engine).

4) **Model**

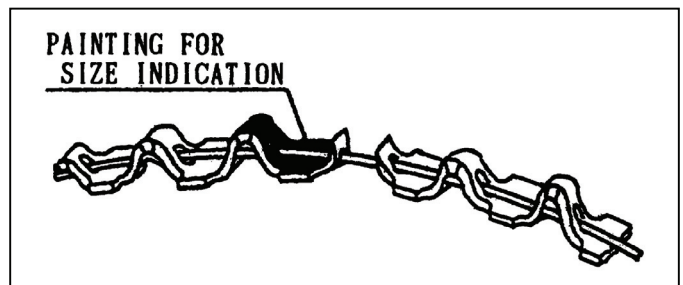
A three digit number is uniquely assigned by an engine model connected with a make code.

5) **Serial Code for Application**

Assigned by engineer.

6) **Oversize Code**

0:	Standard.	No Color
1:	Oversize (0.25mm).	White
2:	Oversize (0.50mm).	Blue
3:	Oversize (0.75mm).	Black
4:	Oversize (1.00mm).	Yellow
5:	Oversize (1.25mm).	Orange
6:	Oversize (1.50mm).	Green



* Indication is only for **Nifflex** type expander rings. *

* Please note that there may be some exceptions for this color code depending on the original manufacturers requirement. *

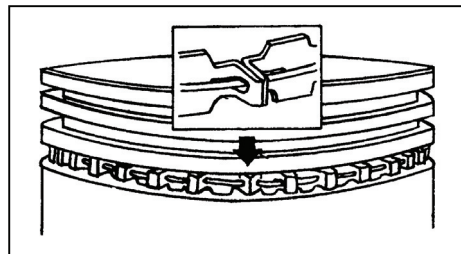
Installation Instruction of Oil Rings. (Instalacion del Anillo de Control de Aceite)



1. Series 777 Oil Rings. (Anillo de Aceite Serie 777)

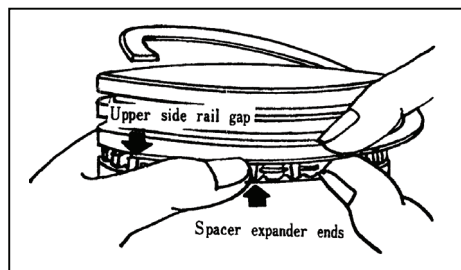
Fit the spacer expander into the ring groove, and ensure that the ends are butting as shown in the illustration.

Acomodar el espaciador dentro de la ranura y asegurarse que las orillas se lleguen a juntar, sin encimarse. Como se muestra en la ilustracion donde las orillas del espaciador se juntan.



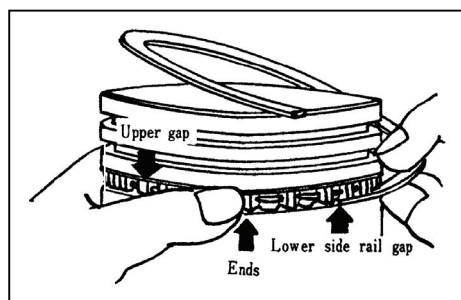
Hold with thumb the spacer expander with its ends completely butting. Install the upper side rail with its gap approximately 45 Degree left of Spacer Expander end.

Con el dedo pulgar sostener el espaciador donde se juntan ambas orillas. Instalar primero la lamina o riel superior con una distancia de una pulgada o' 45 grados a la izquierda donde se juntaron las orillas del espaciador.



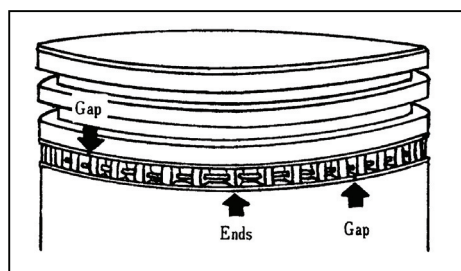
Install the lower side rail with its gap approximately 45 Degree right of the expander ends.

Posteriormente de la misma manera a como se menciona anteriormente se instala la lamina o riel inferior con una distancia de una pulgada o' 45 grados hacia la derecha de donde se juntaron las orillas del espaciador.



If you have followed these instructions, this ring will Be installed as illustrated on the right. Make sure each gap is located as illustration to the right demonstrates.

Si usted ha seguido estas instrucciones como la ilustracion que aparece de lado derecho. Tiene que asegurarse que los huecos (Gap) sean colocados como se muestra en el dibujo.



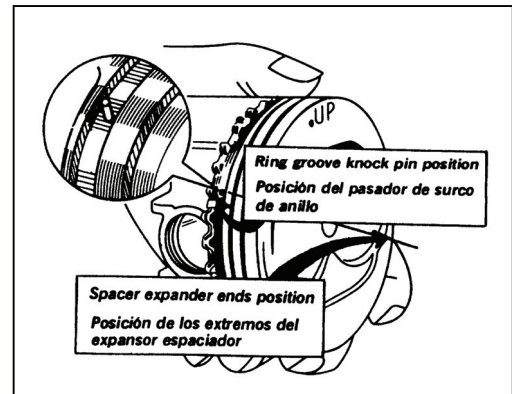
Installation Instruction of Oil Rings. (Instalacion del Anillo de Control de Aceite.)



2. Series 777 Oil Rings for Subaru EA Engine. (Serie 777 Anillo de Control de Aceite para Subaru Tipo de Maquina EA.)

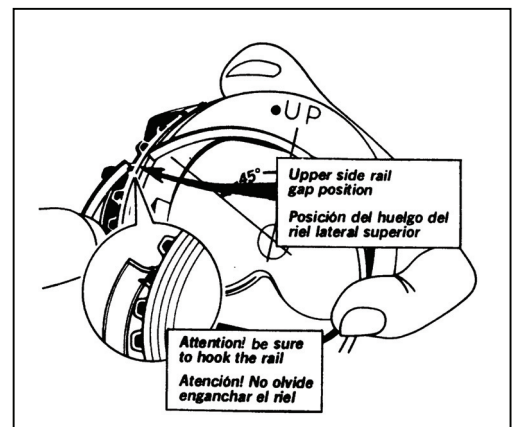
In EA Engine pistons, there is a knock pin in the oil ring groove. Install the spacer expander around the whole piston perimeter, placing its ends approximately 180 Degree from the knock pin.

Los pistones del motor EA tienen un pasador en el Surco del anillo aceitador. Instale el expansor Espaciador alrededor del perimetro total del piston, Ubicando sus extremos a unos 180 Grado de dicho pasador.



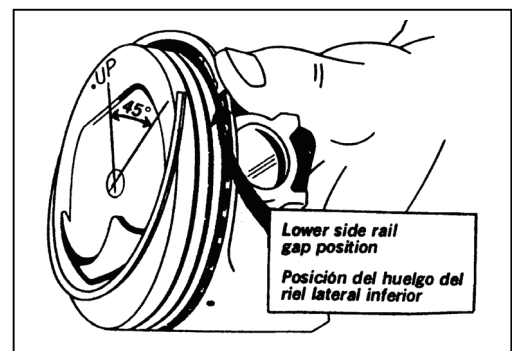
One of the two side rails has one of its ends slightly bent. Hook the bent part into the spacer expander, at a point located approximately 45 Degree left of the piston head "UP" mark, then install the rail around the whole piston perimeter (see figure).

Uno de los dos rieles laterales tiene uno de sus extremos ligeramente doblado. Enganche esta parte doblada en el expansor espaciador, en un punto ubicado a unos 45 Grado a la izquierda de la marca "UP" grabada en la cabeza del piston, e instale el riel alrededor del perimetro total del piston (ver figura).



Install the lower side rail with its gap approximately 45 Degree right of the piston head "UP" mark.

Instale el riel lateral inferior con su hueco ubicado a unos 45 Grado a la derecha de la marca "UP" grabada en la cabeza del piston.



Installation Instruction of Oil Rings.

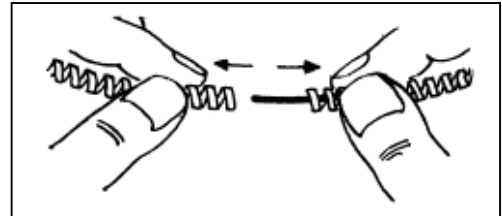
(Instrucciones para Instalar el Anillo De Control de Aceite.)



3. Series 555 Oil Rings. (Anillo de Aceite Serie 555)

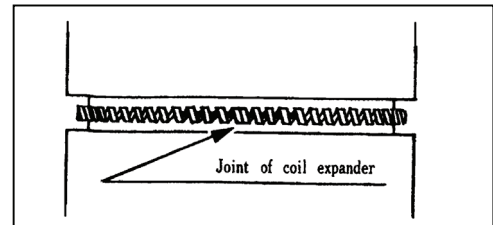
First, disconnect the joint of coil expander.

Primero, desconectar el alambriillo en forma de espiral del espaciador.



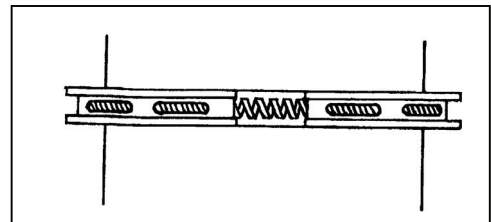
Next, encircle the 1st oil ring groove with coil expander and joint the ends of coil expander again.

Despues, instale el alambriillo en forma de espiral dentro de la ranura del piston en la ranura correspondiente y cerrar el circulo.



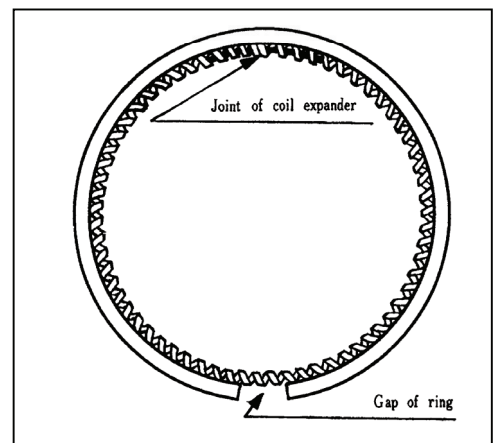
Last, install the ring outside of coil expander.
(Please use Piston Ring Installation Tool).

Finalmente, instalar el espaciador por fuera del alambriillo en forma de espiral.



The end of the ring must be placed on the opposite side of the joint of the coil expander.

Las orillas del anillo deben de ser colocadas del lado opuesto a la union del alambriillo en forma de espiral.

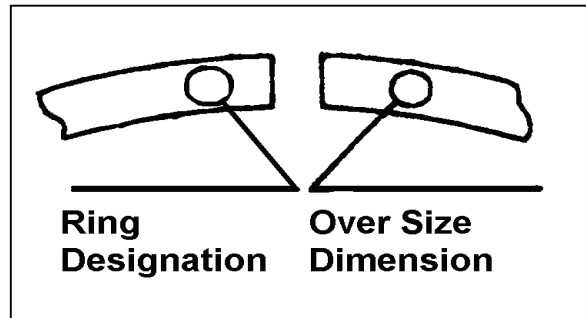


Installation Instruction of Compression Rings.



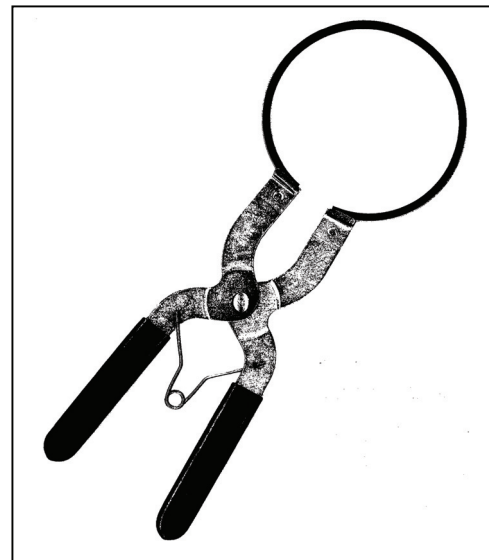
“N” or Number is facing upward when installed on the piston.

Siempre hay que asegurarse que al instalar el anillo de compresion para la primera ranura del piston, este debera notarse que la **N** y el numero **1** deberan estar siempre hacia arriba dentro la primera ranura del piston.



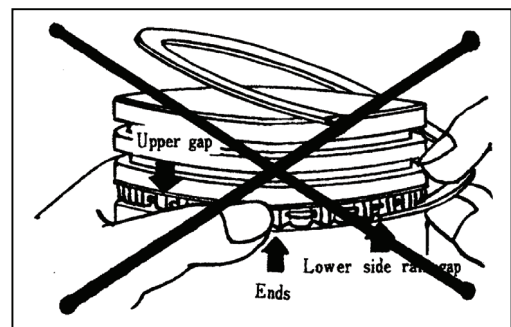
Use Piston Ring tool to expand the end gap. Then install 2nd and Top ring to Piston Ring Groove.

Siempre es recomendable usar herramienta especial, como Ensanchadores del Anillo de Piston. Para el segundo anillo de compresion se usa el mismo procedimiento del primer anillo de compresion, pero en este hay que notar que el numero **2** y la letra **N**, deberan estar siempre hacia arriba dentro de la segunda ranura del piston.



Do not install compression rings like rail rings.

Nunca hay que instalar los anillos de compresion de la misma manera que se instalan los anillos de control de aceite (rieles o laminas).



Piston Ring End Gaps / ABERTURA DE LUZ PARA ANILLOS

In the last 10 – 15 years engine and piston ring manufacturers have changed the dimensions of the TOP and second ring gaps. The general trend has been to reduce the top ring and enlarge the second ring gap.

The primary reason for this change was to reduce oil consumption in engines with low tension rings.

En los últimos 10 – 15 años los fabricantes de anillos para pistón han cambiado las dimensiones de abertura de luz para el primer y Segundo anillo. La tendencia general ha sido reducir la abertura de luz en la primera ranura y ampliar la Segunda ranura.

La principal razón de este cambio es reducir el consumo de aceite en máquinas con anillos de baja tensión.

This change in end gaps reduces oil consumption in two ways:

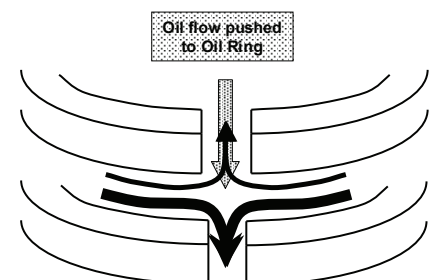
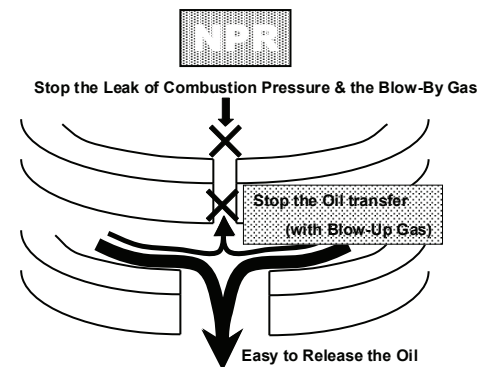
Este cambio en la abertura de luz reduce el consumo de aceite de dos maneras:

1. The reduced top ring gap helps reduce the flow of oil vapor from below the top ring to the combustion chamber (see “X” in diagram right)

El diseño de la abertura de luz en la primera ranura ayuda a reducir el flujo de vapor de aceite por debajo del anillo de la primera ranura a la cámara de combustión(vease “ X “ en el diagrama derecho) .

2. The enlarged second ring gap causes the pressure between the second and oil ring to be less than the pressure between the first and second ring. By doing so this creates a downward “pull” for the oil vapors to escape through the enlarged second ring gap down and through the oil holes in the oil ring piston groove (See the diagram right). A second advantage to this is that it will allow the top ring to seat better against the bottom of the piston ring groove, which will also reduce oil consumption.

En el Segundo anillo la abertura de luz es mas grande que el primer anillo causando que la presión de aceite entre el primer anillo y el Segundo sea menor. Haciendo esto se crea un “ tiron hacia abajo “ para que los vapores del aceite se escapen a través de la abertura del Segundo anillo alargada y a través de los agujeros del aceite en el surco del pistón del anillo de aceite (Ver diagrama derecho). Una Segunda ventaja a esto es que permitira que el primer anillo asiente mejor contra el fondo del surco del pistón, que reducira tambien el consumo de aceite.



- CONTINUE

To use one standard for all end gaps is no longer correct. The correct end gap for each engine depends on many factors including tension, ring material, ring shape, piston shape and combustion pressure. As examples listed below are the correct end gaps for today's more popular engines:

Para utilizar un estandar para todas las aberturas de luz, no es correcto, La medida correcta por cada motor depende de Muchos factores incluyendo la tension, el material del anillo, la forma del anillo, la forma del piston y la presion del combustible. A continuacion mostraremos unos ejemplos de abertura de luz actualizados para las motores mas populares de hoy:

<i>Engine</i>	<i>Ring#</i>	<i>Top Ring Gap</i>	<i>2nd Ring Gap</i>
Isuzu 4ZDI	SWI10123	0.35-0.55mm	0.35-0.55mm
Isuzu 4ZEI	SWI10162	0.20-0.40mm	0.30-0.50mm
Mitsubishi G15B	SWM31063	0.20-0.40mm	0.20-0.40mm
Nissan E16	SWN30057	0.20-0.30mm	0.15-0.25mm
Nissan Z24	SWN30085	0.30-0.50mm	0.55-0.70mm
Suzuki G13A	SWS20141	0.15-0.35mm	0.20-0.40mm
Suzuki G13BA	SWS20143	0.20-0.40mm	0.20-0.40mm
Toyota 22R	SXT10077	0.22-0.40mm	0.18-0.33mm
Toyota 22R	SWT10103	0.25-0.45mm	0.60-0.75mm
Toyota 3E	SWT10143	0.25-0.45mm	0.15-0.30mm
Toyota 4AF	SWT10142	0.20-0.35mm	0.35-0.55mm
Toyota 4AL	SWT10108	0.20-0.35mm	0.15-0.30mm

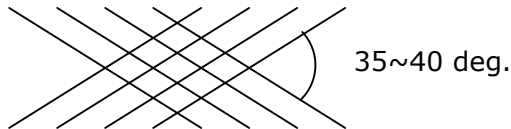
NPR manufacturers each piston ring gap with the correct OEM specification for each individual engine. There is no need, nor do we recommend that you alter them in anyway as this might void our warranty. Also note these end gaps are set at exact bore dimensions. If the bore is slightly oversize (for example 92.52mm instead of 92.50mm) then the end gap will increase accordingly.

NPR fabrica sus anillos con la especificacion correcta de OEM(Equipo Original) para cada motor individual y es ello que la abertura de luz es diferente de un motor a otro aunque tengan el mismo diametro. Por lo tanto no hay necesidad, ni recomendamos que usted los altere, haciendo esto puede anular la garantia del producto. Tambien notese que la abertura de luz en nuestros anillos estan diseñados exactamente a la medida del diametro interno del cilindro.. Por ejemplo si el diametro es levemente fuera de sobre medida(Ejemplo: 92.52mm en lugar de 92.50mm) la abertura de luz se incrementara por consiguiente. Finalmente siempre instale anillos NPR, los mejores del mundo.

Cylinder Honing Recommendation

For use with our piston rings we recommend a Plateau Honing with a Cylinder Bore cross hatch angle of 35 – 40 degrees.

Para el uso de nuestros anillos nosotros recomendamos una meseta que afila con piedra Con una angulo de trampa de cruz de 35- 40 grados (Cross Hatch)



For NPR Piston Rings we recommend a roughness of:

NPR recomienda para sus anillos , una aspereza de :

$R_z = 59 - 138 \mu \text{ in } [= 1.5 - 3.5 \mu \text{m}]$ or

$R_a = 15 - 35 \mu \text{ in } [= 0.4 - 0.9 \mu \text{m}]$

To reach this roughness the manufacturers of honing machines & accessories recommend to use for a gray cast iron engine block

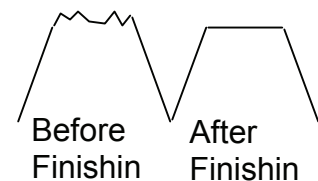
- Conventional stones #220 - #280 grit or
- Diamond stones #325 - #550 grit

Para alcanzar esta aspereza los fabricantes de maquinas de afilado y accesorios relacionados a la rectificacion de motores recomiendan usar para bloques de motor de hierro fundido grisaceo lo siguiente:

- Piedra convencional # 220 - # 280 o
- Piedra con diamante # 325 - # 550

After honing with either conventional or diamond stone, the same manufacturers suggest to finish your honing by smoothing the surface with a fine grit conventional abrasive (#400 - #600 grit) or to sweep the bores with a flexible brush or a nylon bristle plateau honing tool. This is necessary to get rid of jagged peaks and folded & torn material.

Despues del afilado convencional o si se uso la piedra con diamante, los mismos fabricantes sugieren para darle terminado final deben de hacer un afilado para suavizar la superficie con un abrasivo convencional (400- # 600) O cepillandolo con uno de nylon flexible. Esto es necesario para eliminar los picos dentados y de material doblado o rasgado.



- CONTINUE

Important Note –

Be sure to reconfirm with your honing equipment manufacturer that the recommended stone grit will produce our R_z and R_a roughness recommendations.

Nota Importante.

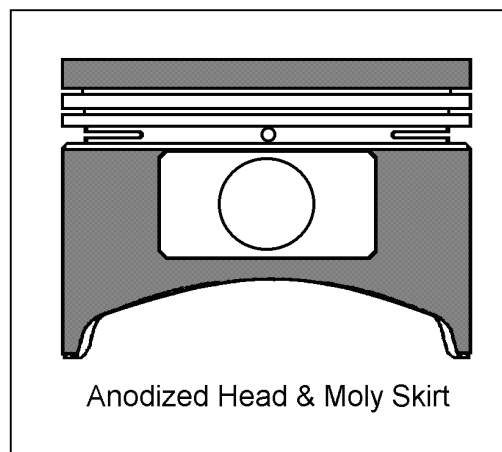
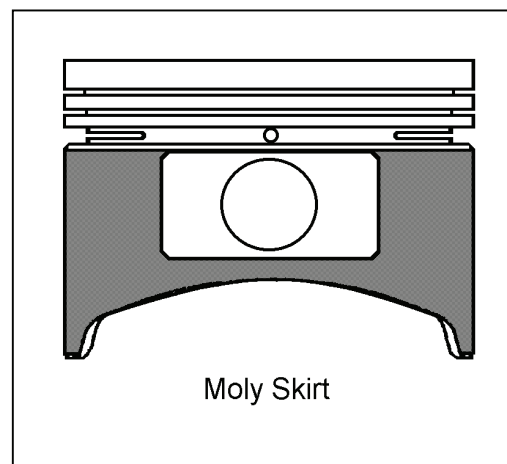
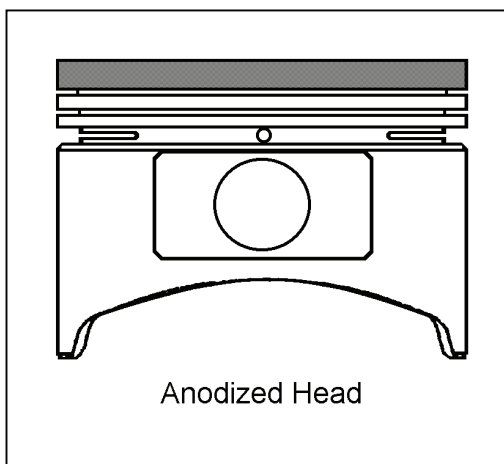
Estar seguro de reconfirmar con el fabricante del equipo de afilado que los granos de arena recomendados de piedra produzcan nuestro RZ y las recomendaciones de aspereza de RA

PISTON SURFACE TREATMENT

TRATAMIENTO SUPERFICIAL DEL PISTON

Pistons from many late model engines have added piston skirt coatings to reduce friction and cylinder wall clearance. Anodized piston heads to deflect heat are also becoming more common. Whenever original equipment pistons have these surface treatments for a specific application, NPR pistons will also have moly skirts and/or anodized heads. It is important to note that pistons with moly skirts require tighter cylinder wall clearances. Please refer to the piston “Piston Buyers Guide” beginning on page 267 for specific cylinder wall recommendations for each piston part number.

Pistones de modelos recientes han agregado capas a la falda del piston para reducir la friccion y la holgura de la pared del cilindro. Pistones con cabeza anodizado para disipar el calor tambien estan siendo mas comunes. Cuando el piston de equipo original tenga este tipo de tratamientos para una aplicacion en especifico, los pistones de NPR tambien tendran faldas de molibdeno y/o cabezas anodizadas. Es importante resaltar que pistones con faldas de molibdeno requieren una holgura mas apretada en la pared del cilindro. Por favor de referirse a la seccion “Piston Buyers Guide” iniciando en la pagina 267 Para recomendaciones especificas de la pared del cilindro para cada numero de piston en especifico.



Abbreviation & Words on this catalog.

1 Cyl Pkg	1 Cylinder Package.
1 Cyl Set	1 Cylinder is 1 Engine Set.
1 st Cr Plt	1 st ring is Chrome Plated.
1 st -Plt	1 st ring is Plated.
1 st -Steel	1 st ring is Steel.
1 st -GN	1 st ring is Gas Nitrided.
1 st -HKS	1 st ring is Half Keystone.
1 st -IB	1 st ring is Inner bevel.
1 st -KS	1 st ring is Keystone.
1 st -KSGN	1 st ring is Keystone & Gas Nitrided.
1 st -SPRYD	1 st ring is Sprayed
2 nd ESTUC	2 nd ring is Effective Seal Taper Under Cut.
2 nd ESUC	2 nd ring is Effective Seal Under Cut.
2 nd -IC	2 nd ring is Inner Cut.
2 nd -HKS	2 nd ring is Half Keystone.
2 nd -Plt	2 nd ring is Plated.
4WD	Four Wheel Drive.
All Plt	All Surface are Plated.
C & F	Engine is Carburetor or Fuel Injection.
CALIF. E.C.S.	California Emission Control System.
CARB.	Carburetor Engine.
CYL #1, 3	For Cylinders 1 and 3 only.
CYL #1,3,5	For Cylinders 1, 3 and 5 only.
CYL #2, 4	For Cylinders 2 and 4 only.
CYL #2,4,6	For Cylinders 2, 4, and 6 only.
D.O.H.C	Dual Over Head Cam.
Diesel	Diesel Engine.
F.I.	Fuel Injection Engine.
F.W.D	Front Wheel Drive.
FRONT	Front side of engine bank only.
FUEL Pkg	Fuel Package.
Left	Left-hand side of engine bank only.
O1	Oil Control Ring #1
O2	Oil Control Ring #2
O.H.V.	Over Head Valve.
R.W.D.	Rear Wheel Drive.
Right	Right hand side of engine bank only.
S.O.H.C.	Single Over Head Cam
TBA	To Be Announced
W/	With.
W/o	Without.
(Forklift)	This Piston Ring is used for Forklift engine, too.

Limited Warranty

1. NPR of AMERICA, Inc. warrants to the original owner that all engine products sold are free from any defects in material or workmanship for a period of 5 years or 60,000 miles from the date of purchase, whichever occurs first, subject to the following conditions:
 - a) NPR of America, Inc. warranty is only valid when NPR engine products are sold and installed as sets.
 - b) NPR of AMERICA, LLC disclaims all warranties, express or implied unless the customer receives authorization from NPR of AMERICA, LLC
 - c) Subject to the provisions of subparagraph (d), NPR of AMERICA, LLC. shall, at its option, repair or replace any parts within the warranty term. Authorized repairs will be paid at the Mitchell Labor Estimating Guide rate of \$20.00 (Twenty Dollars) per hour or 3 (Three) times the purchase cost of the failed part, whichever is the least.
 - d) This warranty shall not apply to or include any of the following:
 - I) Repair or replacement following any accident, misuse, collision, upset or comprehensive insurance claim.
 - II) Any parts that have been subjected to speed trials, racing, competition time trials, and commercial application or off road use.
 - III) Any parts that have been modified or altered or to which a device or accessory not recommended by the **original manufacturer has been installed.**
 - e) To the extent permitted by the law, the parties agree that this warranty shall be IN LIEU OF WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No dealer, or any agent or employee thereof, is authorized to extend or enlarge this warranty. ANY STATEMENTS BY SUCH DEALERS, AGENTS OR EMPLOYEES DO NOT CONSTITUTE WARRANTIES, shall not be relied on by the buyer and are not part of the contract for sale. If notwithstanding this paragraph, a warranty is implied by law, such warranties shall be limited to the duration of this written warranty as set out in paragraph 1 above. Some states do not allow limitations on implied warranties, so the above limitation may not apply to you. Warranty shall cover the cost of the failed part, and not the replacement cost of the said part.
2. LIMITED LIABILITY: As stated previously, the liability of NPR of AMERICA, Inc. under this WARRANTY IS LIMITED SOLELY TO THE REPAIR OR REPLACEMENT OF DEFECTIVE PARTS OR WORKMANSHIP subject to the conditions described elsewhere within this warranty. NPR of AMERICA, Inc. SHALL NOT BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL, or EXEMPLARY DAMAGES, or for any service not expressly provided for, relating to the use from NPR of AMERICA, Inc. products. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you special legal rights that vary from state to state.

DISCLAIMER

NPR of AMERICA, LLC. specifically disclaims any and all liability arising from errors, omissions, or harm resulting from the information shown in this catalog.

© 2012 Copyright

All rights reserved. No part of this catalog may be reproduced or used in whole or in part without the written consent of NPR of AMERICA, LLC

NEW ITEM or NEW PART NUMBER LIST



© 2012 NPR of America, Inc.

MANUFACTURER NAME	OLD PART NUMBER	NEW ITEM or NEW PART NUMBER	CYL #	MEMO
ACURA		SDH30469	V6	NEW ITEM
AUDI & VOLKSWAGEN		SDE50804	4	NEW ITEM
BMW		SWE07406	6	NEW ITEM
CHRYSLER		SDE10895	5	NEW ITEM
		SWC80029	4	NEW ITEM
		11-856	V8	NEW ITEM
		11-861	V8	NEW ITEM
		11-863	V6	NEW ITEM
		11-864	V6	NEW ITEM
		11-873	V8	NEW ITEM
		11-875	V6	NEW ITEM
FIAT		SWE20954	4	NEW ITEM
FORD		SDF30001	V8	NEW ITEM
		SDF30002	V8	NEW ITEM
		11-857	V8	NEW ITEM
		11-865	4	NEW ITEM
		11-874	V6	NEW ITEM
GMC		SWG80050	4	NEW ITEM
		SWG80051	4	NEW ITEM
		SWG80052	V8	NEW ITEM
		SWG80053	V6	NEW ITEM
		SWG80054	V6	NEW ITEM
		SWG80055	5	NEW ITEM
		SWG80056	V6	NEW ITEM
		SWG80057	V8	NEW ITEM
		SWG80058	V8	NEW ITEM
HONDA		11-866	4	NEW ITEM
		11-882	4	NEW ITEM
HYUNDAI		SWG30040ZZ	4	NEW ITEM
		SWG30041ZZ	4	NEW ITEM
		SWG30042ZZ	4	NEW ITEM
		SDG30043ZZ	4	NEW ITEM
		11-862	V6	NEW ITEM
INFINITI		11-879	V6	NEW ITEM
ISUZU		SDI10217ZZ	V6	NEW ITEM
		SJI10213ZZ	4	NEW ITEM
		SDI10215ZZ	4	NEW ITEM
		SJI10216ZZ	4	NEW ITEM
LEXUS		11-867	V6	NEW ITEM
		11-870	V6	NEW ITEM

NEW ITEM or NEW PART NUMBER LIST



© 2012 NPR of America, Inc.

MANUFACTURER NAME	OLD PART NUMBER	NEW ITEM or NEW PART NUMBER	CYL #	MEMO
MAZDA		11-868	V6	NEW ITEM
MINI		SWE51154	4	NEW ITEM
NISSAN		11-859	V6	NEW ITEM
		11-860	V6	NEW ITEM
		11-869	4	NEW ITEM
		11-876	4	NEW ITEM
		11-877	4	NEW ITEM
		11-878	V6	NEW ITEM
		11-879	V6	NEW ITEM
		11-881	4	NEW ITEM
SUZUKI		SWS20210ZZ	4	NEW ITEM
TOYOTA		SWT10220ZZ	4	NEW ITEM
		11-867	V6	NEW ITEM
		11-870	V6	NEW ITEM
		11-871	V6	NEW ITEM
		11-880	4	NEW ITEM
VOLKSWAGEN		11-872	4	NEW ITEM
VOLVO		SWE51154	4	NEW ITEM

DISCONTINUED ITEMS



© 2012 NPR of America, Inc.

Piston Part #	Piston Part #					MEMO
11-011	11-812					
11-015						
11-023						
11-027						
11-029						
11-036						
11-041						
11-044						
11-048						
11-051						
11-054						
11-058						
11-076						
11-086						
11-088						
11-092						
11-096						
11-098						
11-099						
11-113						
11-121						
11-125						
11-126						
11-128						
11-130						
11-131						
11-132						
11-135						
11-138						
11-147						
11-148						
11-152						
11-173						
11-501						
11-532						
11-542						
11-577						
11-588						
11-633						
11-655						
11-668						
11-688						
11-710						
11-715						
11-748						
11-784						
11-787						
11-796						
11-805						

PISTON, RINGS - U.S. APPLICATIONS



© 2012 NPR of America, Inc.

U.S. APPLICATIONS

PISTON RINGS

© 2012 NPR of America, Inc.

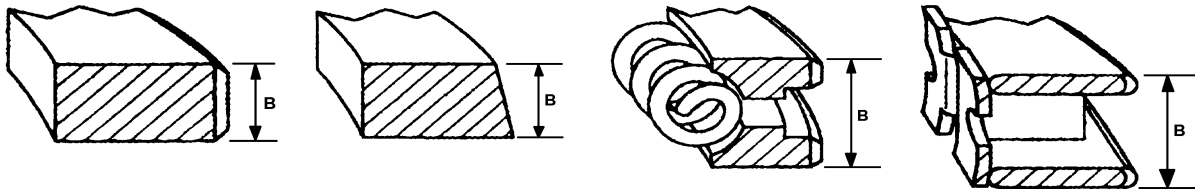
1	2	3	4	5	6	7	8	9	10	11
---	---	---	---	---	---	---	---	---	----	----

PISTONS

© 2012 NPR of America, Inc.

12	13	14	15	16	17	18	19	20	21
----	----	----	----	----	----	----	----	----	----

Piston Ring B: Width



- 1: Engine Displacement by Cubic-Centimeter.
- 2: Engine Displacement by Liter.
- 3: Engine Displacement by Cubic-Inch.
- 4: Model Name (Application).
- 5: Year.
- 6: Number of Cylinder.
- 7: Engine Code Number.
- 8: Engine Type.
- 9: Cam Type.
- 10: Piston Ring Reference Number.
- 11: NOA's Piston Ring Part Number.
- 12: Piston Reference Number.
- 13: NOA's Piston Part Number.
- 14: Page # for Piston Buyer's Guide
- 15: Cylinder Diameter.
- 16: 1st Compression Ring - B = Width (h1).
- 17: 2nd Compression Ring - B = Width (h1).
- 18: 3rd Compression Ring - B = Width (h1).
- 19: 1st Oil Control Ring - B = Width (h1).
- 20: 2nd Oil Control Ring - B = Width (h1).
- 21: Remark (ex, Grade of Vehicle, Number of Valve, V-tech, Turbo, etc.).

On Domestic Vehicle pages (Chrysler, Ford, GMC) , you can see INCH size, too.

Important! This US Application Catalog is Organized in Engine Displacement Sequence.

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
ACURA										
1590	1.6L	97	INTEGRA	1986 - 1987	4	D16A1, 8	F.I.	D.O.H.C.	13011-PJ1-752	SWH30365
1590	1.6L	97	INTEGRA	1988 - 1989	4	D16A1, 8	F.I.	D.O.H.C.	13011-PM6-G02	SWH30362
1678	1.7L	102	INTEGRA	1991 - 1993	4	B17A1	F.I.	D.O.H.C.	13011-PR3-004	SWH30373
1797	1.8L	110	INTEGRA	1994 - 2001	4	B18C1	F.I.	D.O.H.C.	13011-PR3-004	SWH30373
1797	1.8L	110	INTEGRA	1994 - 2001	4	B18C5	F.I.	D.O.H.C.	13011-PR3-004	SWH30373
1835	1.8L	112	INTEGRA	1990 - 1991	4	B18A1	F.I.	D.O.H.C.	13011-PR3-004	SWH30373
1835	1.8L	112	INTEGRA	1992 - 1993	4	B18A1	F.I.	D.O.H.C.	13011-PR3-004	SWH30373
1835	1.8L	112	INTEGRA	1994 - 1999	4	B18B1	F.I.	D.O.H.C.	13011-PR3-004	SWH30373
1998	2.0L	122	RSX	2002 - 2005	4	K20A2	F.I.	D.O.H.C.	13011-PNE-G02	SWH30454
1998	2.0L	122	RSX	2005 - 2006	4	K20Z1	F.I.	D.O.H.C.	13011-PNE-G02	SWH30454
2156	2.2L	132	2.2CL	1997 ONLY	4	F22B1	F.I.	S.O.H.C.	13011-P0A-A04	SWH30383
2260	2.3L	138	2.3CL	1998 - 1999	4	F23A1	F.I.	S.O.H.C.	13011-P8A-A01	SWH30443
2300	2.3L	140	RDX	2007 - 2012	4	K23A1	F.I.	D.O.H.C.	13011-RWC-A01	NA
2354	2.4L	144	TSX	2004 - 2007	4	K24A2	F.I.	D.O.H.C.	13011-RBB-006	YWH30435/4
2354	2.4L	144	TSX	2008 - 2012	4	K24Z3	F.I.	D.O.H.C.	13011-RBB-006	YWH30435/4
2456	2.5L	150	VIGOR	1992 - 1994	5	G25A1	F.I.	S.O.H.C.	13011-PV1-003	SWH30367
2456	2.5L	150	2.5TL	1996 ONLY	5	G25A4	F.I.	S.O.H.C.	13011-P1R-004	NA
2456	2.5L	150	2.5TL	1997 - 1998	5	G25A4	F.I.	S.O.H.C.	13011-P1R-004	NA
2494	2.5L	152	LEGEND	1986 - 1987	V6	C25A1	F.I.	S.O.H.C.	13011-PH7-004	SWH30369
2675	2.7L	163	LEGEND	1987 - 1990	V6	C27A1	F.I.	S.O.H.C.	13011-P0G-A01	SWH30370
2977	3.0L	182	NSX	1991 - 2005	V6	C30A	F.I.	D.O.H.C.	13011-PR7-A02	SWH30368
2977	3.0L	182	NSX	1991 - 2005	V6	C30A	F.I.	D.O.H.C.	13011-PR7-A02	SWH30368
2977	3.0L	182	NSX-T	1991 - 2005	V6	C30A	F.I.	D.O.H.C.	13011-PR7-A02	SWH30368
2977	3.0L	182	NSX-T	1991 - 2005	V6	C30A	F.I.	D.O.H.C.	13011-PR7-A02	SWH30368
2997	3.0L	183	3.0CL	1997 - 1999	V6	J30A1	F.I.	S.O.H.C.	13011-P8A-A01	SWH30432
3165	3.2L	193	SLX	1996 - 1997	V6	6VD1	F.I.	S.O.H.C.	8-97162-198-0	SWI10185

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
13101-PG6-000	<i>DISC. 11-501</i>		75.00	1.20	1.50		2.80		16 VALVE
13101-P29-000	11-502	305	75.00	1.20	1.50		2.80		16 VALVE
13101-P61-A00	NA		81.00	1.00	1.20		2.80		GS-R, 16 VALVE
13010-P72-A00	11-754	338	81.00	1.00	1.20		2.80		GS-R+B120, w/ VTECH, 16 VALVE
13010-P73-A00	11-743	336	81.00	1.00	1.20		2.80		TYPE-R MODELS, 16 VALVE
13101-PR4-A00	NA		81.00	1.00	1.20		2.80		16 VALVE
13101-PR4-000	11-753	338	81.00	1.00	1.20		2.80		16 VALVE
13010-P54-000	11-733	333	81.00	1.00	1.20		2.80		GS, LS, RS, SE, w/o VTECH, 16 VALVE
13010-PNC-000	NA		86.00	1.20	1.20		2.00		w/ i-VTECH, 16 VALVE
13010-PNC-010	NA		86.00	1.20	1.20		2.00		w/ i-VTECH, 16 VALVE
13010-P1E-000	11-757	339	85.00	1.20	1.20		2.80		16 VALVE
13010-PAA-A00	11-781	343	86.00	1.20	1.20		2.80		16 VALVE
13010-RWC-A00	NA		86.00	1.50	1.20		2.00		w/ i-VTECH, w/ TURBO, 16 VALVE
13011-RBB-A00	NA		87.00	1.20	1.20		2.50		w/ i-VTECH, 16 VALVE
13010-RBB-A00	NA		87.00	1.20	1.20		2.50		w/ i-VTECH, 16 VALVE
13101-PV1-A00	NA		85.00	1.20	1.20		2.80		20 VALVE
13010-P1R-A00	<i>DISC. 11-782</i>		85.00	1.20	1.20		2.80		20 VALVE
13010-P1R-A01	<i>DISC. 11-782</i>		85.00	1.20	1.20		2.80		20 VALVE
13101-PH7-000	<i>DISC. 11-506</i>		84.00	1.20	1.20		4.00		24 VALVE
13101-PL2-000	<i>DISC. 11-783</i>		87.00	1.20	1.20		4.00		24 VALVE
13200-PR7-A00	NA		90.00	1.20	1.20		2.80		FRONT, w/ VTECH, 24 VALVE
13250-PR7-A00	NA		90.00	1.20	1.20		2.80		REAR, w/ VTECH, 24 VALVE
13200-PR7-A00	NA		90.00	1.20	1.20		2.80		FRONT, w/ VTECH, 24 VALVE
13250-PR7-A00	NA		90.00	1.20	1.20		2.80		REAR, w/ VTECH, 24 VALVE
13010-P8A-000	11-791	344	86.00	1.20	1.20		2.80		24 VALVE
8-97104-386-0	11-685	325	93.40	1.50	1.50		4.00		24 VALVE

ACURA

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
ACURA										
3179	3.2L	194	NSX	1997 - 2005	V6	C32B	F.I.	D.O.H.C.	-	NA
3179	3.2L	194	NSX	1997 - 2005	V6	C32B	F.I.	D.O.H.C.	-	NA
3179	3.2L	194	NSX-T	1997 - 2005	V6	C32B	F.I.	D.O.H.C.	-	NA
3179	3.2L	194	NSX-T	1997 - 2005	V6	C32B	F.I.	D.O.H.C.	-	NA
3206	3.2L	196	LEGEND	1994 - 1995	V6	C32A1	F.I.	S.O.H.C.	13011-PY3-003	SWH30371
3206	3.2L	196	LEGEND	1991 - 1993	V6	C32A1	F.I.	S.O.H.C.	13011-PY3-003	SWH30371
3206	3.2L	196	3.2TL	1996 - 1998	V6	C32A1	F.I.	S.O.H.C.	13011-P5G-004	SWH30371
3210	3.2L	196	3.2TL	1999 ONLY	V6	J32A1	F.I.	S.O.H.C.	13011-P8F-A01	SWH30438
3210	3.2L	196	3.2CL	2000 - 2003	V6	J32A1	F.I.	S.O.H.C.	13011-P8F-A01	SWH30438
3210	3.2L	196	3.2TL	2000 - 2008	V6	J32A2, 3	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3210	3.2L	196	3.2CL-S	2000 - 2003	V6	J32A2	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3210	3.2L	196	3.2TL-S	2002 - 2003	V6	J32A2	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3471	3.5L	212	3.5TL	2004 - 2008	V6	J35A3	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3471	3.5L	212	MDX	2001 - 2002	V6	J35A3	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3471	3.5L	212	MDX	2003 - 2006	V6	J35A1	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3471	3.5L	212	3.5RL	2005 - 2008	V6	J35A8	F.I.	S.O.H.C.	13011-RJA-004	NA
3471	3.5L	212	3.5TL-S	2007 - 2008	V6	J35A8	F.I.	S.O.H.C.	13011-RJA-004	NA
3471	3.5L	212	3.5TL	2009 - 2012	V6	J35Z6	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3471	3.5L	212	TSX	2009 - 2012	V6	J35A6	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3474	3.5L	212	3.5RL	1996 - 2004	V6	C35A1	F.I.	S.O.H.C.	13011-P5A-004	NA
3494	3.5L	213	SLX	1998 - 1999	V6	6VE1	F.I.	S.O.H.C.	8-97136-135-0	SWI10191
3664	3.7L	224	MDX	2007 - 2009	V6	J37A1	F.I.	S.O.H.C.	13011-RYE-A01	SWH30468
3664	3.7L	224	3.7RL	2009 - 2012	V6	J37A2	F.I.	S.O.H.C.	13011-RKG-A01	SDH30469
3664	3.7L	224	3.7TL	2009 - 2012	V6	J37A4	F.I.	S.O.H.C.	13011-RKG-E02	SDH30469
3664	3.7L	224	MDX	2010 - 2012	V6	J37A1	F.I.	S.O.H.C.	13011-RKG-E02	SDH30469
3664	3.7L	224	ZDX	2010 - 2012	V6	J37A5	F.I.	S.O.H.C.	13011-RKG-E02	SDH30469
ACURA - END										

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
AUDI										
1588	1.6L	97	4000	1983 ONLY	4	CY	DIESEL	S.O.H.C.	068 198 151 C	SDE50184
1588	1.6L	97	4000	1982 - 1983	4	JK	DIESEL	S.O.H.C.	068 198 151 C	SDE50184
1588	1.6L	97	4000	1980 ONLY	4	YG, YH			049 198 151 F	SWE50174
1588	1.6L	97	FOX	1977 - 1979	4	YG, YH			049 198 151 F	SWE50174
1715	1.7L	105	4000	1981 - 1983	4	ZV	CARB	S.O.H.C.	049 198 151 F	SWE50174
1781	1.8L	109	TT	2000 - 2006	4	ATC, AMU	F.I.	D.O.H.C.	06B 198 151 B	SWE50744
1781	1.8L	109	A4	2000 - 2006	4	AEB	F.I.	D.O.H.C.	06B 198 151 B	SWE50744
1781	1.8L	109	A4 AVANT	2000 - 2006	4	AEB	F.I.	D.O.H.C.	06B 198 151 B	SWE50744
1781	1.8L	109	A4	1997 - 1999	4	AEB	F.I.	D.O.H.C.	058 198 151 B	SWE50754
1786	1.8L	109	4000	1985 - 1987	4	MG	CARB	S.O.H.C.	026 198 151 A	SWE50374
1786	1.8L	109	4000	1984 ONLY	4	JN	CARB	S.O.H.C.	026 198 151 B	SWE50384
1968	2.0L	120	A3	2010 - 2012	4	CBEA	DIESEL	D.O.H.C.	-	NA
1983	2.0L	121	80	1988 - 1990	4	3A	F.I.	S.O.H.C.	053 198 151 B	SWE50544
1983	2.0L	121	90	1988 - 1989	4	3A	F.I.	S.O.H.C.	053 198 151 B	SWE50544
1984	2.0L	121	A3	2006 - 2012	4	ABK, AAD	F.I.	D.O.H.C.	06D 198 151 B	SWE50524
1984	2.0L	121	A4	2005 - 2012	4	ADY, ABA	F.I.	D.O.H.C.	06D 198 151 G	SWE50524
1984	2.0L	121	A4 AVANT	2005 - 2012	4	ADY, ABA	F.I.	D.O.H.C.	06D 198 151 G	SWE50524
1984	2.0L	121	A5	2010 - 2012	4	ADY, ABA	F.I.	D.O.H.C.	06D 198 151 G	SWE50524
1984	2.0L	121	Q5	2011 - 2012	4	ADY, ABA	F.I.	D.O.H.C.	06D 198 151 G	SWE50524
1984	2.0L	121	TT	2008 - 2012	4	ABK, AAD	F.I.	D.O.H.C.	06F 198 151 A	SWE50524
1985	2.0L	121	5000	1980 - 1981	5	CN	DIESEL	S.O.H.C.	068 198 151 C	SDE50185
1985	2.0L	121	5000	1982 ONLY	5	CN	DIESEL	S.O.H.C.	068 198 151 C	SDE50185
1985	2.0L	121	5000	1983 ONLY	5	CN, DE	DIESEL	S.O.H.C.	068 198 151 C	SDE50185
2144	2.1L	131	5000	1979 - 1983	5	WD, WE	CARB	S.O.H.C.	049 198 151 F	SWE50175
2144	2.1L	131	COUPE	1981 - 1983	5	WD, WE	CARB	S.O.H.C.	049 198 151 F	SWE50175
2144	2.1L	131	5000	1984 ONLY	5	WD, WE	CARB	S.O.H.C.	035 198 151 A	SWE50175
2144	2.1L	131	COUPE	1984 ONLY	5	KX	CARB	S.O.H.C.	035 198 151 A	SWE50175
2144	2.1L	131	5000	1984 ONLY	5	WK	CARB	S.O.H.C.	035 198 151 E	SWE50175
2226	2.2L	136	5000	1985 - 1987	5	KZ	F.I.	S.O.H.C.	026 198 151 B	SWE50385
2226	2.2L	136	COUPE	1985 - 1987	5	KX	F.I.	S.O.H.C.	026 198 151 B	SWE50385
2226	2.2L	136	5000	1985 - 1987	5	KH, MC	F.I.	S.O.H.C.	026 198 151 B	SWE50385

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
068 107 065 AQ 001	X		76.50	1.75	2.00		3.00		w/ TURBO
068 107 065 BA 001	X		76.50	1.75	2.00		3.00		
049 107 065 AF	X		79.50	1.75	2.00		4.00		
049 107 065 AF	X		79.50	1.75	2.00		4.00		
049 107 065 AD	X		79.50	1.75	2.00		4.00		8 VALVE
06A 107 065 J	X		81.00	1.50	1.75		2.00		20 VALVE
06B 107 065 N	X		81.00	1.50	1.75		2.00		20 VALVE
06B 107 065 N	X		81.00	1.50	1.75		2.00		20 VALVE
058 107 065 F	X		81.00	1.20	1.50		2.00		
026 107 065 R	X		81.00	1.50	1.75		3.00		8 VALVE
026 107 065 Q	X		81.00	1.50	1.75		3.00		8 VALVE
-	X		81.00						w/ TURBO, 16 VALVE
053 107 065 E	X		82.50	1.50	1.50		2.00		8 VALVE
053 107 065 E	X		82.50	1.50	1.50		2.00		8 VALVE
06D 107 066 C	X		82.50	1.20	1.50		2.00		w/ TURBO, 16 VALVE
06D 107 066 C	X		82.50	1.20	1.50		2.00		16 VALVE
06D 107 066 C	X		82.50	1.20	1.50		2.00		16 VALVE
06D 107 066 C	X		82.50	1.20	1.50		2.00		16 VALVE
06D 107 066 C	X		82.50	1.20	1.50		2.00		16 VALVE
06D 107 066 C	X		82.50	1.20	1.50		2.00		16 VALVE
069 107 065 001	X		76.50	1.75	2.00		3.00		10 VALVE
068 107 065 BA 001	X		76.50	1.75	2.00		3.00		10 VALVE
069 107 065 P 003	X		76.50	1.75	2.00		3.00		10 VALVE
035 107 065 A	X		79.50	1.75	2.00		4.00		
035 107 065 A	X		79.50	1.75	2.00		4.00		
034 107 065 M	X		79.50	1.75	2.00		4.00		10 VALVE
035 107 065 M	X		79.50	1.75	2.00		4.00		10 VALVE
035 107 065 AC	X		79.50	1.75	2.00		4.00		w/ TURBO, 10 VALVE
034 107 065 D	X		81.00	1.50	1.75		3.00		10 VALVE
034 107 065 D	X		81.00	1.50	1.75		3.00		10 VALVE
034 107 065 E	X		81.00	1.50	1.75		3.00		w/ TURBO, 10 VALVE

AUDI

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
AUDI										
2226	2.2L	136	S4	1992 - 1995	5	AAN, ABY	F.I.		026 198 151 A	SWE50385
2226	2.2L	136	S6	1992 - 1995	5	AAN, ABY	F.I.		026 198 151 A	SWE50385
2309	2.3L	141	100	1989 - 1991	5	NF	F.I.	S.O.H.C.	053 198 151 A	SWE50535
2309	2.3L	141	200	1989 - 1991	5	NF	F.I.	S.O.H.C.	053 198 151 A	SWE50535
2309	2.3L	141	5000	1986 - 1988	5	NF	F.I.	S.O.H.C.	053 198 151 A	SWE50535
2309	2.3L	141	80 QUATTRO	1988 - 1991	5	NG	F.I.	D.O.H.C.	053 198 151 A	SWE50535
2309	2.3L	141	90	1988 - 1991	5	NG	F.I.	D.O.H.C.	053 198 151 A	SWE50535
2309	2.3L	141	80 QUATTRO	1992 ONLY	5	NG	F.I.	D.O.H.C.	053 198 151 A	SWE50535
2309	2.3L	141	COUPE QUATTRO	1990 - 1991	5	NG	F.I.	D.O.H.C.	053 198 151 A	SWE50535
2309	2.3L	141	COUPE QUATTRO	1990 - 1991	5	7A	F.I.	D.O.H.C.	054 198 151 B	SWE50555
2671	2.7L	163	A6	2000 - 2004	V6	APB	F.I.	D.O.H.C.	058 198 151 B*	SWE50756
2671	2.7L	163	ALLROAD	2001 - 2005	V6	APB	F.I.	D.O.H.C.	058 198 151 B*	SWE50756
2671	2.7L	163	S4	2000 - 2002	V6	APB	F.I.	D.O.H.C.	058 198 151 B*	SWE50756
2771	2.8L	169	100	1992 - 1994	V6	AAH	F.I.	S.O.H.C.	06A 198 151 C	SWE50526
2771	2.8L	169	A6	1995 ONLY	V6	AAH	F.I.	S.O.H.C.	06A 198 151 C	SWE50526
2771	2.8L	169	A4	1996 - 1998	V6	AFC	F.I.	S.O.H.C.	06A 198 151 C	SWE50526
2771	2.8L	169	A6	1996 - 1997	V6	AFC	F.I.	S.O.H.C.	06A 198 151 C	SWE50526
2771	2.8L	169	CABRIOLET	1996 - 1998	V6	AFC	F.I.	S.O.H.C.	06A 198 151 C	SWE50526
2771	2.8L	169	A4	1998 - 2001	V6	AHA	F.I.	D.O.H.C.	06A 198 151 C	SWE50526
2771	2.8L	169	A4 AVANT	1998 - 2001	V6	AHA	F.I.	D.O.H.C.	06A 198 151 C	SWE50526
2771	2.8L	169	A6	1998 - 2001	V6	AHA	F.I.	D.O.H.C.	06A 198 151 C	SWE50526
2967	3.0L	181	Q7	2009 - 2012	V6	3L V6 TDI	DIESEL	D.O.H.C.	-	DISC. SDE50906
2976	3.0L	182	A4	2002 - 2006	V6	AVK, BGN	F.I.	D.O.H.C.	06C 198 151 B	SWE50526
2976	3.0L	182	A4 AVANT	2002 - 2006	V6	AVK, BGN	F.I.	D.O.H.C.	06C 198 151 B	SWE50526
2976	3.0L	182	A6	2002 - 2004	V6	AVK	F.I.	D.O.H.C.	06C 198 151 B	SWE50526
2976	3.0L	182	A6 AVANT	2002 - 2004	V6	AVK	F.I.	D.O.H.C.	06C 198 151 B	SWE50526
2995	3.0L	183	A6	2008 - 2012	V6	CAKA, CCBA	F.I.	D.O.H.C.	06E 198 151 J	NA
2995	3.0L	183	A6	2008 - 2012	V6	CAKA, CCBA	F.I.	D.O.H.C.	06E 198 151 J	NA
2995	3.0L	183	A6 AVANT	2008 - 2012	V6	CAKA, CCBA	F.I.	D.O.H.C.	06E 198 151 J	NA
2995	3.0L	183	A6 AVANT	2008 - 2012	V6	CAKA, CCBA	F.I.	D.O.H.C.	06E 198 151 J	NA
2995	3.0L	183	Q7	2011 - 2012	V6	CAKA, CCBA	F.I.	D.O.H.C.	06E 198 151 J	NA
2995	3.0L	183	Q7	2011 - 2012	V6	CAKA, CCBA	F.I.	D.O.H.C.	06E 198 151 J	NA
2995	3.0L	183	S4	2009 - 2012	V6	CAKA, CCBA	F.I.	D.O.H.C.	06E 198 151 J	NA
2995	3.0L	183	S4	2009 - 2012	V6	CAKA, CCBA	F.I.	D.O.H.C.	06E 198 151 J	NA

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1 S T	2 N D	3 R D	O 1	O 2	REMARK
AUDI									
034 107 065 M	X		81.00	1.50	1.75		3.00		
034 107 065 M	X		81.00	1.50	1.75		3.00		
054 107 065	X		82.50	1.50	1.75		3.00		10 VALVE
054 107 065	X		82.50	1.50	1.75		3.00		10 VALVE
054 107 065	X		82.50	1.50	1.75		3.00		10 VALVE
054 107 065	X		82.50	1.50	1.75		3.00		20 VALVE
054 107 065	X		82.50	1.50	1.75		3.00		20 VALVE
054 107 065 H	X		82.50	1.50	1.75		3.00		20 VALVE
054 107 065 H	X		82.50	1.50	1.75		3.00		20 VALVE
054 107 065 G	X		82.50	1.20	1.75		3.00		20 VALVE
078 107 065 AN	X		81.00	1.20	1.50		2.00		30 VALVE
078 107 065 AN	X		81.00	1.20	1.50		2.00		30 VALVE
078 107 065 AN	X		81.00	1.20	1.50		2.00		30 VALVE
078 107 065 G	X		82.50	1.20	1.50		2.00		12 VALVE
078 107 065 G	X		82.50	1.20	1.50		2.00		12 VALVE
078 107 065 AH	X		82.50	1.20	1.50		2.00		12 VALVE
078 107 065 AH	X		82.50	1.20	1.50		2.00		12 VALVE
078 107 065 AH	X		82.50	1.20	1.50		2.00		12 VALVE
078 107 065 AF	X		82.50	1.20	1.50		2.00		30 VALVE
078 107 065 AF	X		82.50	1.20	1.50		2.00		30 VALVE
078 107 065 AF	X		82.50	1.20	1.50		2.00		30 VALVE
-	X		83.00	1.75	2.00		3.00		24 VALVE
06C 107 065 M	X		82.50	1.20	1.50		2.00		30 VALVE
06C 107 065 M	X		82.50	1.20	1.50		2.00		30 VALVE
06C 107 065 M	X		82.50	1.20	1.50		2.00		30 VALVE
06C 107 065 M	X		82.50	1.20	1.50		2.00		30 VALVE
06E 107 065 CJ	X		84.50						CYL #1,2,3, 24 VALVE
06E 107 066 CJ	X		84.50						CYL #4,5,6, 24 VALVE
06E 107 065 CJ	X		84.50						CYL #1,2,3, 24 VALVE
06E 107 066 CJ	X		84.50						CYL #4,5,6, 24 VALVE
06E 107 065 CJ	X		84.50						CYL #1,2,3, 24 VALVE
06E 107 066 CJ	X		84.50						CYL #4,5,6, 24 VALVE
06E 107 065 CJ	X		84.50						CYL #1,2,3, 24 VALVE
06E 107 066 CJ	X		84.50						CYL #4,5,6, 24 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
AUDI										
3123	3.1L	191	A4	2005 - 2009	V6	AUK	F.I.	D.O.H.C.	06E 198 151 B	SWE50916
3123	3.1L	191	A4	2005 - 2009	V6	AUK	F.I.	D.O.H.C.	06E 198 151 B	SWE50916
3123	3.1L	191	A4 AVANT	2005 - 2009	V6	AUK	F.I.	D.O.H.C.	06E 198 151 B	SWE50916
3123	3.1L	191	A4 AVANT	2005 - 2009	V6	AUK	F.I.	D.O.H.C.	06E 198 151 B	SWE50916
3123	3.1L	191	A6	2005 - 2008	V6	AUK	F.I.	D.O.H.C.	06E 198 151 B	SWE50916
3123	3.1L	191	A6	2005 - 2008	V6	AUK	F.I.	D.O.H.C.	06E 198 151 B	SWE50916
3123	3.1L	191	A6 AVANT	2005 - 2008	V6	AUK	F.I.	D.O.H.C.	06E 198 151 B	SWE50916
3123	3.1L	191	A6 AVANT	2005 - 2008	V6	AUK	F.I.	D.O.H.C.	06E 198 151 B	SWE50916
3189	3.2L	195	A3	2006 - 2009	V6	BDB, BMJ, BUB	F.I.	D.O.H.C.	022 198 151 A	DISC. SWE50596
3189	3.2L	195	A4	2005 - 2009	V6	AXZ, BDB, BMJ, BUB	F.I.	D.O.H.C.	022 198 151 B	DISC. SWE50596
3189	3.2L	195	A4 AVANT	2005 - 2009	V6	AXZ, BDB, BMJ, BUB	F.I.	D.O.H.C.	022 198 151 B	DISC. SWE50596
3189	3.2L	195	TT	2004 - 2009	V6	AXZ, BDB, BMJ, BUB	F.I.	D.O.H.C.	022 198 151 B	DISC. SWE50596
3197	3.2L	195	A5	2008 - 2010	V6	BKH, BYU	F.I.	D.O.H.C.	06E 198 151 H	NA
3197	3.2L	195	A5	2008 - 2010	V6	BKH, BYU	F.I.	D.O.H.C.	06E 198 151 H	NA
3197	3.2L	195	A6	2009 - 2012	V6	BKH, BYU	F.I.	D.O.H.C.	06E 198 151 H	NA
3197	3.2L	195	A6	2009 - 2012	V6	BKH, BYU	F.I.	D.O.H.C.	06E 198 151 H	NA
3197	3.2L	195	A6 AVANT	2009 - 2012	V6	BKH, BYU	F.I.	D.O.H.C.	06E 198 151 H	NA
3197	3.2L	195	A6 AVANT	2009 - 2012	V6	BKH, BYU	F.I.	D.O.H.C.	06E 198 151 H	NA
3197	3.2L	195	Q5	2009 - 2012	V6	BKH, BYU	F.I.	D.O.H.C.	06E 198 151 H	NA
3197	3.2L	195	Q5	2009 - 2012	V6	BKH, BYU	F.I.	D.O.H.C.	06E 198 151 H	NA
3597	3.6L	220	Q7	2007 - 2010	V6	03H	F.I.	D.O.H.C.	03H 198 151 B	NA
3597	3.6L	220	Q7	2007 - 2010	V6	03H	F.I.	D.O.H.C.	03H 198 151 B	NA
3697	3.7L	226	A8	1997 - 1999	V8	3.7 I 5V	F.I.	D.O.H.C.	-	SWE50828
3697	3.7L	226	A8	1997 - 1999	V8	3.7 I 5V	F.I.	D.O.H.C.	-	SWE50828
4163	4.2L	254	RS 4	2007 - 2008	V8	079.D	F.I.	D.O.H.C.	079 103 171 AH	SWE50918
4163	4.2L	254	RS 4	2007 - 2008	V8	079.D	F.I.	D.O.H.C.	079 103 171 AH	SWE50918
4163	4.2L	254	S5	2009 - 2010	V8	079.D	F.I.	D.O.H.C.	077 198 151 L	SWE50918
4163	4.2L	254	S5	2009 - 2010	V8	079.D	F.I.	D.O.H.C.	077 198 151 L	SWE50918
4163	4.2L	254	A8	2007 - 2012	V8	079.D	F.I.	D.O.H.C.	077 198 151 K	SWE50918
4163	4.2L	254	A8	2007 - 2012	V8	079.D	F.I.	D.O.H.C.	077 198 151 K	SWE50918
4163	4.2L	254	Q7	2007 - 2010	V8	079.D	F.I.	D.O.H.C.	077 198 151 L	SWE50918
4163	4.2L	254	Q7	2007 - 2010	V8	079.D	F.I.	D.O.H.C.	077 198 151 L	SWE50918
4163	4.2L	254	R8	2008 - 2012	V8	079.D	F.I.	D.O.H.C.	077 198 151 M	SWE50918
4163	4.2L	254	R8	2008 - 2012	V8	079.D	F.I.	D.O.H.C.	077 198 151 M	SWE50918

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
06E 107 065 M	X		84.50	1.20	1.50		2.00		CYL #1,2,3, 24 VALVE
06E 107 066 AQ	X		84.50	1.20	1.50		2.00		CYL #4,5,6, 24 VALVE
06E 107 065 M	X		84.50	1.20	1.50		2.00		CYL #1,2,3, 24 VALVE
06E 107 066 AQ	X		84.50	1.20	1.50		2.00		CYL #4,5,6, 24 VALVE
06E 107 065 M	X		84.50	1.20	1.50		2.00		CYL #1,2,3, 24 VALVE
06E 107 066 AQ	X		84.50	1.20	1.50		2.00		CYL #4,5,6, 24 VALVE
06E 107 065 M	X		84.50	1.20	1.50		2.00		CYL #1,2,3, 24 VALVE
06E 107 066 AQ	X		84.50	1.20	1.50		2.00		CYL #4,5,6, 24 VALVE
022 107 065 AA	X		84.00	1.20	1.50		2.00		24 VALVE
022 107 065 AA	X		84.00	1.20	1.50		2.00		24 VALVE
022 107 065 AA	X		84.00	1.20	1.50		2.00		24 VALVE
022 107 065 AA	X		84.00	1.20	1.50		2.00		24 VALVE
06E 107 066 BS	X		85.50						LEFT, 24 VALVE
06E 107 065 BS	X		85.50						RIGHT, 24 VALVE
06E 107 066 CK	X		85.50						LEFT, 24 VALVE
06E 107 065 CK	X		85.50						RIGHT, 24 VALVE
06E 107 066 CK	X		85.50						LEFT, 24 VALVE
06E 107 065 CK	X		85.50						RIGHT, 24 VALVE
06E 107 066 CK	X		85.50						LEFT, 24 VALVE
06E 107 065 CK	X		85.50						RIGHT, 24 VALVE
03H 107 065 N	X		89.00						CYL #1,2,3, 24 VALVE
03H 107 066 N	X		89.00						CYL #4,5,6, 24 VALVE
-	X		84.50	1.20	1.50		3.00		CYL #1,2,3,4, 32 VALVE
-	X		84.50	1.20	1.50		3.00		CYL #5,6,7,8, 32 VALVE
079 107 066 AS	X		84.50	1.20	1.50		2.00		CYL #1,2,3,4, 32 VALVE
079 107 065 AS	X		84.50	1.20	1.50		2.00		CYL #5,6,7,8, 32 VALVE
079 107 066 BB	X		84.50	1.20	1.50		2.00		CYL #1,2,3,4, 32 VALVE
079 107 065 BB	X		84.50	1.20	1.50		2.00		CYL #5,6,7,8, 32 VALVE
079 107 066 BC	X		84.50	1.20	1.50		2.00		CYL #1,2,3,4, 32 VALVE
079 107 065 BC	X		84.50	1.20	1.50		2.00		CYL #5,6,7,8, 32 VALVE
079 107 066 BC	X		84.50	1.20	1.50		2.00		CYL #1,2,3,4, 32 VALVE
079 107 065 BC	X		84.50	1.20	1.50		2.00		CYL #5,6,7,8, 32 VALVE
079 107 066 BF	X		84.50	1.20	1.50		2.00		CYL #1,2,3,4, 32 VALVE
079 107 065 BF	X		84.50	1.20	1.50		2.00		CYL #5,6,7,8, 32 VALVE

AUDI

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
AUDI										
4163	4.2L	254	A6	2005 - 2012	V8	079.D	F.I.	D.O.H.C.	06E 198 151 B	SWE50918
4163	4.2L	254	A6	2005 - 2012	V8	079.D	F.I.	D.O.H.C.	06E 198 151 B	SWE50918
4163	4.2L	254	A6 AVANT	2005 - 2012	V8	079.D	F.I.	D.O.H.C.	06E 198 151 B	SWE50918
4163	4.2L	254	A6 AVANT	2005 - 2012	V8	079.D	F.I.	D.O.H.C.	06E 198 151 B	SWE50918
4163	4.2L	254	ALLROAD	2003 - 2005	V8	079.D	F.I.	D.O.H.C.	06E 198 151 B	SWE50918
4163	4.2L	254	ALLROAD	2003 - 2005	V8	079.D	F.I.	D.O.H.C.	06E 198 151 B	SWE50918
4163	4.2L	254	S4	2004 - 2008	V8	079.D	F.I.	D.O.H.C.	06E 198 151 B	SWE50918
4163	4.2L	254	S4	2004 - 2008	V8	079.D	F.I.	D.O.H.C.	06E 198 151 B	SWE50918
4172	4.2L	255	A6	2002 - 2004	V8	ABZ	F.I.	D.O.H.C.	-	SWE50568
4172	4.2L	255	A6	2002 - 2004	V8	ABZ	F.I.	D.O.H.C.	-	SWE50568
4172	4.2L	255	A6 AVANT	2002 - 2004	V8	ABZ	F.I.	D.O.H.C.	-	SWE50568
4172	4.2L	255	A6 AVANT	2002 - 2004	V8	ABZ	F.I.	D.O.H.C.	-	SWE50568
4172	4.2L	255	A8	1997 - 2006	V8	ABZ	F.I.	D.O.H.C.	-	SWE50568
4172	4.2L	255	A8	1997 - 2006	V8	ABZ	F.I.	D.O.H.C.	-	SWE50568
4172	4.2L	255	QUATTRO	1990 - 1994	V8	ABH	F.I.	D.O.H.C.	-	SWE50568
4172	4.2L	255	QUATTRO	1990 - 1994	V8	ABH	F.I.	D.O.H.C.	-	SWE50568
4172	4.2L	255	RS 6	2003 ONLY	V8	ABZ	F.I.	D.O.H.C.	-	SWE50568
4172	4.2L	255	RS 6	2003 ONLY	V8	ABZ	F.I.	D.O.H.C.	-	SWE50568
4172	4.2L	255	S8	2001 - 2003	V8	ABZ	F.I.	D.O.H.C.	-	SWE50568
4172	4.2L	255	S8	2001 - 2003	V8	ABZ	F.I.	D.O.H.C.	-	SWE50568
5204	5.2L	318	R8	2010 - 2012	V10	07L	F.I.	D.O.H.C.	07L 198 151	NA
5204	5.2L	318	R8	2010 - 2012	V10	07L	F.I.	D.O.H.C.	07L 198 151	NA
5204	5.2L	318	S6	2007 - 2012	V10	07L	F.I.	D.O.H.C.	07L 198 151	NA
5204	5.2L	318	S6	2007 - 2012	V10	07L	F.I.	D.O.H.C.	07L 198 151	NA
5204	5.2L	318	S8	2007 - 2012	V10	07L	F.I.	D.O.H.C.	07L 198 151	NA
5204	5.2L	318	S8	2007 - 2012	V10	07L	F.I.	D.O.H.C.	07L 198 151	NA
5998	6.0L	366	A8	2005 - 2009	W12		F.I.	D.O.H.C.	-	NA
AUDI	-	END								

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
BMW										
1766	1.8L	108	320i	1979 ONLY	4	M10B18			11 25 1 261 130	SWE07064
1766	1.8L	108	320i	1980 - 1983	4	M10B18			11 25 1 261 130	SWE07064
1766	1.8L	108	318i	1984 - 1985	4	M10B18			11 25 1 261 130	SWE07064
1766	1.8L	108	318i	1984 - 1985	4	M10B18			11 25 1 261 130	SWE07064
1796	1.8L	110	318i	1991 - 1995	4	M42B18	F.I.	D.O.H.C.	11 25 1 727 461	DISC. SWE07034
1796	1.8L	110	318ic	1991 - 1995	4	M42B18	F.I.	D.O.H.C.	11 25 1 727 461	DISC. SWE07034
1796	1.8L	110	318is	1991 - 1995	4	M42B18	F.I.	D.O.H.C.	11 25 1 727 461	DISC. SWE07034
1796	1.8L	110	318ti	1995 ONLY	4	M42B18	F.I.	D.O.H.C.	11 25 1 727 461	DISC. SWE07034
1895	1.9L	116	318ic	1996 - 1997	4	M44B19	F.I.	D.O.H.C.	11 25 1 247 916	SWE07364
1895	1.9L	116	318is	1996 - 1997	4	M44B19	F.I.	D.O.H.C.	11 25 1 247 916	SWE07364
1895	1.9L	116	318ti	1996 - 1999	4	M44B19	F.I.	D.O.H.C.	11 25 1 247 916	SWE07364
1895	1.9L	116	Z3	1996 - 1998	4	M44B19	F.I.	D.O.H.C.	11 25 1 247 916	SWE07364
2302	2.3L	140	M3	1988 - 1991	4	S14B23	F.I.	D.O.H.C.	11 25 1 310 780	SWE07254
2443	2.4L	149	524td	1985 - 1986	6	M21D24			11 25 1 287 118	SWE07136
2494	2.5L	152	325i	1993 - 1995	6	M52B25	F.I.	D.O.H.C.	11 25 1 437 077	SWE07036
2494	2.5L	152	325ic	1993 - 1995	6	M52B25	F.I.	D.O.H.C.	11 25 1 437 077	SWE07036
2494	2.5L	152	325is	1993 - 1995	6	M52B25	F.I.	D.O.H.C.	11 25 1 437 077	SWE07036
2494	2.5L	152	528e	1987 - 1988	6	M20B25	F.I.	D.O.H.C.	11 25 1 713 192	SWE07176
2494	2.5L	152	325i	1987 - 1988	6	M20B25	F.I.	D.O.H.C.	11 25 1 713 192	SWE07176
2494	2.5L	152	325ic	1987 - 1988	6	M20B25	F.I.	D.O.H.C.	11 25 1 713 192	SWE07176
2494	2.5L	152	325is	1987 - 1988	6	M20B25	F.I.	D.O.H.C.	11 25 1 713 192	SWE07176
2494	2.5L	152	325ix	1987 - 1988	6	M20B25	F.I.	D.O.H.C.	11 25 1 713 192	SWE07176
2494	2.5L	152	325i	1992 ONLY	6	M20B25	F.I.	D.O.H.C.	11 25 1 713 192	SWE07176
2494	2.5L	152	525i	1991 - 1995	6	M20B25	F.I.	D.O.H.C.	11 25 1 713 192	SWE07176
2494	2.5L	152	325i	1989 - 1992	6	M20B25	F.I.	D.O.H.C.	11 25 1 713 192	SWE07176
2494	2.5L	152	325ic	1989 - 1992	6	M20B25	F.I.	D.O.H.C.	11 25 1 713 192	SWE07176
2494	2.5L	152	325is	1989 - 1992	6	M20B25	F.I.	D.O.H.C.	11 25 1 713 192	SWE07176
2494	2.5L	152	325ix	1989 - 1992	6	M20B25	F.I.	D.O.H.C.	11 25 1 713 192	SWE07176
2494	2.5L	152	525i	1989 - 1990	6	M20B25	F.I.	D.O.H.C.	11 25 1 713 192	SWE07176
2494	2.5L	152	323ic	1998 - 1999	6	M52TUB25	F.I.	D.O.H.C.	11 25 1 437 077	DISC. SWE07216
2494	2.5L	152	323is	1998 - 1999	6	M52TUB25	F.I.	D.O.H.C.	11 25 1 437 077	DISC. SWE07216
2494	2.5L	152	Z3	1999 - 2002	6	M52TUB25	F.I.	D.O.H.C.	11 25 1 437 077	DISC. SWE07216
2494	2.5L	152	323Ci	2000 ONLY	6	M54B25	F.I.	D.O.H.C.	11 25 1 437 077	DISC. SWE07216
2494	2.5L	152	323i	2000 ONLY	6	M54B25	F.I.	D.O.H.C.	11 25 1 437 077	DISC. SWE07216
2494	2.5L	152	525i	2001 - 2005	6	M54B25	F.I.	D.O.H.C.	11 25 1 437 077	DISC. SWE07216
2494	2.5L	152	X3	2004 - 2006	6	M54B25	F.I.	D.O.H.C.	11 25 1 437 077	DISC. SWE07216
2494	2.5L	152	Z4	2003 - 2005	6	M54B25	F.I.	D.O.H.C.	11 25 1 437 077	DISC. SWE07216

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
11 25 1 262 537	X		89.00	1.75	2.00		4.00		
11 25 1 270 526	X		89.00	1.75	2.00		4.00		
11 25 1 705 364	X		89.00	1.75	2.00		4.00		
11 25 1 705 545	X		89.00	1.75	2.00		4.00		
11 25 1 721 446	X		84.00	1.50	1.50		2.00		16 VALVE
11 25 1 721 446	X		84.00	1.50	1.50		2.00		16 VALVE
11 25 1 721 446	X		84.00	1.50	1.50		2.00		16 VALVE
11 25 1 721 446	X		84.00	1.50	1.50		2.00		16 VALVE
11 25 1 739 786	X		85.00	1.20	1.50		2.00		16 VALVE
11 25 1 739 786	X		85.00	1.20	1.50		2.00		16 VALVE
11 25 1 739 786	X		85.00	1.20	1.50		2.00		16 VALVE
11 25 1 739 786	X		85.00	1.20	1.50		2.00		16 VALVE
11 25 1 309 627	X		93.40	1.50	1.50		3.00		24 VALVE
11 25 1 279 190	X		80.00	2.50	2.00		3.50		
11 25 1 703 456	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 703 456	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 703 456	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 714 801	X		84.00	1.50	1.75		3.00		24 VALVE
11 25 1 714 807	X		84.00	1.50	1.75		3.00		24 VALVE
11 25 1 714 807	X		84.00	1.50	1.75		3.00		24 VALVE
11 25 1 714 807	X		84.00	1.50	1.75		3.00		24 VALVE
11 25 1 714 807	X		84.00	1.50	1.75		3.00		24 VALVE
11 25 1 722 492	X		84.00	1.50	1.75		3.00		24 VALVE
11 25 1 722 492	X		84.00	1.50	1.75		3.00		24 VALVE
11 25 1 735 756	X		84.00	1.50	1.75		3.00		24 VALVE
11 25 1 735 756	X		84.00	1.50	1.75		3.00		24 VALVE
11 25 1 735 756	X		84.00	1.50	1.75		3.00		24 VALVE
11 25 1 735 756	X		84.00	1.50	1.75		3.00		24 VALVE
11 25 1 735 756	X		84.00	1.50	1.75		3.00		24 VALVE
11 25 1 437 046	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 437 046	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 437 046	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 437 046	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 437 046	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 437 046	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 437 046	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 437 046	X		84.00	1.50	1.50		2.00		24 VALVE

BMW

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
BMW										
2494	2.5L	152	325Ci	2001 - 2006	6	M54B25	F.I.	D.O.H.C.	-	DISC. SWE07486
2494	2.5L	152	325i	2001 - 2005	6	M54B25	F.I.	D.O.H.C.	-	DISC. SWE07486
2494	2.5L	152	325xi	2001 - 2005	6	M54B25	F.I.	D.O.H.C.	-	DISC. SWE07486
2693	2.7L	164	325	1984 - 1988	6	M20B27	F.I.	S.O.H.C.	11 25 1 713 178	DISC. SWE07186
2693	2.7L	164	325e	1984 - 1988	6	M20B27	F.I.	S.O.H.C.	11 25 1 713 178	DISC. SWE07186
2693	2.7L	164	325es	1984 - 1988	6	M20B27	F.I.	S.O.H.C.	11 25 1 713 178	DISC. SWE07186
2693	2.7L	164	528e	1982 - 1986	6	M20B27	F.I.	S.O.H.C.	11 25 1 713 178	DISC. SWE07186
2693	2.7L	164	528e	1987 - 1988	6	M20B27	F.I.	S.O.H.C.	11 25 1 713 178	DISC. SWE07186
2788	2.8L	170	528i	1979 - 1981	6	M30B28	CARB	S.O.H.C.	11 25 1 256 462	SWE07096
2793	2.8L	170	328ic	1996 - 1999	6	M52B28	F.I.	D.O.H.C.	11 25 1 437 077	SWE07036
2793	2.8L	170	328is	1996 - 1999	6	M52B28	F.I.	D.O.H.C.	11 25 1 437 077	SWE07036
2793	2.8L	170	528i	1997 - 2000	6	M52B28	F.I.	D.O.H.C.	11 25 1 437 077	SWE07036
2793	2.8L	170	Z3	1997 - 2000	6	M52TUB28	F.I.	D.O.H.C.	11 25 1 437 077	DISC. SWE07216
2793	2.8L	170	328Ci	2000 ONLY	6	M52TUB28	F.I.	D.O.H.C.	11 25 1 437 077	DISC. SWE07216
2793	2.8L	170	328i	2000 ONLY	6	M52TUB28	F.I.	D.O.H.C.	11 25 1 437 077	DISC. SWE07216
2979	3.0L	182	135i	2008 - 2012	6	N54B30	F.I.	D.O.H.C.	11 25 7 577 586	DISC. SWE07426
2979	3.0L	182	335i	2007 - 2012	6	N54B30	F.I.	D.O.H.C.	11 25 7 577 586	DISC. SWE07426
2979	3.0L	182	335xi	2007 - 2012	6	N54B30	F.I.	D.O.H.C.	11 25 7 577 586	DISC. SWE07426
2979	3.0L	182	535i	2008 - 2012	6	N54B30	F.I.	D.O.H.C.	11 25 7 577 586	DISC. SWE07426
2979	3.0L	182	535xi	2008 - 2012	6	N54B30	F.I.	D.O.H.C.	11 25 7 577 586	DISC. SWE07426
2979	3.0L	182	X6	2008 - 2012	6	N54B30	F.I.	D.O.H.C.	11 25 7 577 586	DISC. SWE07426
2979	3.0L	182	Z4	2009 - 2012	6	N54B30	F.I.	D.O.H.C.	11 25 7 577 586	DISC. SWE07426
2979	3.0L	182	330Ci	2001 - 2006	6	M54B30	F.I.	D.O.H.C.	-	DISC. SWE07486
2979	3.0L	182	330i	2001 - 2005	6	M54B30	F.I.	D.O.H.C.	-	DISC. SWE07486
2979	3.0L	182	330xi	2001 - 2005	6	M54B30	F.I.	D.O.H.C.	-	DISC. SWE07486
2979	3.0L	182	530i	2001 - 2005	6	M54B30	F.I.	D.O.H.C.	-	DISC. SWE07486
2979	3.0L	182	X3	2004 - 2006	6	M54B30	F.I.	D.O.H.C.	-	DISC. SWE07486
2979	3.0L	182	X5	2001 - 2006	6	M54B30	F.I.	D.O.H.C.	-	DISC. SWE07486
2979	3.0L	182	Z3	2001 - 2002	6	M54B30	F.I.	D.O.H.C.	-	DISC. SWE07486
2979	3.0L	182	Z4	2003 - 2005	6	M54B30	F.I.	D.O.H.C.	-	DISC. SWE07486
2985	3.0L	182	533i	1983 - 1984	6	M30B30	CARB	S.O.H.C.	11 25 1 261 130	SWE07096
2993	3.0L	183	X5	2009 - 2012	6	M57T30TOP	DIESEL	D.O.H.C.	-	NA
2993	3.0L	183	335d	2009 - 2012	6	M57TU2D30	DIESEL	D.O.H.C.	11 25 7 805 805	DISC. SWE07406
2996	3.0L	183	325xi	2006 ONLY	6	N52B30	F.I.	D.O.H.C.	-	NA
2996	3.0L	183	330i	2006 ONLY	6	N52B30	F.I.	D.O.H.C.	-	NA
2996	3.0L	183	330xi	2006 ONLY	6	N52B30	F.I.	D.O.H.C.	-	NA

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
-	X		84.00	1.20	1.50		2.00		24 VALVE
-	X		84.00	1.20	1.50		2.00		24 VALVE
-	X		84.00	1.20	1.50		2.00		24 VALVE
11 25 1 287 096	X		84.00	1.50	2.00		4.00		12 VALVE
11 25 1 287 096	X		84.00	1.50	2.00		4.00		12 VALVE
11 25 1 287 096	X		84.00	1.50	2.00		4.00		12 VALVE
11 25 1 287 096	X		84.00	1.50	2.00		4.00		12 VALVE
11 25 1 287 096	X		84.00	1.50	2.00		4.00		12 VALVE
11 25 1 266 938	X		86.00	1.75	2.00		4.00		12 VALVE
11 25 1 432 086	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 432 086	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 432 086	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 432 876	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 437 046	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 1 437 046	X		84.00	1.50	1.50		2.00		24 VALVE
11 25 7 577 581	X		84.00	1.50	1.50		2.50		24 VALVE
11 25 7 577 581	X		84.00	1.50	1.50		2.50		24 VALVE
11 25 7 577 581	X		84.00	1.50	1.50		2.50		24 VALVE
11 25 7 577 581	X		84.00	1.50	1.50		2.50		24 VALVE
11 25 7 577 581	X		84.00	1.50	1.50		2.50		24 VALVE
11 25 7 577 581	X		84.00	1.50	1.50		2.50		24 VALVE
11 25 7 577 581	X		84.00	1.50	1.50		2.50		24 VALVE
-	X		84.00	1.20	1.50		2.00		24 VALVE
-	X		84.00	1.20	1.50		2.00		24 VALVE
-	X		84.00	1.20	1.50		2.00		24 VALVE
-	X		84.00	1.20	1.50		2.00		24 VALVE
-	X		84.00	1.20	1.50		2.00		24 VALVE
-	X		84.00	1.20	1.50		2.00		24 VALVE
-	X		84.00	1.20	1.50		2.00		24 VALVE
-	X		84.00	1.20	1.50		2.00		24 VALVE
11 25 1 274 206	X		86.00	1.75	2.00		4.00		12 VALVE
-	X		84.00						w/ TURBO, 24 VALVE
11 25 7 799 883	X		84.00	2.50	2.00		2.00		24 VALVE
-	X		85.00						24 VALVE
-	X		85.00						24 VALVE
-	X		85.00						24 VALVE

BMW

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
BMW										
2996	3.0L	183	128i	2008 - 2012	6	N52B30	F.I.	D.O.H.C.	11 25 7 559 434	NA
2996	3.0L	183	328i	2007 - 2012	6	N52B30	F.I.	D.O.H.C.	11 25 7 559 434	NA
2996	3.0L	183	328xi	2007 - 2012	6	N52B30	F.I.	D.O.H.C.	11 25 7 559 434	NA
2996	3.0L	183	528i	2008 - 2012	6	N52B30	F.I.	D.O.H.C.	11 25 7 559 434	NA
2996	3.0L	183	528xi	2008 - 2012	6	N52B30	F.I.	D.O.H.C.	11 25 7 559 434	NA
2996	3.0L	183	X3	2007 - 2012	6	N52B30	F.I.	D.O.H.C.	11 25 7 559 434	NA
2996	3.0L	183	X5	2007 - 2012	6	N52B30	F.I.	D.O.H.C.	11 25 7 559 434	NA
2996	3.0L	183	Z4	2006 - 2012	6	N52B30	F.I.	D.O.H.C.	11 25 7 559 434	NA
2997	3.0L	183	530i	1994 - 1995	V8	M60B30	F.I.	D.O.H.C.	11 25 9 064 584	DISC. SWE07088
3006	3.0L	183	525i	2006 - 2008	6	N53B30	F.I.	D.O.H.C.	-	NA
3006	3.0L	183	525xi	2006 - 2008	6	N53B30	F.I.	D.O.H.C.	-	NA
3006	3.0L	183	530i	2006 - 2007	6	N53B30	F.I.	D.O.H.C.	-	NA
3006	3.0L	183	530xi	2006 - 2007	6	N53B30	F.I.	D.O.H.C.	-	NA
3152	3.2L	364	M COUPE	1998 - 2000		S52B32	F.I.	D.O.H.C.	11 25 1 405 782	NA
3152	3.2L	364	M ROADSTER	1998 - 2000		S52B32	F.I.	D.O.H.C.	11 25 1 405 782	NA
3201	3.2L	195	M3	1995 ONLY	6	S50B32	F.I.	D.O.H.C.	11 25 1 403 809	DISC. SWE07316
3201	3.2L	195	M3	1996 - 1999	6	S50B32	F.I.	D.O.H.C.	11 25 1 403 809	DISC. SWE07316
3205	3.2L	196	633CSi	1979 ONLY	6	M30B32	CARB	S.O.H.C.	11 25 1 261 130	SWE07096
3205	3.2L	196	733i	1979 ONLY	6	M30B32	CARB	S.O.H.C.	11 25 1 261 130	SWE07096
3205	3.2L	196	633CSi	1980 - 1981	6	M30B32	CARB	S.O.H.C.	11 25 1 261 130	SWE07096
3205	3.2L	196	733i	1980 - 1981	6	M30B32	CARB	S.O.H.C.	11 25 1 261 130	SWE07096
3205	3.2L	196	633CSi	1982 - 1984	6	M30B32	CARB	S.O.H.C.	11 25 1 261 130	SWE07096
3205	3.2L	196	733i	1982 - 1984	6	M30B32	CARB	S.O.H.C.	11 25 1 261 130	SWE07096
3246	3.2L	198	M COUPE	2001 - 2006	6	S54B32	F.I.	D.O.H.C.	-	NA
3246	3.2L	198	M ROADSTER	2001 - 2006	6	S54B32	F.I.	D.O.H.C.	-	NA
3246	3.2L	198	M3	2001 - 2006	6	S54B32	F.I.	D.O.H.C.	-	NA
3246	3.2L	198	Z4 M	2006 - 2008	6	S54B32	F.I.	D.O.H.C.	-	NA
3430	3.4L	209	535i	1985 - 1993	6	M30B34	CARB	S.O.H.C.	11 25 1 714 383*	SWE07156
3430	3.4L	209	535is	1987 - 1988	6	M30B34	CARB	S.O.H.C.	11 25 1 714 383	SWE07156
3430	3.4L	209	635CSi	1988 - 1989	6	M30B34	CARB	S.O.H.C.	11 25 1 714 383	SWE07156
3430	3.4L	209	735i	1985 - 1986	6	M30B34	CARB	S.O.H.C.	11 25 1 714 383	SWE07156
3430	3.4L	209	735i	1987 - 1992	6	M30B34	CARB	S.O.H.C.	11 25 1 714 383	SWE07156
3430	3.4L	209	735iL	1989 - 1992	6	M30B34	CARB	S.O.H.C.	11 25 1 714 383	SWE07156
3453	3.5L	211	535i	1989 - 1993	6	M30B35	CARB	S.O.H.C.	11 25 1 714 383	SWE07156
3453	3.5L	211	635CSi	1985 - 1986	6	M30B35	CARB	S.O.H.C.	11 25 1 714 383	SWE07156
3453	3.5L	211	635CSi	1987 - 1988	6	M30B35	CARB	S.O.H.C.	11 25 1 714 383	SWE07156
3453	3.5L	211	635CSi	1987 - 1988	6	M30B35	CARB	S.O.H.C.	11 25 1 714 383	SWE07156
3453	3.5L	211	635CSi	1989 ONLY	6	M30B35	CARB	S.O.H.C.	11 25 1 714 383	SWE07156
3453	3.5L	211	L6	1987 ONLY	6	M30B35	CARB	S.O.H.C.	11 25 1 714 383	SWE07156
3453	3.5L	211	L7	1987 ONLY	6	M30B35	CARB	S.O.H.C.	11 25 1 714 383	SWE07156

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
BMW									
11 25 7 558 528	X		85.00						24 VALVE
11 25 7 558 528	X		85.00						24 VALVE
11 25 7 558 528	X		85.00						24 VALVE
11 25 7 558 528	X		85.00						24 VALVE
11 25 7 558 528	X		85.00						24 VALVE
11 25 7 558 528	X		85.00						w/ TURBO, 24 VALVE
11 25 7 558 528	X		85.00						24 VALVE
11 25 1 704 842	X		84.00	1.50	1.50		3.00		32 VALVE
-	X		85.00						24 VALVE
-	X		85.00						24 VALVE
-	X		85.00						24 VALVE
-	X		85.00						24 VALVE
11 25 1 405 702	X		86.40						24 VALVE
11 25 1 405 702	X		86.40						24 VALVE
11 25 1 404 961	X		86.40	1.20	1.50		2.00		24 VALVE
11 25 1 739 786	X		86.40	1.20	1.50		2.00		24 VALVE
11 25 1 265 808	X		89.00	1.75	2.00		4.00		12 VALVE
11 25 1 265 808	X		89.00	1.75	2.00		4.00		12 VALVE
11 25 1 270 604	X		89.00	1.75	2.00		4.00		12 VALVE
11 25 1 270 604	X		89.00	1.75	2.00		4.00		12 VALVE
11 25 1 274 206	X		89.00	1.75	2.00		4.00		12 VALVE
11 25 1 274 206	X		89.00	1.75	2.00		4.00		12 VALVE
-	X		87.00						24 VALVE
-	X		87.00						24 VALVE
-	X		87.00						24 VALVE
-	X		87.00						24 VALVE
11 25 1 735 939*	X		92.00	1.50	2.00		3.50		12 VALVE
11 25 1 735 939	X		92.00	1.50	2.00		3.50		12 VALVE
11 25 1 717 137	X		92.00	1.50	2.00		3.50		12 VALVE
11 25 1 286 435	X		92.00	1.50	2.00		3.50		12 VALVE
11 25 1 717 137	X		92.00	1.50	2.00		3.50		12 VALVE
11 25 1 717 137	X		92.00	1.50	2.00		3.50		12 VALVE
11 25 1 735 939	X		92.00	1.50	2.00		3.50		12 VALVE
11 25 1 286 435	X		92.00	1.50	2.00		3.50		12 VALVE
11 25 1 286 435	X		92.00	1.50	2.00		3.50		12 VALVE
11 25 1 717 137	X		92.00	1.50	2.00		3.50		12 VALVE
11 25 1 717 137	X		92.00	1.50	2.00		3.50		12 VALVE
11 25 1 717 137	X		92.00	1.50	2.00		3.50		12 VALVE
11 25 1 717 137	X		92.00	1.50	2.00		3.50		12 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
BMW										
3453	3.5L	211	M5	1988 ONLY	6	M88/3	F.I.	D.O.H.C.	11 25 1 310 780	DISC. SWE07256
3453	3.5L	211	M6	1987 - 1988	6	M88/3	F.I.	D.O.H.C.	11 25 1 310 780	DISC. SWE07256
3535	3.5L	216	M5	1991 - 1993	6	S38B36	F.I.	D.O.H.C.	11 25 1 315 114	NA
3982	4.0L	243	540i	1994 - 1995	V8	M60B40	F.I.	D.O.H.C.	11 25 9 064 584	DISC. SWE07308
3982	4.0L	243	740i	1993 - 1995	V8	M60B40	F.I.	D.O.H.C.	11 25 9 064 584	DISC. SWE07308
3982	4.0L	243	740iL	1993 - 1995	V8	M60B40	F.I.	D.O.H.C.	11 25 9 064 584	DISC. SWE07308
3982	4.0L	243	840Ci	1994 - 1995	V8	M60B40	F.I.	D.O.H.C.	11 25 9 064 584	DISC. SWE07308
3999	4.0L	244	M3	2008 - 2012	V8	S65B40	F.I.	D.O.H.C.	11 25 7 840 940	NA
4368	4.4L	267	750i	2009 - 2012	V8	N63B44	F.I.	D.O.H.C.	11 25 7 574 822	NA
4368	4.4L	267	750Li	2009 - 2012	V8	N63B44	F.I.	D.O.H.C.	11 25 7 574 822	NA
4368	4.4L	267	X5	2011 - 2012	V8	N63B44	F.I.	D.O.H.C.	11 25 7 574 822	NA
4368	4.4L	267	X6	2010 - 2012	V8	N63B44	F.I.	D.O.H.C.	11 25 7 574 822	NA
4395	4.4L	268	X5	2009 - 2012	V8	S63	F.I.	D.O.H.C.	-	NA
4395	4.4L	268	X6	2008 - 2012	V8	S63	F.I.	D.O.H.C.	-	NA
4395	4.4L	268	X6 HYBRID	2009 - 2012	V8	S63H	F.I.	D.O.H.C.	-	NA
4398	4.4L	268	540i	1997 - 2003	V8	M62B44	F.I.	D.O.H.C.	11 25 1 745 594	DISC. SWE07478
4398	4.4L	268	540iA	1997 - 2000	V8	M62B44	F.I.	D.O.H.C.	11 25 1 745 594	DISC. SWE07478
4398	4.4L	268	740i	1996 - 2001	V8	M62B44	F.I.	D.O.H.C.	11 25 1 745 594	DISC. SWE07478
4398	4.4L	268	740iL	1996 - 2001	V8	M62B44	F.I.	D.O.H.C.	11 25 1 745 594	DISC. SWE07478
4398	4.4L	268	840Ci	1996 - 1997	V8	M62B44	F.I.	D.O.H.C.	11 25 1 745 594	DISC. SWE07478
4398	4.4L	268	X5	2000 - 2003	V8	M62TUB44	F.I.	D.O.H.C.	11 25 1 745 594	DISC. SWE07478
4398	4.4L	268	545i	2004 - 2005	V8	N62B44	F.I.	D.O.H.C.	-	NA
4398	4.4L	268	645Ci	2004 - 2005	V8	N62B44	F.I.	D.O.H.C.	-	NA
4398	4.4L	268	745i	2002 - 2005	V8	N62B44	F.I.	D.O.H.C.	-	NA
4398	4.4L	268	745Li	2002 - 2005	V8	N62B44	F.I.	D.O.H.C.	-	NA
4398	4.4L	268	X5	2004 - 2006	V8	N62B44	F.I.	D.O.H.C.	-	NA
4398	4.4L	268	550i	2011 - 2012	V8	N62B44	F.I.	D.O.H.C.	-	NA
4398	4.4L	268	550xi	2011 - 2012	V8	N62B44	F.I.	D.O.H.C.	-	NA
4619	4.6L	282	X5	2002 - 2003	V8	M62B46	F.I.	D.O.H.C.	-	NA
4799	4.8L	268	550i	2006 - 2010	V8	N62B48	F.I.	D.O.H.C.	11 25-7 549 510	NA
4799	4.8L	268	550xi	2006 - 2010	V8	N62B48	F.I.	D.O.H.C.	11 25-7 549 510	NA
4799	4.8L	293	650i	2006 - 2012	V8	N62B48	F.I.	D.O.H.C.	11 25-7 549 510	NA
4799	4.8L	293	750i	2006 - 2008	V8	N62B48	F.I.	D.O.H.C.	11 25-7 549 510	NA
4799	4.8L	293	750Li	2006 - 2008	V8	N62B48	F.I.	D.O.H.C.	11 25-7 549 510	NA
4799	4.8L	293	X5	2004 - 2010	V8	N62B48	F.I.	D.O.H.C.	11 25-7 549 510	NA

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
11 25 1 309 803	X		93.40	1.50	1.50		3.00		24 VALVE
11 25 1 309 803	X		93.40	1.50	1.50		3.00		24 VALVE
11 25 1 312 495	X		93.40						24 VALVE
11 25 1 704 842	X		89.00	1.50	1.50		2.00		32 VALVE
11 25 1 704 842	X		89.00	1.50	1.50		2.00		
11 25 1 704 842	X		89.00	1.50	1.50		2.00		
11 25 1 704 842	X		89.00	1.50	1.50		2.00		
11 25 7 840 922	X		92.00						32 VALVE
11 25 7 576 475	X		89.00						w/ TURBO, 32 VALVE
11 25 7 576 475	X		89.00						w/ TURBO, 32 VALVE
11 25 7 576 475	X		89.00						w/ TURBO, 32 VALVE
11 25 7 576 475	X		89.00						w/ TURBO, 32 VALVE
-	X		89.00						w/ TURBO, 32 VALVE
-	X		89.00						w/ TURBO, 32 VALVE
-	X		89.00						32 VALVE
11 25 1 742 541	X		92.00	1.50	1.50		2.00		32 VALVE
11 25 1 742 541	X		92.00	1.50	1.50		2.00		32 VALVE
11 25 1 742 541	X		92.00	1.50	1.50		2.00		32 VALVE
11 25 1 742 541	X		92.00	1.50	1.50		2.00		32 VALVE
11 25 1 742 541	X		92.00	1.50	1.50		2.00		32 VALVE
11 25 1 742 541	X		92.00	1.50	1.50		2.00		32 VALVE
-	X		92.00						32 VALVE
-	X		92.00						32 VALVE
-	X		92.00						32 VALVE
-	X		92.00						32 VALVE
-	X		92.00						32 VALVE
-	X		92.00						w/ TURBO, 32 VALVE
-	X		92.00						w/ TURBO, 32 VALVE
-	X		93.00						32 VALVE
11 25 7 542 292	X		93.00						w/ TURBO, 32 VALVE
11 25 7 542 292	X		93.00						w/ TURBO, 32 VALVE
11 25 7 542 292	X		93.00						w/ TURBO, 32 VALVE
11 25 7 542 292	X		93.00						w/ TURBO, 32 VALVE
11 25 7 542 292	X		93.00						w/ TURBO, 32 VALVE
11 25 7 542 292	X		93.00						w/ TURBO, 32 VALVE

BMW

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
BMW										
4837	4.8L	295	Z8	2003 ONLY	V8	F5	F.I.	D.O.H.C.	-	NA
4941	4.9L	302	M5	2000 - 2003	V8	S62B50	F.I.	D.O.H.C.	-	NA
4941	4.9L	302	Z8	2000 - 2003	V8	S62B50	F.I.	D.O.H.C.	-	NA
4988	5.0L	304	750iL	1988 - 1994	V12	M70B50	F.I.	S.O.H.C.	11 25 1 718 708	SWE070712
4988	5.0L	304	750iL	1988 - 1994	V12	M70B50	F.I.	S.O.H.C.	11 25 1 718 708	SWE070712
4988	5.0L	304	850Ci	1993 - 1994	V12	M70B50	F.I.	S.O.H.C.	11 25 1 718 708	SWE070712
4988	5.0L	304	850Ci	1993 - 1994	V12	M70B50	F.I.	S.O.H.C.	11 25 1 718 708	SWE070712
4988	5.0L	304	850i	1991 - 1992	V12	M70B50	F.I.	S.O.H.C.	11 25 1 718 708	SWE070712
4988	5.0L	304	850i	1991 - 1992	V12	M70B50	F.I.	S.O.H.C.	11 25 1 718 708	SWE070712
4999	5.0L	305	M5	2007 - 2012	V10	S85B50	F.I.	D.O.H.C.	-	DISC. SWE074410
4999	5.0L	305	M6	2006 - 2010	V10	S85B50	F.I.	D.O.H.C.	-	DISC. SWE074410
5379	5.4L	328	750iL	1995 - 2001	V12	M73B54	F.I.	S.O.H.C.	11 25 1 747 784	SWE073612
5379	5.4L	328	750iL	1995 - 2001	V12	M73B54	F.I.	S.O.H.C.	11 25 1 747 784	SWE073612
5379	5.4L	328	850Ci	1995 - 1997	V12	M73TUB54	F.I.	S.O.H.C.	11 25 1 747 784	SWE073612
5379	5.4L	328	850Ci	1995 - 1997	V12	M73TUB54	F.I.	S.O.H.C.	11 25 1 747 784	SWE073612
5576	5.6L	340	850CSi	1994 - 1997	V12	S70B56	F.I.	S.O.H.C.	-	SWE073212
5576	5.6L	340	850CSi	1994 - 1997	V12	S70B56	F.I.	S.O.H.C.	-	SWE073212
5972	6.0L	364	760i	2004 - 2012	V12	N73B60	F.I.	D.O.H.C.	-	NA
5972	6.0L	364	760Li	2003 - 2012	V12	N73B60	F.I.	D.O.H.C.	-	NA
5972	6.0L	364	ALPINA B7	2007 - 2008	V12	N73B60	F.I.	D.O.H.C.	-	NA
BMW - END										

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
1410	1.4L	86	CHAMP	1979 - 1982	4	G12B	CARB	S.O.H.C.	MD031700	SWM31027
1410	1.4L	86	COLT	1979 - 1984	4	G12B	CARB	S.O.H.C.	MD031700	SWM31027
1468	1.5L	90	COLT	1985 - 1986	4	G15B	CARB	S.O.H.C.	MD074725	SWM31063
1468	1.5L	90	COLT	1987 - 1990	4	G15B	CARB	S.O.H.C.	MD074725	SWM31063
1468	1.5L	90	SUMMIT	1989 - 1990	4	4G15	F.I.	S.O.H.C.	MD074725	SWM31063
1468	1.5L	90	COLT	1991 - 1994	4	4G15	F.I.	S.O.H.C.	MD180804	SWM31076
1468	1.5L	90	SUMMIT	1991 - 1995	4	4G15	F.I.	S.O.H.C.	MD180804	SWM31076
1468	1.5L	90	SUMMIT	1995 ONLY	4	4G15	F.I.	S.O.H.C.	MD180804	SWM31076
1468	1.5L	90	SUMMIT	1996 ONLY	4	4G15	F.I.	D.O.H.C.	MD180804	SWM31076
1597	1.6L	97	ARROW	1976 - 1977	4	G32B	CARB	S.O.H.C.	MD110632	SWM31005
1597	1.6L	97	CHALLENGER	1978 - 1980	4	G32B	CARB	S.O.H.C.	MD110632	SWM31005
1597	1.6L	97	CHAMP	1978 - 1982	4	G32B	CARB	S.O.H.C.	MD110632	SWM31005
1597	1.6L	97	COLT	1979 - 1984	4	G32B	CARB	S.O.H.C.	MD110632	SWM31005
1597	1.6L	97	COLT	1984 - 1986	4	G32B	F.I.	S.O.H.C.	MD012765	SWM31043
1597	1.6L	97	COLT	1987 - 1990	4	G32B	F.I.	S.O.H.C.	MD012765	SWM31043
1597	1.6L	97	COLT	1989 - 1990	4	4G61	F.I.	D.O.H.C.	MD133495	SWM31049
1597	1.6L	97	SUMMIT	1989 - 1990	4	4G61	F.I.	D.O.H.C.	MD133495	SWM31049
1715	1.7L	105	HORIZON	1978 - 1984	4	VW 1.7	CARB	S.O.H.C.	4186268	SWL01402
1715	1.7L	105	OMNI	1978 - 1983	4	VW 1.7	CARB	S.O.H.C.	4186268	SWL01402
1715	1.7L	105	TC3	1982 ONLY	4	VW 1.7	CARB	S.O.H.C.	4186268	SWL01402
1715	1.7L	105	TURISMO	1983 ONLY	4	VW 1.7	CARB	S.O.H.C.	4186268	SWL01402
1755	1.8L	107	COLT	1989 - 1990	4	4G37	F.I.	S.O.H.C.	MD040465	SWM31041
1755	1.8L	107	LASER	1989 - 1994	4	4G37	F.I.	S.O.H.C.	MD040465	SWM31041
1755	1.8L	107	TALON	1993 - 1994	4	4G37	F.I.	S.O.H.C.	MD040465	SWM31041
1798	1.8L	110	CALIBER	2006 - 2009	4	GEMA 1.8	F.I.	D.O.H.C.	5191418AB	SWG30042
1834	1.8L	112	SUMMIT	1991 - 1992	4	4G93	F.I.	S.O.H.C.	MD173206	SWM31079

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
MD030322	11-020	294	74.00	1.50	1.50		4.00		12 VALVE
MD030322	11-020	294	2.913	0.059	0.059		0.157		12 VALVE
MD074715	11-529	308	75.50	1.50	1.50		4.00		12 VALVE
			2.972	0.059	0.059		0.157		
MD099770	11-530	308	75.50	1.50	1.50		4.00		8 VALVE
MD099770	11-530	308	2.972	0.059	0.059		0.157		8 VALVE
MD144901	11-531	308	75.50	1.20	1.50		3.00		12 VALVE
MD144901	11-531	308	2.972	0.047	0.059		0.118		12 VALVE
MD314825	NA		75.50	1.20	1.50		3.00		w/CALIF E.C.S.
			2.972	0.047	0.059		0.118		
MD320441	NA		75.50	1.20	1.50		3.00		12 VALVE
			2.972	0.047	0.059		0.118		
MD009521	DISC. 11-023		76.90	2.00	2.00		4.00		
MD009521	DISC. 11-023		3.028	0.079	0.079		0.157		
MD009521	DISC. 11-023								
MD009521	DISC. 11-023								AUTO TRANS
MD074471	DISC. 11-024		76.90	1.50	1.50		4.00		STD TRANS, w/ TURBO
			3.028	0.059	0.059		0.157		
MD100254	DISC. 11-532		76.90	1.50	1.50		4.00		w/ TURBO
			3.028	0.059	0.059		0.157		
MD129932	DISC. 11-546		82.30	1.20	1.50		3.00		w/ TURBO, 16 VALVE
MD129932	DISC. 11-546		3.240	0.047	0.059		0.118		w/ TURBO, 16 VALVE
4186275	X		79.50	1.75	2.00		4.00		
4186275	X		3.130	0.069	0.079		0.157		
4186275	X								
4186275	X								
MD100416	11-545	310	80.60	1.50	1.50		4.00		8 VALVE
MD100416	11-545	310	3.173	0.059	0.059		0.157		8 VALVE
MD100416	11-545	310							8 VALVE
-	X		86.00	1.20	1.20		2.00		16 VALVE
			3.386	0.047	0.047		0.079		
MD174995	NA		81.00	1.20	1.20		2.80		WAGON, - 5/1/91
			3.189	0.047	0.047		0.110		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
1834	1.8L	112	COLT VISTA	1992 ONLY	4	4G93	F.I.	S.O.H.C.	MD173206	SWM31079
1834	1.8L	112	SUMMIT	1991 - 1992	4	4G93	F.I.	S.O.H.C.	MD173206	SWM31079
1834	1.8L	112	COLT	1994 ONLY	4	4G93	F.I.	S.O.H.C.	MD173206	SWM31079
1834	1.8L	112	COLT VISTA	1993 - 1994	4	4G93	F.I.	S.O.H.C.	MD173206	SWM31079
1834	1.8L	112	SUMMIT	1993 - 1996	4	4G93	F.I.	S.O.H.C.	MD173206	SWM31079
1994	2.0L	122	ARROW	1976 - 1978	4	G52B	CARB	S.O.H.C.	MD021070	SWM30074
1994	2.0L	122	ARROW PICKUP	1979 - 1982	4	G52B	CARB	S.O.H.C.	MD021070	SWM30074
1994	2.0L	122	RAM 50	1979 - 1982	4	G52B	CARB	S.O.H.C.	MD021070	SWM30074
1996	2.0L	122	NEON	1995 ONLY	4	420A	F.I.	D.O.H.C.	4741401	SWM31120
1996	2.0L	122	AVENGER	1995 - 2000	4	420A	F.I.	D.O.H.C.	M04741401	SWM31120
1996	2.0L	122	CIRRUS	1995 - 2000	4	420A	F.I.	D.O.H.C.	M04741401	SWM31120
1996	2.0L	122	NEON	1995 - 2000	4	420A	F.I.	D.O.H.C.	M04741401	SWM31120
1996	2.0L	122	SEBRING	1995 - 2000	4	420A	F.I.	D.O.H.C.	M04741401	SWM31120
1996	2.0L	122	STRATUS	1995 - 2000	4	420A	F.I.	D.O.H.C.	M04741401	SWM31120
1996	2.0L	122	TALON	1995 - 1998	4	420A	F.I.	D.O.H.C.	M04741401	SWM31120
1996	2.0L	122	TALON	1995 - 1998	4	420A	F.I.	D.O.H.C.	4741401	SWM31120
1996	2.0L	122	NEON	1995 - 1996	4	A588	F.I.	S.O.H.C.	4741401	SWM31120
1996	2.0L	122	STRATUS	1995 - 1996	4	A588	F.I.	S.O.H.C.	4741401	SWM31120
1996	2.0L	122	BREEZE	1995 - 2000	4	A588	F.I.	S.O.H.C.	M04741401	SWM31120
1996	2.0L	122	CIRRUS	2000 ONLY	4	A588	F.I.	S.O.H.C.	4741401	SWM31120
1996	2.0L	122	NEON	1995 - 2000	4	A588	F.I.	S.O.H.C.	4741401	SWM31120
1996	2.0L	122	BREEZE	2000 ONLY	4	A588	F.I.	S.O.H.C.	4741401	SWM31120
1996	2.0L	122	CIRRUS	2000 ONLY	4	A588	F.I.	S.O.H.C.	4741401	SWM31120
1996	2.0L	122	NEON	2001 - 2002	4	A588	F.I.	S.O.H.C.	4741401	SWM31120
1996	2.0L	122	STRATUS	1995 - 2000	4	A588	F.I.	S.O.H.C.	4741401	SWM31120
1996	2.0L	122	STRATUS	1998 - 2000	4	A588	F.I.	S.O.H.C.	4741401	SWM31120
1996	2.0L	122	NEON	2002 ONLY	4	A588	F.I.	S.O.H.C.	4741401	SWM31120
1996	2.0L	122	NEON	2003 - 2006	4	A588	F.I.	S.O.H.C.	4741401	SWM31120
1996	2.0L	122	NEON	2003 - 2006	4	A588	F.I.	S.O.H.C.	4741401	SWM31120

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
MD183457	DISC. 11-548		81.00	1.20	1.20		2.80		16 VALVE
MD183457	DISC. 11-548		3.189	0.047	0.047		0.110		WAGON, 5/1/91 -
MD318097	11-767	340	81.00	1.20	1.20		2.80		16 VALVE
MD318097	11-767	340	3.189	0.047	0.047		0.110		16 VALVE
MD318097	11-767	340							Inc. Wagon
MD021192	DISC. 11-026		84.00	2.00	2.00		4.00		
MD021192	DISC. 11-026		3.307	0.079	0.079		0.157		
MD021192	DISC. 11-026								
4741372	X		87.50	1.20	1.20		3.00		
			3.445	0.047	0.047		0.118		
M04797613	11-735	334	87.50	1.20	1.20		3.00		16 VALVE
M04797613	11-735	334	3.445	0.047	0.047		0.118		16 VALVE
M04797613	11-735	334							16 VALVE
M04797613	11-735	334							16 VALVE
M04797613	11-735	334							16 VALVE
M04797613	11-735	334							16 VALVE
4797613	11-735	334							Normally Aspirated, 16 VALVE
4796059	X		87.50	1.20	1.20		3.00		w/ CALIF E.C.S.
4796059	X		3.445	0.047	0.047		0.118		w/ CALIF E.C.S.
M04773975	X		87.50	1.20	1.20		3.00		16 VALVE
			3.445	0.047	0.047		0.118		
4773975	X		87.50	1.20	1.20		3.00		16 VALVE
4773975	X		3.445	0.047	0.047		0.118		16 VALVE
4897642AB	X		87.50	1.20	1.20		3.00		w/ CALIF E.C.S.
4897642AB	X		3.445	0.047	0.047		0.118		w/ CALIF E.C.S.
4897642AB	X								w/ CALIF E.C.S.
4897642AB	X								w/ CALIF E.C.S.
4897642AB	X								w/ CALIF E.C.S.
5018767AA	X		87.50	1.20	1.20		3.00		
			3.445	0.047	0.047		0.118		
5086925AA	X		87.50	1.20	1.20		3.00		SE, SXT
			3.445	0.047	0.047		0.118		
5086926AA	X		87.50	1.20	1.20		3.00		R/T
			3.445	0.047	0.047		0.118		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
1997	2.0L	122	COLT VISTA	1984 - 1986	4	G63B	CARB	S.O.H.C.	MD040640	SWM31013
1997	2.0L	122	OMNI	1984 - 1985	4	G63B	CARB	S.O.H.C.	MD040640	SWM31013
1997	2.0L	122	RAM 50	1983 - 1986	4	G63B	CARB	S.O.H.C.	MD040640	SWM31013
1997	2.0L	122	COLT VISTA	1987 - 1991	4	G63B	F.I.	S.O.H.C.	MD100467	SWM31044
1997	2.0L	122	RAM 50	1987 - 1989	4	G63B	F.I.	S.O.H.C.	MD100467	SWM31044
1997	2.0L	122	LASER	1989 - 1994	4	4G63	F.I.	D.O.H.C.	MD140923	SWM31048
1997	2.0L	122	TALON	1990 - 1992	4	4G63	F.I.	D.O.H.C.	MD140923	SWM31048
1997	2.0L	122	LASER	1989 - 1994	4	4G63	F.I.	D.O.H.C.	MD144245	SWM31048
1997	2.0L	122	TALON	1990 - 1992	4	4G63	F.I.	D.O.H.C.	MD144245	SWM31048
1997	2.0L	122	LASER	1992 - 1994	4	4G63	F.I.	D.O.H.C.	MD195867	SWM31071
1997	2.0L	122	TALON	1993 - 1994	4	4G63	F.I.	D.O.H.C.	MD195867	SWM31071
1997	2.0L	122	LASER	1992 - 1994	4	4G63	F.I.	D.O.H.C.	MD176437	SWM31071
1997	2.0L	122	TALON	1993 - 1994	4	4G63	F.I.	D.O.H.C.	MD176437	SWM31071
1997	2.0L	122	TALON	1995 - 1998	4	4G63	F.I.	D.O.H.C.	MD313405	SWM31103
1998	2.0L	122	CALIBER	2006 - 2012	4	GEMA 2.0	F.I.	D.O.H.C.	5191418AB	SWG30042
1998	2.0L	122	COMPASS	2007 - 2012	4	GEMA 2.0	F.I.	D.O.H.C.	5191418AB	SWG30042
1998	2.0L	122	PATRIOT	2007 - 2012	4	GEMA 2.0	F.I.	D.O.H.C.	5191418AB	SWG30042
2212	2.2L	135	HORIZON	1984 ONLY	4	K 2.2	CARB	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	RELIANT	1981 - 1984	4	K 2.2	CARB	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	TC3	1982 ONLY	4	K 2.2	CARB	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	TURISMO	1984 ONLY	4	K 2.2	CARB	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	600	1984 - 1985	4	K 2.2T	CARB	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	CARAVELLE	1985 ONLY	4	K 2.2T	CARB	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	CHARGER	1985 ONLY	4	K 2.2T	CARB	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	DAYTONA	1984 - 1985	4	K 2.2T	CARB	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	E CLASS	1984 ONLY	4	K 2.2T	CARB	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	LANCER	1985 ONLY	4	K 2.2T	CARB	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	LASER	1984 - 1985	4	K 2.2T	CARB	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	LeBARON	1984 - 1985	4	K 2.2T	CARB	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	LeBARON GTS	1985 ONLY	4	K 2.2T	CARB	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	NEW YORKER	1984 - 1985	4	K 2.2T	CARB	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	OMNI	1985 ONLY	4	K 2.2T	CARB	D.O.H.C.	4411977	SWC10003

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
MD040591	11-027	294	85.00	2.00	2.00		4.00		12 VALVE
MD040591	11-027	294	3.346	0.079	0.079		0.157		12 VALVE
MD040591	11-027	294							12 VALVE
MD100372	11-539	309	85.00	1.50	1.50		4.00		12 VALVE
MD100372	11-539	309	3.346	0.059	0.059		0.157		12 VALVE
MD129923	11-546	310	85.00	1.20	1.50		3.00		w/ TURBO, 16 VALVE
MD129232	11-546	310	3.346	0.047	0.059		0.118		w/ TURBO, 16 VALVE
MD129922	11-540	309	85.00	1.20	1.50		3.00		16 VALVE
MD129922	11-540	309	3.346	0.047	0.059		0.118		16 VALVE
MD190262	11-718	330	85.00	1.20	1.50		3.00		16 VALVE
MD190262	11-718	330	3.346	0.047	0.059		0.118		16 VALVE
MD308200	11-719	330	85.00	1.20	1.50		3.00		w/ TURBO, 16 VALVE
MD308200	11-719	330	3.346	0.047	0.059		0.118		w/ TURBO, 16 VALVE
MD307820	11-758	339	85.00	1.20	1.50		2.80		w/ TURBO, 16 VALVE
			3.346	0.047	0.059		0.110		
-	X		86.00	1.20	1.20		2.00		16 VALVE
-	X		3.386	0.047	0.047		0.079		16 VALVE
-	X								16 VALVE
4186275	X		87.50	1.50	1.50		4.00		
4186275	X		3.445	0.059	0.059		0.157		
4186275	X								
4186275	X								
4271928	X		87.50	1.50	1.50		4.00		w/ TURBO
4271928	X		3.445	0.059	0.059		0.157		w/ TURBO
4271928	X								w/ TURBO
4271928	X								w/ TURBO
4271928	X								w/ TURBO
4271928	X								w/ TURBO
4271928	X								w/ TURBO
4271928	X								w/ TURBO
4271928	X								w/ TURBO
4271928	X								w/ TURBO
4271928	X								w/ TURBO
4271928	X								w/ TURBO
4271928	X								w/ TURBO
4271928	X								w/ TURBO
4271928	X								w/ TURBO
4271928	X								w/ TURBO

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
2212	2.2L	135	600	1986 - 1988	4	K 2.2T	C & F	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	CARAVELLE	1986 - 1988	4	K 2.2T	C & F	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	CHARGER	1986 - 1987	4	K 2.2T	C & F	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	DAYTONA	1986 - 1988	4	K 2.2T	C & F	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	LANCER	1986 - 1988	4	K 2.2T	C & F	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	LASER	1986 ONLY	4	K 2.2T	CARB	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	LeBARON	1986 - 1988	4	K 2.2T	C & F	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	LeBARON GTS	1986 - 1988	4	K 2.2T	C & F	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	NEW YORKER	1986 - 1988	4	K 2.2T	C & F	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	OMNI	1986 ONLY	4	K 2.2T	CARB	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	RELIANT	1988 ONLY	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	SHADOW	1987 - 1988	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	SUNDANCE	1987 - 1988	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	400	1982 - 1983	4	K 2.2	C & F	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	600	1983 - 1988	4	K 2.2	C & F	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	ACCLAIM	1990 - 1992	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	ARIES	1981 - 1988	4	K 2.2	C & F	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	CARAVAN	1984 - 1987	4	K 2.2	C & F	S.O.H.C.	4626575	SWC10003*
2212	2.2L	135	CARAVELLE	1985 - 1988	4	K 2.2	C & F	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	CHARGER	1983 - 1987	4	K 2.2	C & F	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	DAKOTA	1987 - 1988	4	K 2.2	F.I.	S.O.H.C.	4626575	SWC10003*
2212	2.2L	135	DAYTONA	1984 - 1986	4	K 2.2	CARB	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	DAYTONA	1990 - 1993	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	DYNASTY	1990 - 1993	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	E CLASS	1983 - 1984	4	K 2.2	CARB	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	HORIZON	1985 - 1990	4	K 2.2	C & F	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	LANCER	1985 - 1988	4	K 2.2	C & F	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	LASER	1984 - 1986	4	K 2.2	CARB	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	LeBARON	1982 - 1990	4	K 2.2	C & F	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	LeBARON GTS	1985 - 1988	4	K 2.2	C & F	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	Mini Ram Van	1984 - 1987	4	K 2.2	C & F	S.O.H.C.	4626575	SWC10003*
2212	2.2L	135	NEW YORKER	1983 - 1985	4	K 2.2	CARB	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	OMNI	1981 - 1990	4	K 2.2	C & F	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	RELIANT	1985 - 1988	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	SHADOW	1987 - 1993	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	SPIRIT	1990 - 1993	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	SUNDANCE	1987 - 1988	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	SUNDANCE	1990 - 1992	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	SUNDANCE	1993 - 1994	4	K 2.2	F.I.	S.O.H.C.	4626575	SWC10003*
2212	2.2L	135	TURISMO	1985 - 1987	4	K 2.2	C & F	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	VOYAGER	1984 - 1987	4	K 2.2	C & F	S.O.H.C.	4626575	SWC10003*
2212	2.2L	135	Grand Caraven	1987 - 1988	4	K 2.2	F.I.	S.O.H.C.	4626575	SWC10003*

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
4397634	X		87.50	1.50	1.50		4.00		w/ TURBO
4397634	X		3.445	0.059	0.059		0.157		w/ TURBO
4397634	X								w/ TURBO
4397634	X								w/ TURBO
4397634	X								w/ TURBO
4397634	X								w/ TURBO
4397634	X								w/ TURBO
4397634	X								w/ TURBO
4397634	X								w/ TURBO
4397634	X								w/ TURBO
4397634	X								w/ TURBO
4397634	X								w/ TURBO
4397634	X								w/ TURBO
4626119	X		87.50	1.50	1.50		4.00		Normally Aspirated
4626119	X		3.445	0.059	0.059		0.157		Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4626119	X								Normally Aspirated
4797636	X		87.50	1.50	1.50		4.00		
			3.445	0.059	0.059		0.157		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
2212	2.2L	135	600	1987 - 1988	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	CHARGER	1987 ONLY	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	DAYTONA	1987 - 1990	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	LANCER	1987 - 1988	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	SHADOW	1987 - 1990	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	SPIRIT	1990 ONLY	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	ARIES	1989 ONLY	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	DAYTONA	1989 ONLY	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	HORIZON	1989 ONLY	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	LANCER	1989 ONLY	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	LeBARON	1989 ONLY	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	OMNI	1989 ONLY	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	RELIANT	1989 ONLY	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	SHADOW	1989 ONLY	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	SUNDANCE	1989 ONLY	4	K 2.2	F.I.	S.O.H.C.	4626636	SWC10003
2212	2.2L	135	CARAVAN	1990 ONLY	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	LeBARON	1989 - 1992	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	VOYAGER	1990 ONLY	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	DAYTONA	1991 - 1993	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	SHADOW	1991 - 1992	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	SPIRIT	1991 - 1992	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	SHADOW	1994 ONLY	4	K 2.2	F.I.	S.O.H.C.	4626575	SWC10003*
2212	2.2L	135	CARAVAN	1989 ONLY	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	DAYTONA	1989 ONLY	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	Grand Voyager	1989 ONLY	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	LANCER	1989 ONLY	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	SHADOW	1989 ONLY	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	SPIRIT	1989 ONLY	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2212	2.2L	135	VOYAGER	1989 ONLY	4	K 2.2T	F.I.	D.O.H.C.	4411977	SWC10003
2346	2.3L	143	RAM 50	1983 - 1985	4	4D55	DIESEL		MD103391	SDM31038
2350	2.4L	143	COLT VISTA	1990 - 1992	4	4G64	F.I.	S.O.H.C.	MD085346	SWM31037
2350	2.4L	143	RAM 50	1990 - 1993	4	4G64	F.I.	S.O.H.C.	MD085346	SWM31037
2350	2.4L	143	SUMMIT	1992 ONLY	4	G64B	F.I.	S.O.H.C.	MD085346	SWM31037
2350	2.4L	143	COLT VISTA	1993 - 1994	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116
2350	2.4L	143	SUMMIT	1993 - 1996	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116
2350	2.4L	143	SEBRING	2001 - 2005	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116
2350	2.4L	143	STRATUS	2001 - 2005	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
5241059	X		87.50	1.50	1.50		4.00		w/ TURBO, Intercooler
5241059	X		3.445	0.059	0.059		0.157		w/ TURBO, Intercooler
5241059	X								w/ TURBO, Intercooler
5241059	X								w/ TURBO, Intercooler
5241059	X								w/ TURBO
4425207	X		87.50	1.50	1.50		4.00		
4425207	X		3.445	0.059	0.059		0.157		
4425207	X								
4425207	X								
4425207	X								
4425207	X								
4425207	X								
4425207	X								
4637664	X		87.50	1.50	1.50		4.00		w/ TURBO
4637664	X		3.445	0.059	0.059		0.157		w/ TURBO
4637664	X								w/ TURBO
4442960	X		87.50	1.50	1.50		4.00		w/ TURBO
4442960	X		3.445	0.059	0.059		0.157		w/ TURBO
4442960	X								w/ TURBO
4773796	X		87.50	1.50	1.50		4.00		
			3.445	0.059	0.059		0.157		
5241089	X		87.50	1.50	1.50		4.00		w/ TURBO
5241089	X		3.445	0.059	0.059		0.157		w/ TURBO
5241089	X								w/ TURBO
5241089	X								w/ TURBO
5241089	X								w/ TURBO
5241089	X								w/ TURBO
5241089	X								w/ TURBO
MD103308	11-028	295	91.10	2.50	2.00		4.00		
			3.587	0.098	0.079		0.157		
MD105377	11-538	309	86.50	1.50	1.50		4.00		12 VALVE
MD105377	11-538	309	3.406	0.059	0.059		0.157		12 VALVE
MD105377	11-538	309							WAGON, 12 VALVE
MD188115	11-709	329	86.50	1.20	1.50		2.80		
MD188115	11-709	329	3.406	0.047	0.059		0.110		WAGON
MD357067	11-804	346	86.50	1.20	1.50		2.80		COUPE, 16 VALVE
MD357066	11-804	346	3.406	0.047	0.059		0.110		COUPE, 16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
2359	2.4L	144	200	2011 - 2012	4	GEMA 2.4	F.I.	D.O.H.C.	5191424AA	SWG30041
2359	2.4L	144	AVENGER	2007 - 2012	4	GEMA 2.4	F.I.	D.O.H.C.	5191424AA	SWG30041
2359	2.4L	144	CALIBER	2006 - 2012	4	GEMA 2.4	F.I.	D.O.H.C.	5191424AA	SWG30041
2359	2.4L	144	COMPASS	2007 - 2012	4	GEMA 2.4	F.I.	D.O.H.C.	5191424AA	SWG30041
2359	2.4L	144	JOURNEY	2009 - 2012	4	GEMA 2.4	F.I.	D.O.H.C.	5191424AA	SWG30041
2359	2.4L	144	PATRIOT	2007 - 2012	4	GEMA 2.4	F.I.	D.O.H.C.	5191424AA	SWG30041
2359	2.4L	144	SEBRING	2007 - 2010	4	GEMA 2.4	F.I.	D.O.H.C.	5191424AA	SWG30041
2360	2.4L	144	CALIBER	2007 - 2009	4	GEMA 2.4T	F.I.	D.O.H.C.	68032259AB	NA
2429	2.4L	148	BREEZE	1998 - 1999	4	EDZ 2.4	F.I.	D.O.H.C.	4897024AA	SWC10004
2429	2.4L	148	CARAVAN	1998 - 2000	4	EDZ 2.4	F.I.	D.O.H.C.	4897024AA	SWC10004
2429	2.4L	148	CIRRUS	2000 ONLY	4	EDZ 2.4	F.I.	D.O.H.C.	4897024AA	SWC10004
2429	2.4L	148	SEBRING	1998 ONLY	4	EDZ 2.4	F.I.	D.O.H.C.	4897024AA	SWC10004
2429	2.4L	148	STRATUS	1998 - 2000	4	EDZ 2.4	F.I.	D.O.H.C.	4897024AA	SWC10004
2429	2.4L	148	VOYAGER	1998 - 2000	4	EDZ 2.4	F.I.	D.O.H.C.	4897024AA	SWC10004
2429	2.4L	148	Liberty	2002 - 2004	4	EDZ 2.4	F.I.	D.O.H.C.	4897024AA	SWC10004
2429	2.4L	148	PT CRUISER	2001 ONLY	4	EDZ 2.4	F.I.	D.O.H.C.	4897024AA	SWC10004
2429	2.4L	148	SEBRING	2001 ONLY	4	EDZ 2.4	F.I.	D.O.H.C.	4897024AA	SWC10004
2429	2.4L	148	STRATUS	2001 ONLY	4	EDZ 2.4	F.I.	D.O.H.C.	4897024AA	SWC10004
2429	2.4L	148	BREEZE	1997 ONLY	4	EDZ 2.4	F.I.	D.O.H.C.	4773005	SWC10007
2429	2.4L	148	CARAVAN	1996 - 1997	4	EDZ 2.4	F.I.	D.O.H.C.	4773005	SWC10007
2429	2.4L	148	CIRRUS	1995 - 1997	4	EDZ 2.4	F.I.	D.O.H.C.	4773005	SWC10007
2429	2.4L	148	Grand Caraven	1996 - 1997	4	EDZ 2.4	F.I.	D.O.H.C.	4773005	SWC10007
2429	2.4L	148	Grand Voyager	1996 - 1997	4	EDZ 2.4	F.I.	D.O.H.C.	4773005	SWC10007
2429	2.4L	148	SEBRING	1996 - 1997	4	EDZ 2.4	F.I.	D.O.H.C.	4773005	SWC10007
2429	2.4L	148	STRATUS	1995 - 1997	4	EDZ 2.4	F.I.	D.O.H.C.	4773005	SWC10007
2429	2.4L	148	CARAVAN	2001 - 2004	4	EDZ 2.4	F.I.	D.O.H.C.	4773005	SWC10007
2429	2.4L	148	Liberty	2005 ONLY	4	EDZ Power Tech 2.4	F.I.	D.O.H.C.	5073524AA	SWC10007
2429	2.4L	148	PT CRUISER	2002 ONLY	4	EDZ 2.4	F.I.	D.O.H.C.	4773005	SWC10007
2429	2.4L	148	PT CRUISER	2003 - 2008	4	EDZ Power Tech 2.4	F.I.	D.O.H.C.	5073524AA	SWC10007
2429	2.4L	148	SEBRING	2002 ONLY	4	EDZ 2.4	F.I.	D.O.H.C.	4773005	SWC10007
2429	2.4L	148	SEBRING	2002 ONLY	4	EDZ 2.4	F.I.	D.O.H.C.	4773005	SWC10007
2429	2.4L	148	SEBRING	2003 - 2006	4	EDZ Power Tech 2.4	F.I.	D.O.H.C.	5073524AA	SWC10007
2429	2.4L	148	SEBRING	2003 - 2006	4	EDZ Power Tech 2.4	F.I.	D.O.H.C.	5073524AA	SWC10007
2429	2.4L	148	STRATUS	2002 ONLY	4	EDZ 2.4	F.I.	D.O.H.C.	4773005	SWC10007
2429	2.4L	148	STRATUS	2003 - 2006	4	EDZ Power Tech 2.4	F.I.	D.O.H.C.	5073524AA	SWC10007
2429	2.4L	148	VOYAGER	2001 - 2003	4	EDZ 2.4	F.I.	D.O.H.C.	4773005	SWC10007
2429	2.4L	148	WRANGLER	2003 - 2006	4	EDZ Power Tech 2.4	F.I.	D.O.H.C.	5073524AA	SWC10007
2429	2.4L	148	NEON	2003 - 2006	4	EDT 2.4	F.I.	D.O.H.C.	5093441AA	SWC10010
2429	2.4L	148	PT CRUISER	2003 - 2009	4	EDT 2.4	F.I.	D.O.H.C.	5093441AA	SWC10010
2429	2.4L	148	SRT-4	2005 - 2006	4	EDT 2.4	F.I.	D.O.H.C.	5093441AA	SWC10010

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
-	X		88.00	1.20	1.20		2.00		16 VALVE
-	X		3.465	0.047	0.047		0.079		16 VALVE
-	X								16 VALVE
-	X								16 VALVE
-	X								16 VALVE
-	X								16 VALVE
-	X								16 VALVE
-	X		88.00						w/ TURBO, 16 VALVE
			3.465	0.000	0.000		0.000		
4897660AA	DISC. 11-813		87.50	1.20	1.50		3.00		16 VALVE
4897660AA	DISC. 11-813		3.445	0.047	0.059		0.118		16 VALVE
4897660AA	DISC. 11-813								16 VALVE
4897660AA	DISC. 11-813								16 VALVE
4897660AA	DISC. 11-813								16 VALVE
4897660AA	DISC. 11-813								16 VALVE
5017799AA	X		87.50	1.20	1.50		3.00		16 VALVE
5017799AA	X		3.445	0.047	0.059		0.118		16 VALVE
5017799AA	X								SEDAN
5017799AA	X								SEDAN
4796212	X		87.50	1.50	1.50		3.00		16 VALVE
4796212	X		3.445	0.059	0.059		0.118		16 VALVE
4796212	X								16 VALVE
4796212	X								16 VALVE
4796212	X								16 VALVE
4796212	X								16 VALVE
4796212	X								16 VALVE
5066565AA	11-814	348	87.50	1.50	1.50		3.00		16 VALVE
5066565AB	11-814	348	3.445	0.059	0.059		0.118		16 VALVE
5066565AA	11-814	348							16 VALVE
5066565AB	11-814	348							16 VALVE
5066565AA	11-814	348							CONVERTIBLE, 16 VALVE
5066565AA	11-814	348							SEDAN, 16 VALVE
5066565AA	11-814	348							CONVERTIBLE. 16 VALVE
5066565AA	11-814	348							SEDAN, 16 VALVE
5066565AA	11-814	348							SEDAN, 16 VALVE
5066565AB	11-814	348							16 VALVE
5066565AA	11-814	348							16 VALVE
5066565AA	11-814	348							16 VALVE
4884247AC	X		87.50	1.20	1.50		2.50		SRT-4, 16 VALVE
4884247AC	X		3.445	0.047	0.059		0.098		w/ TURBO, 16 VALVE
4884247AC	X								NEON, 16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
2464	2.5L	150	DAKOTA	1996 - 2000	4	AMC 150	F.I.	O.H.V.	4798324	SWC10011
2464	2.5L	150	WRANGLER	2001 - 2002	4	AMC 150	F.I.	O.H.V.	4798324	SWC10011
2464	2.5L	150	CHEROKEE	1993 - 2000	4	AMC 150	F.I.	O.H.V.	4798324	SWC10011
2464	2.5L	150	DAKOTA	2001 - 2002	4	AMC 150	F.I.	O.H.V.	4798324	SWC10011
2464	2.5L	150	CJ7	1983 - 1986	4	AMC 150	CARB	O.H.V.	83501987	SWC10014
2464	2.5L	150	CHEROKEE	1984 - 1993	4	AMC 150	CARB	O.H.V.	83501987	SWC10014
2464	2.5L	150	COMANCHE	1986 - 1987	4	AMC 150	C & F	O.H.V.	83501987	SWC10014
2464	2.5L	150	COMANCHE	1988 - 1992	4	AMC 150	C & F	O.H.V.	83501987	SWC10014
2464	2.5L	150	EAGLE	1983 - 1984	4	AMC 150	CARB	O.H.V.	83501987	SWC10014
2464	2.5L	150	PREMIER	1988 - 1989	4	AMC 150	F.I.	O.H.V.	83501987	SWC10014
2464	2.5L	150	SCRAMBLER	1984 - 1985	4	AMC 150	CARB	O.H.V.	83501987	SWC10014
2464	2.5L	150	WAGONEER	1984 - 1990	4	AMC 150	C & F	O.H.V.	83501987	SWC10014
2464	2.5L	150	WRANGLER	1987 - 1993	4	AMC 150	F.I.	O.H.V.	83501987	SWC10014
2464	2.5L	150	CHEROKEE	1994 - 1995	4	AMC 150	F.I.	O.H.V.	4762461	SWC10014*
2464	2.5L	150	WRANGLER	1997 - 2000	4	AMC 150	F.I.	O.H.V.	4762461	SWC10014*
2497	2.5L	152	AVENGER	2000 ONLY	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	AVENGER	2000 ONLY	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	CIRRUS	1998 - 2000	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	CIRRUS	1998 - 2000	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	SEBRING	1998 - 2000	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	SEBRING	1998 - 2000	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	STRATUS	2000 ONLY	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	STRATUS	2000 ONLY	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	AVENGER	1995 - 1999	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	AVENGER	1995 - 1999	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	CIRRUS	1995 - 1997	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	CIRRUS	1995 - 1997	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	SEBRING	1995 - 1997	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	SEBRING	1995 - 1997	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	STRATUS	1995 - 1999	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2497	2.5L	152	STRATUS	1995 - 1999	V6	6G73	F.I.	S.O.H.C.	MD310258	SWC10009
2499	2.5L	152	CARAVAN	2005 - 2008	4	152 cbi eng.	F.I.	D.O.H.C.	-	NA

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
4798329	X		98.43	1.50	1.50		4.00		8 VALVE
4798329	X		3.875	0.059	0.059		0.157		8 VALVE
4798329AC	X		98.43	1.50	1.50		4.00		8 VALVE
4798329AC	X		3.875	0.059	0.059		0.157		8 VALVE
83500251	X		98.43	1.98	1.98		4.76		
83500251	X		3.875	0.078	0.078		0.188		
83500251	X								
83500251	X								
83500251	X								
83500251	X								
83500251	X								
83500251	X								
83500251	X								
4897010AA	X		98.43	1.98	1.98		4.76		8 VALVE
4897010AA	X		3.875	0.078	0.078		0.188		8 VALVE
MD344294	NA		83.50	1.20	1.50		3.00		RIGHT
MD344288	NA		83.50	1.20	1.50		3.00		LEFT
MD344294	NA		3.287	0.047	0.059		0.118		RIGHT
MD344288	NA		3.287	0.047	0.059		0.118		LEFT
MD344294	NA								RIGHT
MD344288	NA								LEFT
MD344294	NA								RIGHT
MD344288	NA								LEFT
MD309393	11-808	347	83.50	1.20	1.50		3.00		RIGHT
MD309399	11-808	347	83.50	1.20	1.50		3.00		LEFT
MD309393	11-808	347	3.287	0.047	0.059		0.118		RIGHT
MD309399	11-808	347	3.287	0.047	0.059		0.118		LEFT
MD309393	11-808	347							RIGHT
MD309399	11-808	347							LEFT
MD309393	11-808	347							RIGHT
MD309399	11-808	347							LEFT
-	X		87.50						16 VALVE
			3.445	0.000	0.000		0.000		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
2507	2.5L	153	600	1986 - 1988	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	ARIES	1986 - 1988	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	CARAVAN	1987 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626575	SWC10003*
2507	2.5L	153	CARAVELLE	1986 - 1988	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	DAYTONA	1986 - 1988	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	DYNASTY	1988 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	Grand Voyager	1987 - 1988	4	K 2.5	F.I.	S.O.H.C.	4626575	SWC10003*
2507	2.5L	153	LANCER	1986 - 1988	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	LASER	1986 ONLY	4	K 2.5	CARB	S.O.H.C.	4626575	SWC10003*
2507	2.5L	153	LeBARON	1986 - 1988	4	K 2.5	C & F	S.O.H.C.	4626575	SWC10003*
2507	2.5L	153	LeBARON GTS	1986 - 1988	4	K 2.5	C & F	S.O.H.C.	4626575	SWC10003*
2507	2.5L	153	NEW YORKER	1986 ONLY	4	K 2.5	CARB	S.O.H.C.	4626575	SWC10003*
2507	2.5L	153	RELIANT	1986 - 1988	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	SHADOW	1988 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	SUNDANCE	1988 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	VOYAGER	1987 - 1988	4	K 2.5	F.I.	S.O.H.C.	4626575	SWC10003*
2507	2.5L	153	ACCLAIM	1989 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	CARAVAN	1989 - 1993	4	K 2.5	F.I.	S.O.H.C.	4626575	SWC10003*
2507	2.5L	153	DAKOTA	1989 - 1991	4	K 2.5	F.I.	S.O.H.C.	4626575	SWC10003*
2507	2.5L	153	DAKOTA	1992 - 1993	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	DAYTONA	1989 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	DYNASTY	1989 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	Grand Caraven	1989 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626575	SWC10003*
2507	2.5L	153	Grand Voyager	1989 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	LANCER	1989 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	LeBARON	1989 - 1994	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	OMNI	1989 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	RELIANT	1989 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	SHADOW	1989 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	SPIRIT	1989 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	SUNDANCE	1989 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	VOYAGER	1989 - 1993	4	K 2.5	F.I.	S.O.H.C.	4626575	SWC10003*
2507	2.5L	153	ACCLAIM	1989 ONLY	4	K 2.5T	F.I.	S.O.H.C.	4636499	SWC10003*
2507	2.5L	153	LeBARON	1990 ONLY	4	K 2.5T	F.I.	S.O.H.C.	4626575	SWC10003*
2507	2.5L	153	SUNDANCE	1989 ONLY	4	K 2.5T	F.I.	S.O.H.C.	4636499	SWC10003*
2507	2.5L	153	ACCLAIM	1990 ONLY	4	K 2.5T	F.I.	S.O.H.C.	4636499	SWC10003*
2507	2.5L	153	SUNDANCE	1990 - 1992	4	K 2.5T	F.I.	S.O.H.C.	4636499	SWC10003*
2507	2.5L	153	ACCLAIM	1995 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	CARAVAN	1994 - 1995	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	DAKOTA	1994 - 1995	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	SHADOW	1994 ONLY	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	SPIRIT	1994 - 1995	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	SUNDANCE	1993 - 1994	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2507	2.5L	153	VOYAGER	1994 - 1995	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
4397636	X		87.50	1.50	1.50		4.00		Normally Aspirated, 8 VALVE
4397636	X		3.445	0.059	0.059		0.157		Normally Aspirated, 8 VALVE
4397636	X								Normally Aspirated, 8 VALVE
4397636	X								Normally Aspirated, 8 VALVE
4397636	X								Normally Aspirated, 8 VALVE
4397636	X								Normally Aspirated, 8 VALVE
4397636	X								Normally Aspirated, 8 VALVE
4397636	X								Normally Aspirated, 8 VALVE
4397636	X								Normally Aspirated, 8 VALVE
4397636	X								Normally Aspirated, 8 VALVE
4397636	X								Normally Aspirated, 8 VALVE
4397636	X								Normally Aspirated, 8 VALVE
4397636	X								Normally Aspirated, 8 VALVE
4397636	X								Normally Aspirated, 8 VALVE
4397636	X								Normally Aspirated, 8 VALVE
5241055	X		87.50	1.50	1.50		4.00		Normally Aspirated, 8 VALVE
5241055	X		3.445	0.059	0.059		0.157		Normally Aspirated, 8 VALVE
5241055	X								Normally Aspirated, 8 VALVE
5241055	X								Normally Aspirated, 8 VALVE
5241055	X								Normally Aspirated, 8 VALVE
5241055	X								Normally Aspirated, 8 VALVE
5241055	X								Normally Aspirated, 8 VALVE
5241055	X								Normally Aspirated, 8 VALVE
5241055	X								Normally Aspirated, 8 VALVE
5241055	X								Normally Aspirated, 8 VALVE
5241055	X								Normally Aspirated, 8 VALVE
5241055	X								Normally Aspirated, 8 VALVE
5241055	X								Normally Aspirated, 8 VALVE
5241055	X								Normally Aspirated, 8 VALVE
5241055	X								Normally Aspirated, 8 VALVE
4637664	X		87.50	1.50	1.50		4.00		w/ TURBO
4637664	X		3.445	0.059	0.059		0.157		w/ TURBO
4637664	X								w/ TURBO
5241059	X		87.50	1.50	1.50		4.00		w/ TURBO
5241059	X		3.445	0.059	0.059		0.157		w/ TURBO
4728945	X		87.50	1.50	1.50		4.00		Normally Aspirated, 8 VALVE
4728945	X		3.445	0.059	0.059		0.157		Normally Aspirated, 8 VALVE
4728945	X								Normally Aspirated, 8 VALVE
4728945	X								Normally Aspirated, 8 VALVE
4728945	X								Normally Aspirated, 8 VALVE
4728945	X								Normally Aspirated, 8 VALVE
4728945	X								Normally Aspirated, 8 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
2507	2.5L	153	VOYAGER	1996 - 1997	4	K 2.5	F.I.	S.O.H.C.	4626636	SWC10003
2555	2.6L	156	ARROW	1979 - 1980	4	G54B	CARB	S.O.H.C.	MD025080	SWM31047
2555	2.6L	156	ARROW PICKUP	1979 - 1980	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	ARROW PICKUP	1981 ONLY	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	CHALLENGER	1978 - 1980	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	COLT	1978 - 1980	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	RAM 50	1979 - 1980	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	RAM 50	1981 ONLY	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	SAPORO	1978 - 1980	4	G54B	CARB	S.O.H.C.	MD025080	SWM31047
2555	2.6L	156	400	1982 - 1983	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	600	1983 - 1984	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	ARIES	1981 - 1984	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	ARROW PICKUP	1982 ONLY	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	CARAVAN	1983 - 1984	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	CHALLENGER	1981 - 1984	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	CONQUEST	1984 ONLY	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	E CLASS	1983 - 1984	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	EXECUTIVE	1983 - 1984	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	LeBARON	1982 - 1984	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	Mini Ram Van	1983 - 1984	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	NEW YORKER	1983 - 1984	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	RAM 50	1982 - 1985	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	RELIANT	1981 - 1984	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	SAPORO	1978 - 1983	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	TOWN & COUNTRY	1982 - 1984	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	VOYAGER	1984 ONLY	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	600	1985 ONLY	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	ARIES	1985 ONLY	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	CARAVAN	1983 - 1987	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	CARAVAN	1984 - 1987	4	G54B	CARB	S.O.H.C.	MD076170	SWM31039
2555	2.6L	156	EXECUTIVE	1985 ONLY	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	Grand Voyager	1987 ONLY	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	LeBARON	1985 ONLY	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	Mini Ram Van	1983 - 1987	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	Mini Ram Van	1984 - 1987	4	G54B	CARB	S.O.H.C.	MD076170	SWM31039
2555	2.6L	156	NEW YORKER	1985 ONLY	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	RAIDER	1987 - 1989	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	RAM 50	1983 - 1993	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	RELIANT	1985 - 1988	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	TOWN & COUNTRY	1985 ONLY	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	VOYAGER	1984 - 1987	4	G54B	CARB	S.O.H.C.	MD076170	SWM31039
2555	2.6L	156	VOYAGER	1985 - 1987	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
4796212	X		87.50	1.50	1.50		4.00		Normally Aspirated, 8 VALVE
			3.445	0.059	0.059		0.157		
MD024947	DISC. 11-029		91.10	2.00	2.00		4.00		12 VALVE
MD024947	DISC. 11-029		3.587	0.079	0.079		0.157		12 VALVE
MD026861	DISC. 11-029								12 VALVE
MD024947	DISC. 11-029								
MD024947	DISC. 11-029								
MD024947	DISC. 11-029								
MD026861	DISC. 11-029								
MD024947	DISC. 11-029								
MD026921	11-031	295	91.10	2.00	2.00		4.00		12 VALVE
MD026921	11-031	295	3.587	0.079	0.079		0.157		12 VALVE
MD026921	11-031	295							12 VALVE
MD026921	11-031	295							12 VALVE
MD026921	11-031	295							12 VALVE
MD026921	11-031	295							12 VALVE
MD026921	11-031	295							12 VALVE
MD026921	11-031	295							12 VALVE
MD026921	11-031	295							12 VALVE
MD026921	11-031	295							12 VALVE
MD026921	11-031	295							12 VALVE
MD026921	11-031	295							12 VALVE
MD026921	11-031	295							12 VALVE
MD026921	11-031	295							12 VALVE
MD026921	11-031	295							12 VALVE
MD026921	11-031	295							12 VALVE
MD071172	11-035	295	91.10	1.50	1.50		4.00		12 VALVE
MD071172	11-035	295	3.587	0.059	0.059		0.157		12 VALVE
MD071172	11-035	295							w/ CALIF E.C.S., 12 VALVE
MD071172	11-035	295							12 VALVE
MD071172	11-035	295							12 VALVE
MD071172	11-035	295							12 VALVE
MD071172	11-035	295							12 VALVE
MD071172	11-035	295							w/ CALIF E.C.S., 12 VALVE
MD071172	11-035	295							12 VALVE
MD071172	11-035	295							12 VALVE
MD071172	11-035	295							12 VALVE
MD071172	11-035	295							12 VALVE
MD071172	11-035	295							12 VALVE
MD071172	11-035	295							12 VALVE
MD071172	11-035	295							12 VALVE
MD071172	11-035	295							w/ CALIF E.C.S., 12 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
2555	2.6L	156	CARAVELLE	1985 ONLY	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	CONQUEST	1985 - 1989	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2687	2.7L	164	SPRINTER 2500	2004 - 2007	5	OM612	DIESEL	D.O.H.C.	5138004AA	DISC. SDE10895
2687	2.7L	164	SPRINTER 3500	2004 - 2007	5	OM612	DIESEL	D.O.H.C.	5138004AA	DISC. SDE10895
2736	2.7L	167	300	2004 - 2010	V6	EER 2.7	F.I.	D.O.H.C.	4897027AA	SWC10001
2736	2.7L	167	AVENGER	2007 - 2008	V6	EER 2.7	F.I.	D.O.H.C.	4897027AA	SWC10001
2736	2.7L	167	CHARGER	2007 - 2008	V6	EER 2.7	F.I.	D.O.H.C.	4897027AA	SWC10001
2736	2.7L	167	CONCORDE	1998 - 2000	V6	EER 2.7	F.I.	D.O.H.C.	4897027AA	SWC10001
2736	2.7L	167	CONCORDE	2001 - 2004	V6	EER 2.7	F.I.	D.O.H.C.	4897027AA	SWC10001
2736	2.7L	167	INTERPID	1998 - 2000	V6	EER 2.7	F.I.	D.O.H.C.	4897027AA	SWC10001
2736	2.7L	167	INTERPID	2001 - 2002	V6	EER 2.7	F.I.	D.O.H.C.	4897027AA	SWC10001
2736	2.7L	167	MAGNUM	2005 - 2010	V6	EER 2.7	F.I.	D.O.H.C.	4897027AA	SWC10001
2736	2.7L	167	SEBRING	2001 - 2010	V6	EER 2.7	F.I.	D.O.H.C.	4897027AA	SWC10001
2736	2.7L	167	STRATUS	2001 - 2006	V6	EER 2.7	F.I.	D.O.H.C.	4897027AA	SWC10001
2768	2.8L	169	Liberty	2005 - 2006	4	VM Motori 2.8	DIESEL	D.O.H.C.	-	NA
2972	3.0L	181	STEALTH	1994 - 1996	V6	6G72	F.I.	D.O.H.C.	MD158334	SWM31078
2972	3.0L	181	STEALTH	1991 - 1993	V6	6G72	F.I.	D.O.H.C.	MD158334	SWM31078
2972	3.0L	181	ACCLAIM	1989 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	ACCLAIM	1989 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	CARAVAN	1987 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	CARAVAN	1987 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	DAYTONA	1988 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	DAYTONA	1988 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	DYNASTY	1988 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	DYNASTY	1988 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	Grand Caraven	1987 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	Grand Caraven	1987 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	Grand Voyager	1987 - 1989	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	Grand Voyager	1987 - 1989	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	LeBARON	1990 - 1995	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	LeBARON	1990 - 1995	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	Mini Ram Van	1987 - 1988	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	Mini Ram Van	1987 - 1988	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	NEW YORKER	1988 - 1990	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	NEW YORKER	1988 - 1990	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	RAIDER	1989 ONLY	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	RAIDER	1989 ONLY	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080

CHRYSLER - 6G72 COTINUED

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
MD128450	<i>DISC. 11-544</i>		91.10	1.50	1.50		4.00		w/ TURBO
MD128450	<i>DISC. 11-544</i>		3.587	0.059	0.059		0.157		w/ TURBO
5117317AA	X		88.00	2.50	2.00		3.00		Mercedes-Benz Engine, 20 VALVE
5117317AA	X		3.465	0.098	0.079		0.118		Mercedes-Benz Engine, 20 VALVE
5018627AB	11-780	343	86.00	1.50	1.50		3.00		24 VALVE
5018627AB	11-780	343	3.386	0.059	0.059		0.118		24 VALVE
5018627AB	11-780	343							24 VALVE
5003427AA*	11-780	343							24 VALVE
5018627AA*	11-780	343							24 VALVE
5003427AA	11-780	343							24 VALVE
5018627AA	11-780	343							24 VALVE
5018627AB	11-780	343							24 VALVE
5018627AA	11-780	343							CONVERTIBLE & SEDAN, 24 VALVE
5018627AA	11-780	343							SEDAN. 24 VALVE
-	X		94.17						16 VALVE
			3.707	0.000	0.000		0.000		
MD307958	11-543	309	91.10	1.20	1.50		3.00		24 VALVE
			3.587	0.047	0.059		0.118		
MD307972	11-547	310	91.10	1.20	1.50		3.00		24 VALVE
			3.587	0.047	0.059		0.118		
MD119671	11-549	310	91.10	1.50	1.50		4.00		RIGHT, 12 VALVE
MD152563	11-549	310	91.10	1.50	1.50		4.00		LEFT, 12 VALVE
MD119671	11-549	310	3.587	0.059	0.059		0.157		RIGHT, 12 VALVE
MD152563	11-549	310	3.587	0.059	0.059		0.157		LEFT, 12 VALVE
MD119671	11-549	310							RIGHT, 12 VALVE
MD152563	11-549	310							LEFT, 12 VALVE
MD119671	11-549	310							RIGHT, 12 VALVE
MD152563	11-549	310							LEFT, 12 VALVE
MD119671	11-549	310							RIGHT, 12 VALVE
MD152563	11-549	310							LEFT, 12 VALVE
MD119671	11-549	310							RIGHT, 12 VALVE
MD152563	11-549	310							LEFT, 12 VALVE
MD119671	11-549	310							RIGHT, 12 VALVE
MD152563	11-549	310							LEFT, 12 VALVE
MD119671	11-549	310							RIGHT, 12 VALVE
MD152563	11-549	310							LEFT, 12 VALVE
MD119671	11-549	310							RIGHT, 12 VALVE
MD152563	11-549	310							LEFT, 12 VALVE
CHRYSLER - 6G72 COTINUED									

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
2972	3.0L	181	RAM 50	1990 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	RAM 50	1990 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	SHADOW	1992 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	SHADOW	1992 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	SPIRIT	1989 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104936	SWM31080
2972	3.0L	181	SPIRIT	1989 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	STEALTH	1991 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	STEALTH	1991 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	SUNDANCE	1992 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	SUNDANCE	1992 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	VOYAGER	1987 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	VOYAGER	1987 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	STEALTH	1991 - 1996	V6	6G72	F.I.	D.O.H.C.	MD158334	SWM31078
2972	3.0L	181	ACCLAIM	1994 - 1995	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	ACCLAIM	1994 - 1995	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	CARAVAN	1994 - 2000	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	CARAVAN	1994 - 2000	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	Grand Caraven	1994 - 2000	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	Grand Caraven	1994 - 2000	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	Grand Voyager	1994 - 2000	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	Grand Voyager	1994 - 2000	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	SHADOW	1994 ONLY	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	SHADOW	1994 ONLY	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	SPIRIT	1994 - 1996	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	SPIRIT	1994 - 1996	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	STEALTH	1994 - 1996	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	STEALTH	1994 - 1996	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	SUNDANCE	1994 ONLY	V6	6G72	F.I.	S.O.H.C.	MD158334	SWM31078
2972	3.0L	181	SUNDANCE	1994 ONLY	V6	6G72	F.I.	S.O.H.C.	MD158334	SWM31078
2972	3.0L	181	VOYAGER	1994 - 2000	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	VOYAGER	1994 - 2000	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	SEBRING	2001 - 2006	V6	6G72	F.I.	S.O.H.C.	MD329755	SWM31078
2972	3.0L	181	STRATUS	2001 - 2006	V6	6G72	F.I.	S.O.H.C.	MD329755	SWM31078
2987	3.0L	182	Grand Cherokee	2007 - 2008	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	Grand Cherokee	2007 - 2008	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	SPRINTER 2500	2008 - 2010	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	SPRINTER 2500	2008 - 2010	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	SPRINTER 3500	2008 - 2010	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	SPRINTER 3500	2008 - 2010	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
3195	3.2L	195	CONCORDE	1998 - 2001	V6	EGW 3.2	F.I.	S.O.H.C.	4897032AA	SWC10008
3195	3.2L	195	INTERPID	1998 - 2001	V6	EGW 3.2	F.I.	S.O.H.C.	4897032AA	SWC10008

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
MD119671	11-549	310	91.10	1.50	1.50		4.00		RIGHT, 12 VALVE
MD152563	11-549	310	91.10	1.50	1.50		4.00		LEFT, 12 VALVE
MD119671	11-549	310	3.587	0.059	0.059		0.157		RIGHT, 12 VALVE
MD152563	11-549	310	3.587	0.059	0.059		0.157		LEFT, 12 VALVE
MD119671	11-549	310							RIGHT, 12 VALVE
MD152563	11-549	310							LEFT, 12 VALVE
MD119671	11-549	310							RIGHT, 12 VALVE
MD152563	11-549	310							LEFT, 12 VALVE
MD119671	11-549	310							RIGHT, 12 VALVE
MD152563	11-549	310							LEFT, 12 VALVE
MD119671	11-549	310							RIGHT, 12 VALVE
MD152563	11-549	310							LEFT, 12 VALVE
MD194347	NA		91.10	1.20	1.50		3.00		w/ TURBO, 24 VALVE
			3.587	0.047	0.059		0.118		
MD197808	11-707	328	91.10	1.20	1.50		3.00		RIGHT, 12 VALVE
MD197814	11-707	328	91.10	1.20	1.50		3.00		LEFT, 12 VALVE
MD197808	11-707	328	3.587	0.047	0.059		0.118		RIGHT, 12 VALVE
MD197814	11-707	328	3.587	0.047	0.059		0.118		LEFT, 12 VALVE
MD197808	11-707	328							RIGHT, 12 VALVE
MD197814	11-707	328							LEFT, 12 VALVE
MD197808	11-707	328							RIGHT, 12 VALVE
MD197814	11-707	328							LEFT, 12 VALVE
MD197808	11-707	328							RIGHT, 12 VALVE
MD197814	11-707	328							LEFT, 12 VALVE
MD197808	11-707	328							RIGHT, 12 VALVE
MD197814	11-707	328							LEFT, 12 VALVE
MD197808	11-707	328							RIGHT, 12 VALVE
MD197814	11-707	328							LEFT, 12 VALVE
MD197808	11-707	328							RIGHT, 12 VALVE
MD197814	11-707	328							LEFT, 12 VALVE
MD367089	11-817	348	91.10	1.20	1.50		3.00		COUPE, 24 VALVE
MD367088	11-817	348	3.587	0.047	0.059		0.118		COUPE
645 030 25 17	X		83.00	2.00	2.00		2.00		Mercedes-Benz Engine, LEFT, 24 VALVE
642 030 24 17	X		83.00	2.00	2.00		2.00		Mercedes-Benz Engine, RIGHT, 24 VALVE
645 030 25 17	X		3.268	0.079	0.079		0.079		Mercedes-Benz Engine, LEFT, 24 VALVE
642 030 24 17	X		3.268	0.079	0.079		0.079		Mercedes-Benz Engine, RIGHT, 24 VALVE
645 030 25 17	X								Mercedes-Benz Engine, LEFT, 24 VALVE
642 030 24 17	X								Mercedes-Benz Engine, RIGHT, 24 VALVE
5010332AA*	X		92.00	1.20	1.50		3.00		
5010332AA	X		3.622	0.047	0.059		0.118		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
3293	3.3L	201	CARAVAN	1990 - 1991	V6	EGA 3.3	F.I.	O.H.V.	5241051	SWC10002
3293	3.3L	201	CARAVAN	1992 - 1996	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	CONCORDE	1993 - 1996	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	Grand Caraven	1990 - 1991	V6	EGA 3.3	F.I.	O.H.V.	5241051	SWC10002
3293	3.3L	201	Grand Caraven	1992 - 1996	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	Grand Voyager	1990 - 1991	V6	EGA 3.3	F.I.	O.H.V.	5241051	SWC10002
3293	3.3L	201	INTERPID	1993 - 1995	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	TOWN & COUNTRY	1990 - 1993	V6	EGA 3.3	F.I.	O.H.V.	5241051	SWC10002
3293	3.3L	201	TOWN & COUNTRY	1996 ONLY	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	VISION	1993 - 1995	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	VOYAGER	1991 ONLY	V6	EGA 3.3	F.I.	O.H.V.	5241051	SWC10002
3293	3.3L	201	VOYAGER	1992 - 1996	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	CARAVAN	1997 - 2000	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	Grand Caraven	1997 - 2000	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	Grand Voyager	1992 - 2000	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	INTERPID	1996 - 1997	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	TOWN & COUNTRY	1997 - 2000	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	VISION	1996 ONLY	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	VOYAGER	1997 - 2000	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	CARAVAN	2001 - 2008	V6	EGA 3.3	F.I.	O.H.V.	4897033AA	SWC10002
3293	3.3L	201	DYNASTY	1990 - 1993	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	Grand Caraven	2001 - 2005	V6	EGA 3.3	F.I.	O.H.V.	4897033AA	SWC10002
3293	3.3L	201	Grand Caraven	2008 - 2010	V6	EGA 3.3	F.I.	O.H.V.	4897033AA	SWC10002
3293	3.3L	201	IMPERIAL	1990 - 1991	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	NEW YORKER	1991 - 1993	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	NEW YORKER 5	1990 - 1993	V6	EGA 3.3	F.I.	O.H.V.	5241052	SWC10002
3293	3.3L	201	TOWN & COUNTRY	2001 - 2010	V6	EGA 3.3	F.I.	O.H.V.	4897033AA	SWC10002
3293	3.3L	201	VOYAGER	2001 - 2003	V6	EGA 3.3	F.I.	O.H.V.	4897033AA	SWC10002
3498	3.5L	213	SPRINTER 2500	2008 ONLY	6	M272 E35	F.I.	D.O.H.C.	-	SWE12606
3498	3.5L	213	SPRINTER 3500	2008 ONLY	6	M272 E35	F.I.	D.O.H.C.	-	SWE12606
3507	3.5L	214	CONCORDE	1993 - 1994	V6	EGJ 3.5	F.I.	S.O.H.C.	4626660	SWC10005
3507	3.5L	214	CONCORDE	1993 - 1994	V6	EGJ 3.5	F.I.	S.O.H.C.	4626660	SWC10005
3507	3.5L	214	INTERPID	1993 - 1994	V6	EGJ 3.5	F.I.	S.O.H.C.	4626660	SWC10005
3507	3.5L	214	INTERPID	1993 - 1994	V6	EGJ 3.5	F.I.	S.O.H.C.	4626660	SWC10005
3507	3.5L	214	LHS	1994 ONLY	V6	EGJ 3.5	F.I.	S.O.H.C.	4626660	SWC10005
3507	3.5L	214	LHS	1994 ONLY	V6	EGJ 3.5	F.I.	S.O.H.C.	4626660	SWC10005
3507	3.5L	214	NEW YORKER	1994 ONLY	V6	EGJ 3.5	F.I.	S.O.H.C.	4626660	SWC10005
3507	3.5L	214	NEW YORKER	1994 ONLY	V6	EGJ 3.5	F.I.	S.O.H.C.	4626660	SWC10005
3507	3.5L	214	VISION	1993 - 1994	V6	EGJ 3.5	F.I.	S.O.H.C.	4626660	SWC10005
3507	3.5L	214	VISION	1993 - 1994	V6	EGJ 3.5	F.I.	S.O.H.C.	4626660	SWC10005

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
4778836	X		93.00	1.50	1.50		3.00		12 VALVE
4778836	X		3.661	0.059	0.059		0.118		SH. Oil, 12 VALVE
4778836*	X								SH. Oil
4778836	X								12 VALVE
4778836	X								SH. Oil, 12 VALVE
4778836	X								12 VALVE
4778836	X								SH. Oil, 12 VALVE
4778836	X								12 VALVE
4778836	X								SH. Oil, 12 VALVE
4778836	X								12 VALVE
4778836	X								SH. Oil, 12 VALVE
4778836	X								12 VALVE
4778836	X								SH. Oil, 12 VALVE
4798744	X		93.00	1.50	1.50		3.00		SH. Oil, 12 VALVE
4798744	X		3.661	0.059	0.059		0.118		SH. Oil, 12 VALVE
4798744	X								SH. Oil, 12 VALVE
4798744	X								SH. Oil, 12 VALVE
4798744	X								SH. Oil, 12 VALVE
4798744	X								SH. Oil, 12 VALVE
4897772AA	11-863	358	93.00	1.50	1.50		3.00		SH. Oil, 12 VALVE
5241057	11-863	358	3.661	0.059	0.059		0.118		SH. Oil
4897772AA	11-863	358							SH. Oil, 12 VALVE
4897772AA	11-863	358							12 VALVE
5241057	11-863	358							SH. Oil
5241057	11-863	358							SH. Oil
5241057	11-863	358							FIFTH AVENUE, SH Oil
4897772AA	11-863	358							12 VALVE
4897772AA	11-863	358							12 VALVE
-	X		92.90	1.50	1.75		2.50		Mercedes-Benz Engine, 24 VALVE
-	X		3.657	0.059	0.069		0.098		Mercedes-Benz Engine, 24 VALVE
4728709*	X		96.00	1.50	1.50		3.00		RIGHT
4728726*	X		96.00	1.50	1.50		3.00		LEFT
4728709	X		3.780	0.059	0.059		0.118		RIGHT
4728726	X		3.780	0.059	0.059		0.118		LEFT
4728709	X								RIGHT
4728726	X								LEFT
4728709	X								RIGHT
4728726	X								LEFT
4728709	X								RIGHT
4728726	X								LEFT

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
3518	3.5L	215	PROWLER	1999 - 2002	V6	EGG 3.5	F.I.	S.O.H.C.	4897035AA	SWC10013
3518	3.5L	215	LHS	1999 - 2001	V6	EGG 3.5	F.I.	S.O.H.C.	4897035AA	SWC10013
3518	3.5L	215	INTERPID	2000 - 2002	V6	EGG 3.5	F.I.	S.O.H.C.	4897035AA	SWC10013
3518	3.5L	215	CONCORDE	2002 - 2004	V6	EGG 3.5	F.I.	S.O.H.C.	4897035AA	SWC10013
3518	3.5L	215	300M	1999 - 2004	V6	EGG 3.5	F.I.	S.O.H.C.	4897035AA	SWC10013
3518	3.5L	215	PACIFICA	2004 - 2006	V6	EGG 3.5	F.I.	S.O.H.C.	4897035AA	SWC10013
3518	3.5L	215	300	2004 - 2006	V6	EGG 3.5	F.I.	S.O.H.C.	4897035AA	SWC10013
3518	3.5L	215	SEBRING	2007 - 2010	V6	EGG 3.5	F.I.	S.O.H.C.	4897035AA	SWC10013
3518	3.5L	215	MAGNUM	2005 - 2010	V6	EGG 3.5	F.I.	S.O.H.C.	4897035AA	SWC10013
3518	3.5L	215	JOURNEY	2009 - 2010	V6	EGG 3.5	F.I.	S.O.H.C.	4897035AA	SWC10013
3518	3.5L	215	CHARGER	2006 - 2010	V6	EGG 3.5	F.I.	S.O.H.C.	4897035AA	SWC10013
3518	3.5L	215	CHALLENGER	2009 - 2010	V6	EGG 3.5	F.I.	S.O.H.C.	4897035AA	SWC10013
3518	3.5L	215	AVENGER	2007 - 2010	V6	EGG 3.5	F.I.	S.O.H.C.	4897035AA	SWC10013
3518	3.5L	215	300	2007 - 2010	V6	EGG 3.5	F.I.	S.O.H.C.	4897035AA	SWC10013
3523	3.5L	215	CONCORDE	1995 - 1997	V6	EGJ 3.5	F.I.	S.O.H.C.	4773023	SWC10015
3523	3.5L	215	CONCORDE	1995 - 1997	V6	EGJ 3.5	F.I.	S.O.H.C.	4773023	SWC10015
3523	3.5L	215	INTERPID	1995 - 1997	V6	EGJ 3.5	F.I.	S.O.H.C.	4773023	SWC10015
3523	3.5L	215	INTERPID	1995 - 1997	V6	EGJ 3.5	F.I.	S.O.H.C.	4773023	SWC10015
3523	3.5L	215	LHS	1995 - 1997	V6	EGJ 3.5	F.I.	S.O.H.C.	4773023	SWC10015
3523	3.5L	215	LHS	1995 - 1997	V6	EGJ 3.5	F.I.	S.O.H.C.	4773023	SWC10015
3523	3.5L	215	NEW YORKER	1995 - 1996	V6	EGJ 3.5	F.I.	S.O.H.C.	4773023	SWC10015
3523	3.5L	215	NEW YORKER	1995 - 1996	V6	EGJ 3.5	F.I.	S.O.H.C.	4773023	SWC10015
3523	3.5L	215	PROWLER	1997 ONLY	V6	EGJ 3.5	F.I.	S.O.H.C.	4773023	SWC10015
3523	3.5L	215	PROWLER	1997 ONLY	V6	EGJ 3.5	F.I.	S.O.H.C.	4773023	SWC10015
3523	3.5L	215	VISION	1995 - 1997	V6	EGJ 3.5	F.I.	S.O.H.C.	4773023	SWC10015
3523	3.5L	215	VISION	1995 - 1997	V6	EGJ 3.5	F.I.	S.O.H.C.	4773023	SWC10015
3604	3.6L	220	200	2011 - 2012	V6	PENTASTAR 3.6	F.I.	D.O.H.C.	-	NA
3604	3.6L	220	300	2011 - 2012	V6	PENTASTAR 3.6	F.I.	D.O.H.C.	-	NA
3604	3.6L	220	AVENGER	2011 - 2012	V6	PENTASTAR 3.6	F.I.	D.O.H.C.	-	NA
3604	3.6L	220	CHALLENGER	2011 - 2012	V6	PENTASTAR 3.6	F.I.	D.O.H.C.	-	NA
3604	3.6L	220	CHARGER	2011 - 2012	V6	PENTASTAR 3.6	F.I.	D.O.H.C.	-	NA
3604	3.6L	220	DURANGO	2011 - 2012	V6	PENTASTAR 3.6	F.I.	D.O.H.C.	-	NA
3604	3.6L	220	Grand Caraven	2011 - 2012	V6	PENTASTAR 3.6	F.I.	D.O.H.C.	-	NA
3604	3.6L	220	Grand Cherokee	2011 - 2012	V6	PENTASTAR 3.6	F.I.	D.O.H.C.	-	NA
3604	3.6L	220	JOURNEY	2011 - 2012	V6	PENTASTAR 3.6	F.I.	D.O.H.C.	-	NA
3604	3.6L	220	TOWN & COUNTRY	2011 - 2012	V6	PENTASTAR 3.6	F.I.	D.O.H.C.	-	NA

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
5010335AB*	11-875		96.00	1.20	1.50		3.00		24 VALVE
5010335AB*	11-875		3.780	0.047	0.059		0.118		24 VALVE
5010335AB*	11-875								24 VALVE
5010335AB*	11-875								24 VALVE
5010335AB*	11-875								24 VALVE
5102235AA	11-875		96.00	1.20	1.50		3.00		24 VALVE
			3.780	0.047	0.059		0.118		
5010335AA	11-875	361	96.00	1.20	1.50		3.00		24 VALVE
			3.780	0.047	0.059		0.118		
4892194AB	X		96.00	1.20	1.50		3.00		24 VALVE
4892194AB	X		3.780	0.047	0.059		0.118		SXT MODEL, 24 VALVE
4892194AB	X								24 VALVE
4892194AB	X								24 VALVE
4892194AB	X								24 VALVE
4892194AB	X								24 VALVE
4892194AB	X								24 VALVE
4883222*	X		96.00	1.20	1.50		3.00		RIGHT
4883223*	X		96.00	1.20	1.50		3.00		LEFT
4883222	X		3.780	0.047	0.059		0.118		RIGHT
4883223	X		3.780	0.047	0.059		0.118		LEFT
4883222	X								RIGHT
4883223	X								LEFT
4883222	X								RIGHT
4883223	X								LEFT
4883222	X								RIGHT, 24 VALVE
4883223	X								LEFT, 24 VALVE
4883222	X								RIGHT
4883223	X								LEFT
-	X		96.00						24 VALVE
-	X		3.780	0.000	0.000		0.000		24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X								24 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
3687	3.7L	225	ASPEN	1980 ONLY	L6	SLANT 6	CARB	O.H.V.	4131203	SWC10017
3687	3.7L	225	CORDOBA	1980 - 1983	L6	SLANT 6	CARB	O.H.V.	4131203	SWC10017
3687	3.7L	225	DIPLOMAT	1980 - 1983	L6	SLANT 6	CARB	O.H.V.	4131203	SWC10017
3687	3.7L	225	Fifth Avenue	1983 ONLY	L6	SLANT 6	CARB	O.H.V.	4131203	SWC10017
3687	3.7L	225	GRAN FURY	1980 - 1983	L6	SLANT 6	CARB	O.H.V.	4131203	SWC10017
3687	3.7L	225	LeBARON	1980 - 1981	L6	SLANT 6	CARB	O.H.V.	4131203	SWC10017
3687	3.7L	225	MIRADA	1980 - 1983	L6	SLANT 6	CARB	O.H.V.	4131203	SWC10017
3687	3.7L	225	NEW YORKER	1982 ONLY	L6	SLANT 6	CARB	O.H.V.	4131203	SWC10017
3687	3.7L	225	NEWPORT	1980 - 1981	L6	SLANT 6	CARB	O.H.V.	4131203	SWC10017
3687	3.7L	225	PICKUP	1974 - 1987	L6	SLANT 6	CARB	O.H.V.	4131205	SWC10017
3687	3.7L	225	PICKUP	1974 - 1987	L6	SLANT 6	CARB	O.H.V.	4131214	SWC10017
3687	3.7L	225	RAM VAN	1974 - 1987	L6	SLANT 6	CARB	O.H.V.	4131205	SWC10017
3687	3.7L	225	RAM VAN	1974 - 1987	L6	SLANT 6	CARB	O.H.V.	4131214	SWC10017
3687	3.7L	225	RAM WAGON	1974 - 1987	L6	SLANT 6	CARB	O.H.V.	4131205	SWC10017
3687	3.7L	225	RAM WAGON	1974 - 1987	L6	SLANT 6	CARB	O.H.V.	4131214	SWC10017
3687	3.7L	225	RAMCHARGER	1975 - 1980	L6	SLANT 6	CARB	O.H.V.	4131205	SWC10017
3687	3.7L	225	RAMCHARGER	1975 - 1980	L6	SLANT 6	CARB	O.H.V.	4131214	SWC10017
3687	3.7L	225	St. Regis	1980 ONLY	L6	SLANT 6	CARB	O.H.V.	4131203	SWC10017
3687	3.7L	225	TRAILDUSTER	1975 - 1980	L6	SLANT 6	CARB	O.H.V.	4131205	SWC10017
3687	3.7L	225	TRAILDUSTER	1975 - 1980	L6	SLANT 6	CARB	O.H.V.	4131214	SWC10017
3687	3.7L	225	VOLARE	1980 ONLY	L6	SLANT 6	CARB	O.H.V.	4131203	SWC10017
3687	3.7L	225	VOYAGER	1974 - 1983	L6	SLANT 6	CARB	O.H.V.	4131205	SWC10017
3687	3.7L	225	VOYAGER	1974 - 1983	L6	SLANT 6	CARB	O.H.V.	4131214	SWC10017
3701	3.7L	226	COMMANDER	2006 - 2010	V6	Power Tech 3.7	F.I.	S.O.H.C.	5012364AC	SWC10002
3701	3.7L	226	DAKOTA	2004 - 2012	V6	Power Tech 3.7	F.I.	S.O.H.C.	5012364AC	SWC10002
3701	3.7L	226	DURANGO	2004 - 2010	V6	Power Tech 3.7	F.I.	S.O.H.C.	5012364AC	SWC10002
3701	3.7L	226	Grand Cherokee	2005 - 2010	V6	Power Tech 3.7	F.I.	S.O.H.C.	5012364AC	SWC10002
3701	3.7L	226	Liberty	2002 - 2012	V6	Power Tech 3.7	F.I.	S.O.H.C.	5012364AC	SWC10002
3701	3.7L	226	NITRO	2007 - 2012	V6	Power Tech 3.7	F.I.	S.O.H.C.	5012364AC	SWC10002
3701	3.7L	226	PICKUP	2002 ONLY	V6	Power Tech 3.7	F.I.	S.O.H.C.	5012364AC	SWC10002
3701	3.7L	226	RAM 1500	2002 - 2012	V6	Power Tech 3.7	F.I.	S.O.H.C.	5012364AC	SWC10002
3778	3.8L	231	CARAVAN	2000 - 2008	V6	EGH 3.8	F.I.	O.H.V.	4773023	SWC10015
3778	3.8L	231	Grand Caraven	2001 - 2002	V6	EGH 3.8	F.I.	O.H.V.	4773023	SWC10015
3778	3.8L	231	Grand Caraven	2008 - 2010	V6	EGH 3.8	F.I.	O.H.V.	4773023	SWC10015
3778	3.8L	231	PACIFICA	2005 - 2010	V6	EGH 3.8	F.I.	O.H.V.	68001386AA	SWC10015
3778	3.8L	231	TOWN & COUNTRY	2001 - 2010	V6	EGH 3.8	F.I.	O.H.V.	4773023	SWC10015
3778	3.8L	231	WRANGLER	2007 - 2012	V6	EGH 3.8	F.I.	O.H.V.	4773023	SWC10015
3802	3.8L	232	CARAVAN	1996 - 1999	V6	EGH 3.8	F.I.	O.H.V.	4626388	SWC10005
3802	3.8L	232	Grand Caraven	1994 - 2000	V6	EGH 3.8	F.I.	O.H.V.	4626388	SWC10005
3802	3.8L	232	Grand Voyager	1994 - 2000	V6	EGH 3.8	F.I.	O.H.V.	4626388	SWC10005
3802	3.8L	232	IMPERIAL	1991 - 1993	V6	EGH 3.8	F.I.	O.H.V.	4626388	SWC10005
3802	3.8L	232	NEW YORKER 5	1991 - 1993	V6	EGH 3.8	F.I.	O.H.V.	4626388	SWC10005
3802	3.8L	232	TOWN & COUNTRY	1994 - 2000	V6	EGH 3.8	F.I.	O.H.V.	4626388	SWC10005

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1 S T	2 N D	3 R D	O 1	O 2	REMARK
JEEP, PLYMOUTH, RAM									
2084384	X		86.36	1.98	1.98		4.76		w/ Tin
2084384	X		3.400	0.078	0.078		0.188		w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2084384	X								w/ Tin
2484384	X								w/ Tin
2484384	X								w/ Tin
5019316AA	11-806	347	93.00	1.50	1.50		3.00		12 VALVE
5019316AA	11-806	347	3.661	0.059	0.059		0.118		12 VALVE
5019316AA	11-806	347							12 VALVE
5019316AA	11-806	347							12 VALVE
5019316AA	11-806	347							12 VALVE
5019316AA	11-806	347							12 VALVE
5019316AA	11-806	347							12 VALVE
5019316AA	11-806	347							12 VALVE
5019338AA*	11-864*	358	96.00	1.20	1.50		3.00		12 VALVE
5019338AA*	11-864*	358	3.780	0.047	0.059		0.118		12 VALVE
5019338AA*	11-864*	358							12 VALVE
4666129AA*	11-864*	358							12 VALVE
5019338AA*	11-864*	358							12 VALVE
5019338AA*	11-864*	358							12 VALVE
4797692	DISC. 11-815		96.00	1.50	1.50		3.00		12 VALVE
4797692	DISC. 11-815		3.780	0.059	0.059		0.118		12 VALVE
4797692	DISC. 11-815								12 VALVE
4797692	DISC. 11-815								12 VALVE
4797692	DISC. 11-815								FIFTH AVENUE, 12 VALVE
4797692	DISC. 11-815								12 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
3917	3.9L	239	DAKOTA	1987 - 1991	V6	LA 239	F.I.	O.H.V.	3780007	SWC10018
3917	3.9L	239	PICKUP	1988 - 1991	V6	LA 239	F.I.	O.H.V.	3780007	SWC10018
3917	3.9L	239	RAM VAN	1988 - 1991	V6	LA 239	F.I.	O.H.V.	3780007	SWC10018
3917	3.9L	239	RAM WAGON	1988 - 1991	V6	LA 239	F.I.	O.H.V.	3780007	SWC10018
3917	3.9L	239	RAMCHARGER	1988 - 1991	V6	LA 239	F.I.	O.H.V.	3780007	SWC10018
3917	3.9L	239	DAKOTA	1992 - 1993	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	PICKUP	1992 - 1993	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	RAM VAN	1992 - 1993	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	RAM WAGON	1992 - 1993	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	RAMCHARGER	1992 - 1993	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	DAKOTA	1994 - 1996	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	PICKUP	1994 - 1996	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	RAM 1500	1994 - 2001	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	RAM VAN	1994 - 1996	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	RAM WAGON	1994 - 1996	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	DAKOTA	1997 - 2003	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	DAKOTA	1997 - 2003	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	DURANGO	1998 - 1999	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	DURANGO	1998 - 1999	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	PICKUP	1997 - 2001	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	PICKUP	1997 - 2001	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	RAM VAN	1997 - 2001	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	RAM VAN	1997 - 2001	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	RAM WAGON	1997 - 2001	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3917	3.9L	239	RAM WAGON	1997 - 2001	V6	MAGNUM 3.9	F.I.	O.H.V.	4720653	SWC10006
3952	4.0L	241	Grand Caraven	2008 - 2010	V6	EGQ & EGS 4.0	F.I.	S.O.H.C.	4897035AB	SWC10013
3952	4.0L	241	NITRO	2007 - 2012	V6	EGQ & EGS 4.0	F.I.	S.O.H.C.	4897035AB	SWC10013
3952	4.0L	241	PACIFICA	2007 - 2010	V6	EGQ & EGS 4.0	F.I.	S.O.H.C.	4897035AB	SWC10013
3952	4.0L	241	TOWN & COUNTRY	2008 - 2010	V6	SMPI 4.0	F.I.	S.O.H.C.	4773023	SWC10015
3965	4.0L	242	Grand Cherokee	1993 ONLY	6	AMC 242	F.I.	O.H.V.	83501987	SWC10014 6CYL
3966	4.0L	242	CHEROKEE	1994 - 1995	6	AMC 242	F.I.	O.H.V.	4762462	SWC10014 6CYL
3966	4.0L	242	Grand Cherokee	1994 - 1995	6	AMC 242	F.I.	O.H.V.	4762462	SWC10014 6CYL
3966	4.0L	242	WRANGLER	1994 - 1995	6	AMC 242	F.I.	O.H.V.	4762462	SWC10014 6CYL
3966	4.0L	242	CHEROKEE	1996 - 2001	L6	Power Tech 4.0	F.I.	O.H.V.	4798878	SWC10012

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
4397779	11-855	356	99.31	1.98	1.98		4.76		
4397779	11-855	356	3.910	0.078	0.078		0.188		
4397779	11-855	356							
4397779	11-855	356							
4397779	11-855	356							
4762947	X		99.31	2.00	2.00		4.00		
4762947	X		3.910	0.079	0.079		0.157		
4762947	X								
4762947	X								
4762947	X								
4773392	X		99.31	2.00	2.00		4.00		12 VALVE
4773392	X		3.910	0.079	0.079		0.157		12 VALVE
4773392	X								12 VALVE
4773392	X								12 VALVE
4773392	X								12 VALVE
4778861AB	X		99.31	2.00	2.00		4.00		CYL #1,3,5, 12 VALVE
4778862AB	X		99.31	2.00	2.00		4.00		CYL #2,4,6, 12 VALVE
4778861AB	X		3.910	0.079	0.079		0.157		CYL #1,3,5, 12 VALVE
4778862AB	X		3.910	0.079	0.079		0.157		CYL #2,4,6, 12 VALVE
4778861AB	X								CYL #1,3,5, 12 VALVE
4778862AB	X								CYL #2,4,6, 12 VALVE
4778861AB	X								CYL #1,3,5, 12 VALVE
4778862AB	X								CYL #2,4,6, 12 VALVE
4778861AB	X								CYL #1,3,5, 12 VALVE
4778862AB	X								CYL #2,4,6, 12 VALVE
4593589AA	X		96.00	1.20	1.50		3.00		24 VALVE
4593589AA	X		3.780	0.047	0.059		0.118		24 VALVE
4593589AA	X								24 VALVE
-	X		96.00	1.20	1.50		3.00		24 VALVE
			3.780	0.047	0.059		0.118		
80500251	X		98.43	1.98	1.98		4.76		
			3.875	0.078	0.078		0.188		
4798329	X		98.43	1.98	1.98		4.76		12 VALVE
			3.875	0.078	0.078		0.188		
4897010AA	X		98.43	1.98	1.98		4.76		12 VALVE
4897010AA	X		3.875	0.078	0.078		0.188		12 VALVE
4798878	X		98.43	1.50	1.50		4.00		12 VALVE
			3.875	0.059	0.059		0.157		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
3966	4.0L	242	Grand Cherokee	1996 - 2005	L6	Power Tech 4.0	F.I.	O.H.V.	4798878	SWC10012
3966	4.0L	242	WRANGLER	1997 - 2000	L6	Power Tech 4.0	F.I.	O.H.V.	4798878	SWC10012
3966	4.0L	242	WRANGLER	2001 - 2006	L6	Power Tech 4.0	F.I.	O.H.V.	4798878	SWC10012
3982	4.0L	243	PICKUP	1978 - 1979	V6	243 cbi eng.	DIESEL		ME007221	NA
3982	4.0L	243	RAM VAN	1979 ONLY	V6	243 cbi eng.	DIESEL		ME007221	NA
4703	4.7L	287	ASPEN	2007 - 2010	V8	Power Tech 4.7	F.I.	S.O.H.C.	5012364AC	SWC10021
4703	4.7L	287	COMMANDER	2006 - 2010	V8	Power Tech 4.7	F.I.	S.O.H.C.	5012364AC	SWC10021
4703	4.7L	287	DAKOTA	2000 ONLY	V8	Power Tech 4.7	F.I.	S.O.H.C.	5012364AC	SWC10021
4703	4.7L	287	DAKOTA	2000 - 2012	V8	Power Tech 4.7	F.I.	S.O.H.C.	5012364AC	SWC10021
4703	4.7L	287	DURANGO	2000 ONLY	V8	Power Tech 4.7	F.I.	S.O.H.C.	5012364AC	SWC10021
4703	4.7L	287	DURANGO	2001 - 2010	V8	Power Tech 4.7	F.I.	S.O.H.C.	5012364AC	SWC10021
4703	4.7L	287	Grand Cherokee	1999 - 2000	V8	Power Tech 4.7	F.I.	S.O.H.C.	5012364AC	SWC10021
4703	4.7L	287	Grand Cherokee	2001 - 2008	V8	Power Tech 4.7	F.I.	S.O.H.C.	5012364AC	SWC10021
4703	4.7L	287	PICKUP	2002 ONLY	V8	Power Tech 4.7	F.I.	S.O.H.C.	5012364AC	SWC10021
4703	4.7L	287	RAM 1500	2002 - 2012	V8	Power Tech 4.7	F.I.	S.O.H.C.	5012364AC	SWC10021
5211	5.2L	318	ASPEN	1980 ONLY	V8	LA 318	CARB	O.H.V.	2808550	SWC10019
5211	5.2L	318	CORDOBA	1980 - 1983	V8	LA 318	CARB	O.H.V.	2808550	SWC10019
5211	5.2L	318	DIPLOMAT	1980 - 1985	V8	LA 318	CARB	O.H.V.	2808550	SWC10019
5211	5.2L	318	Fifth Avenue	1983 - 1985	V8	LA 318	CARB	O.H.V.	2808550	SWC10019
5211	5.2L	318	GRAN FURY	1980 - 1985	V8	LA 318	CARB	O.H.V.	2808550	SWC10019
5211	5.2L	318	IMPERIAL	1981 - 1983	V8	LA 318	CARB	O.H.V.	2808550	SWC10019
5211	5.2L	318	LeBARON	1980 - 1981	V8	LA 318	CARB	O.H.V.	2808550	SWC10019
5211	5.2L	318	MIRADA	1980 - 1983	V8	LA 318	CARB	O.H.V.	2808550	SWC10019
5211	5.2L	318	NEW YORKER	1980 - 1982	V8	LA 318	CARB	O.H.V.	2808550	SWC10019
5211	5.2L	318	NEWPORT	1980 - 1981	V8	LA 318	CARB	O.H.V.	2808550	SWC10019
5211	5.2L	318	PICKUP	1974 - 1984	V8	LA 318	CARB	O.H.V.	3780007	SWC10019
5211	5.2L	318	RAM VAN	1974 - 1984	V8	LA 318	CARB	O.H.V.	3780007	SWC10019
5211	5.2L	318	RAM WAGON	1974 - 1984	V8	LA 318	CARB	O.H.V.	3780007	SWC10019
5211	5.2L	318	RAMCHARGER	1974 - 1984	V8	LA 318	CARB	O.H.V.	3780007	SWC10019
5211	5.2L	318	St. Regis	1980 - 1981	V8	LA 318	CARB	O.H.V.	2808550	SWC10019
5211	5.2L	318	TRAILDUSTER	1974 - 1981	V8	LA 318	CARB	O.H.V.	3780007	SWC10019
5211	5.2L	318	VOLARE	1980 ONLY	V8	LA 318	CARB	O.H.V.	2808550	SWC10019
5211	5.2L	318	VOYAGER	1974 - 1983	V8	LA 318	CARB	O.H.V.	3780007	SWC10019
5211	5.2L	318	PICKUP	1985 ONLY	V8	LA 318	CARB	O.H.V.	3780007	SWC10019
5211	5.2L	318	RAM VAN	1985 ONLY	V8	LA 318	CARB	O.H.V.	3780007	SWC10019
5211	5.2L	318	RAM WAGON	1985 ONLY	V8	LA 318	CARB	O.H.V.	3780007	SWC10019
5211	5.2L	318	RAMCHARGER	1985 ONLY	V8	LA 318	CARB	O.H.V.	3780007	SWC10019

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
4798329AC	X		98.43	1.50	1.50		4.00		12 VALVE
4798329AC	X		3.875	0.059	0.059		0.157		12 VALVE
4798329AC	X								12 VALVE
ME007362	NA								
ME007362	NA								
5012362AB	11-807	347	93.00	1.50	1.50		3.00		16 VALVE
5012362AB	11-807	347	3.661	0.059	0.059		0.118		16 VALVE
5012362AB	11-807	347							16 VALVE
5012362AC	11-807	347							16 VALVE
5012362AB	11-807	347							16 VALVE
5012362AC	11-807	347							16 VALVE
5012362AB	11-807	347							16 VALVE
5012362AC	11-807	347							16 VALVE
5012362AC	11-807	347							16 VALVE
5012362AC	11-807	347							16 VALVE
3685751	X		99.31	1.98	1.98		4.76		
3685751	X		3.910	0.078	0.078		0.188		
3685751	X								
3685751	X								
3685751	X								
3685751	X								
3685751	X								
3685751	X								
3685751	X								
3685751	X								
3685751	X								
3685751	X								
3685751	X								
3685751	X								
3685751	X								
3685751	X								
2808650	X		99.31	1.98	1.98		4.76		Low Compression
2808650	X		3.910	0.078	0.078		0.188		Low Compression
2808650	X								Low Compression
2808650	X								Low Compression

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
5211	5.2L	318	DAKOTA	1989 ONLY	V8	MAGNUM 5.2	F.I.	O.H.V.	3780007	SWC10019
5211	5.2L	318	DAKOTA	1991 ONLY	V8	MAGNUM 5.2	F.I.	O.H.V.	3780007	SWC10019
5211	5.2L	318	DIPLOMAT	1986 - 1989	V8	MAGNUM 5.2	C & F	O.H.V.	2808553	SWC10019
5211	5.2L	318	Fifth Avenue	1986 - 1989	V8	MAGNUM 5.2	C & F	O.H.V.	2808553	SWC10019
5211	5.2L	318	GRAN FURY	1986 - 1989	V8	MAGNUM 5.2	C & F	O.H.V.	2808553	SWC10019
5211	5.2L	318	PICKUP	1985 - 1991	V8	MAGNUM 5.2	C & F	O.H.V.	3780007	SWC10019
5211	5.2L	318	RAM VAN	1985 - 1991	V8	MAGNUM 5.2	C & F	O.H.V.	3780007	SWC10019
5211	5.2L	318	RAM WAGON	1985 - 1991	V8	MAGNUM 5.2	C & F	O.H.V.	3780007	SWC10019
5211	5.2L	318	RAMCHARGER	1985 - 1991	V8	MAGNUM 5.2	C & F	O.H.V.	3780007	SWC10019
5211	5.2L	318	DAKOTA	1992 - 1993	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	Grand Cherokee	1993 ONLY	V8	MAGNUM 5.2	F.I.	O.H.V.	4638060	SWC10020
5211	5.2L	318	PICKUP	1992 - 1993	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	RAM VAN	1992 - 1993	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	RAM WAGON	1992 - 1993	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	RAMCHARGER	1992 - 1993	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	DAKOTA	1994 - 1996	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	PICKUP	1994 - 1996	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	RAM 1500	1994 - 2001	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	RAM 2500	1994 - 1996	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	RAM VAN	1994 - 1996	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	RAM WAGON	1994 - 1996	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	DAKOTA	1997 - 1999	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	DAKOTA	1997 - 1999	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	DURANGO	1998 - 2000	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	DURANGO	1998 - 2000	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	Grand Cherokee	1994 - 1998	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	Grand Cherokee	1994 - 1998	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	RAM VAN	1997 - 2002	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	RAM VAN	1997 - 2002	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	RAM WAGON	1997 - 1999	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	RAM WAGON	1997 - 1999	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	RAM WAGON	2000 - 2002	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5211	5.2L	318	RAM WAGON	2000 - 2002	V8	MAGNUM 5.2	F.I.	O.H.V.	4720727	SWC10020
5654	5.7L	345	300	2004 - 2006	V8	EZB HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	300	2004 - 2006	V8	EZB HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	DURANGO	2004 - 2005	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	DURANGO	2004 - 2005	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	RAM 1500	2003 - 2005	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	RAM 1500	2003 - 2005	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	RAM 2500	2003 - 2005	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	RAM 2500	2003 - 2005	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	RAM 3500	2003 - 2005	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	RAM 3500	2003 - 2005	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
4397779	11-821	349	99.31	1.98	1.98		4.76		
4397779	11-821	349	3.910	0.078	0.078		0.188		
4397779	11-821	349							Normally Aspirated
4397779	11-821	349							Normally Aspirated
4397779	11-821	349							High Compression
4397779	11-821	349							High Compression
4397779	11-821	349							High Compression
4397779	11-821	349							High Compression
4762947	X		99.31	2.00	2.00		4.00		
4762947	X		3.910	0.079	0.079		0.157		
4762947	X								
4762947	X								
4762947	X								
4762947	X								
4773392	X		99.31	2.00	2.00		4.00		16 VALVE
4773392	X		3.910	0.079	0.079		0.157		16 VALVE
4773392	X								16 VALVE
4773392	X								16 VALVE
4773392	X								16 VALVE
4773392	X								16 VALVE
4778855AB	X		99.31	2.00	2.00		4.00		CYL #1,3,5,7, 16 VALVE
4778856AB	X		99.31	2.00	2.00		4.00		CYL #2,4,6,8, 16 VALVE
4778855AB	X		3.910	0.079	0.079		0.157		CYL #1,3,5,7, 16 VALVE
4778856AB	X		3.910	0.079	0.079		0.157		CYL #2,4,6,8, 16 VALVE
4778855AB	X								CYL #1,3,5,7, 16 VALVE
4778856AB	X								CYL #2,4,6,8, 16 VALVE
4778855AB	X								CYL #1,3,5,7, 16 VALVE
4778856AB	X								CYL #2,4,6,8, 16 VALVE
4778855AB	X								CYL #1,3,5,7, 16 VALVE
4778856AB	X								CYL #2,4,6,8, 16 VALVE
4778855AB	X								CYL #1,3,5,7, 16 VALVE
4778856AB	X								CYL #2,4,6,8, 16 VALVE
5086011AB	11-873	361	99.50	1.50	1.50		3.00		RIGHT, 16 VALVE
5086010AB	11-873	361	99.50	1.50	1.50		3.00		LEFT, 16 VALVE
5086011AB	11-873	361	3.917	0.059	0.059		0.118		RIGHT, 16 VALVE
5086010AB	11-873	361	3.917	0.059	0.059		0.118		LEFT, 16 VALVE
5086011AB	11-873	361							RIGHT, 16 VALVE
5086010AB	11-873	361							LEFT, 16 VALVE
5086011AB	11-873	361							RIGHT, 16 VALVE
5086010AB	11-873	361							LEFT, 16 VALVE
5086011AB	11-873	361							RIGHT, 16 VALVE
5086010AB	11-873	361							LEFT, 16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
5654	5.7L	345	300	2007 - 2012	V8	EZB HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	300	2007 - 2012	V8	EZB HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	ASPEN	2007 - 2010	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	ASPEN	2007 - 2010	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	ASPEN HYBRID	2009 - 2010	V8	HEMI 5.7H	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	ASPEN HYBRID	2009 - 2010	V8	HEMI 5.7H	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	CHALLENGER	2009 - 2012	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	CHALLENGER	2009 - 2012	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	CHARGER	2006 - 2012	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	CHARGER	2006 - 2012	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	COMMANDER	2006 - 2010	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	COMMANDER	2006 - 2010	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	DURANGO	2006 - 2012	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	DURANGO	2006 - 2012	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	DURANGO HYBRID	2009 - 2010	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	DURANGO HYBRID	2009 - 2010	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	Grand Cherokee	2005 - 2012	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	Grand Cherokee	2005 - 2012	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	MAGNUM	2005 - 2010	V8	EZB HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	MAGNUM	2005 - 2010	V8	EZB HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	RAM 1500	2006 - 2012	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	RAM 1500	2006 - 2012	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	RAM 2500	2006 - 2012	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	RAM 2500	2006 - 2012	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	RAM 3500	2006 - 2008	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	RAM 3500	2006 - 2008	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	RAM 3500 Chassis C	2007 - 2009	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5654	5.7L	345	RAM 3500 Chassis C	2007 - 2009	V8	HEMI 5.7	F.I.	O.H.V.	5086002AA	SWC10016
5899	5.9L	360	PICKUP	1974 - 1985	V8	LA 360	CARB	O.H.V.	3780016	SWF80016
5899	5.9L	360	RAM VAN	1974 - 1985	V8	LA 360	CARB	O.H.V.	3780016	SWF80016
5899	5.9L	360	RAM WAGON	1974 - 1985	V8	LA 360	CARB	O.H.V.	3780016	SWF80016
5899	5.9L	360	RAMCHARGER	1974 - 1985	V8	LA 360	CARB	O.H.V.	3780016	SWF80016
5899	5.9L	360	TRAILDUSTER	1974 - 1981	V8	LA 360	CARB	O.H.V.	3780016	SWF80016
5899	5.9L	360	VOYAGER	1974 - 1983	V8	LA 360	CARB	O.H.V.	3780016	SWF80016
5899	5.9L	360	ASPEN	1980 ONLY	V8	LA 360	CARB	O.H.V.	3579044	SWF80016
5899	5.9L	360	CORDOBA	1980 ONLY	V8	LA 360	CARB	O.H.V.	3579044	SWF80016
5899	5.9L	360	GRAN FURY	1980 ONLY	V8	LA 360	CARB	O.H.V.	3579044	SWF80016
5899	5.9L	360	MIRADA	1980 ONLY	V8	LA 360	CARB	O.H.V.	3579044	SWF80016
5899	5.9L	360	NEW YORKER	1980 ONLY	V8	LA 360	CARB	O.H.V.	3579044	SWF80016
5899	5.9L	360	NEWPORT	1980 ONLY	V8	LA 360	CARB	O.H.V.	3579044	SWF80016
CHRYSLER - LA360 CONTINUED										

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
53021538AD	11-861	358	99.50	1.50	1.50		3.00		RIGHT, 16 VALVE
53021539AD	11-861	358	99.50	1.50	1.50		3.00		LEFT, 16 VALVE
53021538AD	11-861	358	3.917	0.059	0.059		0.118		RIGHT, 16 VALVE
53021539AD	11-861	358	3.917	0.059	0.059		0.118		LEFT, 16 VALVE
53021538AD	11-861	358							RIGHT, 16 VALVE
53021539AD	11-861	358							LEFT, 16 VALVE
53021538AD	11-861	358							RIGHT, 16 VALVE
53021539AD	11-861	358							LEFT, 16 VALVE
53021538AD	11-861	358							RIGHT, 16 VALVE
53021539AD	11-861	358							LEFT, 16 VALVE
53021538AD	11-861	358							RIGHT, 16 VALVE
53021539AD	11-861	358							LEFT, 16 VALVE
53021538AD	11-861	358							RIGHT, 16 VALVE
53021539AD	11-861	358							LEFT, 16 VALVE
53021538AD	11-861	358							RIGHT, 16 VALVE
53021539AD	11-861	358							LEFT, 16 VALVE
53021538AD	11-861	358							RIGHT, 16 VALVE
53021539AD	11-861	358							LEFT, 16 VALVE
53021538AD	11-861	358							RIGHT, 16 VALVE
53021539AD	11-861	358							LEFT, 16 VALVE
53021538AD	11-861	358							RIGHT, 16 VALVE
53021539AD	11-861	358							LEFT, 16 VALVE
4026472	X		101.60	1.98	1.98		4.76		Low Compression
4026472	X		4.000	0.078	0.078		0.188		Low Compression
4026472	X								Low Compression
4026472	X								Low Compression
4026472	X								Low Compression
4026472	X								Low Compression
4494480	X		101.60	1.98	1.98		4.76		
4494480	X		4.000	0.078	0.078		0.188		
4494480	X								
4494480	X								
4494480	X								
4494480	X								
CHRYSLER - LA360 CONTINUED									

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
5899	5.9L	360	PICKUP	1974 - 1991	V8	LA 360	C & F	O.H.V.	3780016	SWF80016
5899	5.9L	360	RAM VAN	1974 - 1985	V8	LA 360	CARB	O.H.V.	3780016	SWF80016
5899	5.9L	360	RAM VAN	1986 - 1987	V8	LA 360	C & F	O.H.V.	3780016	SWF80016
5899	5.9L	360	RAM WAGON	1974 - 1985	V8	LA 360	CARB	O.H.V.	3780016	SWF80016
5899	5.9L	360	RAM WAGON	1986 - 1987	V8	LA 360	C & F	O.H.V.	3780016	SWF80016
5899	5.9L	360	RAMCHARGER	1974 - 1991	V8	LA 360	C & F	O.H.V.	3780016	SWF80016
5899	5.9L	360	St. Regis	1980 - 1981	V8	LA 360	CARB	O.H.V.	3579044	SWF80016
5899	5.9L	360	TRAILDUSTER	1974 - 1981	V8	LA 360	CARB	O.H.V.	3780016	SWF80016
5899	5.9L	360	VOLARE	1980 ONLY	V8	LA 360	CARB	O.H.V.	3579044	SWF80016
5899	5.9L	360	VOYAGER	1974 - 1983	V8	LA 360	CARB	O.H.V.	3780016	SWF80016
5899	5.9L	360	PICKUP	1992 - 1993	V8	MAGNUM 5.9	F.I.	O.H.V.	3579044	SWF80016
5899	5.9L	360	RAM VAN	1988 - 1993	V8	MAGNUM 5.9	F.I.	O.H.V.	3579044	SWF80016
5899	5.9L	360	RAM WAGON	1988 - 1993	V8	MAGNUM 5.9	F.I.	O.H.V.	3579044	SWF80016
5899	5.9L	360	RAMCHARGER	1992 - 1993	V8	MAGNUM 5.9	F.I.	O.H.V.	3579044	SWF80016
5899	5.9L	360	DAKOTA	1998 - 2000	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	DAKOTA	1998 - 2000	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	DURANGO	1998 - 2000	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	DURANGO	1998 - 2000	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	Grand Cherokee	1998 ONLY	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	Grand Cherokee	1998 ONLY	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	PICKUP	1994 - 2001	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	PICKUP	1994 - 2001	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	PICKUP	1997 - 2001	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	PICKUP	1997 - 2001	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	RAM VAN	1994 - 2001	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	RAM VAN	1994 - 2001	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	RAM WAGON	1994 - 2001	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	RAM WAGON	1994 - 2001	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	DAKOTA	2001 - 2003	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	DAKOTA	2001 - 2003	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	DURANGO	2001 - 2003	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	DURANGO	2001 - 2003	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	PICKUP	2002 ONLY	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	PICKUP	2002 ONLY	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	RAM 2500	1994 - 2002	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	RAM 2500	1994 - 2002	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	RAM 3500	1994 - 2003	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	RAM 3500	1994 - 2003	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	RAM VAN	2002 ONLY	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	RAM VAN	2002 ONLY	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	RAM WAGON	2002 ONLY	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	RAM WAGON	2002 ONLY	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
4494480	X		101.60	1.98	1.98		4.76		High Compression
4494480	X		4.000	0.078	0.078		0.188		High Compression
4494480	X								High Compression
4494480	X								High Compression
4494480	X								High Compression
4494480	X								High Compression
4494480	X								High Compression
4494480	X								High Compression
4494480	X								High Compression
4494480	X		101.60	1.98	1.98		4.76		
4494480	X		4.000	0.078	0.078		0.188		
4494480	X								
4494480	X								
4778871AB	X		101.60	1.50	1.50		4.00		CYL #1,3,5,7, 16 VALVE
4778872AC	X		101.60	1.50	1.50		4.00		CYL #2,4,6,8, 16 VALVE
4778871AB	X		4.000	0.059	0.059		0.157		CYL #1,3,5,7, 16 VALVE
4778872AC	X		4.000	0.059	0.059		0.157		CYL #2,4,6,8, 16 VALVE
4778871AB	X								CYL #1,3,5,7, 16 VALVE
4778872AC	X								CYL #2,4,6,8, 16 VALVE
4778871AB	X								CYL #1,3,5,7, 16 VALVE
4778872AC	X								CYL #2,4,6,8, 16 VALVE
4778871AB	X								CYL #1,3,5,7, 16 VALVE
4778872AC	X								CYL #2,4,6,8, 16 VALVE
4778871AB	X								CYL #1,3,5,7, 16 VALVE
4778872AC	X								CYL #2,4,6,8, 16 VALVE
4778871AB	X								CYL #1,3,5,7, 16 VALVE
4778872AC	X								CYL #2,4,6,8, 16 VALVE
4778871AD	X		101.60	1.50	1.50		4.00		CYL #1,3,5,7, 16 VALVE
4778872AD	X		101.60	1.50	1.50		4.00		CYL #2,4,6,8, 16 VALVE
4778871AD	X		4.000	0.059	0.059		0.157		CYL #1,3,5,7, 16 VALVE
4778872AD	X		4.000	0.059	0.059		0.157		CYL #2,4,6,8, 16 VALVE
4778871AD	X								CYL #1,3,5,7, 16 VALVE
4778872AD	X								CYL #2,4,6,8, 16 VALVE
4778871AD	X								CYL #1,3,5,7, 16 VALVE
4778872AD	X								CYL #2,4,6,8, 16 VALVE
4778871AD	X								CYL #1,3,5,7, 16 VALVE
4778872AD	X								CYL #2,4,6,8, 16 VALVE
4778871AD	X								CYL #1,3,5,7, 16 VALVE
4778872AD	X								CYL #2,4,6,8, 16 VALVE
4778871AD	X								CYL #1,3,5,7, 16 VALVE
4778872AD	X								CYL #2,4,6,8, 16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
CHRYSLER, DODGE, EAGLE,										
5899	5.9L	360	PICKUP	2002 ONLY	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	PICKUP	2002 ONLY	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	RAM 1500	1997 - 2003	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	RAM 1500	1997 - 2003	V8	MAGNUM 5.9	F.I.	O.H.V.	4740259	SWF80011
5899	5.9L	360	PICKUP	1989 - 1993	6	6BT	DIESEL	O.H.V.	4638644	SDC10022
5899	5.9L	360	RAMCHARGER	1989 - 1993	6	6BT	DIESEL	O.H.V.	4638644	SDC10022
5899	5.9L	360	PICKUP	1989 - 1993	6	6BT	DIESEL	O.H.V.	4638644	SDC10022
5899	5.9L	360	RAMCHARGER	1989 - 1993	6	6BT	DIESEL	O.H.V.	4638644	SDC10022
5899	5.9L	360	PICKUP	1994 - 1998	6	6BT	DIESEL	O.H.V.	4638644	SDC10022
5899	5.9L	360	PICKUP	1997 - 1998	6	6BT	DIESEL	O.H.V.	4638644	SDC10022
5899	5.9L	360	RAM 2500	1997 ONLY	6	6BT	DIESEL	O.H.V.	5011858AA	SDC10022
5899	5.9L	360	RAM 3500	1997 ONLY	6	6BT	DIESEL	O.H.V.	5011858AA	SDC10022
5899	5.9L	360	PICKUP	1998 - 2002	6	ISB 5.9	DIESEL	O.H.V.	5011858AA	SDC10022
5899	5.9L	360	RAM 2500	1998 - 2002	6	ISB 5.9	DIESEL	O.H.V.	5011858AA	SDC10022
5899	5.9L	360	RAM 3500	1998 - 2002	6	ISB 5.9	DIESEL	O.H.V.	5011858AA	SDC10022
5899	5.9L	360	RAM 2500	2003 - 2008	6	ISB 5.9	DIESEL	O.H.V.	4089258	SDC10022
5899	5.9L	360	RAM 3500	2003 - 2008	6	ISB 5.9	DIESEL	O.H.V.	4089258	SDC10022
6424	6.4L	392	CHALLENGER	2011 - 2012	V8	HEMI 6.4	F.I.	O.H.V.	-	NA
6424	6.4L	392	CHALLENGER	2011 - 2012	V8	HEMI 6.4	F.I.	O.H.V.	-	NA
6424	6.4L	392	CHARGER	2011 - 2012	V8	HEMI 6.4	F.I.	O.H.V.	-	NA
6424	6.4L	392	CHARGER	2011 - 2012	V8	HEMI 6.4	F.I.	O.H.V.	-	NA
6690	6.7L	408	RAM 2500	2007 - 2012	6	B6.7	DIESEL	O.H.V.	4955366	SDC10023
6690	6.7L	408	RAM 3500	2009 - 2012	6	B6.7	DIESEL	O.H.V.	4955366	SDC10023
6690	6.7L	408	RAM 4500 Chassis Cab	2007 - 2009	6	B6.7	DIESEL	O.H.V.	4955366	SDC10023
6690	6.7L	408	RAM 5500 Chassis Cab	2007 - 2009	6	B6.7	DIESEL	O.H.V.	4955366	SDC10023
7997	8.0L	488	VIPER	1992 - 1994	V10	CID 488	F.I.	O.H.V.	-	NA
7997	8.0L	488	VIPER	1995 - 1996	V10	CID 488	F.I.	O.H.V.	-	NA
8277	8.3L	505	VIPER	2003 - 2006	V10	505 cbi eng.	F.I.	O.H.V.	-	NA
8357	8.4L	510	VIPER	2008 - 2010	V10	531 cbi eng.	F.I.	O.H.V.	-	NA
8400	8.4L	513	VIPER	2012 - 2013	V10		F.I.		-	NA
CHRYSLER - END										

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
JEEP, PLYMOUTH, RAM									
4778891AD	X		101.60	1.50	1.50		4.00		CYL #1,3,5,7, 16 VALVE
4778892AD	X		101.60	1.50	1.50		4.00		CYL #2,4,6,8, 16 VALVE
4778891AD	X		4.000	0.059	0.059		0.157		CYL #1,3,5,7, 16 VALVE
4778892AD	X		4.000	0.059	0.059		0.157		CYL #2,4,6,8, 16 VALVE
4429160	X		102.00	3.0K	2.35		4.00		
4429160	X		4.016	0.118K	0.093		0.157		
4638653	X		102.00	3.0K	2.35		4.00		w/ Intercooler
4638653	X		4.016	0.118K	0.093		0.157		w/ Intercooler
4746627	X		102.00	3.0K	2.35		4.00		AUTO TRANS, 12 VALVE
			4.016	0.118K	0.093		0.157		
4882115	X		102.00	3.0K	2.35		4.00		STD TRANS, 12 VALVE
			4.016	0.118K	0.093		0.157		
5015810AA	X		102.00	3.0K	2.35		4.00		12 VALVE
5015810AA	X		4.016	0.118K	0.093		0.157		12 VALVE
5018093AA	X		102.00	3.0K	2.35		4.00		24 VALVE
5018093AA	X		4.016	0.118K	0.093		0.157		24 VALVE
5018093AA	X								24 VALVE
3970192	11-856	357	102.00	3.0K	2.35		4.00		24 VALVE
3970192	11-856	357	0.000	0.118K	0.000		0.000		24 VALVE
-	X								SRT-8, RIGHT, 16 VALVE
-	X								SRT-8, LEFT, 16 VALVE
-	X								SRT-8, RIGHT, 16 VALVE
-	X								SRT-8, LEFT, 16 VALVE
4955365	11-885		107.00	3.0K	2.50		3.50		w/ TURBO, 24 VALVE
4955365	11-885		4.213	0.118K	0.098		0.138		w/ TURBO, 24 VALVE
4955365	11-885								w/ TURBO, 24 VALVE
4955365	11-885								w/ TURBO, 24 VALVE
4773786	X		101.60	1.50	1.50		3.00		20 VALVE
5245971	X		4.030	0.000	0.000		0.000		20 VALVE
5086536AA	X		102.36						20 VALVE
			4.060	0.000	0.000		0.000		
-	X		103.12						20 VALVE
			0.000	0.000	0.000		0.000		
-	X								
CHRYSLER - END									

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
FORD, LINCOLN, MERCURY, MERKER										
1322	1.3L	81	ASPIRE	1994 - 1995	4	1.3L	F.I.	S.O.H.C.	F4BZ 6149 A	SWT20052
1322	1.3L	81	ASPIRE	1996 - 1997	4	1.3L	F.I.	S.O.H.C.	F4BZ 6149 A	SWT20052
1324	1.3L	81	FESTIVA	1988 - 1993	4	1.3L	CARB	S.O.H.C.	E9BZ 6149 A	SWT20052
1596	1.6L	97	C-MAX	2011 - 2012	4	EcoBoost 16	F.I.	D.O.H.C.	-	NA
1596	1.6L	97	FIESTA	2011 - 2012	4	DURATEC 16	F.I.	D.O.H.C.	-	NA
1597	1.6L	97	TRACER	1987 - 1989	4	B6	F.I.	S.O.H.C.	E8GY 6149 A	SWT20060
1597	1.6L	97	CAPRI	1991 - 1994	4	B6	F.I.	S.O.H.C.	E8GY 6149 A	SWT20060
1597	1.6L	97	CAPRI	1991 - 1994	4	B6	F.I.	S.O.H.C.	E8GY 6149 A	SWT20060
1839	1.8L	112	ESCORT	1990 - 1996	4	BP05	F.I.	D.O.H.C.	FOCZ 6149 A	SWT20066
1839	1.8L	112	TRACER	1990 - 1996	4	BP05	F.I.	D.O.H.C.	FOCZ 6149 A	SWT20066
1901	1.9L	116	COUGER	1987 ONLY	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	ESCORT	1987 - 1990	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	ESCORT EXP	1987 ONLY	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	Grand Marquis	1987 ONLY	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	LTD Crown Victoria	1987 - 1988	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	LYNX	1987 ONLY	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	MUSTANG	1987 - 1988	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	SABLE	1987 ONLY	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	TEMPO	1988 ONLY	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	THUNDERBIRD	1987 - 1988	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	COUGER	1987 ONLY	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	ESCORT	1987 - 1996	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	ESCORT EXP	1987 - 1988	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	LYNX	1987 ONLY	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	TEMPO	1987 ONLY	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	THUNDERBIRD	1987 ONLY	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	TOPAZ	1987 ONLY	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1901	1.9L	116	TRACER	1991 - 1996	4	CVH 1.9	F.I.	S.O.H.C.	FOCZ 6148 A	SWF30010
1970	2.0L	120	COURIER PICKUP	1979 - 1982	4	MA	CARB	S.O.H.C.	-	SWT20031

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1 S T	2 N D	3 R D	O 1	O 2	REMARK
FORD, LINCOLN, MERCURY, MERKER									
F4BZ 6108 A	X		71.00	1.20	1.50		3.00		8 VALVE
F6BZ 6108 AA	X		2.795	0.047	0.059		0.118		8 VALVE
E8BZ 6108 A	11-589	313	71.00	1.20	1.50		3.00		8 VALVE
			2.795	0.047	0.059		0.118		
-	X		79.00						16 VALVE
			3.110	0.000	0.000		0.000		
-	X		79.00						16 VALVE
			3.110	0.000	0.000		0.000		
E9GZ 6108 A	DISC. 11-577		78.00	1.50	1.50		4.00		Mazda Engine, 8 VALVE
			3.071	0.059	0.059		0.157		
F1JY 6108 A	X		78.00	1.50	1.50		4.00		Mazda Engine, w/ TURBO
			3.071	0.059	0.059		0.157		
FOJY 6108 A	X		78.00	1.50	1.50		4.00		Mazda Engine, Normally Aspirated
			3.071	0.059	0.059		0.157		
F4CZ 6108 A	X		83.00	1.50	1.50		3.00		Mazda Engine, 16 VALVE
F4CZ 6108 A	X		3.268	0.059	0.059		0.118		Mazda Engine, 16 VALVE
E7FZ 6108 DB	X		81.94	1.50	1.50		3.00		TBI, RED, 8 VALVE
E7FZ 6108 DB	X		3.226	0.059	0.059		0.118		TBI, RED, 8 VALVE
E7FZ 6108 DB	X								TBI, RED, 8 VALVE
E7FZ 6108 DB	X								TBI, RED, 8 VALVE
E7FZ 6108 DB	X								TBI, RED, 8 VALVE
E7FZ 6108 DB	X								TBI, RED, 8 VALVE
E7FZ 6108 DB	X								TBI, RED, 8 VALVE
E7FZ 6108 DB	X								TBI, RED, 8 VALVE
E7FZ 6108 DB	X								TBI, RED, 8 VALVE
F1CZ 6108 A	X		81.94	1.50	1.50		3.00		TBI, RED, 8 VALVE
F1CZ 6108 A	X		3.226	0.059	0.059		0.118		TBI, RED, 8 VALVE
F1CZ 6108 A	X								TBI, RED, 8 VALVE
F1CZ 6108 A	X								TBI, RED, 8 VALVE
F1CZ 6108 A	X								TBI, RED, 8 VALVE
F1CZ 6108 A	X								TBI, RED, 8 VALVE
F1CZ 6108 A	X								TBI, RED, 8 VALVE
F1CZ 6108 A	X								TBI, RED, 8 VALVE
-	DISC. 11-130		80.00	1.20	1.50		4.00		Mazda Engine, 8 VALVE
			3.150	0.047	0.059		0.157		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
FORD, LINCOLN, MERCURY, MERKER										
1986	2.0L	121	ESCORT	1997 - 2002	4	CVH 2.0	F.I.	S.O.H.C.	F7CZ 6148 AA	SWF30005
1986	2.0L	121	TRACER	1997 - 1999	4	CVH 2.0	F.I.	S.O.H.C.	F7CZ 6148 AA	SWF30005
1986	2.0L	121	FOCUS	2000 - 2005	4	CVH 2.0	F.I.	S.O.H.C.	F7CZ 6148 AA	SWF30005
1986	2.0L	121	FOCUS	2003 - 2008	4	CVH 2.0	F.I.	S.O.H.C.	2MGZ 6135 AA	SWF30005
1991	2.0L	121	PROBE	1993 - 1997	4	FS	F.I.	D.O.H.C.	E62Z 6149 AA	SWF30001
1991	2.0L	121	CONTOUR	1995 - 1997	4	ZETEC-E 2.0	F.I.	D.O.H.C.	F5RZ 6148 A	SWF30007
1991	2.0L	121	MYSTIQUE	1995 - 1997	4	ZETEC-E 2.0	F.I.	D.O.H.C.	F5RZ 6148 A	SWF30007
1991	2.0L	121	CONTOUR	1998 - 2000	4	ZETEC-R 2.0	F.I.	D.O.H.C.	F8CZ 6148 AA	SWF30002
1991	2.0L	121	COUGER	1999 ONLY	4	ZETEC-R 2.0	F.I.	D.O.H.C.	F8CZ 6148 AA	SWF30002
1991	2.0L	121	ESCORT	1998 - 1999	4	ZETEC-R 2.0	F.I.	D.O.H.C.	F8CZ 6148 AA	SWF30002
1991	2.0L	121	MYSTIQUE	1998 - 2000	4	ZETEC-R 2.0	F.I.	D.O.H.C.	F8CZ 6148 AA	SWF30002
1991	2.0L	121	COUGER	2001 - 2002	4	ZETEC-R 2.0	F.I.	D.O.H.C.	F8CZ 6148 AA	SWF30002
1991	2.0L	121	ESCAPE	2001 - 2004	4	ZETEC-R 2.0	F.I.	D.O.H.C.	F8CZ 6148 AA	SWF30002
1991	2.0L	121	FOCUS	2000 - 2005	4	ZETEC-R 2.0	F.I.	D.O.H.C.	F8CZ 6148 AA	SWF30002
1991	2.0L	121	ZX2	2000 - 2003	4	ZETEC-R 2.0	F.I.	D.O.H.C.	F8CZ 6148 AA	SWF30002
1999	2.0L	122	FOCUS	2005 - 2008	4	DURATEC 20 LF	F.I.	D.O.H.C.	-	SWT20090
1999	2.0L	122	FOCUS	2008 - 2012	4	DURATEC 20 LF	F.I.	D.O.H.C.	-	SWT20090
1999	2.0L	122	TRANSIT CONNECT	2010 - 2012	4	DURATEC 20 LF	F.I.	D.O.H.C.	-	SWT20090
2184	2.2L	133	PROBE	1988 - 1992	4	F2	F.I.	S.O.H.C.	E92Z 6149 A	SWT20048
2184	2.2L	133	PROBE	1988 - 1992	4	F2	F.I.	S.O.H.C.	E92Z 6149 A	SWT20048
2184	2.2L	133	PROBE	1988 - 1992	4	F2	F.I.	S.O.H.C.	E92Z 6149 A	SWT20048
2261	2.3L	138	ESCAPE	2005 - 2008	4	DURATEC 23EW	F.I.	D.O.H.C.	-	SWT20090
2261	2.3L	138	FOCUS	2004 - 2008	4	DURATEC 23EW	F.I.	D.O.H.C.	-	SWT20090
2261	2.3L	138	FUSION	2006 - 2009	4	DURATEC 23EW	F.I.	D.O.H.C.	-	SWT20090
2261	2.3L	138	MARINER	2005 - 2008	4	DURATEC 23EW	F.I.	D.O.H.C.	-	SWT20090
2261	2.3L	138	MILAN	2006 - 2008	4	DURATEC 23EW	F.I.	D.O.H.C.	-	SWT20090
2261	2.3L	138	ESCAPE HYBRID	2005 - 2008	4	DURATEC 23H	F.I.	D.O.H.C.	-	SWT20090
2261	2.3L	138	MARINER HYBRID	2006 - 2008	4	DURATEC 23H	F.I.	D.O.H.C.	-	SWT20090
2261	2.3L	138	RANGER	2001 - 2012	4	DURATEC 23NS	F.I.	D.O.H.C.	-	SWT20090

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
FORD, LINCOLN, MERCURY, MERKER									
1S4Z 6100 AA	11-822	349	84.86	1.50	1.50		3.00		VIN-P, 8 VALVE
1S4Z 6100 AB	11-822	349	3.341	0.059	0.059		0.118		VIN-P, 8 VALVE
2M5Z 6100 AAA	X		84.86	1.50	1.50		3.00		LX, SE Models, VIN-P, 8 VALVE
2M5Z 6100 AAA	X		3.341	0.059	0.059		0.118		LX, SE Models, VIN-5, 8 VALVE
F72Z 6108 AA	11-706	328	83.00	1.20	1.50		3.00		Mazda Engine, 16 VALVE
			3.268	0.047	0.059		0.118		
F5RZ 6108 A	X		84.86	1.50	1.75		3.00		VIN-Z, 16 VALVE
F5RZ 6108 A	X		3.341	0.059	0.069		0.118		VIN-Z, 16 VALVE
F8CZ 6108 AA	X		84.80	1.50	1.75		3.00		16 VALVE
F8CZ 6108 AA	X		3.339	0.059	0.069		0.118		RED, 16 VALVE
F8CZ 6108 AA	X								16 VALVE
F8CZ 6108 AA	X								16 VALVE
XS7Z 6100 AA	11-865	359	84.80	1.50	1.75		3.00		16 VALVE
XS7Z 6100 AA	11-865	359	3.339	0.059	0.069		0.118		16 VALVE
XS7Z 6100 AA	11-865	359							ZX3, ZX5, ZTS Models, 16 VALVE
XS7Z 6100 AA	11-865	359							16 VALVE
-	X		87.50	1.20	1.20		2.50		Mk.I, 16 VALVE
-	X		3.445	0.047	0.047		0.098		Mk.II, 16 VALVE
-	X								16 VALVE
E92Z 6108 D	11-573	312	86.00	1.50	1.50		4.00		Mazda Engine, w/ TURBO, 12 VALVE
			3.386	0.059	0.059		0.157		
-	11-583	313	86.00	1.50	1.50		4.00		Mazda Engine, 12 VALVE
			3.386	0.059	0.059		0.157		
E92Z 6108 G	11-582	313	86.00	1.50	1.50		4.00		Mazda Engine, 16 VALVE
			3.386	0.059	0.059		0.157		
-	X		87.50	1.20	1.20		2.50		16 VALVE
-	X		3.445	0.047	0.047		0.098		16 VALVE
-	X								16 VALVE
-	X								16 VALVE
-	X								16 VALVE
-	X		87.50	1.20	1.20		2.50		Atkinson Cycle, 16 VALVE
-	X		3.445	0.047	0.047		0.098		16 VALVE
-	X		87.50	1.20	1.20		2.50		16 VALVE
			3.445	0.047	0.047		0.098		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
FORD, LINCOLN, MERCURY, MERKER										
2295	2.3L	140	ESCORT EXP	1986 - 1988	4	OHC 2.3	F.I.	S.O.H.C.	F1ZZ 6148 A	SWT20071
2295	2.3L	140	MARQUIS	1984 - 1986	4	OHC 2.3	CARB	S.O.H.C.	F1ZZ 6148 A	SWT20071
2295	2.3L	140	MUSTANG	1984 - 1988	4	OHC 2.3	F.I.	S.O.H.C.	F1ZZ 6148 A	SWT20071
2295	2.3L	140	TEMPO	1985 - 1988	4	OHC 2.3	F.I.	S.O.H.C.	F1ZZ 6148 A	SWT20071
2295	2.3L	140	THUNDERBIRD	1984 - 1988	4	OHC 2.3	F.I.	S.O.H.C.	F1ZZ 6148 A	SWT20071
2295	2.3L	140	AEROSTAR	1986 - 1987	4	OHC 2.3	F.I.	S.O.H.C.	F1ZZ 6148 A	SWT20071
2295	2.3L	140	RANGER	1985 - 1988	4	OHC 2.3	F.I.	S.O.H.C.	F1ZZ 6148 A	SWT20071
2295	2.3L	140	CAPRI	1985 ONLY	4	OHC 2.3	CARB	S.O.H.C.	F1ZZ 6148 A	SWT20071
2295	2.3L	140	MUSTANG	1989 - 1993	4	OHC 2.3	CARB	S.O.H.C.	F1ZZ 6148 A	SWT20071
2295	2.3L	140	MUSTANG	1993 ONLY	4	OHC 2.3	F.I.	S.O.H.C.	F3ZZ 6148 A	SWT20071
2295	2.3L	140	RANGER	1989 - 1994	4	OHC 2.3	F.I.	S.O.H.C.	F1ZZ 6148 A	SWT20071
2295	2.3L	140	TEMPO	1986 - 1987	4	OHC 2.3	F.I.	S.O.H.C.	F1ZZ 6148 A	SWT20071
2298	2.3L	140	RANGER	1995 - 1997	4	OHC 2.3	F.I.	S.O.H.C.	F67Z 6148 AA	SWT20076
2311	2.3L	141	TEMPO	1984 - 1988	4	HSC 2.3	F.I.	O.H.V.	E63Z 6148 A*	SWF30011
2311	2.3L	141	TEMPO	1989 - 1994	4	HSC 2.3	F.I.	O.H.V.	E63Z 6148 A*	SWF30011
2311	2.3L	141	TOPAZ	1984 - 1988	4	HSC 2.3	CARB	O.H.V.	E63Z 6148 A*	SWF30011
2311	2.3L	141	TOPAZ	1989 - 1994	4	HSC 2.3	F.I.	O.H.V.	E63Z 6148 A*	SWF30011
2346	2.3L	143	BRONCO II	1985 ONLY	4	4D55	DIESEL	S.O.H.C.	E5TZ 6149 A	SDM31038
2346	2.3L	143	RANGER	1985 - 1987	4	4D55	DIESEL	S.O.H.C.	E5TZ 6149 A	SDM31038
2488	2.5L	152	ESCAPE	2009 - 2012	4	DURATEC 25	F.I.	D.O.H.C.	9E5Z 6148 A	TBA
2488	2.5L	152	FUSION	2010 - 2012	4	DURATEC 25	F.I.	D.O.H.C.	9E5Z 6148 A	TBA
2488	2.5L	152	MARINER	2009 - 2012	4	DURATEC 25	F.I.	D.O.H.C.	9E5Z 6148 A	TBA
2488	2.5L	152	MILAN	2010 - 2012	4	DURATEC 25	F.I.	D.O.H.C.	9E5Z 6148 A	TBA
2488	2.5L	152	ESCAPE HYBRID	2009 - 2012	4	DURATEC 25H	F.I.	D.O.H.C.	9E5Z 6148 A	TBA
2488	2.5L	152	FUSION HYBRID	2010 - 2012	4	DURATEC 25H	F.I.	D.O.H.C.	9E5Z 6148 A	TBA
2488	2.5L	152	MARINER HYBRID	2009 - 2012	4	DURATEC 25H	F.I.	D.O.H.C.	9E5Z 6148 A	TBA
2488	2.5L	152	MILAN HYBRID	2010 - 2012	4	DURATEC 25H	F.I.	D.O.H.C.	9E5Z 6148 A	TBA
2488	2.5L	152	MKZ HYBRID	2011 - 2012	4	DURATEC 25H	F.I.	D.O.H.C.	9E5Z 6148 A	TBA
2488	2.5L	152	C-MAX	2011 - 2012	4	iVCT 2.5	F.I.	D.O.H.C.	-	NA
2496	2.5L	152	SABLE	1986 ONLY	4	HSC 2.5	CARB	O.H.V.	E63Z 6148 A*	SWF30011
2496	2.5L	152	TAURUS	1986 - 1988	4	HSC 2.5	CARB	O.H.V.	E63Z 6148 A*	SWF30011
2496	2.5L	152	TAURUS	1989 - 1991	4	HSC 2.5	F.I.	O.H.V.	E63Z 6148 A*	SWF30011
2507	2.5L	153	PROBE	1993 ONLY	V6	KL	F.I.	D.O.H.C.	E32Z 6149 D	SWT20073
2507	2.5L	153	PROBE	1993 ONLY	V6	KL	F.I.	D.O.H.C.	E32Z 6149 D	SWT20073
2507	2.5L	153	PROBE	1994 - 1997	V6	KL	F.I.	D.O.H.C.	E42Z 6149 D	SWT20073
2507	2.5L	153	PROBE	1994 - 1997	V6	KL	F.I.	D.O.H.C.	E42Z 6149 D	SWT20073

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1 S T	2 N D	3 R D	O 1	O 2	REMARK
FORD, LINCOLN, MERCURY, MERKER									
E3ZZ 6108 A	X		96.00	1.50	1.50		4.00		
E3ZZ 6108 A	X		3.780	0.059	0.059		0.157		RED
E3ZZ 6108 A	X								
E3ZZ 6108 A	X								
E3ZZ 6108 A	X								
E9TZ 6108 BB	X		96.00	1.50	1.50		4.00		
E9TZ 6108 BB	X		3.780	0.059	0.059		0.157		RED
E9TZ 6108 AB	X		96.00	1.50	1.50		4.00		
E9TZ 6108 AB	X		3.780	0.059	0.059		0.157		
E9TZ 6108 AB	X								
E9TZ 6108 AB	X								
E9TZ 6108 AB	X								
F57Z 6108 AA	X		96.00	1.50	1.50		3.00		VIN-A
			3.780	0.059	0.059		0.118		
F23Z 6108 AB	X		93.47	2.00	2.00		4.76		
F23Z 6108 AB	X		3.680	0.079	0.079		0.187		
F23Z 6108 AB	X								RED
F23Z 6108 AB	X								
E5TZ 6108 A	X		91.10	2.50	2.00		4.00		Mitsubishi Engine, include TURBO
E5TZ 6108 A	X		3.587	0.098	0.079		0.157		Mitsubishi Engine, include TURBO
-	X		89.00	1.20	1.20		2.50		16 VALVE
-	X		3.504	0.047	0.047		0.098		16 VALVE
-	X								16 VALVE
-	X								16 VALVE
-	X		89.00	1.20	1.20		2.50		VVT, 16 VALVE
-	X		3.504	0.047	0.047		0.098		VVT, 16 VALVE
-	X								VVT, 16 VALVE
-	X								VVT, 16 VALVE
-	X								VVT, 16 VALVE
-	X								16 VALVE
E7DZ 6108 GB	X		93.47	2.00	2.00		4.76		
E7DZ 6108 GB	X		3.680	0.079	0.079		0.187		
E7DZ 6108 GB	X								
E32Z 6108 D	11-716	330	84.50	1.50	1.50		3.00		Mazda Engine, RIGHT, 24 VALVE
E32Z 6108 G	11-716	330	84.50	1.50	1.50		3.00		Mazda Engine, LEFT, 24 VALVE
F52Z 6108 A	11-716	330	3.327	0.059	0.059		0.118		Mazda Engine, RIGHT, 24 VALVE
F42Z 6108 D	11-716	330	3.327	0.059	0.059		0.118		Mazda Engine, LEFT, 24 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
FORD, LINCOLN, MERCURY, MERKER										
2507	2.5L	153	RANGER	1998 ONLY	4	OHC 2.5	F.I.	S.O.H.C.	F87Z 6148 AA	SWT20076
2507	2.5L	153	RANGER	1999 ONLY	4	OHC 2.5	F.I.	S.O.H.C.	F87Z 6148 AA	SWT20076
2507	2.5L	153	RANGER	2000 - 2001	4	OHC 2.5	F.I.	S.O.H.C.	F87Z 6148 AA	SWT20076
2540	2.5L	155	CONTOUR	1995 ONLY	V6	DURATEC VE	F.I.	D.O.H.C.	F5RZ 6148 E	SWF30003
2540	2.5L	155	MYSTIQUE	1995 ONLY	V6	DURATEC VE	F.I.	D.O.H.C.	F5RZ 6148 E	SWF30003
2540	2.5L	155	CONTOUR	1996 - 1999	V6	DURATEC VE	F.I.	D.O.H.C.	F5RZ 6148 E	SWF30003
2540	2.5L	155	COUGER	1999 ONLY	V6	DURATEC VE	F.I.	D.O.H.C.	F5RZ 6148 E	SWF30003
2540	2.5L	155	MYSTIQUE	1996 - 1997	V6	DURATEC VE	F.I.	D.O.H.C.	F5RZ 6148 E	SWF30003
2540	2.5L	155	MYSTIQUE	1998 - 1999	V6	DURATEC VE	F.I.	D.O.H.C.	F5RZ 6148 E	SWF30003
2540	2.5L	155	CONTOUR	1999 - 2000	V6	DURATEC 25SVT	F.I.	D.O.H.C.	XS2Z 6148 AA	SWF30003
2540	2.5L	155	COUGER	1999 - 2002	V6	DURATEC 25SVT	F.I.	D.O.H.C.	XS2Z 6148 AA	SWF30003
2540	2.5L	155	MYSTIQUE	1999 - 2000	V6	DURATEC 25SVT	F.I.	D.O.H.C.	XS2Z 6148 AA	SWF30003
2901	2.9L	177	BRONCO II	1986 - 1989	V6	COLOGNE 29	F.I.	O.H.V.	E7RY 6148 A	SWF30014
2901	2.9L	177	RANGER	1986 - 1989	V6	COLOGNE 29	F.I.	O.H.V.	E7RY 6148 A	SWF30014
2901	2.9L	177	BRONCO II	1990 ONLY	V6	COLOGNE 29	F.I.	O.H.V.	E7RY 6148 A	SWF30014
2901	2.9L	177	RANGER	1990 - 1992	V6	COLOGNE 29	F.I.	O.H.V.	E7RY 6148 A	SWF30014
2901	2.9L	177	SCORPIO	1988 - 1989	V6	COLOGNE 29	F.I.	O.H.V.	E7RY 6148 A	SWF30014
2901	2.9L	177	BRONCO II	1990 ONLY	V6	COLOGNE 29	F.I.	O.H.V.	E7RY 6148 A	SWF30014
2901	2.9L	177	RANGER	1990 - 1992	V6	COLOGNE 29	F.I.	O.H.V.	E7RY 6148 A	SWF30014
2960	3.0L	181	VILLAGER	1993 - 1998	V6	VG30E	F.I.	S.O.H.C.	F6XZ 6148 AA	SWN30058
2967	3.0L	181	ESCAPE	2001 - 2012	V6	DURATEC 30	F.I.	D.O.H.C.	YF1Z 6148 BA	SWF30021
2967	3.0L	181	FIVE HUNDRED	2004 - 2008	V6	DURATEC 30	F.I.	D.O.H.C.	YF1Z 6148 BA	SWF30021
2967	3.0L	181	FREESTYLE	2004 - 2008	V6	DURATEC 30	F.I.	D.O.H.C.	YF1Z 6148 BA	SWF30021
2967	3.0L	181	FUSION	2006 - 2012	V6	DURATEC 30	F.I.	D.O.H.C.	YF1Z 6148 BA	SWF30021
2967	3.0L	181	LS	2002 - 2005	V6	DURATEC 30	F.I.	D.O.H.C.	YF1Z 6148 BA	SWF30021
2967	3.0L	181	MARINER	2005 - 2012	V6	DURATEC 30	F.I.	D.O.H.C.	YF1Z 6148 BA	SWF30021
2967	3.0L	181	MILAN	2006 - 2012	V6	DURATEC 30	F.I.	D.O.H.C.	YF1Z 6148 BA	SWF30021
2967	3.0L	181	MONTEGO	2005 - 2008	V6	DURATEC 30	F.I.	D.O.H.C.	YF1Z 6148 BA	SWF30021
2967	3.0L	181	SABLE	2001 - 2005	V6	DURATEC 30	F.I.	D.O.H.C.	YF1Z 6148 BA	SWF30021
2967	3.0L	181	TAURUS	2001 - 2005	V6	DURATEC 30	F.I.	D.O.H.C.	YF1Z 6148 BA	SWF30021
2967	3.0L	181	ESCAPE HYBRID	2011 - 2012	V6	DURATEC 30H	F.I.	D.O.H.C.	-	NA
2982	3.0L	182	LS	2000 - 2001	V6	DURATEC 30	F.I.	D.O.H.C.	XW4Z 6148 CA	SWG10004
2982	3.0L	182	SABLE	1996 - 2000	V6	DURATEC 30	F.I.	D.O.H.C.	XW4Z 6148 CA	SWG10004
2982	3.0L	182	TAURUS	1996 - 2000	V6	DURATEC 30	F.I.	D.O.H.C.	XW4Z 6148 CA	SWG10004

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1 S T	2 N D	3 R D	O 1	O 2	REMARK
FORD, LINCOLN, MERCURY, MERKER									
F87Z 6108 JA	X		96.00	1.50	1.50		3.00		GRADE 1, 2, VIN-C, 8 VALVE
F87Z 6148 JA	X		3.780	0.059	0.059		0.118		VIN-C, 8 VALVE
F87Z 6108 JA	X								VIN-C, 8 VALVE
F5RZ 6108 E	X		82.42	1.20	1.50		3.00		VIN-L, 24 VALVE
F5RZ 6108 E	X		3.245	0.047	0.059		0.118		VIN-L, 24 VALVE
F5RZ 6100 BA	X		82.42	1.20	1.50		3.00		VIN-L, 24 VALVE
F5RZ 6100 BA	X		3.245	0.047	0.059		0.118		VIN-L, 24 VALVE
F5RZ 6100 BA	X								VIN-L, 24 VALVE
F8CZ 6108 AA	X		82.42	1.20	1.50		3.00		VIN-L, 24 VALVE
			3.245	0.047	0.059		0.118		
1U2Z 6100 AA	X		82.42	1.20	1.50		3.00		24 VALVE
1U2Z 6100 AA	X		3.245	0.047	0.059		0.118		24 VALVE
1U2Z 6100 AA	X								24 VALVE
E6TZ 6100 A	X		93.00	1.60	1.75		3.50		
E6TZ 6100 A	X		3.661	0.063	0.069		0.138		
FORY 6102 A	X		93.00	1.60	1.75		3.50		
FORY 6102 A	X		3.661	0.063	0.069		0.138		
FORY 6102 A	X								
FOTZ 6100 E	X		93.00	1.60	1.75		3.50		
FOTZ 6100 E	X		3.661	0.063	0.069		0.138		
F7XZ 6108 AA	11-603	315	87.00	1.50	1.50		2.80		Nissan Engine, 12 VALVE
			3.425	0.059	0.059		0.110		
6E5Z 6100 BA	11-868		89.00	1.20	1.50		2.50		REF, V, 24 VALVE
6E5Z 6100 BA	11-868		3.504	0.047	0.059		0.098		REF, 24 VALVE
6E5Z 6100 BA	11-868								REF, 24 VALVE
6E5Z 6100 BA	11-868								VVT, 24 VALVE
6E5Z 6100 BA	11-868								DAMB, 24 VALVE
6E5Z 6100 BA	11-868								REF, 24 VALVE
6E5Z 6100 BA	11-868								VVT, 24 VALVE
6E5Z 6100 BA	11-868								REF, 24 VALVE
6E5Z 6100 BA	11-868								REF, VIN-S, 24 VALVE
6E5Z 6100 BA	11-868								REF, VIN-S, 24 VALVE
-	X		89.00						REF, V, 24 VALVE
			3.504	0.000	0.000		0.000		
XW4Z 6100 CA	X		89.00	1.20	1.50		3.00		DAMB, VIN-S, 24 VALVE
XW4Z 6100 CA	X		3.504	0.047	0.059		0.118		REF, VIN-S, 24 VALVE
XW4Z 6100 CA	X								REF. VIN-S, 24 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
FORD, LINCOLN, MERCURY, MERKER										
2983	3.0L	182	AEROSTAR	1986 - 1994	V6	VULCAN V6	F.I.	O.H.V.	F6DZ 6148 RA*	SWI10155
2983	3.0L	182	PROBE	1990 - 1992	V6	VULCAN V6	F.I.	O.H.V.	F6DZ 6148 RA*	SWI10155
2983	3.0L	182	RANGER	1991 - 1994	V6	VULCAN V6	F.I.	O.H.V.	F6DZ 6148 RA*	SWI10155
2983	3.0L	182	SABLE	1986 - 1995	V6	VULCAN V6	F.I.	O.H.V.	F6DZ 6148 RA	SWI10155
2983	3.0L	182	TAURUS	1986 - 1994	V6	VULCAN V6	F.I.	O.H.V.	F6DZ 6148 RA*	SWI10155
2983	3.0L	182	TEMPO	1992 - 1994	V6	VULCAN V6	F.I.	O.H.V.	F6DZ 6148 RA*	SWI10155
2983	3.0L	182	TOPAZ	1992 - 1994	V6	VULCAN V6	F.I.	O.H.V.	F6DZ 6148 RA	SWI10155
2983	3.0L	182	AEROSTAR	1995 - 1997	V6	VULCAN V6	F.I.	O.H.V.	F6DZ 6148 RA*	SWT20075
2983	3.0L	182	RANGER	1995 - 1998	V6	VULCAN V6	F.I.	O.H.V.	F6DZ 6148 RA*	SWT20075
2983	3.0L	182	SABLE	1996 - 1998	V6	VULCAN V6	F.I.	O.H.V.	F6DZ 6148 RA	SWT20075
2983	3.0L	182	TAURUS	1995 - 1998	V6	VULCAN V6	F.I.	O.H.V.	F6DZ 6148 RA*	SWT20075
2983	3.0L	182	WINDSTAR	1995 - 2000	V6	VULCAN V6	F.I.	O.H.V.	F6DZ 6148 RA*	SWT20075
2997	3.0L	183	RANGER	1999 - 2008	V6	VULCAN V6	F.I.	O.H.V.	4F1Z 6148 CA	SWF30016
2997	3.0L	183	SABLE	1999 - 2001	V6	VULCAN V6	F.I.	O.H.V.	2F1Z 6148 AA	SWF30016
2997	3.0L	183	SABLE	2002 - 2005	V6	VULCAN V6	F.I.	O.H.V.	2F1Z 6148 AA	SWF30016
2997	3.0L	183	TAURUS	1999 - 2001	V6	VULCAN V6	F.I.	O.H.V.	2F1Z 6148 AA	SWF30016
2997	3.0L	183	TAURUS	2002 - 2005	V6	VULCAN V6	F.I.	O.H.V.	2F1Z 6148 AA	SWF30016
3272	3.3L	200	VILLAGER	1998 - 2002	V6	VG33E	F.I.	S.O.H.C.	XF5Z 6148 AA	SWN30120
3390	3.4L	207	TAURUS SHO	1996 - 1999	V8	SHO 3.8	F.I.	D.O.H.C.	-	NA
3390	3.4L	207	TAURUS SHO	1996 - 1999	V8	SHO 3.8	F.I.	D.O.H.C.	-	NA
3496	3.5L	213	EDGE	2007 - 2012	V6	DURATEC 35	F.I.	D.O.H.C.	AT4Z 6148 A	TBA
3496	3.5L	213	EXPLORER	2011 - 2012	V6	DURATEC 35	F.I.	D.O.H.C.	AT4Z 6148 A	TBA
3496	3.5L	213	FLEX	2009 - 2012	V6	DURATEC 35	F.I.	D.O.H.C.	AT4Z 6148 A	TBA
3496	3.5L	213	FUSION	2010 - 2012	V6	DURATEC 35	F.I.	D.O.H.C.	AT4Z 6148 A	TBA
3496	3.5L	213	MKX	2007 - 2010	V6	DURATEC 35	F.I.	D.O.H.C.	AT4Z 6148 A	TBA
3496	3.5L	213	MKZ	2007 - 2012	V6	DURATEC 35	F.I.	D.O.H.C.	AT4Z 6148 A	TBA
3496	3.5L	213	SABLE	2008 - 2009	V6	DURATEC 35	F.I.	D.O.H.C.	AT4Z 6148 A	TBA
3496	3.5L	213	TAURUS	2008 - 2012	V6	DURATEC 35	F.I.	D.O.H.C.	AT4Z 6148 A	TBA
3496	3.5L	213	TAURUS X	2008 - 2012	V6	DURATEC 35	F.I.	D.O.H.C.	AT4Z 6148 A	TBA
3496	3.5L	213	F150	2011 - 2012	V6	ECOBOOST 35	F.I.	D.O.H.C.	-	NA
3496	3.5L	213	FLEX	2010 - 2012	V6	ECOBOOST 35T	F.I.	D.O.H.C.	-	NA
3496	3.5L	213	MKS	2010 - 2012	V6	ECOBOOST 35T	F.I.	D.O.H.C.	-	NA
3496	3.5L	213	MKT	2010 - 2012	V6	ECOBOOST 35T	F.I.	D.O.H.C.	-	NA
3496	3.5L	213	TAURUS SHO	2010 - 2012	V6	ECOBOOST 35T	F.I.	D.O.H.C.	-	NA

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
FORD, LINCOLN, MERCURY, MERKER									
F5DZ 6108 EA	11-825	350	89.00	1.50	1.50		4.00		VIN-U, 12 VALVE
F5DZ 6108 EA	11-825	350	3.504	0.059	0.059		0.157		Mazda Engine, VIN-U, 12 VALVE
F5DZ 6108 EA	11-825	350							VIN-U, 12 VALVE
F5DZ 6108 EA	11-825	350							VIN-U, 12 VALVE
F5DZ 6108 EA	11-825	350							VIN-U, 12 VALVE
F5DZ 6108 EA	11-825	350							VIN-U, 12 VALVE
F5DZ 6108 EA	11-825	350							VIN-U, 12 VALVE
F5DZ 6108 EB	11-825	350	89.00	1.50	1.50		4.00		VIN-S, 12 VALVE
F5DZ 6108 EB	11-825	350	3.504	0.059	0.059		0.157		VIN-S, 12 VALVE
F5DZ 6108 EB	11-825	350							VIN-S, 12 VALVE
F5DZ 6108 EB	11-825	350							VIN-S, 12 VALVE
F5DZ 6108 EB	11-825	350							VIN-S, 12 VALVE
1U2Z 6108 CA	11-874	361	89.00	1.50	1.50		3.00		VIN-U, 12 VALVE
1U2Z 6108 CA	11-874	361	3.504	0.059	0.059		0.118		VIN-U, 12 VALVE
2F1Z 6108 AA	11-874	361							VIN-U, 12 VALVE
1U2Z 6108 CA	11-874	361							VIN-U, 12 VALVE
2F1Z 6108 AA	11-874	361							VIN-U, 12 VALVE
XF5Z 6108 AA	X		91.50	1.50	1.50		2.80		Nissan Engine, 12 VALVE
			3.602	0.059	0.059		0.110		
-	X		82.40	1.20	1.50		3.00		RIGHT, 32 VALVE
-	X		3.244	0.047	0.059		0.118		LEFT, 32 VALVE
-	X		92.50	1.20	1.50		2.50		24 VALVE
-	X		3.642	0.047	0.059		0.098		24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X		92.50						DAMB (DURATEC 35 block), 24 VALVE
			3.642	0.000	0.000		0.000		
-	X		92.50						DAMB (DURATEC 35 block), w/ TURBO, 24 VALVE
-	X		3.642	0.000	0.000		0.000		DAMB (DURATEC 35 block), w/ TURBO, 24 VALVE
-	X								DAMB (DURATEC 35 block), w/ TURBO, 24 VALVE
-	X								DAMB (DURATEC 35 block), w/ TURBO, 24 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
FORD, LINCOLN, MERCURY, MERKER										
3721	3.7L	227	EDGE	2011 - 2012	V6	DURATEC 37	F.I.	D.O.H.C.	2U3Z 6148 A*	NA
3721	3.7L	227	F150	2011 - 2012	V6	DURATEC 37	F.I.	D.O.H.C.	2U3Z 6148 A*	NA
3721	3.7L	227	MKS	2008 - 2012	V6	DURATEC 37	F.I.	D.O.H.C.	2U3Z 6148 A*	NA
3721	3.7L	227	MKT	2010 - 2012	V6	DURATEC 37	F.I.	D.O.H.C.	2U3Z 6148 A*	NA
3721	3.7L	227	MKX	2010 - 2012	V6	DURATEC 37	F.I.	D.O.H.C.	2U3Z 6148 A*	NA
3721	3.7L	227	MUSTANG	2010 - 2012	V6	DURATEC 37	F.I.	D.O.H.C.	2U3Z 6148 A	NA
3802	3.8L	232	CAPRI	1983 ONLY	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	CONTINENTAL	1982 ONLY	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	COUGER	1982 - 1983	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	COUGER XR7	1981 - 1982	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	GRANADA	1982 ONLY	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	LTD	1983 ONLY	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	MARQUIS	1983 ONLY	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	MUSTANG	1983 ONLY	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	PICKUP	1982 - 1983	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	THUNDERBIRD	1982 - 1983	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	CAPRI	1984 - 1986	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	COUGER	1984 - 1987	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	LTD	1984 - 1986	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	MARQUIS	1984 - 1986	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	MUSTANG	1984 - 1986	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	THUNDERBIRD	1984 - 1987	V6	ESSEX V6 38	CARB	O.H.V.	E2DZ 6148 A	SWF30015
3802	3.8L	232	CONTINENTAL	1988 - 1993	V6	ESSEX V6 38	F.I.	O.H.V.	E8DZ 6148 A	SWF30013
3802	3.8L	232	CONTINENTAL	1994 ONLY	V6	ESSEX V6 38	F.I.	O.H.V.	F4DZ 6148 A	SWF30013
3802	3.8L	232	COUGER	1988 - 1993	V6	ESSEX V6 38	F.I.	O.H.V.	E8DZ 6148 A	SWF30013
3802	3.8L	232	COUGER	1994 - 1995	V6	ESSEX V6 38	F.I.	O.H.V.	F4DZ 6148 A	SWF30013
3802	3.8L	232	FREESTAR	1995 - 2006	V6	ESSEX V6 38	F.I.	O.H.V.	F4DZ 6148 A	SWF30013
3802	3.8L	232	MUSTANG	1994 - 1995	V6	ESSEX V6 38	F.I.	O.H.V.	F4DZ 6148 A	SWF30013
3802	3.8L	232	SABLE	1988 - 1991	V6	ESSEX V6 38	F.I.	O.H.V.	E8DZ 6148 A	SWF30013
3802	3.8L	232	SABLE	1992 - 1995	V6	ESSEX V6 38	F.I.	O.H.V.	F4DZ 6148 A	SWF30013
3802	3.8L	232	TAURUS	1988 - 1993	V6	ESSEX V6 38	F.I.	O.H.V.	E8DZ 6148 A	SWF30013
3802	3.8L	232	TAURUS	1994 - 1995	V6	ESSEX V6 38	F.I.	O.H.V.	F4DZ 6148 A	SWF30013
3802	3.8L	232	THUNDERBIRD	1988 - 1993	V6	ESSEX V6 38	F.I.	O.H.V.	E8DZ 6148 A	SWF30013
3802	3.8L	232	THUNDERBIRD	1994 - 1995	V6	ESSEX V6 38	F.I.	O.H.V.	F4SZ 6148 A	SWF30013
3802	3.8L	232	WINDSTAR	1995 ONLY	V6	ESSEX V6 38	F.I.	O.H.V.	F4DZ 6148 A	SWF30013
3802	3.8L	232	COUGER	1989 - 1990	V6	ESSEX V6 38	F.I.	O.H.V.	E9SZ 6148 B	SWF30013
3802	3.8L	232	THUNDERBIRD	1989 - 1993	V6	ESSEX V6 38	F.I.	O.H.V.	E9SZ 6148 B	SWF30013
3802	3.8L	232	THUNDERBIRD	1994 - 1995	V6	ESSEX V6 38	F.I.	O.H.V.	F4DZ 6148 A	SWF30013
3802	3.8L	232	COUGER	1996 - 1997	V6	ESSEX V6 38	F.I.	O.H.V.	F6ZZ 6148 A	SWF30004
3802	3.8L	232	THUNDERBIRD	1996 - 1997	V6	ESSEX V6 38	F.I.	O.H.V.	F6ZZ 6148 A	SWF30004

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1 S T	2 N D	3 R D	O 1	O 2	REMARK
FORD, LINCOLN, MERCURY, MERKER									
-	X		95.50						24 VALVE
-	X		3.760	0.000	0.000		0.000		24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X								24 VALVE
-	X								24 VALVE
E2DZ 6108 AB	X		96.80	2.00	2.00		4.00		RED, 12 VALVE
E2DZ 6108 AB	X		3.811	0.079	0.079		0.157		RED, 12 VALVE
E2DZ 6108 AB	X								RED, 12 VALVE
E2DZ 6108 AB	X								RED, 12 VALVE
E2DZ 6108 AB	X								RED, 12 VALVE
E2DZ 6108 AB	X								RED, 12 VALVE
E2DZ 6108 AB	X								RED, 12 VALVE
E2DZ 6108 AB	X								RED, 12 VALVE
E2DZ 6108 AB	X								RED, 12 VALVE
E2DZ 6108 AB	X								RED, 12 VALVE
E4DZ 6108 A	X		96.80	2.00	2.00		4.00		RED, 12 VALVE
E4DZ 6108 A	X		3.811	0.079	0.079		0.157		RED, 12 VALVE
E4DZ 6108 A	X								RED, 12 VALVE
E4DZ 6108 A	X								RED, 12 VALVE
E4DZ 6108 A	X								RED, 12 VALVE
E4DZ 6108 A	X								RED, 12 VALVE
E9DZ 6108 GB	X		96.80	1.50	1.50		4.00		
E9DZ 6108 GB	X		3.811	0.059	0.059		0.157		
E9DZ 6108 GB	X								Normally Aspirated, RED
E9DZ 6108 GB	X								RED
E9DZ 6108 GB	X								12 VALVE
F9DZ 6108 GB	X								12 VALVE
E9DZ 6108 GB	X								Normally Aspirated
E9DZ 6108 GB	X								
E9DZ 6108 GB	X								WAGON
E9DZ 6108 GB	X								WAGON
E9DZ 6108 GB	X								Normally Aspirated
E9DZ 6108 GB	X								Normally Aspirated, 12 VALVE
E9DZ 6108 GB	X								12 VALVE
F6SZ 6108 BA	X		96.80	1.50	1.50		4.00		Supercharger
F6SZ 6108 BA	X		3.811	0.059	0.059		0.157		Supercharger
F4SZ 6108 A	X		96.80	1.50	1.50		4.00		Supercharger
			3.811	0.059	0.059		0.157		
F6ZZ 6108 A	X		96.80	1.50	1.50		3.00		RED, 12 VALVE
F6ZZ 6108 A	X		3.811	0.059	0.059		0.118		RED, 12 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
3802	3.8L	232	MUSTANG	1996 - 1998	V6	ESSEX V6 38	F.I.	O.H.V.	F6ZZ 6148 A	SWF30004
3802	3.8L	232	WINDSTAR	1996 - 2005	V6	ESSEX V6 38	F.I.	O.H.V.	F6ZZ 6148 A	SWF30004
3802	3.8L	232	MUSTANG	1999 - 2004	V6	ESSEX V6 38	F.I.	O.H.V.	2L3Z 6148 KA	SWF30004
3887	3.9L	237	FREESTAR	2004 - 2006	V6	ESSEX V6 39	F.I.	O.H.V.	-	NA
3887	3.9L	237	WINDSTAR	2004 - 2005	V6	ESSEX V6 39	F.I.	O.H.V.	-	NA
3933	3.9L	240	CLUB WAGON	1974 ONLY	6	240 CDI	CARB	O.H.V.	C3AZ 6148 F	SWF80017
3933	3.9L	240	ECONOLINE	1974 ONLY	6	240 CDI	CARB	O.H.V.	C3AZ 6148 F	SWF80017
3933	3.9L	240	PICKUP	1974 ONLY	6	240 CDI	CARB	O.H.V.	C3AZ 6148 F	SWF80017
3934	3.9L	240	LS	2000 - 2006	V8	AJ35	F.I.	D.O.H.C.	XW4Z 6148 BA	NA
3934	3.9L	240	THUNDERBIRD	2002 - 2006	V8	AJ35	F.I.	D.O.H.C.	XW4Z 6148 AA	NA
4015	4.0L	245	EXPLORER	1997 - 1998	V6	COLOGNE 40	F.I.	S.O.H.C.	F7TZ 6148 BA	SWT20072
4015	4.0L	245	MOUNTAINEER	1998 ONLY	V6	COLOGNE 40	F.I.	S.O.H.C.	F7TZ 6148 BA	SWT20072
4015	4.0L	245	RANGER	1998 ONLY	V6	COLOGNE 40	F.I.	S.O.H.C.	F7TZ 6148 BA	SWT20072
4015	4.0L	245	EXPLORER	1999 ONLY	V6	COLOGNE 40	F.I.	S.O.H.C.	F7TZ 6148 BA	SWT20072
4015	4.0L	245	MOUNTAINEER	1999 ONLY	V6	COLOGNE 40	F.I.	S.O.H.C.	F7TZ 6148 BA	SWT20072
4015	4.0L	245	RANGER	1999 - 2000	V6	COLOGNE 40	F.I.	S.O.H.C.	F7TZ 6148 BA	SWT20072
4015	4.0L	245	MOUNTAINEER	2000 - 2001	V6	COLOGNE 40	F.I.	S.O.H.C.	F7TZ 6148 BA	SWT20072
4015	4.0L	245	MUSTANG	2005 - 2009	V6	COLOGNE 40	F.I.	S.O.H.C.	2U3Z 6148 AA	SWF30012
4015	4.0L	245	EXPLORER	2001 - 2010	V6	COLOGNE 40	F.I.	S.O.H.C.	2U3Z 6148 AA	SWF30012
4015	4.0L	245	Explorer Sports	2001 - 2012	V6	COLOGNE 40	F.I.	S.O.H.C.	2U3Z 6148 AA	SWF30012
4015	4.0L	245	MOUNTAINEER	2002 - 2012	V6	COLOGNE 40	F.I.	S.O.H.C.	2U3Z 6148 AA	SWF30012
4015	4.0L	245	RANGER	2001 - 2012	V6	COLOGNE 40	F.I.	S.O.H.C.	2U3Z 6148 AA	SWF30012
4025	4.0L	246	AEROSTAR	1990 - 1994	V6	COLOGNE 40	F.I.	O.H.V.	FOTZ 6148 M	SWT20072
4025	4.0L	246	RANGER	1990 - 1994	V6	COLOGNE 40	F.I.	O.H.V.	FOTZ 6148 M	SWT20072
4025	4.0L	246	EXPLORER	1991 - 1994	V6	COLOGNE 40	F.I.	O.H.V.	FOTZ 6148 M	SWT20072
4025	4.0L	246	AEROSTAR	1995 - 1997	V6	COLOGNE 40	F.I.	O.H.V.	FOTZ 6148 M	SWT20072
4025	4.0L	246	EXPLORER	1995 - 1999	V6	COLOGNE 40	F.I.	O.H.V.	FOTZ 6148 M	SWT20072
4025	4.0L	246	RANGER	1995 - 1997	V6	COLOGNE 40	F.I.	O.H.V.	FOTZ 6148 M	SWT20072
4025	4.0L	246	EXPLORER	2000 - 2001	V6	COLOGNE 40	F.I.	O.H.V.	FOTZ 6148 M	SWT20072

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
FORD, LINCOLN, MERCURY, MERKER									
F6ZZ 6108 AA	X		96.80	1.50	1.50		3.00		RED, 12 VALVE
F6ZZ 6108 AA	X		3.811	0.059	0.059		0.118		RED, 12 VALVE
XR3Z 6108 AA	X		96.80	1.50	1.50		3.00		12 VALVE
			3.811	0.059	0.059		0.118		
-	X		96.80	1.50	1.50		3.00		12 VALVE
-	X		3.811	0.059	0.059		0.118		12 VALVE
C8AZ 6108 CB	X		101.60	1.98	1.98		4.76		
C8AZ 6108 CB	X		4.000	0.078	0.078		0.188		
C8AZ 6108 CB	X								
XW4Z 6200 CA	X		86.00	1.20	1.50		2.50		32 VALVE
XW4Z 6200 CA	X		3.386	0.047	0.059		0.098		32 VALVE
F7TZ 6100 AA	X		100.40	1.60	1.75		3.50		VIN-E, 12 VALVE
F7TZ 6100 AA	X		3.953	0.063	0.069		0.138		VIN-E, 12 VALVE
F7TZ 6100 AA	X								VIN-E, 12 VALVE
XL2Z 6100 AA	X		100.40	1.60	1.75		3.50		VIN-E, 12 VALVE
XL2Z 6100 AA	X		3.953	0.063	0.069		0.138		VIN-E, 12 VALVE
XL2Z 6100 AA	X								VIN-E, 12 VALVE
F7TZ 6108 UA	X		100.40	1.60	1.75		3.50		VIN-E, 12 VALVE
			3.953	0.063	0.069		0.138		
2U3Z 6108 AA	X		100.40	1.20	1.50		3.00		12 VALVE
			3.953	0.047	0.059		0.118		
XL2Z 6108 AA	X		100.40	1.20	1.50		3.00		12 VALVE
XL2Z 6108 AA	X		3.953	0.047	0.059		0.118		Incl. TRUCK, 12 VALVE
XL2Z 6108 AA	X								12 VALVE
XL2Z 6108 AA	X								12 VALVE
F2TZ 6108 EB	X		100.40	1.60	1.75		3.50		VIN-X, 12 VALVE
F2TZ 6108 EB	X		3.953	0.063	0.069		0.138		VIN-X, 12 VALVE
FOTZ 6100 B	X		100.40	1.60	1.75		3.50		12 VALVE
			3.953	0.063	0.069		0.138		
F5TZ 6100 A	X		100.40	1.60	1.75		3.50		VIN-X, 12 VALVE
F5TZ 6100 A	X		3.953	0.063	0.069		0.138		VIN-X, 12 VALVE
F5TZ 6100 A	X								VIN-X, 12 VALVE
F8TZ 6100 AA	X		100.40	1.60	1.75		3.50		VIN-X, 12 VALVE
			3.953	0.063	0.069		0.138		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
FORD, LINCOLN, MERCURY, MERKER										
4195	4.2L	256	CLUB WAGON	1997 - 1998	V6	ESSEX V6 42	F.I.	O.H.V.	F6ZZ 6148 A	SWF30004
4195	4.2L	256	ECONOLINE	1997 - 2002	V6	ESSEX V6 42	F.I.	O.H.V.	F6ZZ 6148 A	SWF30004
4195	4.2L	256	F150	1997 - 2008	V6	ESSEX V6 42	F.I.	O.H.V.	F6ZZ 6148 A	SWF30004
4195	4.2L	256	FREESTAR	2004 - 2008	V6	ESSEX V6 42	F.I.	O.H.V.	F6ZZ 6148 A	SWF30004
4195	4.2L	256	MONTEREY	2004 - 2008	V6	ESSEX V6 42	F.I.	O.H.V.	F6ZZ 6148 A	SWF30004
4195	4.2L	256	WINDSTAR	2004 - 2005	V6	ESSEX V6 42	F.I.	O.H.V.	F6ZZ 6148 A	SWF30004
4605	4.6L	281	MUSTANG	1996 - 1998	V8	TRITON 46C	F.I.	D.O.H.C.	F5LY 6148 A	SWF30006
4605	4.6L	281	MARK VIII	1993 - 1994	V8	INTECH 46	F.I.	D.O.H.C.	F3LY 6148 A	SWF30006
4605	4.6L	281	MARK VIII	1995 - 1997	V8	INTECH 46	F.I.	D.O.H.C.	F5LY 6148 A	SWF30006
4605	4.6L	281	CONTINENTAL	1995 - 1997	V8	INTECH 46	F.I.	D.O.H.C.	F5LY 6148 A	SWF30006
4605	4.6L	281	TOWN CAR	1995 - 1997	V8	TRITON 46GT	F.I.	S.O.H.C.	F7AZ 6148 AA	SWF30006
4605	4.6L	281	TOWN CAR	1991 - 1994	V8	TRITON 46GT	F.I.	S.O.H.C.	F2AZ 6148 A	SWF30006*
4605	4.6L	281	THUNDERBIRD	1994 - 1997	V8	TRITON 46GT	F.I.	S.O.H.C.	F7AZ 6148 AA	SWF30006
4605	4.6L	281	MUSTANG	1996 - 2000	V8	TRITON 46GT	F.I.	S.O.H.C.	F7AZ 6148 AA	SWF30006
4605	4.6L	281	MUSTANG	1996 - 1997	V8	TRITON 46GT	F.I.	S.O.H.C.	F7AZ 6148 AA	SWF30006
4605	4.6L	281	Grand Marquis	1996 - 2000	V8	TRITON 46GT	F.I.	S.O.H.C.	2L3Z 6148 GA	SWF30006
4605	4.6L	281	Grand Marquis	1992 - 1995	V8	TRITON 46GT	F.I.	S.O.H.C.	F2AZ 6148 A	SWF30006*
4605	4.6L	281	F150	1997 - 2010	V8	TRITON 46GT	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30006
4605	4.6L	281	EXPEDITON	1997 - 2004	V8	TRITON 46GT	F.I.	S.O.H.C.	F7AZ 6148 AA	SWF30006
4605	4.6L	281	ECONOLINE	2000 - 2012	V8	TRITON 46GT	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
4605	4.6L	281	Crown Victoria	1995 - 2000	V8	TRITON 46GT	F.I.	S.O.H.C.	F7AZ 6148 AA	SWF30006
4605	4.6L	281	Crown Victoria	1992 - 1994	V8	TRITON 46GT	F.I.	S.O.H.C.	F2AZ 6148 A	SWF30006*
4605	4.6L	281	COUGER	1996 - 1997	V8	TRITON 46GT	F.I.	S.O.H.C.	F7AZ 6148 AA	SWF30006
4605	4.6L	281	COUGER	1994 - 1995	V8	TRITON 46GT	F.I.	S.O.H.C.	F2AZ 6148 A	SWF30006*
4605	4.6L	281	PICKUP	1997 - 1999	V8	TRITON 46GT	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30006
4605	4.6L	281	Grand Marquis	1996 ONLY	V8	TRITON 46GT	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
4605	4.6L	281	F150	2001 - 2004	V8	TRITON 46GT	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30006
4605	4.6L	281	EXPEDITON	1997 - 2004	V8	TRITON 46GT	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
4605	4.6L	281	ECONOLINE	1997 - 2002	V8	TRITON 46GT	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
4605	4.6L	281	CLUB WAGON	1997 - 1998	V8	TRITON 46GT	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
4605	4.6L	281	TOWN CAR	2002 - 2012	V8	TRITON 46GT	F.I.	S.O.H.C.	2L3Z 6148 GA	SWF30006
4605	4.6L	281	MUSTANG	2000 - 2004	V8	TRITON 46GT	F.I.	S.O.H.C.	2L3Z 6148 DA	SWF30006
4605	4.6L	281	MOUNTAINEER	2002 - 2005	V8	TRITON 46GT	F.I.	S.O.H.C.	2L3Z 6148 DA	SWF30006
4605	4.6L	281	Grand Marquis	2001 - 2012	V8	TRITON 46GT	F.I.	S.O.H.C.	2L3Z 6148 GA	SWF30006
4605	4.6L	281	EXPLORER	2002 - 2005	V8	TRITON 46GT	F.I.	S.O.H.C.	1L2Z 6148 AA	SWF30006
4605	4.6L	281	Crown Victoria	2003 - 2008	V8	TRITON 46GT	F.I.	S.O.H.C.	1L2Z 6148 AA	SWF30006
4605	4.6L	281	Crown Victoria	2001 - 2002	V8	TRITON 46GT	F.I.	S.O.H.C.	F7AZ 6148 AA	SWF30006
4605	4.6L	281	MUSTANG	2005 - 2009	V8	TRITON 46V	F.I.	S.O.H.C.	2L3Z 6148 DA	SWF30006
4605	4.6L	281	MOUNTAINEER	2006 - 2012	V8	TRITON 46V	F.I.	S.O.H.C.	2L3Z 6148 DA	SWF30006
4605	4.6L	281	Explorer Sports	2007 - 2012	V8	TRITON 46V	F.I.	S.O.H.C.	2L3Z 6148 DA	SWF30006
4605	4.6L	281	EXPLORER	2006 - 2010	V8	TRITON 46V	F.I.	S.O.H.C.	2L3Z 6148 DA	SWF30006

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
FORD, LINCOLN, MERCURY, MERKER									
XL3Z 6108 AA	11-826	350	96.80	1.50	1.50		3.00		12 VALVE
XL3Z 6108 AA	11-826	350	3.811	0.059	0.059		0.118		12 VALVE
XL3Z 6108 AA	11-826	350							VIN-2, 12 VALVE
XL3Z 6108 AA	11-826	350							12 VALVE
XL3Z 6108 AA	11-826	350							12 VALVE
XL3Z 6108 AA	11-826	350							12 VALVE
F3LZ 6108 DA	X		90.20	1.50	1.50		3.00		MODULAR COBRA, VIN-V, 32 VALVE
F3LZ 6108 DA	X		3.551	0.059	0.059		0.118		MODULAR COBRA, 32 VALVE
F3LZ 6108 DA	X								MODULAR COBRA, 32 VALVE
F3LZ 6108 DA	X								MODULAR COBRA, 32 VALVE
F8AZ 6108 AA	11-820	349	90.20	1.50	1.50		3.00		MODULAR GT, 16 VALVE
F8AZ 6108 AA	11-820	349	3.551	0.059	0.059		0.118		MODULAR GT, 16 VALVE
F8AZ 6108 AA	11-820	349							MODULAR GT, 16 VALVE
F8AZ 6108 AA	11-820	349							MODULAR GT, VIN-X, 16 VALVE
F8AZ 6108 AA	11-820	349							MODULAR GT, VIN-W, 16 VALVE
F8AZ 6108 AA	11-820	349							MODULAR GT, VIN-W, 16 VALVE
F8AZ 6108 AA	11-820	349							MODULAR GT, VIN-W, 16 VALVE
F8AZ 6108 AA	11-820	349							MODULAR GT, VIN-W, 16 VALVE
F8AZ 6108 AA	11-820	349							MODULAR GT, Code W, 16 VALVE
F8AZ 6108 AA	11-820	349							MODULAR GT, 16 VALVE
F8AZ 6108 AA	11-820	349							MODULAR GT, 16 VALVE
F8AZ 6108 AA	11-820	349							MODULAR GT, RED, 16 VALVE
F8AZ 6108 AA	11-820	349							MODULAR GT, RED, 16 VALVE
XC2Z 6108 CA	X		90.20	1.50	1.50		3.00		MODULAR GT, VIN-6, 16 VALVE
XC2Z 6108 CA	X		3.551	0.059	0.059		0.118		MODULAR GT, VIN-6, 16 VALVE
XC2Z 6108 CA	X								MODULAR GT, VIN-6, 16 VALVE
XC2Z 6108 CA	X								MODULAR GT, VIN-6, 16 VALVE
XC2Z 6108 CA	X								MODULAR GT, Code 6, 16 VALVE
F5DZ 6108A	X		90.20	1.50	1.50		3.00		MODULAR GT, 16 VALVE
			3.551	0.059	0.059		0.118		
1L2Z 6108 AA	X		90.20	1.50	1.50		3.00		MODULAR GT, 16 VALVE
1L2Z 6108 AA	X		3.551	0.059	0.059		0.118		MODULAR GT, 16 VALVE
1L2Z 6108 AA	X								MODULAR GT, 16 VALVE
1L2Z 6108 AA	X								MODULAR GT, 16 VALVE
1L2Z 6108 AA	X								MODULAR GT, 16 VALVE
1L2Z 6108 AA	X								MODULAR GT, 16 VALVE
1L2Z 6108 AA	X								MODULAR GT, 16 VALVE
8R3Z 6100 G	X		90.20	1.50	1.50		3.00		MODULAR VCT, 24 VALVE
8R3Z 6100 G	X		3.551	0.059	0.059		0.118		MODULAR VCT, 24 VALVE
8R3Z 6100 G	X								MODULAR VCT, 24 VALVE
8R3Z 6100 G	X								MODULAR VCT, 24 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
FORD, LINCOLN, MERCURY, MERKER										
4605	4.6L	281	TOWN CAR	1998 - 2001	V8	INTECH 46	F.I.	D.O.H.C.	F8LZ 6148 AA	SWF30008
4605	4.6L	281	MARK VIII	1998 ONLY	V8	INTECH 46	F.I.	D.O.H.C.	F8LZ 6148 AA	SWF30008
4605	4.6L	281	CONTINENTAL	1998 - 1999	V8	INTECH 46	F.I.	D.O.H.C.	F8LZ 6148 AA	SWF30008
4605	4.6L	281	MUSTANG	1999 - 2002	V8	TRITON 46C	F.I.	D.O.H.C.	F8LZ 6148 AA	SWF30008
4605	4.6L	281	CONTINENTAL	2000 - 2002	V8	INTECH 46	F.I.	D.O.H.C.	F8LZ 6148 AA	SWF30008
4605	4.6L	281	MARAUDER	2003 - 2005	V8	TRITON 46C	F.I.	D.O.H.C.	2L3Z 6148 AB	SWF30006
4605	4.6L	281	AVIATOR	2003 - 2006	V8	TRITON 46C	F.I.	D.O.H.C.	2L3Z 6148 AB	SWF30006
4916	4.9L	300	CLUB WAGON	1974 - 1986	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	ECONOLINE	1974 - 1986	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	F150	1975 - 1978	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	F250	1975 - 1978	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	F250	1982 - 1986	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	F350	1975 - 1985	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	PICKUP	1974 ONLY	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	CLUB WAGON	1975 - 1976	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	ECONOLINE	1975 - 1976	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	F100	1975 - 1976	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	CLUB WAGON	1977 - 1978	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	ECONOLINE	1977 - 1978	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	F100	1977 - 1978	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	F150	1977 - 1978	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	F250	1977 - 1978	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	F350	1977 - 1981	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	BRONCO	1980 - 1982	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	CLUB WAGON	1977 - 1984	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	ECONOLINE	1977 - 1984	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	F100	1977 - 1983	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	F150	1979 - 1984	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	F250	1979 - 1984	6	straight-6 300	CARB	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	BRONCO	1983 - 1989	6	straight-6 300	C & F	O.H.V.	F6DZ 6148 RA	SWF80017
4916	4.9L	300	CLUB WAGON	1987 - 1989	6	straight-6 300	F.I.	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	ECONOLINE	1987 - 1989	6	straight-6 300	F.I.	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	F150	1985 - 1989	6	straight-6 300	C & F	O.H.V.	C3AZ 6148 F	SWF80017
4916	4.9L	300	F250	1985 - 1989	6	straight-6 300	C & F	O.H.V.	C3AZ 6148 F	SWF80017

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1 S T	2 N D	3 R D	O 1	O 2	REMARK
FORD, LINCOLN, MERCURY, MERKER									
XR3Z 6108 HA	X		90.20	1.20	1.50		3.00		MODULAR COBRA, 32 VALVE
XR3Z 6108 HA	X		3.551	0.047	0.059		0.118		MODULAR COBRA, 32 VALVE
XR3Z 6108 HA	X								MODULAR COBRA, 32 VALVE
XL3Z 6108 HA	X		90.20	1.20	1.50		3.00		MODULAR COBRA, 32 VALVE
			3.551	0.047	0.059		0.118		
XR3Z 6108 GA	X		90.20	1.20	1.50		3.00		MODULAR COBRA, 32 VALVE
			3.551	0.047	0.059		0.118		
2C5Z 6108 AB	X		90.20	1.50	1.50		3.00		MODULAR COBRA, 32 VALVE
2C5Z 6108 AB	X		3.551	0.059	0.059		0.118		MODULAR COBRA, 32 VALVE
E4TZ 6108 P	X		101.60	1.98	1.98		4.76		E150, E250, E350, Code B & C
E4TZ 6108 P	X		4.000	0.078	0.078		0.188		E150, E250, E350, Code B & C
E4TZ 6108 P	X								Code B & C
E4TZ 6108 P	X								Code B & C
E4TZ 6108 P	X								Code B & C
E4TZ 6108 P	X								
C8AZ 6108 CB	X		101.60	1.98	1.98		4.76		E100
C8AZ 6108 CB	X		4.000	0.078	0.078		0.188		E100
C8AZ 6108 CB	X								
D3TZ 6108 GB	X		101.60	1.98	1.98		4.76		E100, E150, E250, E350, Code K
D3TZ 6108 GB	X		4.000	0.078	0.078		0.188		E100, E150, E250, E350, Code K
D3TZ 6108 GB	X								Code K
D3TZ 6108 GB	X								Code K
D3TZ 6108 GB	X								Code K
D3TZ 6108 GB	X								Code K
E2TZ 6108 AB	X		101.60	1.98	1.98		4.76		
E2TZ 6108 AB	X		4.000	0.078	0.078		0.188		E100, E150, E250, Code B & C
E2TZ 6108 AB	X								E100, E150, E250, Code B & C
E2TZ 6108 AB	X								Code B & C
E2TZ 6108 AB	X								
F5DZ 6108 A	X		101.60	1.98	1.98		4.76		VIN-Y
F5DZ 6108 A	X		4.000	0.078	0.078		0.188		E150, E250, E350
F5DZ 6108 A	X								E150, E250, E350
F5DZ 6108 A	X								
F5DZ 6108 A	X								

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
FORD, LINCOLN, MERCURY, MERKER										
4949	4.9L	302	CONTINENTAL	1986 ONLY	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	COUGER	1986 - 1988	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	Grand Marquis	1986 - 1991	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	LTD Crown Victoria	1989 - 1991	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	MARK VII	1986 ONLY	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	TOWN CAR	1986 - 1990	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	BRONCO	1990 - 1995	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	CLUB WAGON	1990 - 1995	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	COUGER	1992 ONLY	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	ECONOLINE	1990 - 1995	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	F150	1987 - 1995	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	F250	1987 - 1995	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	MUSTANG	1989 - 1992	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	THUNDERBIRD	1991 - 1992	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	COUGER	1993 ONLY	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	MUSTANG	1993 - 1995	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	THUNDERBIRD	1993 ONLY	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	CLUB WAGON	1996 ONLY	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	ECONOLINE	1996 ONLY	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	F150	1996 ONLY	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	F250	1996 ONLY	V8	WINDSOR 302	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
4949	4.9L	302	BRONCO	1996 ONLY	V8	WINDSOR 302	F.I.	O.H.V.	F6TZ 6148 AA	SWF80011
4949	4.9L	302	EXPLORER	1996 - 1999	V8	WINDSOR 302	F.I.	O.H.V.	F6TZ 6148 AA	SWF80011
4949	4.9L	302	MOUNTAINEER	1997 - 2001	V8	WINDSOR 302	F.I.	O.H.V.	F6TZ 6148 AA	SWF80011
4949	4.9L	302	EXPLORER	2000 - 2001	V8	WINDSOR 302	F.I.	O.H.V.	F6TZ 6148 AA	SWF80011
4949	4.9L	302	BRONCO	1974 - 1976	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	CLUB WAGON	1974 ONLY	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	ECONOLINE	1974 ONLY	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	PICKUP	1974 - 1976	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	PICKUP	1977 - 1984	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6108 F	SWF80016
4949	4.9L	302	BRONCO	1977 - 1985	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	CAPRI	1982 - 1985	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	CLUB WAGON	1979 - 1981	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	CONTINENTAL	1980 ONLY	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	CONTINENTAL	1982 - 1985	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	COUGER	1980 ONLY	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	COUGER XR7	1981 ONLY	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
FORD - WINDSOR 302 CONTINUE										

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1 S T	2 N D	3 R D	O 1	O 2	REMARK
FORD, LINCOLN, MERCURY, MERKER									
E6AZ 6108 A	X		101.60	1.50	1.50		4.00		
E6AZ 6108 A	X		4.000	0.059	0.059		0.157		RED
E6AZ 6108 A	X								
E6AZ 6108 A	X								Steel Valve Cover
E6AZ 6108 A	X								
E6AZ 6108 A	X								
F2ZZ 6108 AB	X		101.60	1.50	1.50		4.00		
F2ZZ 6108 AB	X		4.000	0.059	0.059		0.157		E150
F2ZZ 6108 AB	X								RED
F2ZZ 6108 AB	X								E150
F2ZZ 6108 AB	X								
F2ZZ 6108 AB	X								
F2ZZ 6108 AB	X								
F2ZZ 6108 AB	X								
F3ZZ 6108 D	X		101.60	1.50	1.50		4.00		RED, 16 VALVE
F3ZZ 6108 D	X		4.000	0.059	0.059		0.157		16 VALVE
F3ZZ 6108 D	X								16 VALVE
F7TZ 6108 AA	X		101.60	1.50	1.50		4.00		
F7TZ 6108 AA	X		4.000	0.059	0.059		0.157		
F7TZ 6108 AA	X								
F7TZ 6108 AA	X								
F7TZ 6108 AA	X		101.60	1.50	1.50		4.00		16 VALVE
F7TZ 6108 AA	X		4.000	0.059	0.059		0.157		16 VALVE
F7TZ 6108 AA	X								16 VALVE
F7TZ 6108 BA	X		101.60	1.50	1.50		4.00		16 VALVE
			4.000	0.059	0.059		0.157		
D3OZ 6108 A	X		101.60	1.98	1.98		4.76		
D3OZ 6108 A	X		4.000	0.078	0.078		0.188		
D3OZ 6108 A	X								
D3OZ 6108 A	X								
E6TZ 6108 AB	X		101.60	1.98	1.98		4.76		
E6TZ 6108 AB	X		4.000	0.078	0.078		0.188		
E6TZ 6108 AB	X								Steel Valve Cover, RED
E6TZ 6108 AB	X								
E6TZ 6108 AB	X								
E6TZ 6108 AB	X								RED
E6TZ 6108 AB	X								RED
FORD - WINDSOR 302 CONTINUE									

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
FORD, LINCOLN, MERCURY, MERKER										
4949	4.9L	302	ECONOLINE	1979 - 1981	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	F150	1985 ONLY	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	GRANADA	1980 ONLY	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	Grand Marquis	1980 - 1985	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	LTD	1980 - 1982	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	LTD	1984 - 1985	V8	WINDSOR 302	F.I.	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	LTD Crown Victoria	1980 - 1982	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	LTD Crown Victoria	1984 - 1985	V8	WINDSOR 302	F.I.	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	MARK VI	1980 - 1983	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	MARK VII	1984 - 1992	V8	WINDSOR 302	F.I.	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	MARQUIS	1980 - 1982	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	MONARCH	1980 ONLY	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	MUSTANG	1982 - 1985	V8	WINDSOR 302	F.I.	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	THUNDERBIRD	1980 - 1981	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	THUNDERBIRD	1983 - 1985	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	TOWN CAR	1981 - 1983	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	TOWN CAR	1984 - 1985	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	VERSAILLES	1980 ONLY	V8	WINDSOR 302	CARB	O.H.V.	C3AZ 6148 F	SWF80016
4949	4.9L	302	CAPRI	1983 - 1986	V8	WINDSOR 302	C & F	O.H.V.	E3ZZ 6148 A	SWF80016
4949	4.9L	302	COUGER	1984 - 1985	V8	WINDSOR 302	F.I.	O.H.V.	E3ZZ 6148 A	SWF80016
4949	4.9L	302	Grand Marquis	1983 - 1985	V8	WINDSOR 302	F.I.	O.H.V.	E3ZZ 6148 A	SWF80016
4949	4.9L	302	LTD	1984 ONLY	V8	WINDSOR 302	F.I.	O.H.V.	E3ZZ 6148 A	SWF80016
4949	4.9L	302	LTD Crown Victoria	1983 - 1988	V8	WINDSOR 302	F.I.	O.H.V.	E3ZZ 6148 A	SWF80016
4949	4.9L	302	MUSTANG	1983 - 1985	V8	WINDSOR 302	F.I.	O.H.V.	E3ZZ 6148 A	SWF80016
4949	4.9L	302	THUNDERBIRD	1983 - 1984	V8	WINDSOR 302	F.I.	O.H.V.	E3ZZ 6148 A	SWF80016
4949	4.9L	302	BRONCO	1986 ONLY	V8	WINDSOR 302	F.I.	O.H.V.	E6TZ 6148 A	SWF80016
4949	4.9L	302	CLUB WAGON	1982 - 1989	V8	WINDSOR 302	F.I.	O.H.V.	E6TZ 6148 A	SWF80016
4949	4.9L	302	ECONOLINE	1982 - 1989	V8	WINDSOR 302	F.I.	O.H.V.	E6TZ 6148 A	SWF80016
4949	4.9L	302	F150	1986 ONLY	V8	WINDSOR 302	F.I.	O.H.V.	E6TZ 6148 A	SWF80016
4949	4.9L	302	F250	1985 - 1986	V8	WINDSOR 302	C & F	O.H.V.	E6TZ 6148 A	SWF80016
4951	5.0L	302	F150	2011 - 2012	V8	COYOTE 50	F.I.	D.O.H.C.	-	NA
4951	5.0L	302	MUSTANG	2010 - 2012	V8	COYOTE 50	F.I.	D.O.H.C.	-	NA
5408	5.4L	330	CLUB WAGON	1997 - 1998	V8	TRITON 54	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
5408	5.4L	330	ECONOLINE	1997 - 2000	V8	TRITON 54	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
5408	5.4L	330	EXCURSION	2000 ONLY	V8	TRITON 54	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
5408	5.4L	330	EXPEDITON	1997 - 2000	V8	TRITON 54	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
5408	5.4L	330	F150	1997 - 2000	V8	TRITON 54	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30006
5408	5.4L	330	F250	1997 - 2000	V8	TRITON 54	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30006
5408	5.4L	330	F350	1997 - 2000	V8	TRITON 54	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30006
5408	5.4L	330	NAVIGATOR	1998 - 1999	V8	INTECH 54	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1 S T	2 N D	3 R D	O 1	O 2	REMARK
FORD, LINCOLN, MERCURY, MERKER									
E6TZ 6108 AB	X		101.60	1.98	1.98		4.76		
E6TZ 6108 AB	X		4.000	0.078	0.078		0.188		
E6TZ 6108 AB	X								
E6TZ 6108 AB	X								Steel Valve Cover
E6TZ 6108 AB	X								w/ VTECH, Steel Valve Cover
E6TZ 6108 AB	X								
E6TZ 6108 AB	X								Steel Valve Cover
E6TZ 6108 AB	X								
E6TZ 6108 AB	X								RED
E6TZ 6108 AB	X								RED
E6TZ 6108 AB	X								w/ VTECH, Steel Valve Cover
E6TZ 6108 AB	X								
E6TZ 6108 AB	X								Steel Valve Cover
E6TZ 6108 AB	X								
E6TZ 6108 AB	X								
E6TZ 6108 AB	X								
E6TZ 6108 AB	X		101.60	1.98	1.98		4.76		Aluminum Valve Cover, RED
E6TZ 6108 AB	X		4.000	0.078	0.078		0.188		Aluminum Valve Cover, RED
E6TZ 6108 AB	X								Aluminum Valve Cover
E6TZ 6108 AB	X								w/ VTECH, Aluminum Valve Cover
E6TZ 6108 AB	X								Aluminum Valve Cover
E6TZ 6108 AB	X								w/ VTECH, Aluminum Valve Cover
E6TZ 6108 AB	X								Aluminum Valve Cover
E6TZ 6108 AB	X		101.60	1.98	1.98		4.76		
E6TZ 6108 AB	X		4.000	0.078	0.078		0.188		
E6TZ 6108 AB	X								
E6TZ 6108 AB	X								
-	X		92.20						MODULAR, 32 VALVE
-	X		3.630	0.000	0.000		0.000		MODULAR, 32 VALVE
XC3Z 6108 CA	11-810	348	90.20	1.50	1.50		3.00		MODULAR, 16 VALVE
XC3Z 6108 CA	11-810	348	3.551	0.059	0.059		0.118		MODULAR, 16 VALVE
XC3Z 6108 CA	11-810	348							MODULAR, 16 VALVE
XC3Z 6108 CA	11-810	348							MODULAR, 16 VALVE
XC3Z 6108 CA	11-810	348							MODULAR, 16 VALVE
XC3Z 6108 CA	11-810	348							MODULAR, 16 VALVE
XC3Z 6108 CA	11-810	348							MODULAR, 16 VALVE
XC3Z 6108 CA	11-810	348							MODULAR, 16 VALVE
XC3Z 6108 CA	11-810	348							MODULAR, 16 VALVE
XC3Z 6108 CA	11-810	348							MODULAR, 16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
FORD, LINCOLN, MERCURY, MERKER										
5408	5.4L	330	ECONOLINE	1999 - 2012	V8	TRITON 54	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
5408	5.4L	330	EXCURSION	1999 - 2006	V8	TRITON 54	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
5408	5.4L	330	EXPEDITON	1999 - 2004	V8	TRITON 54	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
5408	5.4L	330	F150	1999 - 2003	V8	TRITON 54	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30006
5408	5.4L	330	F250	1999 - 2003	V8	TRITON 54	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30006
5408	5.4L	330	F350	1999 - 2003	V8	TRITON 54	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30006
5408	5.4L	330	NAVIGATOR	1999 ONLY	V8	INTECH 54	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
5409	5.4L	330	BLACKWOOD	2002 ONLY	V8	TRITON 54	F.I.	D.O.H.C.	6L3Z 6148 A	SWF30006
5409	5.4L	330	NAVIGATOR	1999 - 2004	V8	INTECH 54	F.I.	D.O.H.C.	6L3Z 6148 A	SWF30006
5409	5.4L	330	GT	2004 - 2006	V8	TRITON 54	F.I.	D.O.H.C.	6L3Z 6148 A*	SWF30006
5409	5.4L	330	SHELBY GT500	2007 - 2012	V8	TRITON 54	F.I.	D.O.H.C.	6L3Z 6148 A*	SWF30006
5409	5.4L	330	EXPEDITON	2005 - 2012	V8	TRITON 54V	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
5409	5.4L	330	F150	2004 - 2010	V8	TRITON 54V	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30006
5409	5.4L	330	F250	2004 - 2010	V8	TRITON 54V	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30006
5409	5.4L	330	F350	2004 - 2010	V8	TRITON 54V	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30006
5409	5.4L	330	MARK LT	2005 - 2008	V8	INTECH 54	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
5409	5.4L	330	NAVIGATOR	2005 - 2012	V8	TRITON 54V	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30006
5752	5.8L	351	BRONCO	1978 - 1981	V8	351M Cleveland	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	CLUB WAGON	1977 - 1981	V8	351M Cleveland	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	ECONOLINE	1977 - 1981	V8	351M Cleveland	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	PICKUP	1977 - 1981	V8	351M Cleveland	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	BRONCO	1978 - 1993	V8	WINDSOR 351	C & F	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	CLUB WAGON	1975 - 1981	V8	WINDSOR 351	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	CLUB WAGON	1985 - 1996	V8	WINDSOR 351	C & F	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	CONTINENTAL	1980 ONLY	V8	WINDSOR 351	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	ECONOLINE	1975 - 1981	V8	WINDSOR 351	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	ECONOLINE	1985 - 1996	V8	WINDSOR 351	C & F	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	Grand Marquis	1980 - 1981	V8	WINDSOR 351	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	LTD	1980 - 1981	V8	WINDSOR 351	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	LTD Crown Victoria	1980 - 1981	V8	WINDSOR 351	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	MARK VI	1980 ONLY	V8	WINDSOR 351	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	MARQUIS	1980 - 1981	V8	WINDSOR 351	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	PICKUP	1976 - 1981	V8	WINDSOR 351	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	BRONCO	1982 - 1984	V8	351M Cleveland	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	CLUB WAGON	1982 - 1984	V8	351M Cleveland	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	ECONOLINE	1982 - 1984	V8	351M Cleveland	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	F150	1985 - 1989	V8	351M Cleveland	C & F	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	F250	1985 - 1994	V8	351M Cleveland	C & F	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	F350	1985 - 1994	V8	351M Cleveland	C & F	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	PICKUP	1982 - 1984	V8	351M Cleveland	CARB	O.H.V.	C3AZ 6148 F	SWF80016

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
FORD, LINCOLN, MERCURY, MERKER									
XL3Z 4148 KA	11-809	347	90.20	1.50	1.50		3.00		MODULAR, 16 VALVE
XL3Z 6148 KA	11-809	347	3.551	0.059	0.059		0.118		MODULAR, 16 VALVE
XL3Z 6148 KA	11-809	347							MODULAR, 16 VALVE
XL3Z 6148 KA	11-809	347							MODULAR, 16 VALVE
XL3Z 6148 KA	11-809	347							MODULAR, 16 VALVE
XL3Z 6148 KA	11-809	347							MODULAR, 16 VALVE
XL3Z 6148 KA	11-809	347							MODULAR, 16 VALVE
XL7Z 6108 CA	X		90.20	1.50	1.50		3.00		MODULAR, 32 VALVE
XL7Z 6108 CA	X		3.551	0.059	0.059		0.118		MODULAR, 32 VALVE
-	X		90.20	1.50	1.50		3.00		MODULAR, 32 VALVE
-	X		3.551	0.059	0.059		0.118		MODULAR, 32 VALVE
3L3Z 6108 CC	11-853	356	90.20	1.50	1.50		3.00		MODULAR VCT, 24 VALVE
3L3Z 6108 CC	11-853	356	3.551	0.059	0.059		0.118		MODULAR VCT, 24 VALVE
3L3Z 6108 CC	11-853	356							MODULAR VCT, 24 VALVE
3L3Z 6108 CC	11-853	356							MODULAR VCT, 24 VALVE
3L3Z 6108 CC	11-853	356							MODULAR VCT, 24 VALVE
3L3Z 6108 CC	11-853	356							MODULAR VCT, 24 VALVE
D5AZ 6108 A	X		101.60	1.98	1.98		4.76		
D5AZ 6108 A	X		4.000	0.078	0.078		0.188		Modified
D5AZ 6108 A	X								Modified
D5AZ 6108 A	X								Modified
D9AZ 6108 GB	X		101.60	1.98	1.98		4.76		
D9AZ 6108 GB	X		4.000	0.078	0.078		0.188		Windsor
D9AZ 6108 GB	X								E150, E250, E350
D9AZ 6108 GB	X								
D9AZ 6108 GB	X								Windsor
D9AZ 6108 GB	X								E150, E250, E350
D9AZ 6108 GB	X								
D9AZ 6108 GB	X								
D9AZ 6108 GB	X								
D9AZ 6108 GB	X								
D9AZ 6108 GB	X								RED
D9AZ 6108 GB	X								Windsor
F5DZ 6108 A	X		101.60	1.98	1.98		4.76		
F5DZ 6108 A	X		4.000	0.078	0.078		0.188		
F5DZ 6108 A	X								
F5DZ 6108 A	X								
F5DZ 6108 A	X								
F5DZ 6108 A	X								

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
FORD, LINCOLN, MERCURY, MERKER										
5752	5.8L	351	BRONCO	1987 - 1989	V8	WINDSOR 351	F.I.	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	CONTINENTAL	1987 ONLY	V8	WINDSOR 351	F.I.	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	COUGER	1984 - 1985	V8	WINDSOR 351	CARB	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	COUGER	1991 ONLY	V8	WINDSOR 351	F.I.	O.H.V.	C3AZ 6148 F	SWF80016
5752	5.8L	351	CLUB WAGON	1994 - 1996	V8	WINDSOR 351	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
5752	5.8L	351	ECONOLINE	1994 - 1996	V8	WINDSOR 351	F.I.	O.H.V.	F2ZZ 6148 A	SWF80011
5889	5.9L	359	F650	2004 - 2007	6	ISB 5.9	DIESEL	O.H.V.	-	NA
5889	5.9L	359	F750	2004 - 2007	6	ISB 5.9	DIESEL	O.H.V.	-	NA
5954	6.0L	363	ECONOLINE	2006 - 2010	V8	PowerStroke 6.0	DIESEL	O.H.V.	3C3Z 6148 AA	SDF30002
5954	6.0L	363	EXCURSION	2003 - 2008	V8	PowerStroke 6.0	DIESEL	O.H.V.	3C3Z 6148 AA	SDF30002
5954	6.0L	363	F250	2003 - 2008	V8	PowerStroke 6.0	DIESEL	O.H.V.	3C3Z 6148 AA	SDF30002
5954	6.0L	363	F350	2003 - 2008	V8	PowerStroke 6.0	DIESEL	O.H.V.	3C3Z 6148 AA	SDF30002
5954	6.0L	363	F450	2003 - 2008	V8	PowerStroke 6.0	DIESEL	O.H.V.	3C3Z 6148 AA	SDF30002
5954	6.0L	363	F550	2003 - 2008	V8	PowerStroke 6.0	DIESEL	O.H.V.	3C3Z 6148 AA	SDF30002
5981	6.0L	365	F650	2004 - 2007	6	VT365	DIESEL		-	NA
5981	6.0L	365	F750	2004 - 2007	6	VT365	DIESEL		-	NA
6211	6.2L	379	F150	2011 - 2012	V8	BOSS 62	F.I.	S.O.H.C	-	NA
6211	6.2L	379	F250	2011 - 2012	V8	BOSS 62	F.I.	S.O.H.C	-	NA
6211	6.2L	379	F350	2011 - 2012	V8	BOSS 62	F.I.	S.O.H.C	-	NA
6400	6.4L	391	F250	2008 - 2010	V8	PowerStroke 6.4	DIESEL	O.H.V.	4C3Z 6148 AA	SDF30022
6400	6.4L	391	F350	2008 - 2010	V8	PowerStroke 6.4	DIESEL	O.H.V.	4C3Z 6148 AA	SDF30022
6400	6.4L	391	F450	2008 - 2010	V8	PowerStroke 6.4	DIESEL	O.H.V.	4C3Z 6148 AA	SDF30022
6400	6.4L	391	F450	2008 - 2010	V8	PowerStroke 6.4	DIESEL	O.H.V.	4C3Z 6148 AA	SDF30022
6400	6.4L	391	F550	2008 - 2010	V8	PowerStroke 6.4	DIESEL	O.H.V.	4C3Z 6148 AA	SDF30022
6555	6.6L	400	BRONCO	1978 - 1979	V8	Modified 400	CARB	O.H.V.	C3AZ 6148 F	SWF80016
6555	6.6L	400	CLUB WAGON	1980 - 1982	V8	Modified 400	CARB	O.H.V.	C3AZ 6148 F	SWF80016
6555	6.6L	400	ECONOLINE	1980 - 1982	V8	Modified 400	CARB	O.H.V.	C3AZ 6148 F	SWF80016
6555	6.6L	400	PICKUP	1977 - 1982	V8	Modified 400	CARB	O.H.V.	C3AZ 6148 F	SWF80016
6651	6.7L	406	F250	2011 - 2012	V8	PowerStroke 6.7T	DIESEL	O.H.V.	-	NA
6651	6.7L	406	F350	2011 - 2012	V8	PowerStroke 6.7T	DIESEL	O.H.V.	-	NA
6651	6.7L	406	F450	2011 - 2012	V8	PowerStroke 6.7T	DIESEL	O.H.V.	-	NA
6651	6.7L	406	F550	2011 - 2012	V8	PowerStroke 6.7T	DIESEL	O.H.V.	-	NA
6690	6.7L	408	F650	2008 - 2012	V8	ISB 6.7	DIESEL	O.H.V.	-	NA
6690	6.7L	408	F750	2008 - 2012	V8	ISB 6.7	DIESEL	O.H.V.	-	NA
6801	6.8L	415	CLUB WAGON	1997 - 1998	V10	TRITON 68	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30019
6801	6.8L	415	ECONOLINE	1997 - 1998	V10	TRITON 68	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30019

PISTONS

© 2012 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
FORD, LINCOLN, MERCURY, MERKER									
E6TZ 6108 AB	X		101.60	1.98	1.98		4.76		
E6TZ 6108 AB	X		4.000	0.078	0.078		0.188		
E6TZ 6108 AB	X								Steel Valve Cover, RED
E6TZ 6108 AB	X								
F4TZ 6108 LA	X		101.60	1.50	1.50		4.00		E150, E350
F4TZ 6108 LA	X		4.000	0.059	0.059		0.157		E150, E350
			102.00	3.0K	2.35		4.00		CUMMINS Engine, 24 VAVLE
			4.016	0.118k	0.093		0.157		CUMMINS Engine, 24 VAVLE
3C3Z 6108 AA	11-857	357	95.00	2.25	2.00		3.50		32 VALVE
3C3Z 6108 AA	11-857	357	3.740	0.089	0.079		0.138		32 VALVE
3C3Z 6108 AA	11-857	357							32 VALVE
3C3Z 6108 AA	11-857	357							32 VALVE
3C3Z 6108 AA	11-857	357							32 VALVE
3C3Z 6108 AA	11-857	357							32 VALVE
-	X		95.00						INTERNATIONAL Engine, w/ TURBO
-	X		3.740	0.000	0.000		0.000		INTERNATIONAL Engine, w/ TURBO
-	X		102.00						16 VALVE
-	X		4.016	0.000	0.000		0.000		16 VALVE
-	X								16 VALVE
8C3Z 6108 EB	11-886		98.20	2.5K	2.00		3.00		32 VALVE
8C3Z 6108 EB	11-886		3.866	0.098K	0.079		0.118		32 VALVE
8C3Z 6108 EB	11-886								32 VALVE
8C3Z 6108 EB	11-886								32 VALVE
8C3Z 6108 EB	11-886								32 VALVE
D3AZ 6108 GB	X		101.60	1.98	1.98		4.76		
D3AZ 6108 GB	X		4.000	0.078	0.078		0.188		
D3AZ 6108 GB	X								
D3AZ 6108 GB	X								
-	X		99.00						32 VALVE
-	X		3.898	0.000	0.000		0.000		32 VALVE
-	X								32 VALVE
-	X								32 VALVE
-	X		107.00						CUMMINS Engine, 24 VAVLE
-	X		4.213	0.000	0.000		0.000		CUMMINS Engine, 24 VAVLE
XC3Z 6108 CA	DISC. 11-812		90.20	1.50	1.50		3.00		MODULAR, 20 VALVE
XC3Z 6108 CA	DISC. 11-812		3.551	0.059	0.059		0.118		MODULAR, 20 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
FORD, LINCOLN, MERCURY, MERKER										
6801	6.8L	415	ECONOLINE	1999 - 2012	V10	TRITON 68	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30019
6801	6.8L	415	EXCURSION	2000 - 2006	V10	TRITON 68	F.I.	S.O.H.C.	2L3Z 6148 AA	SWF30019
6801	6.8L	415	F250	2000 - 2004	V10	TRITON 68	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30019
6801	6.8L	415	F350	2000 - 2004	V10	TRITON 68	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30019
6801	6.8L	415	F250	2005 - 2010	V10	TRITON 68V	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30019
6801	6.8L	415	F350	2005 - 2010	V10	TRITON 68V	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30019
6801	6.8L	415	F550	2005 - 2012	V10	TRITON 68V	F.I.	S,O,H,C,	2L3Z 6148 AA	SWF30019
7200	7.2L	439	F650	2001 - 2007	6	C7	DIESEL		-	NA
7200	7.2L	439	F750	2000 - 2007	6	C7	DIESEL		-	NA
7276	7.3L	444	ECONOLINE	1995 - 1996	V8	PowerStroke 7.3T	DIESEL	O.H.V.	F81Z 6148 AA	SDF30020
7276	7.3L	444	ECONOLINE	1999 - 2001	V8	PowerStroke 7.3T	DIESEL	O.H.V.	F81Z 6148 AA	SDF30020
7276	7.3L	444	EXCURSION	2000 - 2003	V8	PowerStroke 7.3T	DIESEL	O.H.V.	F81Z 6148 AA	SDF30020
7276	7.3L	444	F250	1999 - 2006	V8	PowerStroke 7.3T	DIESEL	O.H.V.	F81Z 6148 AA	SDF30020
7276	7.3L	444	F350	1999 - 2006	V8	PowerStroke 7.3T	DIESEL	O.H.V.	F81Z 6148 AA	SDF30020
7276	7.3L	444	F450	1999 - 2002	V8	PowerStroke 7.3T	DIESEL	O.H.V.	F81Z 6148 AA	SDF30020
7276	7.3L	444	F550	1999 - 2002	V8	PowerStroke 7.3T	DIESEL	O.H.V.	F81Z 6148 AA	SDF30020
7276	7.3L	444	F650	1999 - 2002	V8	PowerStroke 7.3T	DIESEL	O.H.V.	F81Z 6148 AA	SDF30020
7538	7.5L	460	CLUB WAGON	1975 - 1987	V8	FORD 385	C & F	O.H.V.	C8SZ 6148 A	SWF80032
7538	7.5L	460	ECONOLINE	1975 - 1987	V8	FORD 385	C & F	O.H.V.	C8SZ 6148 A	SWF80032
7538	7.5L	460	PICKUP	1974 - 1987	V8	FORD 385	C & F	O.H.V.	C8SZ 6148 A	SWF80032
7538	7.5L	460	CLUB WAGON	1988 - 1992	V8	FORD 385	F.I.	O.H.V.	C8SZ 6148 A	SWF80032
7538	7.5L	460	ECONOLINE	1988 - 1992	V8	FORD 385	F.I.	O.H.V.	C8SZ 6148 A	SWF80032
7538	7.5L	460	F250	1988 - 1992	V8	FORD 385	F.I.	O.H.V.	C8SZ 6148 A	SWF80032
7538	7.5L	460	F350	1988 - 1992	V8	FORD 385	F.I.	O.H.V.	C8SZ 6148 A	SWF80032
7538	7.5L	460	CLUB WAGON	1993 - 1996	V8	FORD 385	F.I.	O.H.V.	F3TZ 6148 G	SWF80032
7538	7.5L	460	ECONOLINE	1993 - 1996	V8	FORD 385	F.I.	O.H.V.	F3TZ 6148 G	SWF80032
7538	7.5L	460	F250	1995 - 1997	V8	FORD 385	F.I.	O.H.V.	F3TZ 6148 G	SWF80032
7538	7.5L	460	F350	1995 - 1997	V8	FORD 385	F.I.	O.H.V.	F3TZ 6148 G	SWF80032
8300	8.3L	506	F750	1994 - 1999		ISC 8.3	DIESEL		-	NA
FORD - END										

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
993	1.0L	61	SPRINT	1985 - 1988	3	G10	CARB	S.O.H.C.	96068389	SWS20144
993	1.0L	61	METRO	1987 - 1988	3	G10T	F.I.	S.O.H.C.	96055394	SWS20144
993	1.0L	61	SPRINT	1986 - 1988	3	G10T	F.I.	S.O.H.C.	96068389	SWS20144
993	1.0L	61	METRO	1989 - 1998	3	G10	F.I.	S.O.H.C.	96057087	SWS20144
993	1.0L	61	METRO	1989 - 1991	3	G10T	F.I.	S.O.H.C.	96057087	SWS20144
993	1.0L	61	METRO	1999 - 2000	3	G10	F.I.	S.O.H.C.	96068389	SWS20144
993	1.0L	61	METRO	1989 - 1994	3	G10	F.I.	S.O.H.C.	96061652	SWS20145
993	1.0L	61	SPRINT	1986 - 1987	3	G10	F.I.	S.O.H.C.	96061652	SWS20145
1298	1.3L	79	METRO	1995 - 1997	4	G13BA	F.I.	S.O.H.C.	96068389	SWS20143
1298	1.3L	79	METRO	1998 - 2001	4	G13BA	F.I.	S.O.H.C.	91173873	SWS20143
1364	1.4L	83	CRUZE	2011 - 2012	4	ECOTEC 1.4	F.I.	D.O.H.C.	-	NA
1398	1.4L	85	VOLT HYBRID	2011 - 2012	4	ECOFLEX LDD	F.I.	D.O.H.C.	-	NA
1471	1.5L	90	SPECTRUM	1985 - 1986	4	4XC1	CARB	S.O.H.C.	94141947	SWI10151
1471	1.5L	90	SPECTRUM	1987 - 1989	4	4XC1	CARB	S.O.H.C.	94141947	SWI10151
1471	1.5L	90	SPECTRUM	1987 - 1989	4	4XC1T	F.I.	S.O.H.C.	94109650	SWI10152
1559	1.6L	95	LeMans	1988 - 1993	4	NP960	F.I.	S.O.H.C.	90273451	SWD20003
1587	1.6L	97	NOVA	1985 - 1988	4	4ALC	CARB	S.O.H.C.	94840036	SWT10108
1587	1.6L	97	TRACKER	1989 - 1995	4	G16K	F.I.	S.O.H.C.	96067669	SWS20142

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
96053321	DISC. 11-668		74.00	1.20	1.50		2.80		6 VALVE
			2.913	0.047	0.059		0.110		
96055390	DISC. 11-666		74.00	1.20	1.50		2.80		w/ TURBO, 6 VALVE
96067799	DISC. 11-666		2.913	0.047	0.059		0.110		w/ TURBO
96060039	11-665	323	74.00	1.20	1.50		2.80		BASE MODEL, 6 VALVE
			2.913	0.047	0.059		0.110		
96062030	X		74.00	1.20	1.50		2.80		w/ TURBO, 6 VALVE
			2.913	0.047	0.059		0.110		
91174382	X		74.00	1.20	1.50		2.80		6 VALVE
			2.913	0.047	0.059		0.110		
96060043	X		74.00	1.20	-		2.80		XFI MODEL, 6 VALVE, (NO 2nd Ring)
			2.913	0.047	-		0.110		
96056901	X		74.00	1.20	1.50		2.80		ER, 6 VALVE
			2.913	0.047	0.059		0.110		
96066387	11-625	316	74.00	1.20	1.50		2.80		BASE MODEL, 8 VALVE
			2.913	0.047	0.059		0.110		
91173869	X		74.00	1.20	1.50		2.80		16 VALVE
			2.913	0.047	0.059		0.110		
-	X		72.50						w/ TURBO, 16 VALVE
			2.854	0.000	0.000		0.000		
-	X		73.41						16 VALVE
			2.890	0.000	0.000		0.000		
94251076	DISC. 11-565		77.00	1.50	-		2.80		8 VALVE
94460838	DISC. 11-565		3.031	0.059	-		0.110		8 VALVE
94109616	X		77.00	1.20	1.20		2.80		w/ TURBO
			3.031	0.047	0.047		0.110		
-	X		76.50	1.50	1.50		3.00		
			3.012	0.059	0.059		0.118		
94850643	11-144	302	81.00	1.50	1.50		2.80		S MODEL V.I.N. 4
			3.189	0.059	0.059		0.110		
96067795	11-629	317	75.00	1.20	1.50		2.80		8 VALVE
			2.953	0.047	0.059		0.110		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
1587	1.6L	97	TRACKER	1995 - 2000	4	G16KV	F.I.	S.O.H.C.	96067669	SWS20142
1587	1.6L	97	TRACKER	1996 - 2000	4	G16KV	F.I.	S.O.H.C.	91173290	SWS20142
1587	1.6L	97	PRIZM	1989 - 1992	4	4AFE	F.I.	D.O.H.C.	94847305	SWT10142
1587	1.6L	97	NOVA	1988 ONLY	4	4AGE	F.I.	D.O.H.C.	94845462	SWT10108
1587	1.6L	97	PRIZM	1989 ONLY	4	4AGE	F.I.	D.O.H.C.	94845462	SWT10108
1587	1.6L	97	STORM	1990 - 1991	4	4XE1W	F.I.	D.O.H.C.	94370434	SWI10149
1587	1.6L	97	STORM	1990 - 1993	4	4XE1	F.I.	S.O.H.C.	94331660	SWI10149
1587	1.6L	97	PRIZM	1990 - 1992	4	4AGE	F.I.	D.O.H.C.	94847635	SWT10150
1587	1.6L	97	PRIZM	1993 - 1997	4	4AFE	F.I.	D.O.H.C.	94854159	SWT10156
1598	1.6L	98	AVEO	2004 - 2012	4	ECOTEC II 1.6L	F.I.	D.O.H.C.	93740225	SWD20004
1598	1.6L	98	AVEO5	2007 - 2012	4	ECOTEC II 1.6L	F.I.	D.O.H.C.	93740225	SWD20004
1598	1.6L	98	G3	2009 ONLY	4	ECOTEC II 1.6L	F.I.	D.O.H.C.	93740225	SWD20004
1762	1.8L	108	PRIZM	1992 - 1997	4	7AFE	F.I.	D.O.H.C.	94855500	SWT10156
1794	1.8L	109	PRIZM	1998 - 2000	4	1ZZFE	F.I.	D.O.H.C.	94856686	SWT10183
1794	1.8L	109	PRIZM	2001 - 2002	4	1ZZFE	F.I.	D.O.H.C.	94859421	SWT10183
1794	1.8L	109	VIBE	2003 - 2008	4	1ZZFE	F.I.	D.O.H.C.	88972331	SWT10183
1794	1.8L	109	VIBE	2003 - 2008	4	1ZZFE	F.I.	D.O.H.C.	94859421	SWT10183
1796	1.8L	110	ASTRA	2008 - 2010	4	FAMILY-1 1.8L	F.I.	D.O.H.C.	-	NA
1796	1.8L	110	CRUZE	2011 - 2012	4	ECOTEC 1.8 DCVCP	F.I.	D.O.H.C.	-	NA
1796	1.8L	110	VIBE	2003 - 2006	4	2ZZFE	F.I.	D.O.H.C.	88969557	SWT10196

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
96068583	11-630	317	75.00	1.20	1.50		2.80		16 VALVE
			2.953	0.047	0.059		0.110		
91173286	X		75.00	1.20	1.50		2.80		16 VALVE
			2.953	0.047	0.059		0.110		
94847306	11-649	320	81.00	1.50	1.50		3.00		16 VALVE
			3.189	0.059	0.059		0.118		
94844692	11-660	322	81.00	1.50	1.50		2.80		S MODEL V.I.N. 5, 16 VALVE
94844692	11-660	322	3.189	0.059	0.059		0.110		Gsi, 16 VALVE
94361830	X		80.00	1.20	1.20		3.00		Gsi, 16 VALVE
			3.150	0.047	0.047		0.118		
94455400	X		80.00	1.20	1.20		3.00		12 VALVE
			3.150	0.047	0.047		0.118		
94847635	X		81.00	1.20	1.50		2.80		Gsi, 16 VALVE
			3.189	0.047	0.059		0.110		
94853590	11-714	329	81.00	1.20	1.50		3.00		16 VALVE
			3.189	0.047	0.059		0.118		
96389106	X		79.00	1.20	1.50		3.00		16 VALVE
96389106	X		3.110	0.047	0.059		0.118		16 VALVE
96389106	X								16 VALVE
94853591	11-713	329	81.00	1.20	1.50		3.00		TOYOTA Engine, Gsi, 16 VALVE
			3.189	0.047	0.059		0.118		
94856684	11-756	338	79.00	1.20	1.20		3.00		TOYOTA Engine, 16 VALVE
			3.110	0.047	0.047		0.118		
94859420	11-777	342	79.00	1.20	1.20		3.00		TOYOTA Engine, 16 VALVE
88969051	11-777	342	3.110	0.047	0.047		0.118		TOYOTA Engine, AWD, 16 VALVE
88972330	11-777	342							TOYOTA Engine, FWD, 16 VALVE
-	X		80.50						16 VALVE
			3.169	0.000	0.000		0.000		
-	X		80.50						16 VALVE
			3.169	0.000	0.000		0.000		
88969556	X		82.00	1.20	1.20		3.00		TOYOTA Engine, GT, 16 VALVE
			3.228	0.047	0.047		0.118		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
1798	1.8L	110	VIBE	2009 - 2010	4	2ZRFE	F.I.	D.O.H.C.	19185554	NA
1809	1.8L	110	STORM	1992 - 1993	4	4XF1	F.I.	D.O.H.C.	94342124	SWI10149
1817	1.8L	111	LUV	1972 - 1975	4	G180Z	CARB	S.O.H.C.	-	SWI10056
1817	1.8L	111	LUV	1976 - 1979	4	G180Z	CARB	S.O.H.C.	-	SWI10056
1817	1.8L	111	LUV	1980 ONLY	4	G180Z	CARB	S.O.H.C.	-	SWI10056
1817	1.8L	111	LUV	1981 - 1985	4	G180Z	CARB	S.O.H.C.	-	SWI10098
1817	1.8L	111	S-10 PICKUP	1982 ONLY	4	G180Z	CARB	S.O.H.C.	94216641	SWI10056
1817	1.8L	111	S-15 PICKUP	1982 ONLY	4	G200Z	CARB	S.O.H.C.	94216641	SWI10056
1817	1.8L	111	1000	1983 - 1984	4	4FB1	DIESEL		94224221	SJI10086
1817	1.8L	111	CHEVETTE	1981 - 1986	4	4FB1	DIESEL		94224221	SJI10086
1817	1.8L	111	EL CAMINO	1983 - 1984	4	4FB1	DIESEL		94224221	SJI10086
1901	1.9L	116	SC	1991 - 1992	4	SATURN I4 LL0	F.I.	D.O.H.C.	21006721	SWG10020
1901	1.9L	116	SC2	1993 - 1994	4	SATURN I4 LL0	F.I.	D.O.H.C.	21006721	SWG10020
1901	1.9L	116	SL2	1991 - 1994	4	SATURN I4 LL0	F.I.	D.O.H.C.	21006721	SWG10020
1901	1.9L	116	SW2	1993 - 1994	4	SATURN I4 LL0	F.I.	D.O.H.C.	21006721	SWG10020
1901	1.9L	116	SC1	1993 - 1994	4	SATURN I4 LK0	F.I.	S.O.H.C.	21006715	SWG10020
1901	1.9L	116	SL	1991 - 1994	4	SATURN I4 LK0	F.I.	S.O.H.C.	21006715	SWG10020
1901	1.9L	116	SL1	1991 - 1994	4	SATURN I4 LK0	F.I.	S.O.H.C.	21006715	SWG10020
1901	1.9L	116	SW1	1993 - 1994	4	SATURN I4 LK0	F.I.	S.O.H.C.	21006715	SWG10020
1901	1.9L	116	SC1	1995 - 1998	4	SATURN I4 L24	F.I.	S.O.H.C.	21007180	SWG10021
1901	1.9L	116	SL	1995 - 1998	4	SATURN I4 L24	F.I.	S.O.H.C.	21007180	SWG10021
1901	1.9L	116	SL1	1995 - 1998	4	SATURN I4 L24	F.I.	S.O.H.C.	21007180	SWG10021
1901	1.9L	116	SW1	1995 - 1998	4	SATURN I4 L24	F.I.	S.O.H.C.	21007180	SWG10021
1901	1.9L	116	SC2	1995 - 1998	4	SATURN I4 LL0	F.I.	D.O.H.C.	21007180	SWG10021
1901	1.9L	116	SL2	1995 - 1998	4	SATURN I4 LL0	F.I.	D.O.H.C.	21007180	SWG10021
1901	1.9L	116	SW2	1995 - 1998	4	SATURN I4 LL0	F.I.	D.O.H.C.	21007180	SWG10021
1949	1.9L	119	S-10 BLAZER	1982 - 1985	4	G200Z	C & F	S.O.H.C.	94438086	SWI10096
1949	1.9L	119	S-10 PICKUP	1983 - 1985	4	G200Z	C & F	S.O.H.C.	94438086	SWI10096
1949	1.9L	119	S-15 JIMMY	1983 - 1984	4	G200Z	C & F	S.O.H.C.	94438086	SWI10096
1949	1.9L	119	S-15 PICKUP	1983 - 1985	4	G200Z	C & F	S.O.H.C.	94438086	SWI10096

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
19185553	NA		80.50						TOYOTA Engine,16 VALVE
			3.169	0.000	0.000		0.000		
97067000	X		80.00	1.20	1.20		3.00		ISUZU Enging, Gsi, 16 VALVE
			3.150	0.047	0.047		0.118		
-	DISC. 11-010		84.00	2.00	2.00		4.00		ISUZU Engine, 8 VALVE
			3.307	0.079	0.079		0.157		
-	DISC. 11-011		84.00	2.00	2.00		4.00		ISUZU Engine, 8 VALVE
			3.307	0.079	0.079		0.157		
-	11-012	294	84.00	2.00	2.00		4.00		ISUZU Engine, 8 VALVE
			3.307	0.079	0.079		0.157		
-	DISC. 11-013		84.00	1.50	1.50		4.00		ISUZU Engine, 8 VALVE
			3.307	0.059	0.059		0.157		
94213831	X		84.00	2.00	2.00		4.00		ISUZU Engine, 8 VALVE
94213831	X		3.307	0.079	0.079		0.157		ISUZU Engine, 8 VALVE
94228886	X		84.00	2.50	2.00		4.00		ISUZU Engine
94228886	X		3.307	0.098	0.079		0.157		ISUZU Engine
94228886	X								ISUZU Engine
21006718	X		82.00	1.50	1.50		3.00		16 VALVE
21006718	X		3.228	0.059	0.059		0.118		16 VALVE
21006718	X								16 VALVE
21006718	X								16 VALVE
21007100	X		82.00	1.50	1.50		3.00		8 VALVE
21007100	X		3.228	0.059	0.059		0.118		8 VALVE
21007100	X								8 VALVE
21007100	X								8 VALVE
21007103	X		82.00	1.20	1.50		3.00		8 VALVE
21007103	X		3.228	0.047	0.059		0.118		8 VALVE
21007103	X								8 VALVE
21007103	X								8 VALVE
21008575*	X		82.00	1.20	1.50		3.00		16 VALVE
21008575*	X		3.228	0.047	0.059		0.118		16 VALVE
21008575*	X								16 VALVE
94237469	11-016	294	87.00	1.50	1.50		4.00		8 VALVE
94237469	11-016	294	3.425	0.059	0.059		0.157		8 VALVE
94237469	11-016	294							8 VALVE
94237469	11-016	294							8 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
1983	2.0L	121	FIRENZA	1987 - 1988	4	CID 121	F.I.	S.O.H.C.	52273305	SWG10010
1983	2.0L	121	LeMans	1989 - 1990	4	CID 121	F.I.	S.O.H.C.	52273305	SWG10010
1983	2.0L	121	SKYHAWK	1987 - 1988	4	CID 121	F.I.	S.O.H.C.	52273305	SWG10010
1983	2.0L	121	SUNBIRD	1987 - 1991	4	CID 121	F.I.	S.O.H.C.	52273305	SWG10010
1983	2.0L	121	SUNBIRD	1992 - 1994	4	CID 121	F.I.	S.O.H.C.	52273305	SWG10010
1983	2.0L	121	TRACKER	1999 - 2002	4	G20K	F.I.	D.O.H.C.	91174392	SWS20142
1998	2.0L	122	COBALT	2005 - 2007	4	ECOTEC LSJ	F.I.	D.O.H.C.	96180138	NA
1998	2.0L	122	ION	2005 - 2008	4	ECOTEC LSJ	F.I.	D.O.H.C.	96180138	NA
1998	2.0L	122	COBALT	2008 - 2012	4	ECOTEC LNF	F.I.	D.O.H.C.	89018107	SWG10032
1998	2.0L	122	HHR	2008 - 2010	4	ECOTEC LNF	F.I.	D.O.H.C.	89018107	SWG10032
1998	2.0L	122	SKY	2007 - 2010	4	ECOTEC LNF	F.I.	D.O.H.C.	89018107	SWG10032
1998	2.0L	122	SOLSTICE	2006 - 2010	4	ECOTEC LNF	F.I.	D.O.H.C.	89018107	SWG10032
1998	2.0L	122	REGAL	2011 - 2012	4	ECOTEC LHU	F.I.	D.O.H.C.	-	NA
1999	2.0L	122	GRAND AM	1987 - 1989	4	GM122 2.0L	F.I.	S.O.H.C.	52273308	SWG10010
1999	2.0L	122	SKYHAWK	1987 ONLY	4	GM122 2.0L	F.I.	S.O.H.C.	52273308	SWG10010
1999	2.0L	122	SUNBIRD	1987 - 1990	4	GM122 2.0L	F.I.	S.O.H.C.	52273308	SWG10010
1999	2.0L	122	BERETTA	1987 - 1989	4	GM122 2.0L	CARB	S.O.H.C.	12363179	SWI10195
1999	2.0L	122	CAVALIER	1987 - 1989	4	GM122 2.0L	CARB	S.O.H.C.	12363179	SWI10195
1999	2.0L	122	CORSICA	1987 - 1989	4	GM122 2.0L	CARB	S.O.H.C.	12363179	SWI10195
1999	2.0L	122	FIRENZA	1987 - 1988	4	GM122 2.0L	CARB	S.O.H.C.	12363179	SWI10195
1999	2.0L	122	SKYHAWK	1987 ONLY	4	GM122 2.0L	CARB	S.O.H.C.	12363179	SWI10195
1999	2.0L	122	SKYHAWK	1988 - 1989	4	GM122 2.0L	CARB	S.O.H.C.	12363179	SWI10195
2196	2.2L	134	VUE	2002 - 2007	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	9118853	SWG10016 4CYL
2196	2.2L	134	CAVALIER	2002 - 2006	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2196	2.2L	134	COBALT	2005 - 2008	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2196	2.2L	134	G5	2005 - 2008	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2196	2.2L	134	GRAND AM	2002 - 2004	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2196	2.2L	134	HHR	2006 - 2012	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2196	2.2L	134	ION	2003 - 2008	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2196	2.2L	134	MALIBU	2004 - 2008	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2196	2.2L	134	SUNFIRE	2002 - 2006	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1 S T	2 N D	3 R D	O 1	O 2	REMARK
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
52250913	X		86.00	1.50	1.50		3.00		Normally Aspirated
52250913	X		3.386	0.059	0.059		0.118		Normally Aspirated
52250913	X								Normally Aspirated
52250913	X								Normally Aspirated
52269890	X		86.00	1.50	1.50		3.00		Normally Aspirated, 8 VALVE
			3.386	0.059	0.059		0.118		
91174386	X		84.00	1.20	1.50		2.80		16 VALVE
			3.307	0.047	0.059		0.110		
12791210	X		86.00						16 VALVE
12791210	X		3.386	0.000	0.000		0.000		16 VALVE
89018108	X		86.00	1.20	1.50		2.00		w/ TURBO, 16 VALVE
89018108	X		3.386	0.000	0.000		0.000		w/ TURBO, 16 VALVE
89018108	X								w/ TURBO, 16 VALVE
89018108	X								w/ TURBO, 16 VALVE
-	X		86.00						16 VALVE
			3.386	0.000	0.000		0.000		
52273302	X		86.00	1.50	1.50		3.00		w/ TURBO
52273302	X		3.386	0.059	0.059		0.118		w/ TURBO
52273302	X								w/ TURBO
10112366	X		89.00	1.50	1.50		3.00		
10112366	X		3.504	0.059	0.059		0.118		
10112366	X								
10112366	X								
10112366	X								
10112366	X								
90571284	X		86.00	1.20	1.50		3.00		16 VALVE
			3.386	0.047	0.059		0.118		
12572796	X		86.00	1.20	1.50		2.50		16 VALVE
12572796	X		3.386	0.047	0.059		0.098		16 VALVE
12572796	X								16 VALVE
12572796	X								16 VALVE
12572796	X								16 VALVE
12572796	X								16 VALVE
12572796	X								16 VALVE
12572796	X								16 VALVE
12572796	X								16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
2196	2.2L	134	L100	2000 - 2002	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2196	2.2L	134	L200	2000 - 2002	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2196	2.2L	134	L300	2000 - 2004	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2196	2.2L	134	LS	2000 - 2002	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2196	2.2L	134	LS1	2000 - 2002	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2196	2.2L	134	LW1	2000 - 2002	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2196	2.2L	134	LW200	2000 - 2002	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2196	2.2L	134	ALERO	2000 - 2004	4	ECOTEC 2.2 L61	F.I.	D.O.H.C.	21018813	SWG10019
2197	2.2L	134	BERETTA	1990 - 1991	4	GM122 2.2L	F.I.	S.O.H.C.	12363179	SWI10195
2197	2.2L	134	CAVALIER	1990 - 1991	4	GM122 2.2L	F.I.	S.O.H.C.	12363179	SWI10195
2197	2.2L	134	CORSICA	1990 - 1991	4	GM122 2.2L	F.I.	S.O.H.C.	12363179	SWI10195
2197	2.2L	134	BERETTA	1992 - 1993	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	CAVALIER	1992 - 1993	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	CENTURY	1993 ONLY	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	CORSICA	1992 - 1993	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	Cutlass CIERA	1993 ONLY	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	Cutlass CRUISER	1993 ONLY	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	BERETTA	1994 - 1996	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	CAVALIER	1994 - 2002	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	CENTURY	1994 - 1996	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	CIERA	1996 ONLY	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	CORSICA	1994 - 1996	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	Cutlass CIERA	1994 - 1995	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	Cutlass CRUISER	1994 ONLY	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	S-10 PICKUP	1994 - 1997	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	S-10 PICKUP	1999 - 2003	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	SONOMA	1994 - 1997	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	SUNFIRE	1995 - 2002	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	S-10 PICKUP	1998 ONLY	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2197	2.2L	134	SONOMA	1998 - 2002	4	GM122 2.2L	F.I.	O.H.V.	12363179	SWI10195
2201	2.2L	134	COBALT	2009 - 2012	4	ECOTEC 2.2 LAP	F.I.	D.O.H.C.	21018813	SWG10019
2201	2.2L	134	G5	2009 ONLY	4	ECOTEC 2.2 LAP	F.I.	D.O.H.C.	21018813	SWG10019
2238	2.2L	137	S-10 BLAZER	1984 - 1985	4	C223	DIESEL		94250730	SJI10089
2238	2.2L	137	S-10 PICKUP	1984 - 1985	4	C223	DIESEL		94250730	SJI10089
2238	2.2L	137	S-15 PICKUP	1984 - 1985	4	C223	DIESEL		94250730	SJI10089
2254	2.3L	138	ACHIEVA	1992 - 1994	4	QUAD-4 LG0	F.I.	S.O.H.C.	22548439	SWG10014
2254	2.3L	138	Cutlass Calais	1988 - 1989	4	QUAD-4 LG0	F.I.	S.O.H.C.	22548439	SWG10014
2254	2.3L	138	GRAND AM	1988 ONLY	4	QUAD-4 LG0	F.I.	S.O.H.C.	22548439	SWG10014
2254	2.3L	138	SKYLARK	1988 - 1989	4	QUAD-4 LG0	F.I.	S.O.H.C.	22548439	SWG10014

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
21018815	X		86.00	1.20	1.50		2.50		16 VALVE
21018815	X		3.386	0.047	0.059		0.098		16 VALVE
21018815	X								16 VALVE
21018815	X								16 VALVE
21018815	X								16 VALVE
21018815	X								16 VALVE
21018815	X								16 VALVE
24577471	X		86.00	1.20	1.50		2.50		16 VALVE
			3.386	0.047	0.059		0.098		
10184907	X		89.00	1.50	1.50		3.00		VIN-4, 8 VALVE
10184907	X		3.504	0.059	0.059		0.118		VIN-4, 8 VALVE
10184907	X								VIN-4, 8 VALVE
10103688	X		89.00	1.50	1.50		3.00		VIN-4, 8 VALVE
10103688	X		3.504	0.059	0.059		0.118		VIN-4, 8 VALVE
10103688	X								VIN-4, 8 VALVE
10103688	X								VIN-4, 8 VALVE
10103688	X								VIN-4, 8 VALVE
10103688	X								VIN-4, 8 VALVE
24576691	X		89.00	1.50	1.50		3.00		VIN-4, 8 VALVE
24576691	X		3.504	0.059	0.059		0.118		VIN-4, 8 VALVE
24576691	X								VIN-4, 8 VALVE
24576691	X								VIN-4, 8 VALVE
24576691	X								VIN-4, 8 VALVE
24576691	X								VIN-4, 8 VALVE
24576691	X								VIN-4, 8 VALVE
24576691	X								VIN-4, 8 VALVE
24576691	X								VIN-4, 8 VALVE
24576691	X								VIN-4, 8 VALVE
24576691	X								VIN-4, 8 VALVE
24576691	X								VIN-4, 8 VALVE
24577467	X		89.00	1.50	1.50		3.00		VIN-4, 8 VALVE
24577467	X		3.504	0.059	0.059		0.118		VIN-4, 8 VALVE
19180242	X		86.00	1.20	1.50		2.50		16 VALVE
19180242	X		3.386	0.047	0.059		0.098		16 VALVE
94250729	DISC. 11-014		88.00	2.50	2.00		4.50		
94250729	DISC. 11-014		3.465	0.098	0.079		0.177		
94250729	DISC. 11-014								
22539861	X		92.00	1.50	1.50		3.00		VIN-D
22539861	X		3.622	0.059	0.059		0.118		VIN-D
22539861	X								VIN-D
22539861	X								VIN-D

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
2254	2.3L	138	ACHIEVA	1992 - 1995	4	QUAD-4 LG0	F.I.	D.O.H.C.	22548439	SWG10014
2254	2.3L	138	CAVALIER	1995 ONLY	4	QUAD-4 LG0	F.I.	D.O.H.C.	22548439	SWG10014
2254	2.3L	138	Cutlass Calais	1990 ONLY	4	QUAD-4 LG0	F.I.	D.O.H.C.	22548439	SWG10014
2254	2.3L	138	Cutlass Supreme	1990 - 1991	4	QUAD-4 LG0	F.I.	D.O.H.C.	22548439	SWG10014
2254	2.3L	138	GRAND AM	1989 - 1995	4	QUAD-4 LG0	F.I.	D.O.H.C.	22548439	SWG10014
2254	2.3L	138	GRAND PRIX	1990 - 1991	4	QUAD-4 LG0	F.I.	D.O.H.C.	22548439	SWG10014
2254	2.3L	138	SKYLARK	1990 - 1995	4	QUAD-4 LG0	F.I.	D.O.H.C.	22548439	SWG10014
2254	2.3L	138	SUNFIRE	1995 ONLY	4	QUAD-4 LG0	F.I.	D.O.H.C.	22548439	SWG10014
2254	2.3L	138	ACHIEVA	1992 - 1994	4	QUAD-4 LG0	F.I.	D.O.H.C.	22548439	SWG10014
2254	2.3L	138	BERETTA	1990 - 1994	4	QUAD-4 LG0	F.I.	D.O.H.C.	22548439	SWG10014
2254	2.3L	138	Cutlass Calais	1989 - 1990	4	QUAD-4 LG0	F.I.	D.O.H.C.	22548439	SWG10014
2254	2.3L	138	Cutlass Supreme	1990 ONLY	4	QUAD-4 LG0	F.I.	D.O.H.C.	22548439	SWG10014
2254	2.3L	138	GRAND AM	1989 - 1994	4	QUAD-4 LG0	F.I.	D.O.H.C.	22548439	SWG10014
2254	2.3L	138	ACHIEVA	1992 - 1994	4	QUAD-4 LG0	F.I.	D.O.H.C.	22548439	SWG10014
2376	2.4L	145	AURA HYBRID	2007 - 2009	4	BAS-H 2.4	F.I.	D.O.H.C.	19180836	TBA
2376	2.4L	145	MALIBU HYBRID	2009 ONLY	4	ECOTEC 2.4 LAT	F.I.	D.O.H.C.	19180836	TBA
2376	2.4L	145	VUE HYBRID	2007 - 2009	4	ECOTEC 2.4 LAT	F.I.	D.O.H.C.	19180836	TBA
2376	2.4L	145	MALIBU HYBRID	2010 ONLY	4	ECOTEC 2.4 LAT	F.I.	D.O.H.C.	12631103	NA
2376	2.4L	145	VUE HYBRID	2010 ONLY	4	ECOTEC 2.4 LAT	F.I.	D.O.H.C.	12631103	NA
2384	2.4L	145	HHR	2010 - 2012	4	ECOTEC 2.4 LE5	F.I.	D.O.H.C.	12631103	NA
2384	2.4L	145	MALIBU	2010 - 2012	4	ECOTEC 2.4 LE5	F.I.	D.O.H.C.	12631103	NA
2384	2.4L	145	SKY	2010 ONLY	4	ECOTEC 2.4 LE5	F.I.	D.O.H.C.	12631103	NA
2384	2.4L	145	SOLSTICE	2010 ONLY	4	ECOTEC 2.4 LE5	F.I.	D.O.H.C.	12631103	NA
2384	2.4L	145	AURA	2007 - 2009	4	ECOTEC 2.4 LE5	F.I.	D.O.H.C.	19180836	TBA
2384	2.4L	145	COBALT	2006 - 2008	4	ECOTEC 2.4 LE5	F.I.	D.O.H.C.	19180836	TBA
2384	2.4L	145	G5	2006 - 2008	4	ECOTEC 2.4 LE5	F.I.	D.O.H.C.	19180836	TBA
2384	2.4L	145	G6	2006 - 2009	4	ECOTEC 2.4 LE5	F.I.	D.O.H.C.	19180836	TBA
2384	2.4L	145	HHR	2006 - 2009	4	ECOTEC 2.4 LE5	F.I.	D.O.H.C.	19180836	TBA
2384	2.4L	145	ION	2006 - 2008	4	ECOTEC 2.4 LE5	F.I.	D.O.H.C.	19180836	TBA
2384	2.4L	145	MALIBU	2009 ONLY	4	ECOTEC 2.4 LE5	F.I.	D.O.H.C.	19180836	TBA
2384	2.4L	145	SKY	2007 - 2009	4	ECOTEC 2.4 LE5	F.I.	D.O.H.C.	19180836	TBA
2384	2.4L	145	SOLSTICE	2006 - 2009	4	ECOTEC 2.4 LE5	F.I.	D.O.H.C.	19180836	TBA
2392	2.4L	146	ACHIEVA	1997 - 1998	4	QUAD-4 LD9	F.I.	D.O.H.C.	24575965	SWG10022
2392	2.4L	146	CAVALIER	1996 - 1998	4	QUAD-4 LD9	F.I.	D.O.H.C.	24575965	SWG10022
2392	2.4L	146	GRAND AM	1996 - 1999	4	QUAD-4 LD9	F.I.	D.O.H.C.	24575965	SWG10022
2392	2.4L	146	MALIBU	1997 - 1998	4	QUAD-4 LD9	F.I.	D.O.H.C.	24575965	SWG10022
2392	2.4L	146	SKYLARK	1996 - 1997	4	QUAD-4 LD9	F.I.	D.O.H.C.	24575965	SWG10022
2392	2.4L	146	SUNFIRE	1996 - 1998	4	QUAD-4 LD9	F.I.	D.O.H.C.	24575965	SWG10022

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
22548435	X		92.00	1.50	1.50		3.00		VIN-D, 16 VALVE
22548435	X		3.622	0.059	0.059		0.118		VIN-D, 16 VALVE
22548435	X								VIN-D, 16 VALVE
22548435	X								VIN-D, 16 VALVE
22548435	X								VIN-D, 16 VALVE
22548435	X								VIN-D, 16 VALVE
22548435	X								VIN-D, 16 VALVE
22548435	X								VIN-D, 16 VALVE
22548437	X		92.00	1.50	1.50		3.00		VIN-A
22548437	X		3.622	0.059	0.059		0.118		VIN-A
22548437	X								VIN-A
22548437	X								VIN-A
22548437	X								VIN-A
24573576	X		92.00	1.50	1.50		3.00		VIN-A, w/ H.O.
			3.622	0.059	0.059		0.118		
-	X		88.00	1.20	1.50		2.50		16 VALVE
-	X		3.465	0.047	0.059		0.098		16 VALVE
-	X								16 VALVE
-	X		88.00	1.20	1.50		2.00		16 VALVE
-	X		3.465	0.047	0.059		0.079		16 VALVE
12631102	X		88.00	1.20	1.50		2.00		16 VALVE
12631102	X		3.465	0.047	0.059		0.079		16 VALVE
12631102	X								16 VALVE
12631102	X								16 VALVE
19180835	X		88.00	1.20	1.50		2.50		16 VALVE
19180835	X		3.465	0.047	0.059		0.098		16 VALVE
19180835	X								16 VALVE
19180835	X								16 VALVE
19180835	X								16 VALVE
19180835	X								16 VALVE
19180835	X								16 VALVE
19180835	X								16 VALVE
19180835	X								16 VALVE
24575963	X		90.00	1.20	1.50		3.00		VIN-T, 16 VALVE
24575963	X		3.543	0.047	0.059		0.118		VIN-T, 16 VALVE
24575963	X								VIN-T, 16 VALVE
24575963	X								VIN-T, 16 VALVE
24575963	X								VIN-T, 16 VALVE
24575963	X								VIN-T, 16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
2392	2.4L	146	ALERO	1999 - 2001	4	QUAD-4 LD9	F.I.	D.O.H.C.	24575965	SWG10022
2392	2.4L	146	CAVALIER	1999 - 2002	4	QUAD-4 LD9	F.I.	D.O.H.C.	24575965	SWG10022
2392	2.4L	146	GRAND AM	2000 - 2001	4	QUAD-4 LD9	F.I.	D.O.H.C.	24575965	SWG10022
2392	2.4L	146	MALIBU	1999 ONLY	4	QUAD-4 LD9	F.I.	D.O.H.C.	24575965	SWG10022
2392	2.4L	146	SUNFIRE	1999 - 2002	4	QUAD-4 LD9	F.I.	D.O.H.C.	24575965	SWG10022
2401	2.4L	147	VIBE	2009 - 2010	4	2AZFE	F.I.	D.O.H.C.	13011-28102	SWT10182
2409	2.4L	147	EQUINOX	2010 - 2012	4	ECOTEC LAF	F.I.	D.O.H.C.	19180836	NA
2409	2.4L	147	LaCrosse	2010 - 2012	4	ECOTEC LAF	F.I.	D.O.H.C.	19180836	NA
2409	2.4L	147	TERRAIN	2010 - 2012	4	ECOTEC LAF	F.I.	D.O.H.C.	19180836	NA
2736	2.7L	167	VUE	2008 - 2010	4	ECOTEC 2.8 LE5	F.I.	D.O.H.C.	12593744	NA
2770	2.8L	169	CANYON	2004 - 2006	4	Vortec 2800 LK5	F.I.	D.O.H.C.	89060378	NA
2770	2.8L	169	COLORADO	2004 - 2006	4	ATLAS LK5	F.I.	D.O.H.C.	89060378	NA
2792	2.8L	170	CTS	2005 - 2008	V6	Alloytec LP1	F.I.	D.O.H.C.	12596025	NA
2792	2.8L	170	SRX	2010 - 2012	V6	Alloytec LAU	F.I.	D.O.H.C.	-	NA
2835	2.8L	173	CITATION	1981 - 1983	V6	GM 60° LH7	CARB	O.H.V.	14059051	SWI10154
2835	2.8L	173	Cutlass CIERA	1982 ONLY	V6	GM 60° LH7	CARB	O.H.V.	14059051	SWI10154
2835	2.8L	173	OMEGA	1981 - 1983	V6	GM 60° LH7	CARB	O.H.V.	14059051	SWI10154
2835	2.8L	173	PHOENIX	1981 - 1984	V6	GM 60° LH7	CARB	O.H.V.	14059051	SWI10154
2835	2.8L	173	SKYLARK	1981 - 1984	V6	GM 60° LH7	CARB	O.H.V.	14059051	SWI10154
2827	2.8L	173	S-10 BLAZER	1986 ONLY	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	CAMARO	1985 - 1989	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	CAVALIER	1985 - 1986	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	CELEBRITY	1985 - 1986	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	CIMARRON	1985 ONLY	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	CITATION II	1985 ONLY	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	FIERO	1985 - 1988	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	FIREBIRD	1987 - 1989	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	FIRENZA	1985 ONLY	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	S-10 BLAZER	1987 - 1989	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	S-10 PICKUP	1986 ONLY	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	S-10 PICKUP	1987 - 1993	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	S-15 JIMMY	1986 - 1989	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	S-15 PICKUP	1986 - 1990	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	SKYLARK	1985 ONLY	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
24577471	X		90.00	1.20	1.50		3.00		VIN-T, 16 VALVE
24577471	X		3.543	0.047	0.059		0.118		VIN-T, 16 VALVE
24577471	X								VIN-T, 16 VALVE
24577471	X								VIN-T, 16 VALVE
24577471	X								VIN-T, 16 VALVE
13211-28030-A0	11-792	344	88.50	1.20	1.20		2.00		16 VALVE
			3.484	0.047	0.047		0.079		
12631102	X		88.90						16 VALVE
12631102	X		3.500	0.000	0.000		0.000		16 VALVE
12631102	X								16 VALVE
19180835	X		88.00						16 VALVE
			3.465	0.000	0.000		0.000		
12585784	X		93.00						16 VALVE
12585784	X		3.661	0.000	0.000		0.000		16 VALVE
12596024	X		89.00						24 VALVE
			3.504	0.000	0.000		0.000		
-	X		89.00						w/ TURBO, 24 VALVE
			3.504	0.000	0.000		0.000		
14033250	X		89.00	1.50	2.00		4.76		VIN-X
14033250	X		3.504	0.059	0.079		0.187		VIN-X
14033250	X								VIN-X
14033250	X								VIN-X
14033250	X								VIN-X
14092310	X		89.00	1.50	2.00		4.76		VIN-W
14092910	X		3.504	0.059	0.079		0.187		VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W
14092910	X								VIN-W

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
2827	2.8L	173	6000	1984 - 1986	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	CELEBRITY	1985 - 1986	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	CENTURY	1986 ONLY	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	CIMARRON	1986 ONLY	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	CITATION II	1985 ONLY	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	Cutlass CIERA	1986 ONLY	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	Cutlass CRUISER	1986 ONLY	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	FIREBIRD	1984 - 1986	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	FIRENZA	1986 ONLY	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	SKYLARK	1985 ONLY	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2827	2.8L	173	SONOMA	1991 - 1993	V6	GM 60° L44	F.I.	O.H.V.	14089059	SWI10154
2835	2.8L	173	BERETTA	1987 ONLY	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	CAVALIER	1987 ONLY	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	CELEBRITY	1987 ONLY	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	CENTURY	1987 ONLY	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	CIMARRON	1987 ONLY	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	CORSICA	1987 ONLY	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	Cutlass CIERA	1987 ONLY	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	Cutlass CRUISER	1987 ONLY	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	FIRENZA	1987 ONLY	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	6000	1987 - 1989	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	BERETTA	1988 ONLY	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	CAVALIER	1988 - 1989	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	CELEBRITY	1988 - 1989	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	CENTURY	1988 - 1989	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	CIMARRON	1988 ONLY	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	CORSICA	1988 ONLY	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	Cutlass CIERA	1988 - 1989	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	Cutlass CRUISER	1988 - 1989	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	Cutlass Supreme	1988 - 1989	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	REGAL	1988 - 1989	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	6000	1988 - 1991	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	CAVALIER	1990 - 1994	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	CELEBRITY	1990 ONLY	V6	GM 60° G-II	F.I.	O.H.V.	10181330	SWI10155
2835	2.8L	173	CITATION	1981 - 1983	V6	GM 60° LE2	CARB	O.H.V.	14034969	SWL03235
2835	2.8L	173	CITATION II	1984 ONLY	V6	GM 60° LE2	CARB	O.H.V.	14034969	SWL03235
2835	2.8L	173	OMEGA	1981 - 1983	V6	GM 60° LE2	CARB	O.H.V.	14034969	SWL03235
2835	2.8L	173	SKYLARK	1982 - 1984	V6	GM 60° LE2	CARB	O.H.V.	14034969	SWL03235

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
14094101	X		89.00	1.50	2.00		4.76		VIN-W
14094101	X		3.504	0.059	0.079		0.187		VIN-W
14094101	X								VIN-W
14094101	X								VIN-W
14094101	X								VIN-W
14094101	X								VIN-W
14094101	X								VIN-W
14094101	X								VIN-W
14094101	X								VIN-W
14094101	X								VIN-W
14094101	X								VIN-W
14100521	X		89.00	1.50	1.50		4.00		
14100521	X		3.504	0.059	0.059		0.157		
14100521	X								
14100521	X								
14100521	X								
14100521	X								
14100521	X								
14100521	X								
14102688	X		89.00	1.50	1.50		4.00		
14102688	X		3.504	0.059	0.059		0.157		
14102688	X								
14102688	X								
14102688	X								
14102688	X								
14102688	X								
14102688	X								
14102688	X								
14102688	X								
10070183	X		89.00	1.50	1.50		4.00		12 VALVE
10070183	X		3.504	0.059	0.059		0.157		12 VALVE
10070183	X								12 VALVE
14033129	X		89.00	1.50	2.00		4.76		VIN-Z, Deep Oil
14033129	X		3.504	0.059	0.079		0.187		VIN-Z, Deep Oil
14033129	X								VIN-Z, Deep Oil
14033129	X								VIN-Z, Deep Oil

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
2835	2.8L	173	6000	1982 - 1984	V6	GM 60° LE2	CARB	O.H.V.	14034969	SWL03235
2835	2.8L	173	CELEBRITY	1982 - 1984	V6	GM 60° LE2	CARB	O.H.V.	14034969	SWL03235
2835	2.8L	173	CITATION II	1984 ONLY	V6	GM 60° LE2	CARB	O.H.V.	14034969	SWL03235
2835	2.8L	173	FIREBIRD	1982 - 1984	V6	GM 60° LE2	CARB	O.H.V.	14034969	SWL03235
2835	2.8L	173	S-15 JIMMY	1983 - 1984	V6	GM 60° LE2	CARB	O.H.V.	14034969	SWL03235
2835	2.8L	173	S-15 PICKUP	1982 - 1984	V6	GM 60° LE2	CARB	O.H.V.	14034969	SWL03235
2835	2.8L	173	S-10 BLAZER	1983 - 1985	V6	GM 60° LE2	CARB	O.H.V.	14034969	SWL03235
2835	2.8L	173	S-10 PICKUP	1982 - 1985	V6	GM 60° LE2	CARB	O.H.V.	14034969	SWL03235
2835	2.8L	173	S-15 JIMMY	1985 ONLY	V6	GM 60° LE2	CARB	O.H.V.	14034969	SWL03235
2835	2.8L	173	S-15 PICKUP	1985 ONLY	V6	GM 60° LE2	CARB	O.H.V.	14034969	SWL03235
2921	2.9L	178	CANYON	2007 - 2012	4	Vortec 2900 LLV	F.I.	D.O.H.C.	89018219	SWG10037
2921	2.9L	178	COLORADO	2007 - 2012	4	ATLAS LLV	F.I.	D.O.H.C.	89018219	SWG10037
2962	3.0L	181	CATERA	1997 - 1998	V6	ELLESMERE L81	F.I.	S.O.H.C.	90509740	SWC10001
2962	3.0L	181	CATERA	1999 - 2001	V6	ELLESMERE L81	F.I.	D.O.H.C.	9118853	SWG10016
2962	3.0L	181	L300	2000 - 2006	V6	ELLESMERE L81	F.I.	D.O.H.C.	9118853	SWG10016
2962	3.0L	181	LS2	2000 - 2002	V6	ELLESMERE L81	F.I.	D.O.H.C.	9118853	SWG10016
2962	3.0L	181	LW200	2000 - 2002	V6	ELLESMERE L81	F.I.	D.O.H.C.	9118853	SWG10016
2962	3.0L	181	LW300	2000 - 2002	V6	ELLESMERE L81	F.I.	D.O.H.C.	9118853	SWG10016
2962	3.0L	181	VUE	2002 - 2003	V6	ELLESMERE L81	F.I.	D.O.H.C.	9118853	SWG10016
2999	3.0L	183	CTS	2011 - 2012	V6	Alloytec LF1	F.I.	D.O.H.C.	12631194	NA
2999	3.0L	183	CTS	2011 - 2012	V6	Alloytec LF1	F.I.	D.O.H.C.	12631194	NA
2999	3.0L	183	EQUINOX	2010 - 2012	V6	Alloytec LF1	F.I.	D.O.H.C.	12631194	NA
2999	3.0L	183	EQUINOX	2010 - 2012	V6	Alloytec LF1	F.I.	D.O.H.C.	12631194	NA
2999	3.0L	183	LaCrosse	2010 ONLY	V6	Alloytec LF1	F.I.	D.O.H.C.	12631194	NA
2999	3.0L	183	LaCrosse	2010 ONLY	V6	Alloytec LF1	F.I.	D.O.H.C.	12631194	NA
2999	3.0L	183	SRX	2010 - 2012	V6	Alloytec LF1	F.I.	D.O.H.C.	12631194	NA
2999	3.0L	183	SRX	2010 - 2012	V6	Alloytec LF1	F.I.	D.O.H.C.	12631194	NA
2999	3.0L	183	TERRAIN	2010 - 2012	V6	Alloytec LF1	F.I.	D.O.H.C.	12631194	NA
2999	3.0L	183	TERRAIN	2010 - 2012	V6	Alloytec LF1	F.I.	D.O.H.C.	12631194	NA
3130	3.1L	191	CAMARO	1990 - 1992	V6	CPC	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	FIREBIRD	1990 - 1992	V6	CPC	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	BERETTA	1989 - 1993	V6	GM 60° LH0	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	CORSICA	1989 - 1992	V6	GM 60° LH0	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	CORSICA	1993 ONLY	V6	GM 60° LH0	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	Cutlass Supreme	1989 - 1993	V6	GM 60° LH0	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	GRAND PRIX	1989 - 1993	V6	GM 60° LH0	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	LUMINA	1990 - 1994	V6	GM 60° LH0	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	REGAL	1989 - 1993	V6	GM 60° LH0	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	SUNBIRD	1991 - 1994	V6	GM 60° LH0	F.I.	O.H.V.	10181330	SWI10155

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
14033250	X		89.00	1.50	2.00		4.76		VIN-X, Deep Oil
14033250	X		3.504	0.059	0.079		0.187		VIN-X, Deep Oil
14033250	X								VIN-X, Deep Oil
14033250	X								VIN-X, Deep Oil
14033250	X								VIN-X, Deep Oil
14033250	X								VIN-X, Deep Oil
14094101	X		89.00	1.50	2.00		4.76		Deep Oil
14094101	X		3.504	0.059	0.079		0.187		Deep Oil
14094101	X								Deep Oil
14094101	X								Deep Oil
89018218	X		95.50	1.20	1.50		2.50		16 VALVE
89018218	X		3.760	0.000	0.000		0.000		16 VALVE
90528577	X		86.00	1.50	1.50		3.00		VIN-R, 24 VALVE
			3.386	0.059	0.059		0.118		
90571284	X		86.00	1.20	1.50		3.00		VIN-R, 24 VALVE
90571284	X		3.386	0.047	0.059		0.118		24 VALVE
90571284	X								24 VALVE
90571284	X								24 VALVE
90571284	X								24 VALVE
90571284	X								24 VALVE
12631196	X		88.90						LEFT, 24 VALVE
12631195	X		88.90						RIGHT, 24 VALVE
12631196	X		3.500	0.000	0.000		0.000		LEFT, 24 VALVE
12631195	X		3.500	0.000	0.000		0.000		RIGHT, 24 VALVE
12631195	X								RIGHT, 24 VALVE
12631196	X								LEFT, 24 VALVE
12631196	X								LEFT, 24 VALVE
12631195	X								RIGHT, 24 VALVE
12631196	X								LEFT, 24 VALVE
12631195	X								RIGHT, 24 VALVE
10070145	DISC. 11-569		89.00	1.50	1.50		4.00		ISUZU Engine
10070145	DISC. 11-569		3.504	0.059	0.059		0.157		ISUZU Engine
10070183	X		89.00	1.50	1.50		4.00		12 VALVE
10070183	X		3.504	0.059	0.059		0.157		12 VALVE
10070183	X								12 VALVE
10070183	X								12 VALVE
10070183	X								12 VALVE
10070183	X								12 VALVE
10070183	X								12 VALVE
10070183	X								12 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
3130	3.1L	191	ACHIEVA	1994 - 1995	V6	GM 60° L82	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	BERETTA	1994 - 1995	V6	GM 60° L82	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	CENTURY	1994 - 1995	V6	GM 60° L82	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	CORSICA	1994 - 1995	V6	GM 60° L82	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	Cutlass Supreme	1994 - 1995	V6	GM 60° L82	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	GRAND AM	1994 - 1995	V6	GM 60° L82	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	GRAND PRIX	1994 - 1995	V6	GM 60° L82	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	LUMINA	1995 ONLY	V6	GM 60° L82	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	MONTE CARLO	1995 ONLY	V6	GM 60° L82	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	REGAL	1994 - 1995	V6	GM 60° L82	F.I.	O.H.V.	10181330	SWI10155
3130	3.1L	191	SKYLARK	1994 - 1995	V6	GM 60° L82	F.I.	O.H.V.	10181330	SWI10155
3136	3.1L	191	CENTURY	2000 - 2005	V6	GM 60° LG8	F.I.	O.H.V.	12481987	SWG10004
3136	3.1L	191	CUTLASS	1999 ONLY	V6	GM 60° LG8	F.I.	O.H.V.	12481987	SWG10004
3136	3.1L	191	GRAND PRIX	2000 - 2003	V6	GM 60° LG8	F.I.	O.H.V.	12481987	SWG10004
3136	3.1L	191	LUMINA	2000 - 2001	V6	GM 60° LG8	F.I.	O.H.V.	12481987	SWG10004
3136	3.1L	191	MALIBU	1999 - 2003	V6	GM 60° LG8	F.I.	O.H.V.	12481987	SWG10004
3137	3.1L	191	APV	1990 - 1993	V6	GM 60° LG6	F.I.	O.H.V.	10181330	SWI10155
3137	3.1L	191	LUMINA APV	1990 - 1995	V6	GM 60° LG6	F.I.	O.H.V.	10181330	SWI10155
3137	3.1L	191	SILHOUETTE	1990 - 1991	V6	GM 60° LG6	F.I.	O.H.V.	10181330	SWI10155
3137	3.1L	191	SILHOUETTE	1992 - 1994	V6	GM 60° LG6	F.I.	O.H.V.	10181330	SWI10155
3137	3.1L	191	TRANS SPORT	1990 - 1991	V6	GM 60° LG6	F.I.	O.H.V.	10181330	SWI10155
3137	3.1L	191	TRANS SPORT	1992 - 1995	V6	GM 60° LG6	F.I.	O.H.V.	10181330	SWI10155
3137	3.1L	191	LUMINA	1996 ONLY	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3137	3.1L	191	MONTE CARLO	1996 ONLY	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3137	3.1L	191	ACHIEVA	1996 - 1998	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3137	3.1L	191	BERETTA	1996 ONLY	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3137	3.1L	191	CENTURY	1996 - 1999	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3137	3.1L	191	CORSICA	1996 ONLY	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3137	3.1L	191	CUTLASS	1997 - 1999	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3137	3.1L	191	Cutlass Supreme	1996 - 1997	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3137	3.1L	191	GRAND AM	1996 - 1998	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3137	3.1L	191	GRAND PRIX	1996 - 1999	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3137	3.1L	191	LUMINA	1997 - 1999	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3137	3.1L	191	MALIBU	1997 - 1999	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3137	3.1L	191	MONTE CARLO	1997 - 1999	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3137	3.1L	191	REGAL	1996 ONLY	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3137	3.1L	191	SKYLARK	1996 - 1998	V6	GM 60° L82	F.I.	O.H.V.	12538683	SWG10004
3175	3.2L	194	CTS	2003 - 2004	V6	ELLESMERE LA3	F.I.	D.O.H.C.	88894292	NA

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
24505806	X		89.00	1.50	1.50		4.00		12 VALVE
24505806	X		3.504	0.059	0.059		0.157		12 VALVE
24505806	X								12 VALVE
24505806	X								12 VALVE
24505806	X								12 VALVE
24505806	X								12 VALVE
24505806	X								12 VALVE
24505806	X								12 VALVE
24505806	X								12 VALVE
24505806	X								12 VALVE
12564009	X		89.00	1.20	1.50		3.00		VIN-J, 12 VALVE
12564009	X		3.504	0.047	0.059		0.118		VIN-J, w/ CALIF E.C.S., 12 VALVE
12564009	X								VIN-J, 12 VALVE
12564009	X								VIN-J, 12 VALVE
12564009	X								VIN-J, w/ CALIF E.C.S., 12 VALVE
10087699	X		89.00	1.50	1.50		4.00		12 VALVE
10087699	X		3.504	0.059	0.059		0.157		12 VALVE
10087699	X								12 VALVE
10087699	X								12 VALVE
10087699	X								12 VALVE
10087699	X								12 VALVE
24504503	X		89.00	1.20	1.50		3.00		12 VALVE
24504503	X		3.504	0.047	0.059		0.118		12 VALVE
24508726	X		89.00	1.20	1.50		3.00		12 VALVE
24508726	X		3.504	0.047	0.059		0.118		12 VALVE
24508726	X								12 VALVE
24508726	X								12 VALVE
24508726	X								12 VALVE
24508726	X								12 VALVE
24508726	X								12 VALVE
24508726	X								12 VALVE
24508726	X								12 VALVE
24508726	X								12 VALVE
24508726	X								12 VALVE
24508726	X								12 VALVE
24508726	X								12 VALVE
24508726	X								12 VALVE
2405799	X		87.50	1.20	1.50		2.50		24 VALVE
			3.445	0.047	0.059		0.098		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
3343	3.3L	204	ACHIEVA	1992 - 1993	V6	BUICK 3300	F.I.	O.H.V.	24501330	SWG10012
3343	3.3L	204	CENTURY	1989 - 1993	V6	BUICK 3300	F.I.	O.H.V.	24501330	SWG10012
3343	3.3L	204	CIERA	1996 ONLY	V6	BUICK 3300	F.I.	O.H.V.	24501330	SWG10012
3343	3.3L	204	Cutlass Calais	1989 - 1991	V6	BUICK 3300	F.I.	O.H.V.	24501330	SWG10012
3343	3.3L	204	Cutlass CIERA	1989 - 1990	V6	BUICK 3300	F.I.	O.H.V.	24501065	SWG10012
3343	3.3L	204	Cutlass CIERA	1991 - 1995	V6	BUICK 3300	F.I.	O.H.V.	24501330	SWG10012
3343	3.3L	204	Cutlass CRUISER	1989 - 1990	V6	BUICK 3300	F.I.	O.H.V.	24501065	SWG10012
3343	3.3L	204	Cutlass CRUISER	1991 - 1995	V6	BUICK 3300	F.I.	O.H.V.	24501330	SWG10012
3343	3.3L	204	GRAND AM	1993 ONLY	V6	BUICK 3300	F.I.	O.H.V.	24501330	SWG10012
3343	3.3L	204	SKYLARK	1989 - 1993	V6	BUICK 3300	F.I.	O.H.V.	24501330	SWG10012
3350	3.4L	204	EQUINOX	2005 - 2008	V6	GM 60° LNJ	F.I.	O.H.V.	12481322	SWG10009
3350	3.4L	204	TORRENT	2005 - 2008	V6	GM 60° LNJ	F.I.	O.H.V.	12481322	SWG10009
3392	3.4L	207	CAMARO	1993 - 1995	V6	GM 60° L32	F.I.	O.H.V.	12520260	SWG80011
3392	3.4L	207	FIREBIRD	1993 - 1995	V6	GM 60° L32	F.I.	O.H.V.	12520260	SWG80011
3392	3.4L	207	LUMINA	1991 - 1994	V6	GM 60° LQ1	F.I.	D.O.H.C.	10181263	SWG80011
3392	3.4L	207	LUMINA	1991 - 1994	V6	GM 60° LQ1	F.I.	D.O.H.C.	10181263	SWG80011
3392	3.4L	207	Cutlass Supreme	1991 - 1995	V6	GM 60° LQ1	F.I.	D.O.H.C.	12520260	SWG80011
3392	3.4L	207	Cutlass Supreme	1996 ONLY	V6	GM 60° LQ1	F.I.	D.O.H.C.	12536891	SWG80011
3392	3.4L	207	GRAND PRIX	1991 - 1996	V6	GM 60° LQ1	F.I.	D.O.H.C.	12520260	SWG80011
3392	3.4L	207	LUMINA	1995 ONLY	V6	GM 60° LQ1	F.I.	D.O.H.C.	12520260	SWG80011
3392	3.4L	207	LUMINA	1996 - 1997	V6	GM 60° LQ1	F.I.	D.O.H.C.	12538691	SWG80011
3392	3.4L	207	MONTE CARLO	1995 ONLY	V6	GM 60° LQ1	F.I.	D.O.H.C.	12520260	SWG80011
3392	3.4L	207	MONTE CARLO	1996 - 1997	V6	GM 60° LQ1	F.I.	D.O.H.C.	12538691	SWG80011
3392	3.4L	207	ALERO	1999 ONLY	V6	GM 60° LA1	F.I.	O.H.V.	12537866	SWG10001
3392	3.4L	207	GRAND AM	1999 ONLY	V6	GM 60° LA1	F.I.	O.H.V.	12537866	SWG10001
3392	3.4L	207	LUMINA APV	1996 ONLY	V6	GM 60° LA1	F.I.	O.H.V.	12537866	SWG10001
3392	3.4L	207	MONTANA	1999 ONLY	V6	GM 60° LA1	F.I.	O.H.V.	12537866	SWG10001
3392	3.4L	207	SILHOUETTE	1996 - 1999	V6	GM 60° LA1	F.I.	O.H.V.	12537866	SWG10001
3392	3.4L	207	TRANS SPORT	1996 - 1998	V6	GM 60° LA1	F.I.	O.H.V.	12537866	SWG10001
3392	3.4L	207	VENTURE	1997 - 1999	V6	GM 60° LA1	F.I.	O.H.V.	12537866	SWG10001
3392	3.4L	207	ALERO	2000 - 2004	V6	GM 60° LA1	F.I.	O.H.V.	12481322	SWG10009
3392	3.4L	207	AZTEK	2001 - 2006	V6	GM 60° LA1	F.I.	O.H.V.	12481322	SWG10009
3392	3.4L	207	GRAND AM	2000 - 2006	V6	GM 60° LA1	F.I.	O.H.V.	12481322	SWG10009
3392	3.4L	207	IMPALA	2000 - 2006	V6	GM 60° LA1	F.I.	O.H.V.	12481322	SWG10009
3392	3.4L	207	MONTANA	2000 - 2006	V6	GM 60° LA1	F.I.	O.H.V.	12481322	SWG10009
3392	3.4L	207	MONTE CARLO	2000 - 2005	V6	GM 60° LA1	F.I.	O.H.V.	12481322	SWG10009
3392	3.4L	207	RENDEZVOUS	2002 - 2005	V6	GM 60° LA1	F.I.	O.H.V.	12481322	SWG10009
3392	3.4L	207	SILHOUETTE	2000 - 2004	V6	GM 60° LA1	F.I.	O.H.V.	12481322	SWG10009
3392	3.4L	207	VENTURE	2000 - 2006	V6	GM 60° LA1	F.I.	O.H.V.	12481322	SWG10009

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
24501065	X		94.00	1.50	1.50		3.00		VIN-N, 12 VALVE
24501065	X		3.701	0.059	0.059		0.118		VIN-N, 12 VALVE
24501065	X								12 VALVE
24501065	X								VIN-N, 12 VALVE
24501065	X								12 VALVE
24501065	X								VIN-N, 12 VALVE
24501065	X								12 VALVE
24501065	X								VIN-N, 12 VALVE
24501065	X								VIN-N, 12 VALVE
24501065	X								VIN-N, 12 VALVE
12575630	X		92.00	1.20	1.50		3.00		12 VALVE
12575630	X		3.622	0.047	0.059		0.118		12 VALVE
10146858	X		92.00	1.50	1.50		4.00		12 VALVE
10146858	X		3.622	0.059	0.059		0.157		12 VALVE
10162022	X		92.00	1.50	1.50		4.00		24 VALVE
10162023	X		3.622	0.059	0.059		0.157		24 VALVE
24505686	X		92.00	1.50	1.50		4.00		24 VALVE
24505686	X		3.622	0.059	0.059		0.157		24 VALVE
24505686	X								24 VALVE
24505686	X								24 VALVE
24505686	X								24 VALVE
24505686	X								24 VALVE
24505686	X								24 VALVE
24508727	11-887		92.00	1.20	1.50		4.00		12 VALVE
24508727	11-887		3.622	0.047	0.059		0.157		12 VALVE
24508727	11-887								12 VALVE
24508727	11-887								12 VALVE
24508727	11-887								12 VALVE
24508727	11-887								12 VALVE
24508727	11-887								12 VALVE
12564669	X		92.00	1.20	1.50		3.00		12 VALVE
12564669	X		3.622	0.047	0.059		0.118		12 VALVE
12564669	X								12 VALVE
12564669	X								12 VALVE
12564669	X								12 VALVE
12564669	X								12 VALVE
12564669	X								12 VALVE
12564669	X								12 VALVE
12564669	X								12 VALVE
12564669	X								12 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
3460	3.5L	211	CANYON	2004 - 2006	5	Vortec 3500 L52	F.I.	D.O.H.C.	89060378	NA
3460	3.5L	211	COLORADO	2004 - 2006	5	ATLAS L52	F.I.	D.O.H.C.	89060378	NA
3460	3.5L	211	H3	2006 ONLY	5	Vortec 3500 L52	F.I.	D.O.H.C.	89060378	NA
3471	3.5L	212	VUE	2004 - 2007	V6	J35A3	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3498	3.5L	213	G6	2005 - 2006	V6	High Value LX9	F.I.	O.H.V.	12584525	SWG10038
3498	3.5L	213	MALIBU	2004 - 2008	V6	High Value LX9	F.I.	O.H.V.	12584525	SWG10038
3498	3.5L	213	MALIBU MAXX	2004 - 2006	V6	High Value LX9	F.I.	O.H.V.	12584525	SWG10038
3498	3.5L	213	MONTANA SV6	2005 - 2006	V6	High Value LX9	F.I.	O.H.V.	12584525	SWG10038
3498	3.5L	213	RELAY	2005 - 2006	V6	High Value LX9	F.I.	O.H.V.	12584525	SWG10038
3498	3.5L	213	RENDEZVOUS	2006 - 2008	V6	High Value LX9	F.I.	O.H.V.	12584525	SWG10038
3498	3.5L	213	TERRAZA	2005 - 2006	V6	High Value LX9	F.I.	O.H.V.	12584525	SWG10038
3498	3.5L	213	UPLANDER	2005 - 2009	V6	High Value LX9	F.I.	O.H.V.	12584525	SWG10038
3510	3.5L	214	AURA	2007 - 2008	V6	High Value LZ4	F.I.	O.H.V.	89060428	SWG80056*
3510	3.5L	214	G6	2007 - 2009	V6	High Value LZ4	F.I.	O.H.V.	89060428	SWG80056*
3510	3.5L	214	IMPALA	2007 - 2012	V6	High Value LZE	F.I.	O.H.V.	89018067	SWG80056*
3510	3.5L	214	MONTE CARLO	2006 - 2008	V6	High Value LZ4	F.I.	O.H.V.	89060428	SWG80056*
3510	3.5L	214	VUE	2008 - 2010	V6	High Value LZ4	F.I.	O.H.V.	89060428	SWG80056*
3564	3.6L	217	ACADIA	2007 - 2012	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	AURA	2007 - 2009	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	CTS	2004 - 2012	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	ENLCLAVE	2007 - 2012	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	EQUINOX	2008 - 2009	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	G6	2007 - 2009	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	G8	2008 - 2009	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	LaCrosse	2005 - 2008	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	MALIBU	2009 - 2012	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	OUTLOOK	2007 - 2010	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	RENDEZVOUS	2004 - 2006	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	SRX	2004 - 2009	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	STS	2005 - 2012	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	TORRENT	2008 - 2010	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	VUE	2008 ONLY	V6	Alloytec LY7	F.I.	D.O.H.C.	12608615	SWG10039*
3564	3.6L	217	CAMARO	2010 - 2012	V6	Alloytec LLE	F.I.	D.O.H.C.	12616973	TBA
3564	3.6L	217	CAMARO	2010 - 2012	V6	Alloytec LLE	F.I.	D.O.H.C.	12616973	TBA
3564	3.6L	217	CTS	2008 - 2012	V6	Alloytec LLT	F.I.	D.O.H.C.	12616973	TBA
3564	3.6L	217	CTS	2008 - 2012	V6	Alloytec LLT	F.I.	D.O.H.C.	12616973	TBA
3564	3.6L	217	ENLCLAVE	2007 - 2012	V6	Alloytec LLT	F.I.	D.O.H.C.	12616973	TBA
3564	3.6L	217	ENLCLAVE	2007 - 2012	V6	Alloytec LLT	F.I.	D.O.H.C.	12616973	TBA
3564	3.6L	217	LaCrosse	2010 - 2012	V6	Alloytec LLT	F.I.	D.O.H.C.	12616973	TBA
3564	3.6L	217	LaCrosse	2010 - 2012	V6	Alloytec LLT	F.I.	D.O.H.C.	12616973	TBA
3564	3.6L	217	TRAVERSE	2009 - 2012	V6	Alloytec LLT	F.I.	D.O.H.C.	12616973	TBA
3564	3.6L	217	TRAVERSE	2009 - 2012	V6	Alloytec LLT	F.I.	D.O.H.C.	12616973	TBA

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
12585784	X		93.00						20 VALVE
12585784	X		3.661	0.000	0.000		0.000		20 VALVE
12585784	X								20 VALVE
13010-RDA-A00	11-836*	352	89.00	1.20	1.20		2.80		HONDA Engine, 24 VALVE
			3.504	0.047	0.047		0.110		
12577586	X		94.00	1.20	1.50		2.50		12 VALVE
12577586	X		3.701	0.047	0.059		0.098		12 VALVE
12577586	X								12 VALVE
12577586	X								12 VALVE
12577586	X								12 VALVE
12577586	X								12 VALVE
12577586	X								12 VALVE
12577586	X								12 VALVE
89018065	X		99.00	1.20	1.50		2.50		12 VALVE
89018065	X		3.898	0.047	0.059		0.098		12 VALVE
89018065	X								12 VALVE
89018065	X								12 VALVE
89018065	X								12 VALVE
12590866	X		94.00	1.20	1.50		2.50		24 VALVE
12590866	X		3.701	0.047	0.059		0.098		24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12590866	X								24 VALVE
12616971	X		94.00						LEFT, 24 VALVE
12616972	X		94.00						RIGHT, 24 VALVE
12616971	X		3.701	0.000	0.000		0.000		LEFT, 24 VALVE
12616972	X		3.701	0.000	0.000		0.000		RIGHT, 24 VALVE
12616971	X								LEFT, 24 VALVE
12616972	X								RIGHT, 24 VALVE
12616971	X								LEFT, 24 VALVE
12616972	X								RIGHT, 24 VALVE
12616971	X								LEFT, 24 VALVE
12616972	X								RIGHT, 24 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
3564	3.6L	217	VUE HYBRID	2009 - 2010	V6	Alloytec LCS	F.I.	D.O.H.C.	12608615	SWG10039*
3653	3.7L	223	CANYON	2007 - 2012	5	Vortec 3700 LLR	F.I.	D.O.H.C.	89018219	SWG10036*
3653	3.7L	223	COLORADO	2007 - 2012	5	ATLAS LLR	F.I.	D.O.H.C.	89018219	SWG10036*
3653	3.7L	223	H3	2007 - 2009	5	Vortec 3700 LLR	F.I.	D.O.H.C.	89018219	SWG10036*
3653	3.7L	223	H3T	2007 - 2009	5	Vortec 3700 LLR	F.I.	D.O.H.C.	89018219	SWG10036*
3753	3.8L	229	CABALLERO	1980 - 1984	V6	BUICK V6 LD5	CARB	O.H.V.	12518282	SWG10007
3753	3.8L	229	CAMARO	1980 - 1981	V6	BUICK V6 LD5	CARB	O.H.V.	12518282	SWG10007
3753	3.8L	229	CAPRICE	1980 - 1984	V6	BUICK V6 LD5	CARB	O.H.V.	12518282	SWG10007
3753	3.8L	229	EL CAMINO	1980 - 1982	V6	BUICK V6 LD5	CARB	O.H.V.	12518282	SWG10007
3753	3.8L	229	EL CAMINO	1983 - 1984	V6	BUICK V6 LD5	CARB	O.H.V.	12818282	SWG10007
3753	3.8L	229	IMPALA	1980 - 1982	V6	BUICK V6 LD5	CARB	O.H.V.	12518282	SWG10007
3753	3.8L	229	IMPALA	1983 - 1984	V6	BUICK V6 LD5	CARB	O.H.V.	12818282	SWG10007
3753	3.8L	229	MALIBU	1980 - 1983	V6	BUICK V6 LD5	CARB	O.H.V.	12518282	SWG10007
3753	3.8L	229	MONTE CARLO	1980 - 1984	V6	BUICK V6 LD5	CARB	O.H.V.	12518282	SWG10007
3785	3.8L	231	BONNEVILLE	1993 - 1994	V6	BUICK V6 L27	F.I.	O.H.V.	24502947	SWG10006
3785	3.8L	231	EIGHTY EIGHT	1993 - 1994	V6	BUICK V6 L27	F.I.	O.H.V.	24502947	SWG10006
3785	3.8L	231	LeSabre	1994 - 1995	V6	BUICK V6 L27	F.I.	O.H.V.	24502947	SWG10006
3785	3.8L	231	LUMINA APV	1994 - 1995	V6	BUICK V6 L27	F.I.	O.H.V.	24502947	SWG10006
3785	3.8L	231	NINETY EIGHT	1993 - 1994	V6	BUICK V6 L27	F.I.	O.H.V.	24502947	SWG10006
3785	3.8L	231	PARK AVENUE	1994 ONLY	V6	BUICK V6 L27	F.I.	O.H.V.	24502947	SWG10006
3785	3.8L	231	REGAL	1994 - 1995	V6	BUICK V6 L27	F.I.	O.H.V.	24502947	SWG10006
3785	3.8L	231	SILHOUETTE	1994 - 1995	V6	BUICK V6 L27	F.I.	O.H.V.	24502947	SWG10006
3785	3.8L	231	TRANS SPORT	1994 - 1995	V6	BUICK V6 L27	F.I.	O.H.V.	24502947	SWG10006
3785	3.8L	231	LaCrosse	2005 - 2009	V6	BUICK V6 L26	F.I.	O.H.V.	12480825	SWG10003
3785	3.8L	231	LUCERNE	2006 - 2008	V6	BUICK V6 L26	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	RIVIERA	1995 ONLY	V6	BUICK V6 L67	F.I.	O.H.V.	24502947	SWG10006
3791	3.8L	231	PARK AVENUE	1994 - 1995	V6	BUICK V6 L67	F.I.	O.H.V.	24502947	SWG10006
3791	3.8L	231	NINETY EIGHT	1994 - 1995	V6	BUICK V6 L67	F.I.	O.H.V.	24502947	SWG10006
3791	3.8L	231	EIGHTY EIGHT	1995 ONLY	V6	BUICK V6 L67	F.I.	O.H.V.	24502947	SWG10006
3791	3.8L	231	BONNEVILLE	1994 - 1995	V6	BUICK V6 L67	F.I.	O.H.V.	24502947	SWG10006
3791	3.8L	231	BONNEVILLE	1995 - 1998	V6	BUICK V6 L36	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	EIGHTY EIGHT	1995 - 1998	V6	BUICK V6 L36	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	FIREBIRD	1995 - 1998	V6	BUICK V6 L36	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	INTRIGUE	1998 ONLY	V6	BUICK V6 L36	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	LeSabre	1996 - 1998	V6	BUICK V6 L36	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	LSS	1996 - 1998	V6	BUICK V6 L36	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	LUMINA	1998 ONLY	V6	BUICK V6 L36	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	MONTE CARLO	1998 ONLY	V6	BUICK V6 L36	F.I.	O.H.V.	12537410	SWG10003
GMC - BUICK V6 L36 CONTINUE										

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
-	X		94.00	1.20	1.50		2.50		24 VALVE
			3.701	0.047	0.059		0.098		
89018218	X		95.50	1.20	1.50		2.50		20 VALVE
89018218	X		3.760	0.047	0.059		0.098		20 VALVE
89018218	X								20 VALVE
89018218	X								20 VALVE
14019883	X		94.89	1.98	1.98		4.76		VIN-K
14019883	X		3.736	0.078	0.078		0.188		VIN-K
14019883	X								VIN-9
14019883	X								VIN-K
14019883	X								VIN-9
14019883	X								VIN-K
14019883	X								VIN-9
14019883	X								VIN-K
14019883	X								VIN-K
12537200	X		96.50	1.20	1.50		3.00		Normally Aspirated, 12 VALVE
12537200	X		3.799	0.047	0.059		0.118		Normally Aspirated, 12 VALVE
12537200	X								Normally Aspirated, 12 VALVE
12537200	X								Normally Aspirated, 12 VALVE
12537200	X								Normally Aspirated, 12 VALVE
12537200	X								Normally Aspirated, 12 VALVE
12537200	X								Normally Aspirated, 12 VALVE
12537200	X								Normally Aspirated, 12 VALVE
89017810	X		96.52	1.20	1.50		2.00		Normally Aspirated, 12 VALVE
89017810	X		3.800	0.047	0.059		0.079		Normally Aspirated, 12 VALVE
24503974	X		96.50	1.20	1.50		3.00		Supercharger, 12 VALVE
24503974	X		3.799	0.047	0.059		0.118		Supercharger, 12 VALVE
24503974	X								Supercharger, 12 VALVE
24503974	X								Supercharger, 12 VALVE
24503974	X								Supercharger, 12 VALVE
12537408	11-888		96.52	1.20	1.50		2.00		Normally Aspirated, 12 VALVE
12537408	11-888		3.800	0.047	0.059		0.079		Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
GMC - BUICK V6 L36 CONTINUE									

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
3791	3.8L	231	NINETY EIGHT	1995 - 1996	V6	BUICK V6 L36	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	PARK AVENUE	1995 - 1998	V6	BUICK V6 L36	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	REGAL	1996 - 1998	V6	BUICK V6 L36	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	REGENCY	1997 - 1998	V6	BUICK V6 L36	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	RIVIERA	1996 ONLY	V6	BUICK V6 L36	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	ROYALE	1995 ONLY	V6	BUICK V6 L36	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	BONNEVILLE	1999 - 2003	V6	BUICK V6 L36	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	CAMARO	1995 - 2002	V6	BUICK V6 L36	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	EIGHTY EIGHT	1999 ONLY	V6	BUICK V6 L36	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	FIREBIRD	1999 - 2002	V6	BUICK V6 L36	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	GRAND PRIX	1997 - 2008	V6	BUICK V6 L36	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	IMPALA	2000 - 2006	V6	BUICK V6 L36	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	INTRIGUE	1999 ONLY	V6	BUICK V6 L36	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	LeSabre	1999 - 2006	V6	BUICK V6 L36	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	LSS	1999 ONLY	V6	BUICK V6 L36	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	LUMINA	1999 ONLY	V6	BUICK V6 L36	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	MONTE CARLO	1999 - 2005	V6	BUICK V6 L36	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	PARK AVENUE	1999 - 2005	V6	BUICK V6 L36	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	REGAL	1999 - 2004	V6	BUICK V6 L36	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	BONNEVILLE	1996 - 1998	V6	BUICK V6 L67	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	GRAND PRIX	1997 - 2008	V6	BUICK V6 L67	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	LSS	1996 - 1998	V6	BUICK V6 L67	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	PARK AVENUE	1996 - 1998	V6	BUICK V6 L67	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	REGAL	1997 - 1998	V6	BUICK V6 L67	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	RIVIERA	1996 - 1998	V6	BUICK V6 L67	F.I.	O.H.V.	12537410	SWG10003
3791	3.8L	231	BONNEVILLE	1999 - 2006	V6	BUICK V6 L67	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	IMPALA	2004 - 2005	V6	BUICK V6 L67	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	LSS	1999 ONLY	V6	BUICK V6 L67	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	PARK AVENUE	1999 - 2005	V6	BUICK V6 L67	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	REGAL	1999 - 2004	V6	BUICK V6 L67	F.I.	O.H.V.	12480825	SWG10003
3791	3.8L	231	RIVIERA	1999 ONLY	V6	BUICK V6 L67	F.I.	O.H.V.	12480825	SWG10003
3880	3.9L	237	UPLANDER	2006 - 2009	V6	High Value LZ9	F.I.	O.H.V.	89018067	SWG80056*
3880	3.9L	237	RELAY	2006 - 2008	V6	High Value LZ9	F.I.	O.H.V.	89018067	SWG80056*
3880	3.9L	237	MONTE CARLO	2006 ONLY	V6	High Value LZ9	F.I.	O.H.V.	89018067	SWG80056*
3880	3.9L	237	MALIBU MAXX	2007 - 2008	V6	High Value LZ9	F.I.	O.H.V.	89018067	SWG80056*
3880	3.9L	237	MALIBU	2007 - 2008	V6	High Value LZ9	F.I.	O.H.V.	89018067	SWG80056*
3880	3.9L	237	G6	2006 - 2009	V6	High Value LZ9	F.I.	O.H.V.	89018067	SWG80056*
3880	3.9L	237	UPLANDER	2007 - 2009	V6	High Value LGD	F.I.	O.H.V.	89018067	SWG80056*
3880	3.9L	237	TERRAZA	2006 - 2008	V6	High Value LGD	F.I.	O.H.V.	89018067	SWG80056*
3880	3.9L	237	LUCERNE	2009 - 2012	V6	High Value LZ9	F.I.	O.H.V.	89018067	SWG80056*
3880	3.9L	237	IMPALA	2007 - 2012	V6	High Value LZ8	F.I.	O.H.V.	89018067	SWG80056*

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
12537408	11-888		96.52	1.20	1.50		2.00		Normally Aspirated, 12 VALVE
12537408	11-888		3.800	0.047	0.059		0.079		Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888		96.52	1.20	1.50		2.00		Normally Aspirated, 12 VALVE
12537408	11-888		3.800	0.047	0.059		0.079		Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12537408	11-888								Normally Aspirated, 12 VALVE
12539085	11-888		96.52	1.20	1.50		2.00		Supercharger, 12 VALVE
12539085	11-888		3.800	0.047	0.059		0.079		Supercharger, 12 VALVE
12539085	11-888								Supercharger, 12 VALVE
12539085	11-888								Supercharger, 12 VALVE
12539085	11-888								Supercharger, 12 VALVE
12539085	11-888								Supercharger, 12 VALVE
12539085	11-888		96.52	1.20	1.50		2.00		Supercharger, 12 VALVE
12539085	11-888		3.800	0.047	0.059		0.079		Supercharger, 12 VALVE
12539085	11-888								Supercharger, 12 VALVE
12539085	11-888								Supercharger, 12 VALVE
12539085	11-888								Supercharger, 12 VALVE
12539085	11-888								Supercharger, 12 VALVE
89018066	X		99.00	1.20	1.50		2.50		12 VALVE
89018066	X		3.898	0.047	0.059		0.098		12 VALVE
89018066	X								12 VALVE
89018066	X								12 VALVE
89018066	X								12 VALVE
89018066	X								12 VALVE
-	X		99.00	1.20	1.50		2.50		12 VALVE
-	X		3.898	0.047	0.059		0.098		12 VALVE
89018065	X		99.00	1.20	1.50		2.50		12 VALVE
89018065	X		3.898	0.047	0.059		0.098		12 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
3995	4.0L	244	AURORA	1995 ONLY	V8	Northstar L47	F.I.	D.O.H.C.	3546717	SWG10017
3995	4.0L	244	AURORA	1996 - 1999	V8	Northstar L47	F.I.	D.O.H.C.	12555219	SWG10015
3995	4.0L	244	AURORA	2001 - 2003	V8	Northstar L47	F.I.	D.O.H.C.	12564802	SWG10015*
4160	4.2L	254	BRAVADA	2002 - 2004	6	Vortec 4200	F.I.	D.O.H.C.	12482718	SWG80043
4160	4.2L	254	ENVOY	2002 - 2009	6	Vortec 4200	F.I.	D.O.H.C.	12482718	SWG80043
4160	4.2L	254	ENVOY XL	2002 - 2005	6	Vortec 4200	F.I.	D.O.H.C.	12482718	SWG80043
4160	4.2L	254	RAINIER	2004 - 2008	6	Vortec 4200	F.I.	D.O.H.C.	12482718	SWG80043
4160	4.2L	254	TRAILBLAZER	2002 - 2009	6	Vortec 4200	F.I.	D.O.H.C.	12482718	SWG80043
4294	4.3L	262	CHEVY VAN	1992 - 1995	V6	Vortec 4300 LG3*	F.I.	O.H.V.	88894219	SWF80017
4294	4.3L	262	PICKUP (Chev)	1992 - 1994	V6	Vortec 4300 LG3*	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	PICKUP (GMC)	1994 ONLY	V6	Vortec 4300 LG3*	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	RALLY	1994 ONLY	V6	Vortec 4300 LG3*	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	SPORTVAN	1992 - 1994	V6	Vortec 4300 LG3*	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	VANDURA	1994 ONLY	V6	Vortec 4300 LG3*	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	JIMMY	1992 - 1993	V6	Vortec 4300 LB4T	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	SONOMA	1992 - 1993	V6	Vortec 4300 LB4T	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	ASTRO	1992 - 1994	V6	Vortec 4300 LB4	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	JIMMY	1994 ONLY	V6	Vortec 4300 LB4	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	PICKUP (Chev)	1985 - 1994	V6	Vortec 4300 LB4	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	PICKUP (GMC)	1985 - 1991	V6	Vortec 4300 LB4	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	PICKUP (GMC)	1994 ONLY	V6	Vortec 4300 LB4	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	RALLY	1985 - 1991	V6	Vortec 4300 LB4	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	S-10 BLAZER	1994 ONLY	V6	Vortec 4300 LB4	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	SAFARI	1985 - 1994	V6	Vortec 4300 LB4	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	SONOMA	1994 ONLY	V6	Vortec 4300 LB4	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	SPORTVAN	1985 - 1994	V6	Vortec 4300 LB4	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	VANDURA	1985 - 1994	V6	Vortec 4300 LB4	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	ASTRO	1985 - 1991	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	BONNEVILLE	1986 ONLY	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	BRAVADA	1991 - 1992	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	CABALLERO	1985 - 1987	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	CAPRICE	1985 - 1988	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	CHEVY VAN	1985 - 1991	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	EL CAMINO	1985 - 1987	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	GRAND PRIX	1986 - 1987	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
GMC - VORTEC 4300 LB4 CONTINUE										

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
12552632	X		87.00	1.50	1.50		3.00		32 VALVE
			3.425	0.059	0.059		0.118		
12555218	X		87.00	1.20	1.50		3.00		32 VALVE
			3.425	0.047	0.059		0.118		
12564800	X		87.00	1.20	1.50		3.00		32 VALVE
			3.425	0.047	0.059		0.118		
12482717	X		93.00	1.20	1.20		2.50		24 VALVE
12482717	X		3.661	0.047	0.047		0.098		24 VALVE
12482717	X								24 VALVE
12482717	X								24 VALVE
12482717	X								24 VALVE
10159430	X		101.60	1.98	1.98		4.76		12 VALVE
10159430	X		4.000	0.078	0.078		0.188		12 VALVE
10159430	X								12 VALVE
10159430	X								12 VALVE
10159430	X								12 VALVE
10159430	X								12 VALVE
12508702	X		101.60	1.98	1.98		4.76		w/ TURBO, VIN-Z
12508702	X		4.000	0.078	0.078		0.188		w/ TURBO, VIN-Z
12514101	X		101.60	1.98	1.98		4.76		VIN-Z, 12 VALVE
12514101	X		4.000	0.078	0.078		0.188		VIN-Z, 12 VALVE
12514101	X								K10, 12 VALVE
12514101	X								12 VALVE
12514101	X								12 VALVE
12514101	X								12 VALVE
12514101	X								VIN-Z, 12 VALVE
12514101	X								VIN-Z, 12 VALVE
12514101	X								VIN-Z, 12 VALVE
12514101	X								K10, 12 VALVE
12514101	X								12 VALVE
12514101	X		101.60	1.98	1.98		4.76		VIN-B, Z, 12 VALVE
12514101	X		4.000	0.078	0.078		0.188		12 VALVE
12514101	X								VIN-Z, 12 VALVE
12514101	X								12 VALVE
12514101	X								12 VALVE
12514101	X								12 VALVE
12514101	X								12 VALVE
12514101	X								12 VALVE
12514101	X								12 VALVE
GMC - VORTEC 4300 LB4 CONTINUE									

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
4294	4.3L	262	IMPALA	1985 ONLY	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	MONTE CARLO	1985 - 1988	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	PARISIENNE	1984 - 1986	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	S-10 BLAZER	1988 - 1993	V6	Vortec 4300 LB4	F.I.	O.H.V.	14059025	SWF80017
4294	4.3L	262	S-10 PICKUP	1988 - 1994	V6	Vortec 4300 LB4	F.I.	O.H.V.	14059025	SWF80017
4294	4.3L	262	S-15 JIMMY	1986 - 1991	V6	Vortec 4300 LB4	F.I.	O.H.V.	14059025	SWF80017
4294	4.3L	262	S-15 PICKUP	1986 - 1990	V6	Vortec 4300 LB4	F.I.	O.H.V.	14059025	SWF80017
4294	4.3L	262	SYCLONE	1991 - 1992	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	TYPHOON	1992 - 1993	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	JIMMY	1992 - 1993	V6	Vortec 4300 LB4	F.I.	O.H.V.	88894219	SWF80017
4294	4.3L	262	SONOMA	1991 - 1993	V6	Vortec 4300 LB4	F.I.	O.H.V.	88894219	SWF80017
4294	4.3L	262	CAPRICE	1993 ONLY	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	SONOMA	1992 - 1993	V6	Vortec 4300 LB4	F.I.	O.H.V.	14089025	SWF80017
4294	4.3L	262	PICKUP (GMC)	1992 - 1993	V6	Vortec 4300 LB4	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	RALLY	1992 - 1994	V6	Vortec 4300 LB4	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	VANDURA	1992 - 1993	V6	Vortec 4300 LB4	F.I.	O.H.V.	12507985	SWF80017
4294	4.3L	262	ASTRO	1995 - 2006	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	BLAZER	1995 - 2006	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	BRAVADA	1996 - 2001	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	CHEVY Express	1996 - 2002	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	CHEVY VAN	1995 - 1998	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	EXPRESS	1996 - 2005	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	JIMMY	1995 - 2001	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	PICKUP (Chev)	1995 - 1998	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	PICKUP (GMC)	1995 - 1998	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	RALLY	1995 ONLY	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	S-10 PICKUP	1995 - 2003	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	SAFARI	1995 - 2005	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	SONOMA	1995 - 2002	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	SPORTVAN	1995 ONLY	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	VANDURA	1995 ONLY	V6	Vortec 4300 LF6	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	ENVOY	1998 - 2000	V6	Vortec 4300 LU3	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	EXPRESS	2006 - 2008	V8	Vortec 4300 LU3	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	SAVANA	1997 - 2012	V6	Vortec 4300 LU3	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	SIERRA 1500	1999 - 2012	V6	Vortec 4300 LU3	F.I.	O.H.V.	12522848	SWI10196
4294	4.3L	262	SILVERADO 1500	1999 - 2012	V6	Vortec 4300 LU3	F.I.	O.H.V.	12522848	SWI10196
4343	4.3L	265	CAPRICE	1994 - 1996	V8	LT1 4.3 L99	F.I.	O.H.V.	12518282	SWG10007 8CYL
4371	4.4L	267	STS	2006 - 2009	V8	Northstar LC3	F.I.	D.O.H.C.	89017770	NA
4371	4.4L	267	XLR	2006 - 2012	V8	Northstar LC3	F.I.	D.O.H.C.	89017770	NA

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
12514101	X		101.60	1.98	1.98		4.76		12 VALVE
12514101	X		4.000	0.078	0.078		0.188		12 VALVE
12514101	X								12 VALVE
12514101	X								VIN-Z, 12 VALVE
12514101	X								VIN-Z, 12 VALVE
12514101	X								VIN-Z, 12 VALVE
12514101	X								VIN-Z, 12 VALVE
12514101	X								12 VALVE
12514101	X								12 VALVE
12514101	X		101.60	1.98	1.98		4.76		VIN-Z, 12 VALVE
12514101	X		4.000	0.078	0.078		0.188		VIN-Z, 12 VALVE
12514102	X		101.60	1.98	1.98		4.76		12 VALVE
12514102	X		4.000	0.078	0.078		0.188		12 VALVE
12514103	X		101.60	1.98	1.98		4.76		12 VALVE
12514103	X		4.000	0.078	0.078		0.188		12 VALVE
12514103	X								12 VALVE
12522850	11-827	350	101.60	1.50	1.50		3.00		12 VALVE
12522850	11-827	350	4.000	0.059	0.059		0.118		12 VALVE
12522850	11-827	350							12 VALVE
12522850	11-827	350							12 VALVE
12522850	11-827	350							12 VALVE
12522850	11-827	350							12 VALVE
12522850	11-827	350							12 VALVE
12522850	11-827	350							12 VALVE
12522850	11-827	350							12 VALVE
12522850	11-827	350							12 VALVE
12522850	11-827	350							12 VALVE
12522850	11-827	350							12 VALVE
12522850	11-827	350							12 VALVE
12522850	11-827	350							12 VALVE
12522850	11-827	350							12 VALVE
88894280	X		101.60	1.50	1.50		3.00		12 VALVE
88894280	X		4.000	0.059	0.059		0.118		12 VALVE
88894280	X								12 VALVE
88894280	X								12 VALVE
88894280	X								12 VALVE
12528891	X		94.90	2.00	2.00		4.76		16 VALVE
			3.736	0.079	0.079		0.187		
89018063	X		90.93						Supercharger, 32 VALVE
89018063	X		3.580	0.000	0.000		0.000		Supercharger, 32 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
4474	4.5L	273	DEVILLE	1988 - 1989	V8	HT-4500	F.I.	O.H.V.	1645491	SWG10002
4474	4.5L	273	ELDORADO	1988 - 1989	V8	HT-4500	F.I.	O.H.V.	1645491	SWG10002
4474	4.5L	273	FLEETWOOD	1988 - 1989	V8	HT-4500	F.I.	O.H.V.	1645491	SWG10002
4474	4.5L	273	SEVILLE	1988 - 1989	V8	HT-4500	F.I.	O.H.V.	1645491	SWG10002
4474	4.5L	273	ALLANTE	1989 - 1992	V8	HT-4500	F.I.	O.H.V.	1645491	SWG10002
4474	4.5L	273	DEVILLE	1990 - 1993	V8	HT-4500	F.I.	O.H.V.	1645491	SWG10002
4474	4.5L	273	ELDORADO	1990 - 1993	V8	HT-4500	F.I.	O.H.V.	1645491	SWG10002
4474	4.5L	273	FLEETWOOD	1990 - 1993	V8	HT-4500	F.I.	O.H.V.	1645491	SWG10002
4474	4.5L	273	SEVILLE	1990 - 1993	V8	HT-4500	F.I.	O.H.V.	1645491	SWG10002
4565	4.6L	279	BONNEVILLE	2004 - 2006	V8	Cadillac V8 LD8	F.I.	D.O.H.C.	89017413	SWG10011
4565	4.6L	279	DEVILLE	2005 - 2006	V8	Northstar LD8	F.I.	D.O.H.C.	89017413	SWG10011
4565	4.6L	279	DTS	2006 - 2012	V8	Northstar LD8	F.I.	D.O.H.C.	89017413	SWG10011
4565	4.6L	279	LUCERNE	2006 - 2008	V8	Northstar LD8	F.I.	D.O.H.C.	89017413	SWG10011
4565	4.6L	279	LUCERNE	2008 - 2012	V8	Northstar LD8	F.I.	D.O.H.C.	89017413	SWG10011
4565	4.6L	279	SRX	2004 - 2009	V8	Northstar LH2	F.I.	D.O.H.C.	89017413	SWG10011
4565	4.6L	279	STS	2005 - 2010	V8	Northstar LH2	F.I.	D.O.H.C.	89017413	SWG10011
4565	4.6L	279	XLR	2004 - 2012	V8	Northstar LH2	F.I.	D.O.H.C.	89017413	SWG10011
4605	4.6L	281	ALLANTE	1993 ONLY	V8	Northstar L37	F.I.	D.O.H.C.	3543903	SWG10008
4605	4.6L	281	DEVILLE	1994 - 1995	V8	Northstar L37	F.I.	D.O.H.C.	3543903	SWG10008
4605	4.6L	281	ELDORADO	1994 - 1995	V8	Northstar L37	F.I.	D.O.H.C.	3543903	SWG10008
4605	4.6L	281	SEVILLE	1994 - 1995	V8	Northstar L37	F.I.	D.O.H.C.	3543903	SWG10008
4605	4.6L	281	DEVILLE	1996 - 1999	V8	Northstar L37	F.I.	D.O.H.C.	12555217	SWG10013
4605	4.6L	281	ELDORADO	1996 - 1999	V8	Northstar L37	F.I.	D.O.H.C.	12555217	SWG10013
4605	4.6L	281	SEVILLE	1996 - 1999	V8	Northstar L37	F.I.	D.O.H.C.	12555217	SWG10013
4605	4.6L	281	DEVILLE	2000 - 2004	V8	Northstar L37	F.I.	D.O.H.C.	12564801	SWG10011
4605	4.6L	281	ELDORADO	2000 - 2002	V8	Northstar L37	F.I.	D.O.H.C.	12564801	SWG10011
4605	4.6L	281	SEVILLE	2000 - 2005	V8	Northstar L37	F.I.	D.O.H.C.	12564801	SWG10011
4818	4.8L	294	EXPRESS	2005 - 2006	V8	Vortec 4800 LR4	F.I.	O.H.V.	12456338	SWG10005
4818	4.8L	294	SAVANA	2003 - 2012	V8	Vortec 4800 LR4	F.I.	O.H.V.	12456338	SWG10005
4818	4.8L	294	SIERRA 1500	1999 - 2012	V8	Vortec 4800 LR4	F.I.	O.H.V.	12456338	SWG10005
4818	4.8L	294	SILVERADO 1500	1999 - 2012	V8	Vortec 4800 LR4	F.I.	O.H.V.	12456338	SWG10005
4818	4.8L	294	TAHOE	2000 - 2007	V8	Vortec 4800 LR4	F.I.	O.H.V.	12456338	SWG10005
4818	4.8L	294	YUKON	2000 - 2009	V8	Vortec 4800 LR4	F.I.	O.H.V.	12456338	SWG10005
4818	4.8L	294	TAHOE	2008 - 2010	V8	Vortec 4800 LY2	F.I.	O.H.V.	12456338	SWG10005

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
1645490	X		92.00	1.50	1.50		3.00		16 VALVE
1645490	X		3.622	0.059	0.059		0.118		16 VALVE
1645490	X								16 VALVE
1645490	X								16 VALVE
3534204	X		92.00	1.50	1.50		3.00		16 VALVE
3534204	X		3.622	0.059	0.059		0.118		16 VALVE
3534204	X								16 VALVE
3534204	X								16 VALVE
3534204	X								16 VALVE
89017429	X		93.00	1.20	1.50		2.50		32 VALVE
89017429	X		3.661	0.047	0.059		0.098		32 VALVE
89017429	X								32 VALVE
89017429	X								32 VALVE
89017429	X								32 VALVE
89017430	X		93.00	1.20	1.50		2.50		32 VALVE
89017430	X		3.661	0.047	0.059		0.098		32 VALVE
89017430	X								32 VALVE
12553805	X		93.00	1.50	1.50		3.00		32 VALVE
12553805	X		3.661	0.059	0.059		0.118		32 VALVE
12553805	X								32 VALVE
12553805	X								32 VALVE
12555216	X		93.00	1.20	1.50		3.00		32 VALVE
12555216	X		3.661	0.047	0.059		0.118		32 VALVE
12555216	X								32 VALVE
12564799	X		93.00	1.20	1.50		2.50		32 VALVE
12564799	X		3.661	0.047	0.059		0.098		32 VALVE
12564799	X								32 VALVE
88894404	X		96.00	1.50	1.50		3.00		16 VALVE
88894404	X		3.780	0.059	0.059		0.118		16 VALVE
88894404	X								16 VALVE
88894404	X								16 VALVE
88894404	X								16 VALVE
88894404	X								16 VALVE
-	X		96.00	1.50	1.50		3.00		16 VALVE
			3.780	0.059	0.059		0.118		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
4949	4.9L	302	DEVILLE	1994 - 1995	V8	HT-4900 L26	F.I.	O.H.V.	1645491	SWG10002
4949	4.9L	302	ELDORADO	1994 - 1995	V8	HT-4900 L26	F.I.	O.H.V.	1645491	SWG10002
4949	4.9L	302	FLEETWOOD	1994 - 1995	V8	HT-4900 L26	F.I.	O.H.V.	1645491	SWG10002
4949	4.9L	302	SEVILLE	1994 - 1995	V8	HT-4900 L26	F.I.	O.H.V.	1645491	SWG10002
4949	4.9L	302	Sixty Special	1993 ONLY	V8	HT-4900 L26	F.I.	O.H.V.	1645491	SWG10002
4998	5.0L	305	BLAZER	1977 - 1986	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	BONNEVILLE	1983 - 1985	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CABALLERO	1978 - 1985	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CAMARO	1980 - 1984	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CAPRICE	1980 - 1984	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CENTURY	1980 ONLY	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CHEVY VAN	1977 - 1986	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CORVETTE	1980 ONLY	V8	LG4	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CUTLASS	1980 ONLY	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	EL CAMINO	1980 - 1984	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	FIREBIRD	1980 - 1984	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	GRAND AM	1980 ONLY	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	GRAND LeMans	1980 ONLY	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	GRAND PRIX	1980 - 1985	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	IMPALA	1980 - 1984	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	JIMMY	1977 - 1986	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	LeMans	1980 ONLY	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	MALIBU	1980 - 1983	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	MONTE CARLO	1980 - 1984	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	PARISIENNE	1983 - 1984	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	PICKUP (Chev)	1977 - 1986	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	PICKUP (GMC)	1977 - 1986	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	RALLY	1979 - 1986	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	REGAL	1980 ONLY	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	SPORTVAN	1977 - 1986	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	SPRINT	1976 - 1977	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	SUBURBAN (CH)	1977 - 1981	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	SUBURBAN (GM)	1977 - 1986	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	VANDURA	1977 - 1986	V8	Chevy S.B. 305	CARB	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	BONNEVILLE	1985 - 1986	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CABALLERO	1986 - 1987	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CAMARO	1982 - 1987	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CAPRICE	1985 - 1987	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	EL CAMINO	1985 - 1987	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	FIREBIRD	1982 - 1985	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	GRAND PRIX	1985 - 1986	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	IMPALA	1985 ONLY	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	MONTE CARLO	1983 - 1987	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	PARISIENNE	1985 - 1986	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
4998	5.0L	305	BLAZER	1987 ONLY	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	BROUGHAM	1992 ONLY	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CAMARO	1988 - 1992	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CAPRICE	1989 - 1992	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CAPRICE	1988 - 1993	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CHEVY VAN	1987 - 1994	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	Custom CRUISER	1991 - 1992	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	FIREBIRD	1987 - 1992	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	GRAND PRIX	1987 ONLY	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	JIMMY	1987 ONLY	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	MONTE CARLO	1988 ONLY	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	PICKUP (Chev)	1987 - 1994	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	PICKUP (GMC)	1987 - 1994	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	RALLY	1987 - 1993	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	ROADMASTER	1991 ONLY	V8	Chevy S.B. 305	C & F	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	SPORTVAN	1987 - 1994	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	SUBURBAN (CH)	1987 ONLY	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	SUBURBAN (GM)	1987 ONLY	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	VANDURA	1987 - 1993	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CHEVY VAN	1995 ONLY	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	PICKUP (Chev)	1995 ONLY	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	PICKUP (GMC)	1995 ONLY	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	RALLY	1995 ONLY	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	SPORTVAN	1995 ONLY	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	VANDURA	1995 ONLY	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282*	SWG10007 8CYL
4998	5.0L	305	CHEVY Express	1996 - 2002	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282	SWG10007 8CYL
4998	5.0L	305	CHEVY VAN	1996 - 1998	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282	SWG10007 8CYL
4998	5.0L	305	EXPRESS	1997 - 2002	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282	SWG10007 8CYL
4998	5.0L	305	PICKUP (Chev)	1996 - 1999	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282	SWG10007 8CYL
4998	5.0L	305	PICKUP (GMC)	1996 - 1999	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282	SWG10007 8CYL
4998	5.0L	305	SAVANA	1997 - 2002	V8	Chevy S.B. 305	F.I.	O.H.V.	12518282	SWG10007 8CYL
5031	5.0L	307	BONNEVILLE	1981 ONLY	V8	Oldsmobile V8 307	CARB		22529562	SWG10023
5031	5.0L	307	CATALINA	1981 ONLY	V8	Oldsmobile V8 307	CARB		22529562	SWG10023
5031	5.0L	307	Custom CRUISER	1980 - 1984	V8	Oldsmobile V8 307	CARB		22529562	SWG10023
5031	5.0L	307	CUTLASS	1981 - 1984	V8	Oldsmobile V8 307	CARB		22529562	SWG10023
5031	5.0L	307	DELTA 88	1980 - 1984	V8	Oldsmobile V8 307	CARB		22529562	SWG10023
5031	5.0L	307	ELECTRA	1981 - 1984	V8	Oldsmobile V8 307	CARB		22529562	SWG10023
5031	5.0L	307	LeSabre	1981 - 1984	V8	Oldsmobile V8 307	CARB		22529562	SWG10023
5031	5.0L	307	NINETY EIGHT	1980 - 1984	V8	Oldsmobile V8 307	CARB		22529562	SWG10023
5031	5.0L	307	RIVIERA	1980 - 1984	V8	Oldsmobile V8 307	CARB		22529562	SWG10023
5031	5.0L	307	TORONADO	1980 - 1984	V8	Oldsmobile V8 307	CARB		22529562	SWG10023
5031	5.0L	307	CUTLASS	1985 ONLY	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
12455573	X		94.89	1.98	1.98		4.76		
12455573	X		3.736	0.078	0.078		0.188		
12455573	X								
12455573	X								VIN-E
12455573	X								VIN-H
12455573	X								
12455573	X								
12455573	X								
12455573	X								
12455573	X								
12455573	X								
12455573	X								
12455573	X								
12455573	X								
12455573	X								
12455573	X								
12455573	X								
14094014	X		94.89	1.98	1.98		4.76		16 VALVE
14094014	X		3.736	0.078	0.078		0.188		16 VALVE
14094014	X								16 VALVE
14094014	X								16 VALVE
14094014	X								16 VALVE
14094014	X								16 VALVE
12528891	X		94.89	2.00	2.00		4.76		16 VALVE
12528891	X		3.736	0.079	0.079		0.187		16 VALVE
12528891	X								16 VALVE
12528891	X								16 VALVE
12528891	X								16 VALVE
22506658	X		96.50	1.98	1.98		4.76		
22506658	X		3.799	0.078	0.078		0.188		
22506658	X								
22506658	X								
22506658	X								
22506658	X								
22506658	X								
22506658	X								
22506658	X								
22506658	X								
22531926	X		96.50	1.98	1.98		4.76		VIN-9
			3.799	0.078	0.078		0.188		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
5031	5.0L	307	BROUGHAM	1986 - 1987	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	BROUGHAM	1986 - 1987	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	FLEETWOOD	1986 ONLY	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	FLEETWOOD	1986 ONLY	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	BROUGHAM	1988 - 1991	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	BROUGHAM	1988 - 1991	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	CAPRICE	1985 - 1990	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	CAPRICE	1985 - 1990	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	Custom CRUISER	1985 - 1990	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	Custom CRUISER	1980 - 1995	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	CUTLASS	1985 - 1988	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	CUTLASS	1985 - 1988	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	DELTA 88	1985 ONLY	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	DELTA 88	1985 ONLY	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	ELECTRA	1985 - 1989	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	ELECTRA	1985 - 1989	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	ESTATE WAGON	1990 ONLY	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	ESTATE WAGON	1990 ONLY	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	LeSabre	1985 - 1989	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	LeSabre	1985 - 1989	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	REGAL	1986 - 1987	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	REGAL	1986 - 1987	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	RIVIERA	1985 ONLY	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	RIVIERA	1985 ONLY	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	SAFARI	1987 - 1989	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	SAFARI	1987 - 1989	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	TORONADO	1985 ONLY	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5031	5.0L	307	TORONADO	1985 ONLY	V8	Oldsmobile V8 307	F.I.		22529562	SWG10023
5328	5.3L	325	AVALANCHE	2002 - 2003	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	ESCALADE	2002 - 2003	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	EXPRESS	2003 ONLY	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SAVANA	2003 ONLY	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SIERRA 1500	1999 - 2003	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SIERRA 2500	1999 - 2000	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SILVERADO 1500	1999 - 2003	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SILVERADO 2500	1999 - 2000	V8	Vortec 5300 LM7	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SSR	2003 ONLY	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SUBURBAN (CH)	1999 - 2003	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	TAHOE	1999 - 2003	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	TRAILBLAZER	2003 ONLY	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	YUKON	1999 - 2003	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	YUKON XL	2002 - 2003	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
22527481	X		96.50	1.98	1.98		4.76		LEFT
22527482	X		96.50	1.98	1.98		4.76		RIGHT
22527481	X		3.799	0.078	0.078		0.188		LEFT
22527482	X		3.799	0.078	0.078		0.188		RIGHT
22527479	X		96.50	1.98	1.98		4.76		LEFT
22527480	X		96.50	1.98	1.98		4.76		RIGHT
22527479	X		3.799	0.078	0.078		0.188		VIN-Y, LEFT
22527480	X		3.799	0.078	0.078		0.188		VIN-Y, RIGHT
22527479	X								LEFT, VIN-Y
22527480	X								RIGHT, VIN-Y
22527479	X								LEFT, VIN-Y
22527480	X								RIGHT, VIN-Y
22527479	X								LEFT, VIN-Y
22527480	X								RIGHT, VIN-Y
22527479	X								LEFT
22527480	X								RIGHT
22527479	X								LEFT
22527480	X								RIGHT
22527479	X								LEFT
22527480	X								RIGHT
25527479	X								LEFT
25527480	X								RIGHT
25527479	X								LEFT
25527480	X								RIGHT
22527479	X								LEFT
22527480	X								RIGHT
22527479	X								LEFT, VIN-Y
22527480	X								RIGHT, VIN-Y
88894397	11-829	351	96.00	1.50	1.50		3.00		LM7, 16 VALVE
88894397	11-829	351	3.780	0.059	0.059		0.118		LM7, 16 VALVE
88894397	11-829	351							LM7, 16 VALVE
88894397	11-829	351							LM7, 16 VALVE
88894397	11-829	351							L59, LM7, 16 VALVE
88894397	11-829	351							L59, LM7, 16 VALVE
88894397	11-829	351							L59, LM7, 16 VALVE
88894397	11-829	351							16 VALVE
88894397	11-829	351							LM4, 16 VALVE
88894397	11-829	351							L59, LM7, 16 VALVE
88894397	11-829	351							L59, LM7, 16 VALVE
88894397	11-829	351							LM4, 16 VALVE
88894397	11-829	351							L59, LM7, 16 VALVE
88894397	11-829	351							L59, LM7, 16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
5328	5.3L	325	AVALANCHE	2007 - 2012	V8	Vortec 5300 IV	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	ENVOY	2002 - 2009	V8	Vortec 5300 LH6	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	EXPRESS	2008 - 2012	V8	Vortec 5300 IV	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	GRAND PRIX	2006 ONLY	V8	Vortec 5300 LS4	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	IMPALA	2007 ONLY	V8	Vortec 5300 LS4	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	LaCrosse	2009 ONLY	V8	Vortec 5300 LS4	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	MONTE CARLO	2006 - 2008	V8	Vortec 5300 LS4	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	RAINIER	2005 - 2008	V8	Vortec 5300 IV	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SAVANA	2008 - 2012	V8	Vortec 5300 IV	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SIERRA 1500	2007 - 2012	V8	Vortec 5300 IV	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SILVERADO 1500	2007 - 2012	V8	Vortec 5300 IV	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SUBURBAN (CH)	2007 - 2012	V8	Vortec 5300 IV	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	TAHOE	2007 - 2012	V8	Vortec 5300 IV	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	TRAILBLAZER	2004 - 2009	V8	Vortec 5300 IV	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	YUKON	2007 - 2012	V8	Vortec 5300 IV	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	YUKON XL	2007 - 2012	V8	Vortec 5300 IV	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	AVALANCHE	2004 - 2006	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	ENVOY DENALI	2005 - 2009	V8	Vortec 5300 IV	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	ENVOY XL	2004 - 2006	V8	Vortec 5300 IV	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	ESCALADE	2004 - 2005	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	EXPRESS	2004 - 2007	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	RAINIER	2004 ONLY	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SAVANA	2004 - 2007	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SIERRA 1500	2004 - 2007	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SILVERADO 1500	2003 - 2007	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SSR	2004 ONLY	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SUBURBAN (CH)	2004 - 2006	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	TAHOE	2004 - 2006	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	TRAILBLAZER	2004 ONLY	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	YUKON	2004 - 2006	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	YUKON XL	2004 - 2006	V8	Vortec 5300 III	F.I.	O.H.V.	12456338	SWG10005
5328	5.3L	325	SIERRA HYBRID	2005 - 2008	V8	Vortec 5300H	F.I.	O.H.V.	-	NA
5328	5.3L	325	SILVERADO HYBRID	2005 - 2007	V8	Vortec 5300H	F.I.	O.H.V.	-	NA
5328	5.3L	325	CANYON	2009 - 2012	V8	Vortec 5300 IV	F.I.	O.H.V.	19208677	SWG10005
5328	5.3L	325	COLORADO	2008 - 2012	V8	Vortec 5300 IV	F.I.	O.H.V.	19208677	SWG10005
5328	5.3L	325	H3	2008 - 2009	V8	Vortec 5300 LH8	F.I.	O.H.V.	19208677	SWG10005
5328	5.3L	325	H3T	2009 - 2009	V8	Vortec 5300 IV	F.I.	O.H.V.	19208677	SWG10005
5670	5.7L	346	CTS	2004 - 2006	V8	Vortec 5700 LS6	F.I.	O.H.V.	88894299	SWG10018
5670	5.7L	346	FIREBIRD	1998 - 2002	V8	Vortec 5700 LS6	F.I.	O.H.V.	88894299	SWG10018
5670	5.7L	346	GRAND PRIX	2005 - 2008	V8	Vortec 5700 LS6	F.I.	O.H.V.	88894299	SWG10018
5670	5.7L	346	IMPALA	2008 - 2009	V8	Vortec 5700 LS6	F.I.	O.H.V.	88894299	SWG10018
5670	5.7L	346	CAMARO	1998 - 2002	V8	Vortec 5700 LS6	F.I.	O.H.V.	88894299	SWG10018

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
89017577	X		96.00	1.50	1.50		3.00		LC9, LMG, LY5, 16 VALVE
89017577	X		3.780	0.059	0.059		0.118		16 VALVE
89017577	X								LY5, 16 VALVE
89017577	X								16 VALVE
89017577	X								16 VALVE
89017577	X								16 VALVE
89017577	X								LH6, 16 VALVE
89017577	X								LY5, 16 VALVE
89017577	X								LC9, LH6, LMG, LY5, 16 VALVE
89017577	X								LC9, LH6, LMG, LY5, 16 VALVE
89017577	X								LC9, LMG, LY5, 16 VALVE
89017577	X								LMG, LY5, 16 VALVE
89017577	X								LH6, 16 VALVE
89017577	X								LC9, LMG, LY5, 16 VALVE
89017577	X								LC9, LMG, LY5, 16 VALVE
89017579	X		96.00	1.50	1.50		3.00		LM7, 16 VALVE
89017579	X		3.780	0.059	0.059		0.118		LH6, 16 VALVE
89017579	X								LH6, LM4, 16 VALVE
89017579	X								LM7, 16 VALVE
89017579	X								LM7, 16 VALVE
89017579	X								LM4, 16 VALVE
89017579	X								LM7, 16 VALVE
89017579	X								L33, L59, LM7, 16 VALVE
89017579	X								L33, L59, LM7, 16 VALVE
89017579	X								LM4, 16 VALVE
89017579	X								L59, LM7, 16 VALVE
89017579	X								L59, LM7, 16 VALVE
89017579	X								LM4, 16 VALVE
89017579	X								L59, LM7, 16 VALVE
89017579	X								L59, LM7, 16 VALVE
-	X		96.00	1.50	1.50		3.00		16 VALVE
-	X		3.780	0.059	0.059		0.118		16 VALVE
89060486	X		96.00	1.50	1.50		3.00		LH8, 16 VALVE
89060486	X		3.780	0.059	0.059		0.118		LH8, 16 VALVE
89060486	X								16 VALVE
89060486	X								LH8, 16 VALVE
12456108	X		99.00	1.50	1.50		3.00		16 VALVE
12456108	X		3.898	0.059	0.059		0.118		16 VALVE
12456108	X								16 VALVE
12456108	X								16 VALVE
88894273	X		99.00	1.50	1.50		3.00		16 VALVE
			3.898	0.059	0.059		0.118		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
5670	5.7L	346	CORVETTE	1997 - 2004	V8	Vortec 5700 LS1	F.I.	O.H.V.	88984247	SWG10018
5670	5.7L	346	CORVETTE	2001 - 2004	V8	Vortec 5700 LS6	F.I.	O.H.V.	88984247	SWG10018
5670	5.7L	346	GTO	2004 ONLY	V8	Vortec 5700 LS6	F.I.	O.H.V.	88984247	SWG10018
5735	5.7L	350	BLAZER	1974 - 1985	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	CHEVY VAN	1974 - 1986	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	JIMMY	1975 - 1985	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	MAGNAVAN	1974 - 1988	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	PICKUP (Chev)	1974 - 1986	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	PICKUP (GMC)	1974 - 1986	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	RALLY	1974 - 1986	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	SPORTVAN	1974 - 1986	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	SPRINT	1974 - 1975	V8	Chevy S.B. 350	CARB	O.H.V.	14089025	SWF80016
5735	5.7L	350	SUBURBAN (CH)	1974 - 1986	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	SUBURBAN (GM)	1974 - 1986	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	VANDURA	1974 - 1988	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	CAMARO	1988 ONLY	V8	Chevy S.B. 350 L98	F.I.	O.H.V.	12507985	SWF80016
5735	5.7L	350	CORVETTE	1986 - 1988	V8	Chevy S.B. 350 L98	F.I.	O.H.V.	12507985	SWF80016
5735	5.7L	350	CORVETTE	1986 ONLY	V8	Chevy S.B. 350 L98	F.I.	O.H.V.	12507985	SWF80016
5735	5.7L	350	CAMARO	1987 - 1989	V8	Chevy S.B. 350 L98	F.I.	O.H.V.	12507985	SWF80016
5735	5.7L	350	CORVETTE	1989 ONLY	V8	Chevy S.B. 350 L98	F.I.	O.H.V.	12507985	SWF80016
5735	5.7L	350	FIREBIRD	1987 - 1989	V8	Chevy S.B. 350 L98	F.I.	O.H.V.	12507985	SWF80016
5735	5.7L	350	BLAZER	1974 - 1994	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	CABALLERO	1978 ONLY	V8	Chevy S.B. 350	CARB	O.H.V.	14089025	SWF80016
5735	5.7L	350	CABALLERO	1979 ONLY	V8	Chevy S.B. 350	CARB	O.H.V.	14089025	SWF80016
5735	5.7L	350	CAMARO	1980 - 1981	V8	Chevy S.B. 350	CARB	O.H.V.	14089025	SWF80016
5735	5.7L	350	CHEVY VAN	1974 - 1995	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	CORVETTE	1980 - 1981	V8	Chevy S.B. 350	CARB	O.H.V.	14089025	SWF80016
5735	5.7L	350	MAGNAVAN	1975 - 1991	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	MALIBU	1981 ONLY	V8	Chevy S.B. 350	CARB	O.H.V.	14089025	SWF80016
5735	5.7L	350	MONTE CARLO	1981 ONLY	V8	Chevy S.B. 350	CARB	O.H.V.	14089025	SWF80016
5735	5.7L	350	PICKUP (Chev)	1974 - 1994	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	PICKUP (GMC)	1974 - 1994	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	RALLY	1974 - 1994	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	SPORTVAN	1974 - 1994	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	SPRINT	1975 - 1977	V8	Chevy S.B. 350	CARB	O.H.V.	14089025	SWF80016
5735	5.7L	350	SUBURBAN (CH)	1974 - 1994	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	SUBURBAN (GM)	1974 - 1994	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	VANDURA	1974 - 1994	V8	Chevy S.B. 350	C & F	O.H.V.	14089025	SWF80016
5735	5.7L	350	CORVETTE	1980 - 1985	V8	Chevy S.B. 350 L83	C & F	O.H.V.	14089025	SWF80016

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
88984245	X		99.00	1.50	1.50		3.00		16 VALVE
88984245	X		3.898	0.059	0.059		0.118		16 VALVE
88984245	X								16 VALVE
10049076	X		101.60	1.98	1.98		4.76		
10049076	X		4.000	0.078	0.078		0.188		VIN-M
10049076	X								
10049076	X								G3500, VIN-M
10049076	X								
10049076	X								C3500, K2500, VIN-M
10049076	X								G3500, VIN-M
10049076	X								VIN-M
10049076	X								
10049076	X								VIN-M
10049076	X								K2500, VIN-M
10049076	X								G3500, VIN-M
10049079	X		101.60	1.98	1.98		4.76		
10049079	X		4.000	0.078	0.078		0.188		ALUMINUM HEAD
14093989	X		101.60	1.98	1.98		4.76		CAST IRON HEAD
			4.000	0.078	0.078		0.188		
12514101	X		101.60	1.98	1.98		4.76		
12514101	X		4.000	0.078	0.078		0.188		
12514101	X								
12514101	X		101.60	1.98	1.98		4.76		VIN-K, L
12514101	X		4.000	0.078	0.078		0.188		
12514101	X								
12514101	X								VIN-K, L
12514101	X								
12514101	X								VIN-K, L
12514101	X								
12514101	X								VIN-K, L
12514101	X								VIN-K, L
12514101	X								VIN-K, L
12514101	X								VIN-K, L
12514101	X								C1500, K1500, VIN-K, L
12514101	X								G1500, G2500, VIN-K, L
12514101	X								VIN-K, L
12514101	X								
12514101	X								VIN-K, L
12514101	X								VIN-K, L
12514101	X								C1500, K1500, VIN-K, L
12514101	X								G1500, G2500. VIN-K, L
474190	X		101.60	1.98	1.98		4.76		
			4.000	0.078	0.078		0.188		

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
5735	5.7L	350	BLAZER	1987 - 1993	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	CHEVY VAN	1987 - 1993	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	MAGNAVAN	1987 - 1993	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	PICKUP (Chev)	1987 - 1993	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	PICKUP (GMC)	1987 - 1993	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	SPORTVAN	1987 - 1993	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	SUBURBAN (CH)	1987 - 1993	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	SUBURBAN (GM)	1987 - 1993	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	VANDURA	1987 - 1993	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	PICKUP (Chev)	1995 ONLY	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	PICKUP (GMC)	1995 ONLY	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	SUBURBAN (GM)	1995 ONLY	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	PICKUP (Chev)	1995 ONLY	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	PICKUP (GMC)	1995 ONLY	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	SUBURBAN (GM)	1995 ONLY	V8	Chevy S.B. 350	F.I.	O.H.V.	14089025	SWF80016
5735	5.7L	350	C3500 HD	1991 - 1993	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	JIMMY	1987 - 1991	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	RALLY	1987 - 1993	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	C3500 HD	1994 ONLY	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	JIMMY	1974 - 1991	V8	Vortec 5700 L31	C & F	O.H.V.	88894219	SWF80016
5735	5.7L	350	TRANS AM	1992 - 1996	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	YUKON	1992 - 1998	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	CHEVY VAN	1995 ONLY	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	RALLY	1995 ONLY	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	SPORTVAN	1995 ONLY	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	SUBURBAN (CH)	1995 ONLY	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	VANDURA	1995 ONLY	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	CHEVY VAN	1995 ONLY	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	RALLY	1995 ONLY	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	SPORTVAN	1995 ONLY	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	SUBURBAN (CH)	1995 ONLY	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	VANDURA	1995 ONLY	V8	Vortec 5700 L31	F.I.	O.H.V.	88894219	SWF80016
5735	5.7L	350	CHEVY Express	1996 - 2002	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
5735	5.7L	350	CHEVY VAN	1996 - 1998	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
5735	5.7L	350	CUTAWAY	1996 - 2002	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
5735	5.7L	350	ESCALADE	1999 - 2000	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
5735	5.7L	350	EXPRESS	1996 - 2002	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
5735	5.7L	350	PICKUP (Chev)	1996 - 2000	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
GMC - VORTEC 5700 L31 CONTINUE										

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
14093989	X		101.60	1.98	1.98		4.76		VIN-K
14093989	X		4.000	0.078	0.078		0.188		VIN-K
14093989	X								VIN-K
14093989	X								VIN-K
14093989	X								VIN-K
14093989	X								VIN-K
14093989	X								VIN-K
14093989	X								VIN-K
14093989	X								VIN-K
12514102	X		101.60	1.98	1.98		4.76		16 VALVE
12514102	X		4.000	0.078	0.078		0.188		16 VALVE
12514102	X								16 VALVE
10181280	X		101.60	1.98	1.98		4.76		16 VALVE
10181280	X		4.000	0.078	0.078		0.188		16 VALVE
10181280	X								16 VALVE
14093989	X		101.60	1.98	1.98		4.76		16 VALVE
14093989	X		4.000	0.078	0.078		0.188		VIN-K, 16 VALVE
14093989	X								VIN-K, 16 VALVE
12514101	X		101.60	1.98	1.98		4.76		16 VALVE
12514101	X		4.000	0.078	0.078		0.188		C1500, K1500, VIN-K, L, 16 VALVE
12514101	X								16 VALVE
12514101	X								16 VALVE
12514102	X		101.60	1.98	1.98		4.76		16 VALVE
12514102	X		4.000	0.078	0.078		0.188		16 VALVE
12514102	X								16 VALVE
12514102	X								16 VALVE
12514102	X								16 VALVE
10181280	X		101.60	1.98	1.98		4.76		16 VALVE
10181280	X		4.000	0.078	0.078		0.188		16 VALVE
10181280	X								16 VALVE
10181280	X								16 VALVE
10181280	X								16 VALVE
12522850	11-828	351	101.60	1.50	1.50		3.00		16 VALVE
12522850	11-828	351	4.000	0.059	0.059		0.118		16 VALVE
12522850	11-828	351							16 VALVE
12522850	11-828	351							16 VALVE
12522850	11-828	351							16 VALVE
12522850	11-828	351							16 VALVE
GMC - VORTEC 5700 L31 CONTINUE									

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
5735	5.7L	350	PICKUP (GMC)	1996 - 2000	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
5735	5.7L	350	RV CUTAWAY	1996 - 2002	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
5735	5.7L	350	SAVANA	1997 - 1998	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
5735	5.7L	350	SAVANA	1997 - 2002	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
5735	5.7L	350	SUBURBAN (CH)	1996 - 1999	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
5735	5.7L	350	SUBURBAN (GM)	1996 - 1999	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
5735	5.7L	350	TAHOE	1995 - 1999	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
5735	5.7L	350	YUKON	1999 - 2000	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
5735	5.7L	350	YUKON DENALI	2000 ONLY	V8	Vortec 5700 L31	F.I.	O.H.V.	12522848	SWI10197
5964	6.0L	364	EXPRESS	2003 - 2006	V8	Vortec 6000 LQ4	F.I.	O.H.V.	12456342	SWI10197
5964	6.0L	364	H2	2003 - 2004	V8	Vortec 6000 LQ4	F.I.	O.H.V.	12456342	SWI10197
5964	6.0L	364	SAVANA	2003 - 2006	V8	Vortec 6000 LQ4	F.I.	O.H.V.	12456342	SWI10197
5964	6.0L	364	SILVERADO 2500	1999 - 2004	V8	Vortec 6000 LQ4	F.I.	O.H.V.	12456342	SWI10197
5964	6.0L	364	SUBURBAN (CH)	2000 - 2006	V8	Vortec 6000 LQ4	F.I.	O.H.V.	12456342	SWI10197
5964	6.0L	364	YUKON DENALI	2001 - 2006	V8	Vortec 6000 LQ4	F.I.	O.H.V.	12456342	SWI10197
5967	6.0L	364	ESCALADE	2002 - 2006	V8	Vortec 6000 LQ9	F.I.	O.H.V.	88894243	SWI10197
5967	6.0L	364	ESCALADE EXT	2002 - 2006	V8	Vortec 6000 LQ9	F.I.	O.H.V.	88894243	SWI10197
5967	6.0L	364	SIERRA 1500	1999 - 2005	V8	Vortec 6000 LQ9	F.I.	O.H.V.	88894243	SWI10197
5967	6.0L	364	SIERRA 2500	1999 - 2004	V8	Vortec 6000 LQ9	F.I.	O.H.V.	88894243	SWI10197
5967	6.0L	364	SIERRA 2500 HD	2001 - 2005	V8	Vortec 6000 LQ9	F.I.	O.H.V.	88894243	SWI10197
5967	6.0L	364	SIERRA 3500	2001 - 2005	V8	Vortec 6000 LQ9	F.I.	O.H.V.	88894243	SWI10197
5967	6.0L	364	SILVERADO 1500	2001 - 2005	V8	Vortec 6000 LQ9	F.I.	O.H.V.	88894243	SWI10197
5967	6.0L	364	SILVERADO 2500HD	2001 - 2005	V8	Vortec 6000 LQ9	F.I.	O.H.V.	88894243	SWI10197
5967	6.0L	364	SILVERADO 3500HD	2001 - 2005	V8	Vortec 6000 LQ9	F.I.	O.H.V.	88894243	SWI10197
5967	6.0L	364	YUKON	2001 - 2005	V8	Vortec 6000 LQ9	F.I.	O.H.V.	88894243	SWI10197
5967	6.0L	364	AVALANCHE	2007 - 2012	V8	Vortec 6000 L76	F.I.	O.H.V.	19178307	SWG10031
5967	6.0L	364	EXPRESS	2007 - 2009	V8	Vortec 6000 L76	F.I.	O.H.V.	19178307	SWG10031
5967	6.0L	364	G8	2008 - 2009	V8	Vortec 6000 L76	F.I.	O.H.V.	19178307	SWG10031
5967	6.0L	364	SAVANA	2007 - 2012	V8	Vortec 6000 L76	F.I.	O.H.V.	19178307	SWG10031
5967	6.0L	364	SIERRA 1500	2006 - 2012	V8	Vortec 6000 L76	F.I.	O.H.V.	19178307	SWG10031
5967	6.0L	364	SILVERADO 1500	2006 - 2010	V8	Vortec 6000 L76	F.I.	O.H.V.	19178307	SWG10031
5967	6.0L	364	TRAILBLAZER	2006 - 2009	V8	Vortec 6000 L76	F.I.	O.H.V.	19178307	SWG10031
5967	6.0L	364	ESCALADE Hybrid	2009 - 2012	V8	Vortec 6000 LFA	F.I.	O.H.V.	19178307	SWG10031
5967	6.0L	364	SIERRA HYBRID	2009 - 2012	V8	Vortec 6000 LFA	F.I.	O.H.V.	19178307	SWG10031
5967	6.0L	364	SILVERADO HYBRID	2009 - 2012	V8	Vortec 6000 LFA	F.I.	O.H.V.	19178307	SWG10031
5967	6.0L	364	TAHOE Hybrid	2008 - 2012	V8	Vortec 6000 LFA	F.I.	O.H.V.	19178307	SWG10031
5967	6.0L	364	YUKON HYBRID	2008 - 2012	V8	Vortec 6000 LFA	F.I.	O.H.V.	19178307	SWG10031
5967	6.0L	364	YUKON DENALI HYBRID	2008 - 2012	V8	Vortec 6000 LFA	F.I.	O.H.V.	19178307	SWG10031
5967	6.0L	364	CTS	2007 - 2008	V8	Vortec 6000 LS2	F.I.	O.H.V.	89017484	SWG10031
5967	6.0L	364	H2	2005 - 2007	V8	Vortec 6000 LS2	F.I.	O.H.V.	89017484	SWG10031
5967	6.0L	364	SIERRA 2500	2005 - 2008	V8	Vortec 6000 LS2	F.I.	O.H.V.	89017484	SWG10031

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
12522850	11-828	351	101.60	1.50	1.50		3.00		16 VALVE
12522850	11-828	351	4.000	0.059	0.059		0.118		16 VALVE
12522850	11-828	351							16 VALVE
12522850	11-828	351							16 VALVE
12522850	11-828	351							16 VALVE
12522850	11-828	351							16 VALVE
12522850	11-828	351							16 VALVE
12522850	11-828	351							16 VALVE
12522850	11-828	351							16 VALVE
88894003	11-823	350	101.60	1.50	1.50		3.00		16 VALVE
88894003	11-823	350	4.000	0.059	0.059		0.118		16 VALVE
88894003	11-823	350							16 VALVE
88894003	11-823	350							16 VALVE
88894003	11-823	350							16 VALVE
88894003	11-823	350							16 VALVE
88894003	11-823	350							16 VALVE
88894003	11-823	350	101.60	1.50	1.50		3.00		16 VALVE
88894003	11-823	350	4.000	0.059	0.059		0.118		16 VALVE
88894003	11-823	350							16 VALVE
88894003	11-823	350							16 VALVE
88894003	11-823	350							16 VALVE
88894003	11-823	350							16 VALVE
88894003	11-823	350							16 VALVE
88894003	11-823	350							16 VALVE
88894003	11-823	350							16 VALVE
88894003	11-823	350							16 VALVE
88894003	11-823	350							16 VALVE
89017849	11-889		101.60	1.20	1.50		2.50		16 VALVE
89017849	11-889		4.000	0.047	0.059		0.098		16 VALVE
89017849	11-889								16 VALVE
89017849	11-889								16 VALVE
89017849	11-889								16 VALVE
89017849	11-889								16 VALVE
89017849	11-889								16 VALVE
19209286	X		101.60	1.20	1.50		2.50		16 VALVE
19209286	X		4.000	0.047	0.059		0.098		16 VALVE
19209286	X								16 VALVE
19209286	X								16 VALVE
19209286	X								16 VALVE
19209286	X								16 VALVE
19178305	X		101.60	1.20	1.50		2.50		16 VALVE
19178305	X		4.000	0.047	0.059		0.098		16 VALVE
19178305	X								16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
5967	6.0L	364	CORVETTE	2005 - 2008	V8	Vortec 6000 LS2	F.I.	O.H.V.	89017484	SWG10031
5967	6.0L	364	GTO	2005 - 2006	V8	Vortec 6000 LS2	F.I.	O.H.V.	89017484	SWG10031
5967	6.0L	364	SSR	2005 - 2006	V8	Vortec 6000 LS2	F.I.	O.H.V.	89017484	SWG10031
5967	6.0L	364	SIERRA 2500 HD	2006 - 2012	V8	Vortec 6000 LY6	F.I.	O.H.V.	89017484	SWG10031
5967	6.0L	364	SIERRA 3500	2006 - 2012	V8	Vortec 6000 LY6	F.I.	O.H.V.	89017484	SWG10031
5967	6.0L	364	SILVERADO 2500HD	2006 - 2012	V8	Vortec 6000 LY6	F.I.	O.H.V.	89017484	SWG10031
5967	6.0L	364	SILVERADO 3500HD	2006 - 2012	V8	Vortec 6000 LY6	F.I.	O.H.V.	89017484	SWG10031
5967	6.0L	364	SUBURBAN (CH)	2007 - 2012	V8	Vortec 6000 LY6	F.I.	O.H.V.	89017484	SWG10031
5967	6.0L	364	YUKON XL	2006 - 2012	V8	Vortec 6000 LY6	F.I.	O.H.V.	89017484	SWG10031
5967	6.0L	364	EXPRESS	2010 - 2012	V8	Vortec 6000 L96	F.I.	O.H.V.	89017484	SWG10031
6162	6.2L	376	H2	2008 - 2009	V8	Vortec 6200 L92	F.I.	O.H.V.	12574294	NA
6162	6.2L	376	SILVERADO 1500	2009 - 2010	V8	Vortec 6200 L92	F.I.	O.H.V.	12574294	NA
6162	6.2L	376	ESCALADE	2007 - 2012	V8	Vortec 6200 L92	F.I.	O.H.V.	19168090	NA
6162	6.2L	376	ESCALADE EXT	2007 - 2012	V8	Vortec 6200 L92	F.I.	O.H.V.	19168090	NA
6162	6.2L	376	SIERRA 1500	2009 - 2012	V8	Vortec 6200 L92	F.I.	O.H.V.	19168090	NA
6162	6.2L	376	YUKON DENALI	2007 - 2012	V8	Vortec 6200 L92	F.I.	O.H.V.	19168090	NA
6162	6.2L	376	YUKON XL	2010 - 2012	V8	Vortec 6200 L92	F.I.	O.H.V.	19168090	NA
6162	6.2L	376	CAMARO	2010 - 2012	V8	Vortec 6200 LS3	F.I.	O.H.V.	19168090	NA
6162	6.2L	376	CORVETTE	2009 - 2012	V8	Vortec 6200 LS3	F.I.	O.H.V.	19168090	NA
6162	6.2L	376	G8	2008 - 2009	V8	Vortec 6200 LS3	F.I.	O.H.V.	19168090	NA
6162	6.2L	376	CAMARO	2010 - 2012	V8	Vortec 6200 L99	F.I.	O.H.V.	19168090	NA
6162	6.2L	376	CTS	2008 - 2012	V8	Vortec 6200 LSA	F.I.	O.H.V.	19180423	NA
6162	6.2L	376	CTS SPORT WAGON	2008 - 2012	V8	Vortec 6200 LSA	F.I.	O.H.V.	19180423	NA
6162	6.2L	376	CORVETTE ZR1	2009 - 2012	V8	Vortec 6200 LS9	F.I.	O.H.V.	19180423	NA
6473	6.5L	395	BLAZER	1994 ONLY	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	C3500 HD	1992 - 1995	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	C3500 HD	1999 - 2002	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	CHEVY Express	1996 ONLY	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	CHEVY Express	1997 - 2002	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	CHEVY VAN	1994 - 1998	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	CHEVY VAN	1996 - 1998	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	CUTAWAY	1996 ONLY	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	CUTAWAY	1997 - 2002	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
GMC -GM 6.5 DIESEL CONTINUE										

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
89017478	X		101.60	1.20	1.50		2.50		16 VALVE
89017478	X		4.000	0.047	0.059		0.098		16 VALVE
89017478	X								16 VALVE
89017582	X		101.60	1.20	1.50		2.50		16 VALVE
89017582	X		4.000	0.047	0.059		0.098		16 VALVE
89017582	X								16 VALVE
89017582	X								16 VALVE
89017582	X								16 VALVE
89017582	X								16 VALVE
-	X		101.60	1.20	1.50		2.50		16 VALVE
			4.000	0.047	0.059		0.098		
12616491	X		103.25						16 VALVE
12616491	X		4.065	0.000	0.000		0.000		16 VALVE
19178597	X		103.25						16 VALVE
19178597	X		4.065	0.000	0.000		0.000		16 VALVE
19178597	X								16 VALVE
19178597	X								16 VALVE
19178597	X								16 VALVE
19207287	X		103.25						16 VALVE
19207287	X		4.065	0.000	0.000		0.000		16 VALVE
19207287	X								16 VALVE
19208471	X		103.25						AUTO Trans., 16 VALVE
			4.065	0.000	0.000		0.000		
19180413	X		103.25						16 VALVE
19180413	X		4.065	0.000	0.000		0.000		16 VALVE
19180414	X		103.25						Supercharger, 16 VALVE
			4.065	0.000	0.000		0.000		
12550059	11-830	351	103.00	3.0K	2.00		4.00		(Detroit Diesel) 16 VALVE
12550059	11-830	351	4.055	0.118K	0.079		0.157		(Detroit Diesel) 16 VALVE
12550059	11-830	351							(Detroit Diesel) 16 VALVE
12550061	11-830	351							(Detroit Diesel) 16 VALVE
12550059	11-830	351							(Detroit Diesel) 16 VALVE
12550059	11-830	351							(Detroit Diesel) 16 VALVE
12550061	11-830	351							(Detroit Diesel) 16 VALVE
12550061	11-830	351							(Detroit Diesel) 16 VALVE
12550059	11-830	351							(Detroit Diesel) 16 VALVE
GMC -GM 6.5 DIESEL CONTINUE									

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
6473	6.5L	395	EXPRESS	1997 - 2002	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	H1	2002 - 2004	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	H1 ALPHA	2002 - 2004	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	PICKUP (Chev)	1992 - 2000	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	PICKUP (Chev)	1996 ONLY	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	PICKUP (GMC)	1994 - 2000	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	PICKUP (GMC)	1996 ONLY	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	RALLY	1994 - 1995	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	RV CUTAWAY	1996 ONLY	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	RV CUTAWAY	1997 - 2002	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	SAVANA	1999 - 2002	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	SPORTVAN	1994 - 1995	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	SPORTVAN	1996 ONLY	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	SUBURBAN (CH)	1992 - 1998	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	SUBURBAN (CH)	1996 ONLY	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	SUBURBAN (GM)	1994 - 1999	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	SUBURBAN (GM)	1996 ONLY	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	TAHOE	1995 - 1999	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	VANDURA	1994 - 1995	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6473	6.5L	395	YUKON	1994 - 1997	V8	GM 6.5 Diesel	DIESEL	O.H.V.	12369198	SDG10024
6599	6.6L	403	H1 ALPHA	2006 ONLY	V8	Duramax LLY	DIESEL	O.H.V.	88894243	SDI10183
6599	6.6L	403	H1 ALPHA	2006 ONLY	V8	Duramax LLY	DIESEL	O.H.V.	88894243	SDI10183
6599	6.6L	403	SAVANA	2006 - 2012	V8	Duramax LMM	DIESEL	O.H.V.	88894243	SDI10183
6599	6.6L	403	SAVANA	2006 - 2012	V8	Duramax LMM	DIESEL	O.H.V.	88894243	SDI10183
6599	6.6L	403	SIERRA 2500 HD	2001 - 2012	V8	Duramax LMM	DIESEL	O.H.V.	88894243	SDI10183
6599	6.6L	403	SIERRA 2500 HD	2001 - 2012	V8	Duramax LMM	DIESEL	O.H.V.	88894243	SDI10183
6599	6.6L	403	SIERRA 3500	2001 - 2012	V8	Duramax LMM	DIESEL	O.H.V.	88894243	SDI10183
6599	6.6L	403	SIERRA 3500	2001 - 2012	V8	Duramax LMM	DIESEL	O.H.V.	88894243	SDI10183
6599	6.6L	403	SILVERADO 2500HD	2001 - 2012	V8	Duramax LMM	DIESEL	O.H.V.	88894243	SDI10183
6599	6.6L	403	SILVERADO 2500HD	2001 - 2012	V8	Duramax LMM	DIESEL	O.H.V.	88894243	SDI10183
6599	6.6L	403	SILVERADO 3500HD	2001 - 2012	V8	Duramax LMM	DIESEL	O.H.V.	88894243	SDI10183
6599	6.6L	403	SILVERADO 3500HD	2001 - 2012	V8	Duramax LMM	DIESEL	O.H.V.	88894243	SDI10183
6599	6.6L	403	TOPKICK	2002 - 2012	V8	Duramax LMM	DIESEL	O.H.V.	88894243	SDI10183
6599	6.6L	403	TOPKICK	2002 - 2012	V8	Duramax LMM	DIESEL	O.H.V.	88894243	SDI10183
6997	7.0L	427	CORVETTE	2006 - 2012	V8	Vortec 7000 LS7	F.I.	O.H.V.	89017776	NA
7440	7.4L	454	JIMMY	1982 - 1985	V8	Chevy B.B. 454	CARB	O.H.V.	14089095	SWG80029
7440	7.4L	454	PICKUP (Chev)	1974 - 1978	V8	Chevy B.B. 454	CARB	O.H.V.	14089095	SWG80029
7440	7.4L	454	PICKUP (GMC)	1974 - 1978	V8	Chevy B.B. 454	CARB	O.H.V.	14089095	SWG80029
7440	7.4L	454	SUBURBAN (CH)	1974 - 1978	V8	Chevy B.B. 454	CARB	O.H.V.	14089095	SWG80029
7440	7.4L	454	SUBURBAN (GM)	1974 - 1978	V8	Chevy B.B. 454	CARB	O.H.V.	14089095	SWG80029

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1 S T	2 N D	3 R D	O 1	O 2	REMARK
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
12550059	11-830	351	103.00	3.0K	2.00		4.00		(Detroit Diesel) 16 VALVE
12550059	11-830	351	4.055	0.118K	0.079		0.157		(Detroit Diesel) 16 VALVE
12550059	11-830	351							(Detroit Diesel) 16 VALVE
12550059	11-830	351							(Detroit Diesel) 16 VALVE
12550061	11-830	351							(Detroit Diesel) 16 VALVE
12550059	11-830	351							(Detroit Diesel) 16 VALVE
12550061	11-830	351							(Detroit Diesel) 16 VALVE
12550059	11-830	351							(Detroit Diesel) 16 VALVE
12550061	11-830	351							(Detroit Diesel) 16 VALVE
12550059	11-830	351							(Detroit Diesel) 16 VALVE
12550061	11-830	351							(Detroit Diesel) 16 VALVE
12550059	11-830	351							(Detroit Diesel) 16 VALVE
12550061	11-830	351							(Detroit Diesel) 16 VALVE
12550059	11-830	351							(Detroit Diesel) 16 VALVE
12550061	11-830	351							(Detroit Diesel) 16 VALVE
12550059	11-830	351							(Detroit Diesel) 16 VALVE
12550061	11-830	351							(Detroit Diesel) 16 VALVE
12550059	11-830	351							(Detroit Diesel) 16 VALVE
12550061	11-830	351							(Detroit Diesel) 16 VALVE
12550059	11-830	351							(Detroit Diesel) 16 VALVE
12550061	11-830	351							(Detroit Diesel) 16 VALVE
97226117	11-884		103.00	2.95	2.00		3.00		LEFT, 32 VALVE
97226116	11-884		103.00	2.95	2.00		3.00		RIGHT, 32 VALVE
97226117	11-884		4.055	0.116	0.079		0.118		LEFT, 32 VALVE
97226116	11-884		4.055	0.116	0.079		0.118		RIGHT, 32 VALVE
97226117	11-884								LEFT, 32 VALVE
97226116	11-884								RIGHT, 32 VALVE
97226117	11-884								LEFT, 32 VALVE
97226116	11-884								RIGHT, 32 VALVE
97226117	11-884								LEFT, 32 VALVE
97226116	11-884								RIGHT, 32 VALVE
97226117	11-884								LEFT, 32 VALVE
97226116	11-884								RIGHT, 32 VALVE
97226117	11-884								LEFT, 32 VALVE
97226116	11-884								RIGHT, 32 VALVE
12631872	X		104.80						16 VALVE
			4.126	0.000	0.000		0.000		
340206	X		107.95	1.98	1.98		4.76		
340206	X		4.250	0.078	0.078		0.188		C10
340206	X								C1500
340206	X								C10, K10
340206	X								C1500, K1500

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
GMC, BUICK, CADILLAC, CHEVROLET, GEO										
7440	7.4L	454	PICKUP (Chev)	1974 - 1989	V8	Chevy B.B. 454	C & F	O.H.V.	14089095	SWG80029
7440	7.4L	454	PICKUP (GMC)	1974 - 1979	V8	Chevy B.B. 454	C & F	O.H.V.	14089095	SWG80029
7440	7.4L	454	SPRINT	1974 - 1975	V8	Chevy B.B. 454	CARB	O.H.V.	14089095	SWG80029
7440	7.4L	454	SUBURBAN (CH)	1974 - 1979	V8	Chevy B.B. 454	CARB	O.H.V.	14089095	SWG80029
7440	7.4L	454	SUBURBAN (GM)	1974 - 1978	V8	Chevy B.B. 454	CARB	O.H.V.	14089095	SWG80029
7440	7.4L	454	SUBURBAN (GM)	1974 - 1979	V8	Chevy B.B. 454	CARB	O.H.V.	14089095	SWG80029
7440	7.4L	454	MAGNAVAN	1988 - 1991	V8	Chevy B.B. 454	C & F	O.H.V.	14089095	SWG80029
7440	7.4L	454	PICKUP (Chev)	1974 - 1991	V8	Chevy B.B. 454	C & F	O.H.V.	14089095	SWG80029
7440	7.4L	454	PICKUP (GMC)	1974 - 1991	V8	Chevy B.B. 454	C & F	O.H.V.	14089095	SWG80029
7440	7.4L	454	RALLY	1988 - 1991	V8	Chevy B.B. 454	F.I.	O.H.V.	14089095	SWG80029
7440	7.4L	454	SUBURBAN (GM)	1980 - 1991	V8	Chevy B.B. 454	C & F	O.H.V.	14089095	SWG80029
7440	7.4L	454	VANDURA	1982 - 1991	V8	Chevy B.B. 454	C & F	O.H.V.	14089095	SWG80029
7440	7.4L	454	C3500 HD	1991 ONLY	V8	Chevy B.B. 454	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	CHEVY VAN	1989 - 1991	V8	Chevy B.B. 454	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	SPORTVAN	1989 - 1991	V8	Chevy B.B. 454	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	SUBURBAN (CH)	1980 - 1991	V8	Chevy B.B. 454	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	C3500 HD	1992 - 1995	V8	Chevy B.B. 454	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	CHEVY Express	1996 ONLY	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	CHEVY VAN	1992 - 1995	V8	Chevy B.B. 454	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	CHEVY VAN	1996 ONLY	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	CUTAWAY	1996 ONLY	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	MAGNAVAN	1992 - 1993	V8	Chevy B.B. 454	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	PICKUP (Chev)	1992 - 1996	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	PICKUP (GMC)	1992 - 1996	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	RALLY	1992 - 1995	V8	Chevy B.B. 454	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	RV CUTAWAY	1996 ONLY	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	SPORTVAN	1992 - 1995	V8	Chevy B.B. 454	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	SPORTVAN	1996 ONLY	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	SUBURBAN (CH)	1992 - 1995	V8	Chevy B.B. 454	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	SUBURBAN (CH)	1996 ONLY	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	SUBURBAN (GM)	1992 - 1995	V8	Chevy B.B. 454	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	SUBURBAN (GM)	1996 ONLY	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	VANDURA	1992 - 1995	V8	Chevy B.B. 454	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	CHEVY Express	1997 - 1998	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	CHEVY VAN	1997 - 1998	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	CUTAWAY	1997 - 1998	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	PICKUP (Chev)	1997 - 2000	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	PICKUP (GMC)	1997 - 2000	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	RV CUTAWAY	1997 - 1998	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	SAVANA	1997 - 1999	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	SUBURBAN (CH)	1997 - 1999	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030
7440	7.4L	454	SUBURBAN (GM)	1997 - 1998	V8	Vortec 7400	F.I.	O.H.V.	12523921	SWG80030

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HUMMER, OLDSMOBILE, PONTIAC, SATURN									
12456436	X		107.95	1.98	1.98		4.76		C10, HEAVY DUTY
12456436	X		4.250	0.078	0.078		0.188		C1500, Heavy Duty
12456436	X								
12456436	X								C10, C20, K10, K20, Heavy Duty
12456436	X								C1500, K1500, Heavy Duty
12456436	X								C2500, K2500
10106471	X		107.95	1.98	1.98		4.76		
10106471	X		4.250	0.078	0.078		0.188		C20, C30
10106471	X								C2500, C3500
10106471	X								
10106471	X								
10106471	X		107.95	1.98	1.98		4.76		16 VALVE
10106471	X		4.250	0.078	0.078		0.188		16 VALVE
10106471	X								16 VALVE
10106471	X								16 VALVE
10166822	X		107.95	1.98	1.98		4.76		16 VALVE
10166822	X		4.250	0.078	0.078		0.188		16 VALVE
10166822	X								16 VALVE
10166822	X								16 VALVE
10166822	X								16 VALVE
10166822	X								16 VALVE
10166822	X								16 VALVE
10166822	X								16 VALVE
10166822	X								16 VALVE
10166822	X								16 VALVE
10166822	X								16 VALVE
10166822	X								16 VALVE
10166822	X								16 VALVE
10166822	X								16 VALVE
10166822	X								16 VALVE
10166822	X								16 VALVE
10166822	X								16 VALVE
12555794	X		107.95	1.98	1.98		4.76		16 VALVE
12555794	X		4.250	0.078	0.078		0.188		16 VALVE
12555794	X								16 VALVE
12555794	X								16 VALVE
12555794	X								16 VALVE
12555794	X								16 VALVE
12555794	X								16 VALVE
12555794	X								16 VALVE
12555794	X								16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
HONDA										
995	1.0L	61	INSIGHT	2000 - 2006	3	ECA-MF2	F.I.	S.O.H.C.	13011-PHM-004	NA
1169	1.2L	71	CIVIC	1973 ONLY	4	EB1	CARB	S.O.H.C.	13011-634-004	SWH30107
1237	1.2L	75	CIVIC	1974 - 1978	4	EB2	CARB	S.O.H.C.	13011-642-004	SWH30184
1237	1.2L	75	CIVIC	1978 ONLY	4	EB3	CARB	S.O.H.C.	13011-673-000	SWH30162
1237	1.2L	75	CIVIC	1979 ONLY	4	EB3	CARB	S.O.H.C.	13011-PA1-004	SWH30162
1335	1.3L	81	CIVIC	1980 ONLY	4	EJ1	CARB	S.O.H.C.	13011-PA0-004	SWH30162
1335	1.3L	81	CIVIC	1981 ONLY	4	EJ1	CARB	S.O.H.C.	13011-PA0-004	SWH30162
1335	1.3L	81	CIVIC	1982 - 1983	4	EJ1	CARB	S.O.H.C.	13011-PA5-004	SWH30219
1339	1.3L	82	CIVIC HYBRID	2003 - 2005	4	LDA-MF3	F.I.	S.O.H.C.	13011-PWA-G01	SWH30474
1339	1.3L	82	INSIGHT	2009 - 2012	4	LDA-MF3	F.I.	S.O.H.C.	13011-RBJ-004	NA
1339	1.3L	82	CIVIC HYBRID	2006 - 2012	4	LDA-MF3	F.I.	S.O.H.C.	13011-RMX-001	NA
1342	1.3L	82	CIVIC	1984 - 1987	4	EV1	CARB	S.O.H.C.	13011-PE0-662	SWH30252
1342	1.3L	82	CIVIC	1984 - 1987	4	EV1	CARB	S.O.H.C.	13011-PE0-662	SWH30252
1342	1.3L	82	CRX	1984 - 1987	4	EV1	C & F	S.O.H.C.	13011-PE0-662	SWH30252
1342	1.3L	82	CRX	1984 - 1987	4	EV1	C & F	S.O.H.C.	13011-PE0-662	SWH30252
1342	1.3L	82	CRX	1984 - 1987	4	D13A2	C & F	S.O.H.C.	13011-PE0-662	SWH30252
1342	1.3L	82	CRX	1984 - 1987	4	D13A2	C & F	S.O.H.C.	13011-PE0-662	SWH30252
1488	1.5L	91	CIVIC	1975 - 1978	4	ED3	CARB	S.O.H.C.	13011-657-674	SWH30114
1488	1.5L	91	CIVIC	1979 ONLY	4	ED4	CARB	S.O.H.C.	13011-657-674	SWH30114
1488	1.5L	91	CIVIC	1980 ONLY	4	EM1	CARB	S.O.H.C.	13011-657-674	SWH30114
1488	1.5L	91	CIVIC	1981 - 1983	4	EM1	CARB	S.O.H.C.	13011-657-674	SWH30114
1488	1.5L	91	CIVIC	1982 - 1983	4	EM1	CARB	S.O.H.C.	13011-PE1-004	SWH30253
1488	1.5L	91	CIVIC	1984 - 1987	4	EW1	CARB	S.O.H.C.	13011-PA6-014	SWH30253
1488	1.5L	91	CIVIC	1984 - 1987	4	EW1	CARB	S.O.H.C.	13011-PA6-014	SWH30253
1488	1.5L	91	CRX	1984 - 1987	4	EW1	CARB	S.O.H.C.	13011-PA6-014	SWH30253
1488	1.5L	91	CRX	1984 - 1987	4	EW1	CARB	S.O.H.C.	13011-PA6-014	SWH30253
1488	1.5L	91	CRX	1984 - 1987	4	EW3	CARB	S.O.H.C.	13011-PA6-014	SWH30253
1488	1.5L	91	CRX	1984 - 1987	4	EW3	CARB	S.O.H.C.	13011-PA6-014	SWH30253
1488	1.5L	91	CRX	1984 - 1987	4	D15A2	CARB	S.O.H.C.	13011-PA6-014	SWH30253
1488	1.5L	91	CRX	1984 - 1987	4	D15A2	CARB	S.O.H.C.	13011-PA6-014	SWH30253

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HONDA									
13010-PHM-000	NA		72.00						w/ VTECH-E, 12 VALVE
13101-634-000	DISC. 11-096		70.00	1.50	1.50		2.80		1200
13101-634-670	DISC. 11-097		72.00	1.50	1.50		2.80		1200
13101-634-671	DISC. 11-098		72.00	1.50	1.50		4.00		1200
13101-634-671	DISC. 11-098		72.00	1.50	1.50		4.00		1200
13101-PA0-000	DISC. 11-099		72.00	1.50	1.50		4.00		1300
13101-PA5-000	DISC. 11-100		72.00	1.50	1.50		4.00		1300
13101-PA5-030	DISC. 11-102		72.00	1.00	1.20		2.80		1300
13010-PZA-A00	NA		73.00	1.00	1.20		2.00		w/ VTECH, 8 VALVE
13010-RBJ-000	NA		73.00						w/ i-VTECH, 8 VALVE
13010-RMX-010	NA		73.00						w/ VTECH, 8 VALVE
13101-PE0-660	DISC. 11-109		74.00	1.20	-		2.80		CYL #1,3, 12 VALVE
13105-PE0-660	DISC. 11-109		74.00	1.20	-		2.80		CYL #2,4, 12 VALVE
13101-PE0-660	DISC. 11-109		74.00	1.20	-		2.80		DX CYL #1,3, 12 VALVE
13105-PE0-660	DISC. 11-109		74.00	1.20	-		2.80		DX CYL #2,4, 12 VALVE
13101-PE0-660	DISC. 11-109		74.00	1.20	-		2.80		DX CYL #1,3, 12 VALVE
13105-PE0-660	DISC. 11-109		74.00	1.20	-		2.80		DX CYL #2,4, 12 VALVE
13101-657-670	11-105	299	74.00	1.50	1.50		4.00		CVCC, 12 VALVE
13101-657-030	11-105	299	74.00	1.50	1.50		4.00		CVCC, 12 VALVE
13101-PA6-000	11-106	299	74.00	1.50	1.50		4.00		1500, 12 VALVE
13101-PA6-305	DISC. 11-107		74.00	1.50	1.50		4.00		1500, 12 VALVE
13101-PA6-306	DISC. 11-108		74.00	1.20	1.20		2.80		1500, 12 VALVE
13101-PE1-000	11-111	300	74.00	1.20	1.20		2.80		CYL #1,3, 16 VALVE
13105-PE1-000	11-111	300	74.00	1.20	1.20		2.80		CYL #2,4, 16 VALVE
13101-PE1-000	11-111	300	74.00	1.20	1.20		2.80		Si, DX MODELS CYL #1,3, 16 VALVE
13105-PE1-000	11-111	300	74.00	1.20	1.20		2.80		Si, DX MODELS CYL #2,4, 16 VALVE
13101-PE1-000	11-111	300	74.00	1.20	1.20		2.80		Si, DX MODELS CYL #1,3, 16 VALVE
13105-PE1-000	11-111	300	74.00	1.20	1.20		2.80		Si, DX MODELS CYL #2,4, 16 VALVE
13101-PE1-000	11-111	300	74.00	1.20	1.20		2.80		Si, DX MODELS CYL #1,3, 16 VALVE
13105-PE1-000	11-111	300	74.00	1.20	1.20		2.80		Si, DX MODELS CYL #2,4, 16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
HONDA										
1488	1.5L	91	CIVIC	1985 ONLY	4	EW3	F.I.	S.O.H.C.	04151-PE7-305	SWH30114
1488	1.5L	91	CIVIC	1986 - 1987	4	EW4	F.I.	S.O.H.C.	04151-PE7-305	SWH30114
1488	1.5L	91	CRX	1985 ONLY	4	EW3	F.I.	S.O.H.C.	04151-PE7-305	SWH30114
1488	1.5L	91	CRX	1986 - 1987	4	EW4	F.I.	S.O.H.C.	04151-PE7-305	SWH30114
1488	1.5L	91	CRX	1986 - 1987	4	D15A3	F.I.	S.O.H.C.	04151-PE7-305	SWH30114
1488	1.5L	91	CRX	1985 - 1986	4	EW1	CARB	S.O.H.C.	13011-PE0-004	SWH30374
1488	1.5L	91	CRX	1985 - 1986	4	EW1	CARB	S.O.H.C.	13011-PE0-004	SWH30374
1493	1.5L	91	CIVIC	1988 - 1991	4	D15B1	F.I.	S.O.H.C.	13011-P04-G02	SWH30365
1493	1.5L	91	CIVIC	1988 - 1991	4	D15B2	F.I.	S.O.H.C.	13011-P04-G02	SWH30365
1493	1.5L	91	CRX	1988 - 1991	4	D15B1	F.I.	S.O.H.C.	13011-P04-G02	SWH30365
1493	1.5L	91	CRX	1988 - 1991	4	D15B2	F.I.	S.O.H.C.	13011-P04-G02	SWH30365
1493	1.5L	91	CIVIC	1992 - 1995	4	D15B8	F.I.	S.O.H.C.	13011-P04-G02	SWH30365
1493	1.5L	91	DEL SOL	1992 - 1993	4	D15B8	F.I.	S.O.H.C.	13011-P04-G02	SWH30365
1493	1.5L	91	CIVIC	1992 - 1995	4	D15Z1	F.I.	S.O.H.C.	13011-P07-004	SWH30423
1493	1.5L	91	DEL SOL	1992 - 1993	4	D15Z1	F.I.	S.O.H.C.	13011-P07-004	SWH30423
1493	1.5L	91	CIVIC	1992 - 1995	4	D15B7	F.I.	S.O.H.C.	13011-P10-A03	SWH30362
1493	1.5L	91	DEL SOL	1992 - 1995	4	D15B7	F.I.	S.O.H.C.	13011-P10-A03	SWH30362
1493	1.5L	91	CRX	1989 - 1991	4	D15B6	F.I.	S.O.H.C.	13011-PM8-A02	SWH30363
1496	1.5L	91	CR-Z HYBRID	2010 - 2012	4	LEA	F.I.	S.O.H.C.	-	NA
1496	1.5L	91	FIT	2007 - 2008	4	L15A1	F.I.	S.O.H.C.	13011-PWC-J01	TBA
1496	1.5L	91	FIT	2009 - 2012	4	L15A7	F.I.	S.O.H.C.	13011-RB1-004	NA
1590	1.6L	97	CIVIC	1988 - 1991	4	D16A6	F.I.	S.O.H.C.	13011-PM6-G02	SWH30362
1590	1.6L	97	CRX	1988 - 1991	4	D16A6	F.I.	S.O.H.C.	13011-PM6-G02	SWH30362
1590	1.6L	97	CIVIC	1992 - 1995	4	D16Z6	F.I.	S.O.H.C.	13011-P28-A02	SWH30362
1590	1.6L	97	CIVIC	1992 - 1993	4	D16Z6	F.I.	S.O.H.C.	13011-P28-A02	SWH30362
1590	1.6L	97	DEL SOL	1992 - 1993	4	D16Z6	F.I.	S.O.H.C.	13011-P28-A02	SWH30362
1590	1.6L	97	DEL SOL	1992 - 1995	4	D16Z6	F.I.	S.O.H.C.	13011-P28-A02	SWH30362
1590	1.6L	97	CIVIC	1999 - 2000	4	B16A2	F.I.	D.O.H.C.	13011-PR3-004	SWH30373
1590	1.6L	97	DEL SOL	1994 - 1995	4	B16A3	F.I.	D.O.H.C.	13011-PR3-004	SWH30373
1590	1.6L	97	DEL SOL	1996 - 1997	4	B16A2	F.I.	D.O.H.C.	13011-PR3-004	SWH30373
1590	1.6L	97	CIVIC	1995 - 2000	4	D16Y8	F.I.	S.O.H.C.	13011-P07-004	SWH30423
1590	1.6L	97	DEL SOL	1996 - 1997	4	D16Y8	F.I.	S.O.H.C.	13011-P07-004	SWH30423
1590	1.6L	97	CIVIC	1996 - 2000	4	D16Y7	F.I.	S.O.H.C.	13011-P2F-A01	SWH30423
1590	1.6L	97	DEL SOL	1996 - 1997	4	D16Y7	F.I.	S.O.H.C.	13011-P07-004	SWH30423

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HONDA									
13101-PE7-305	11-515	306	74.00	1.50	1.50		4.00		12 VALVE
13101-PE7-305	11-515	306	74.00	1.50	1.50		4.00		12 VALVE
13101-PE7-305	11-515	306	74.00	1.50	1.50		4.00		12 VALVE
13101-PE7-305	11-515	306	74.00	1.50	1.50		4.00		12 VALVE
13101-PE7-305	11-515	306	74.00	1.50	1.50		4.00		12 VALVE
13101-PE1-720	11-521	307	74.00	1.00	1.20		2.80		HF MODELS CYL #1,3, 12 VALVE
13105-PE1-720	11-521	307	74.00	1.00	1.20		2.80		HF MODELS CYL #2,4, 12 VALVE
13101-PM3-020	11-518	306	75.00	1.20	1.50		2.80		16 VALVE
13101-PM3-020	11-518	306	75.00	1.20	1.50		2.80		16 VALVE
13101-PM3-020	11-518	306	75.00	1.20	1.50		2.80		16 VALVE
13101-PM3-020	11-518	306	75.00	1.20	1.50		2.80		16 VALVE
13010-P03-011	NA		75.00	1.20	1.50		2.80		w/o VTECH, 8 VALVE
13010-P03-011	NA		75.00	1.20	1.50		2.80		w/o VTECH, 8 VALVE
13010-P07-000	11-736	334	75.00	1.00	1.20		2.80		w/ VTECH-E, 16 VALVE
13010-P07-000	11-736	334	75.00	1.00	1.20		2.80		w/ VTECH-E, 16 VALVE
13010-P03-010	DISC. 11-746		75.00	1.20	1.50		2.80		w/o VTECH, 16 VALVE
13010-P03-010	DISC. 11-746		75.00	1.20	1.50		2.80		S MODELS w/o VTECH, 16 VALVE
13101-PM8-A01	NA		75.00	1.00	1.20		2.80		HF MODEL, 8 VALVE
-	NA		73.00						w/ i-VTECH, 16 VALVE
13010-PWC-J01	NA		73.00	1.00	1.20		2.00		including Sport, w/ VTECH, 16 VALVE
13010-RB1-000	NA		73.00						including Sport, w/ I-VTECH, 16 VALVE
13101-PM6-020	11-514	306	75.00	1.20	1.50		2.80		16 VALVE
13101-PM6-020	11-514	306	75.00	1.20	1.50		2.80		Si MODELS, 16 VALVE
13010-P28-A01	11-679	324	75.00	1.20	1.50		2.80		w/ VTECH, 16 VALVE
13010-P28-A01	11-679	324	75.00	1.20	1.50		2.80		w/o VTECH, 16 VALVE
13010-P28-A01	11-679	324	75.00	1.20	1.50		2.80		w/o VTECH, 16 VALVE
13010-P28-A01	11-679	324	75.00	1.20	1.50		2.80		Si MODELS, w/ VTECH, 16 VALVE
13010-P30-G00	11-737	334	81.00	1.00	1.20		2.80		Si, 16 VALVE
13010-P30-G00	11-737	334	81.00	1.00	1.20		2.80		w/ VTECH, 16 VALVE
13010-P30-G00	11-737	334	81.00	1.00	1.20		2.80		w/ VTECH, 16 VALVE
13010-P2P-000	11-732	333	75.00	1.00	1.20		2.80		EX , w/ VTECH, 16 VALVE
13010-P2P-000	11-732	333	75.00	1.00	1.20		2.80		Si MODELS, 16 VALVE
13010-P2E-000	11-752	337	75.00	1.00	1.20		2.80		CX, DX, LX, 16 VALVE
13010-P2E-000	11-752	337	75.00	1.00	1.20		2.80		S MODELS, 16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
HONDA										
1590	1.6L	97	CIVIC	1996 - 2000	4	D16Y5	F.I.	S.O.H.C.	13011-P07-004	SWH30423
1597	1.6L	97	ACCORD	1976 - 1978	4	EF1	CARB	S.O.H.C.	13011-671-010	SWH30114
1668	1.7L	102	CIVIC	2001 - 2005	4	D17A1	F.I.	S.O.H.C.	13011-PLM-A00	SWH30440
1668	1.7L	102	CIVIC	2001 - 2005	4	D17A7	F.I.	S.O.H.C.	13011-PLR-A00	SWH30440
1668	1.7L	102	CIVIC	2001 - 2005	4	D17A8	F.I.	S.O.H.C.	13011-PLR-A00	SWH30440
1751	1.8L	107	ACCORD	1979 - 1980	4	EK1	CARB	S.O.H.C.	13011-676-604	SWH30158
1751	1.8L	107	ACCORD	1981 - 1983	4	EK1	CARB	S.O.H.C.	13011-676-604	SWH30158
1751	1.8L	107	PRELUDE	1979 - 1982	4	EK1	CARB	S.O.H.C.	13011-676-604	SWH30158
1799	1.8L	110	CIVIC	2006 - 2012	4	R18A1	F.I.	S.O.H.C.	13011-RNB-A02	SWH30484
1829	1.8L	112	PRELUDE	1983 ONLY	4	ES1	CARB	S.O.H.C.	13011-PC6-004	SWH30251
1829	1.8L	112	ACCORD	1985 ONLY	4	ES3	F.I.	S.O.H.C.	13011-PH2-003	SWH30251
1829	1.8L	112	ACCORD	1984 - 1985	4	ES2	CARB	S.O.H.C.	13011-PH2-003	SWH30251
1829	1.8L	112	PRELUDE	1984 - 1987	4	ET2	CARB	S.O.H.C.	13011-PC6-004	SWH30251
1829	1.8L	112	PRELUDE	1986 - 1987	4	A18A1	CARB	S.O.H.C.	13011-PH2-003	SWH30251
1955	2.0L	119	ACCORD	1987 - 1989	4	A20A3	F.I.	S.O.H.C.	13011-PH4-004	SWH30366
1955	2.0L	119	PRELUDE	1986 - 1987	4	BT	F.I.	S.O.H.C.	13011-PH4-004	SWH30366
1955	2.0L	119	PRELUDE	1986 - 1987	4	A20A3	F.I.	S.O.H.C.	13011-PH4-004	SWH30366
1955	2.0L	119	ACCORD	1986 ONLY	4	BT	F.I.	S.O.H.C.	13011-PH4-004	SWH30366
1955	2.0L	119	ACCORD	1986 ONLY	4	BS	CARB	S.O.H.C.	13011-PH4-004	SWH30366
1955	2.0L	119	ACCORD	1987 - 1989	4	A20A1	CARB	S.O.H.C.	13011-PH4-004	SWH30366
1958	2.0L	119	PRELUDE	1988 - 1991	4	B20A3	CARB	S.O.H.C.	13011-PK1-751	SWH30375
1958	2.0L	119	PRELUDE	1988 - 1991	4	B20A5	F.I.	D.O.H.C.	13011-PK1-751	SWH30375
1972	2.0L	120	CR-V	1997 - 1998	4	B20B4	F.I.	D.O.H.C.	13011-P3F-003	SWH30437
1972	2.0L	120	CR-V	1999 ONLY	4	B20Z2	F.I.	D.O.H.C.	13011-P3F-003	SWH30437
1972	2.0L	120	CR-V	2000 - 2002	4	B20Z2	F.I.	D.O.H.C.	13011-PHK-003	SWH30437
1997	2.0L	122	S2000	2000 - 2003	4	F20C1	F.I.	D.O.H.C.	13011-PCX-004	NA
1998	2.0L	122	CIVIC	2002 - 2005	4	K20A1, 3	F.I.	D.O.H.C.	13011-PNE-G02	SWH30454
1998	2.0L	122	CIVIC	2006 - 2011	4	K20Z3	F.I.	D.O.H.C.	13011-PRA-E02	SWH30454
2056	2.1L	125	PRELUDE	1990 - 1991	4	B21A1	F.I.	D.O.H.C.	13011-PK3-A04	SWH30448

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
13101-P2M-000	11-785	343	75.00	1.00	1.20		2.80		HX , w/ VTECH-E, 16 VALVE
13101-689-000	DISC. 11-113		74.00	1.50	1.50		4.00		12 VALVE
13101-PLM-A00	11-797	345	75.00	1.00	1.20		2.00		DX, LX
13101-PLR-A00	11-798	345	75.00	1.00	1.20		2.00		HX, w/ VTECH-E
13101-PLR-A00	11-798	345	75.00	1.00	1.20		2.00		EX , w/ VTECH,
13101-689-010	11-116	300	77.00	1.50	1.50		4.00		12 VALVE
061A3-PC2-010	11-116	300	77.00	1.50	1.50		4.00		12 VALVE
13101-689-010	11-116	300	77.00	1.50	1.50		4.00		12 VALVE
13101-RNA-A00	NA		81.00	1.20	1.20		2.00		w/ i-VTECH, 16 VALVE
13101-PC6-020	DISC. 11-120		80.00	1.50	1.50		4.00		12 VALVE
13102-PD6-010	DISC. 11-121		80.00	1.50	1.50		4.00		16 VALVE
13101-PD2-030	DISC. 11-121		80.00	1.50	1.50		4.00		16 VALVE
13101-PC7-661	11-122	300	80.00	1.50	1.50		4.00		12 VALVE
13101-PC7-661	11-122	300	80.00	1.50	1.50		4.00		12 VALVE
13102-PJ0-307, 8	11-519	306	82.70	1.50	1.50		4.00		12 VALVE
13102-PJ0-307	11-519	306	82.70	1.50	1.50		4.00		12 VALVE
13102-PJ0-307	11-519	306	82.70	1.50	1.50		4.00		12 VALVE
13102-PJ0-010	11-519	306	82.70	1.50	1.50		4.00		12 VALVE
13102-PH4-010	11-520	307	82.70	1.50	1.50		4.00		12 VALVE
13102-PH4-010	11-520	307	82.70	1.50	1.50		4.00		12 VALVE
13101-PK1-010	11-524	307	81.00	1.20	1.50		2.80		12 VALVE
13101-PK2-660	11-525	307	81.00	1.20	1.50		2.80		16 VALVE
13101-P3F-000	11-738	335	84.00	1.20	1.20		2.80		16 VALVE
13101-PHK-000	11-799	345	84.00	1.20	1.20		2.80		16 VALVE
13101-PHK-000	11-799	345	84.00	1.20	1.20		2.80		16 VALVE
13101-PCX-A03	NA		87.00	1.20	1.20		2.00		w/ VTECH, 16 VALVE
13101-PNC-000	11-866	359	86.00	1.20	1.20		2.00		Si, w/ i-VTECH, 16 VALVE
13101-PRB-A01	11-882	363	86.00	1.20	1.20		2.00		Si, w/ i-VTECH, 16 VALVE
13101-PK3-A01	11-726	332	83.00	1.20	1.20		2.80		16 VALVE

HONDA

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
HONDA										
2156	2.2L	132	PRELUDE	1992 - 1996	4	F22A1	F.I.	S.O.H.C.	13011-P0A-004	SWH30383
2156	2.2L	132	ACCORD	1990 - 1993	4	F22A1	F.I.	S.O.H.C.	13011-P0A-A04	SWH30383
2156	2.2L	132	ACCORD	1990 - 1991	4	F22A4	F.I.	S.O.H.C.	13011-P0A-A04	SWH30383
2156	2.2L	132	ACCORD	1990 - 1993	4	F22A6	F.I.	S.O.H.C.	13011-P0A-A04	SWH30383
2156	2.2L	132	ACCORD	1994 - 1997	4	F22B1	F.I.	S.O.H.C.	13011-P0A-004	SWH30383
2156	2.2L	132	ACCORD	1994 - 1997	4	F22B2	F.I.	S.O.H.C.	13011-P0A-004	SWH30383
2156	2.2L	132	ODYSSEY	1994 - 1997	4	F22B6	F.I.	S.O.H.C.	13011-P0A-004	SWH30383
2157	2.2L	132	PRELUDE	1992 - 1998	4	H22A1	F.I.	D.O.H.C.	13011-P13-004	SWH30433
2157	2.2L	132	PRELUDE	1997 - 2002	4	H22A4	F.I.	D.O.H.C.	13011-P5M-003	SWH30433*
2157	2.2L	132	S2000	2004 - 2006	4	F22C1	F.I.	D.O.H.C.	13011-PCX-014	NA
2157	2.2L	132	S2000	2007 - 2009	4	F22C1	F.I.	D.O.H.C.	13011-PCX-024	NA
2253	2.3L	137	ODYSSEY	1998 ONLY	4	F23A7	F.I.	S.O.H.C.	13011-PEA-004	SWH30443
2254	2.3L	138	ACCORD	1998 - 2002	4	F23A1	F.I.	S.O.H.C.	13011-P8A-A01	SWH30443
2254	2.3L	138	ACCORD	1998 - 2002	4	F23A4	F.I.	S.O.H.C.	13011-P8A-A01	SWH30443
2254	2.3L	138	ACCORD	1998 - 2002	4	F23A5	F.I.	S.O.H.C.	13011-P8A-A01	SWH30443
2259	2.3L	138	PRELUDE	1992 - 1996	4	H23A1	F.I.	D.O.H.C.	13011-P13-004	SWH30433
2354	2.4L	144	CR-V	2003 - 2006	4	K24A3	F.I.	D.O.H.C.	13011-RAA-A01	SWH30466
2354	2.4L	144	CR-V	2007 - 2009	4	K24Z1	F.I.	D.O.H.C.	13011-RZA-004	SWH30466
2354	2.4L	144	ACCORD	2003 - 2007	4	K24A2, 3, 4	F.I.	D.O.H.C.	13011-RAA-A01	SWH30466
2354	2.4L	144	ELEMENT	2003 - 2006	4	K24A3	F.I.	D.O.H.C.	13010-RAA-A00	SWH30466
2354	2.4L	144	ELEMENT	2007 - 2010	4	K24A8	F.I.	D.O.H.C.	13011-PZD-004	SWH30466
2354	2.4L	144	ACCORD	2008 - 2012	4	K24Z2, 3	F.I.	D.O.H.C.	13021-R44-A01	NA
2354	2.4L	144	CR-V	2010 - 2012	4	K24Z6	F.I.	D.O.H.C.	13021-R44-A01	NA
2354	2.4L	144	CIVIC	2011 - 2012	4	K24Z7	F.I.	D.O.H.C.	13021-R44-A01	NA
2559	2.6L	156	PASSPORT	1994 - 1997	4	4ZE1	F.I.	S.O.H.C.	8-97037-801-1	SWI10162
2675	2.7L	163	ACCORD	1995 - 1997	V6	C27A4	F.I.	S.O.H.C.	13011-P0G-A02	SWH30370
2997	3.0L	183	ACCORD	1998 - 2002	V6	J30A1	F.I.	S.O.H.C.	13011-P8A-A01	SWH30432
2997	3.0L	183	ACCORD	2003 - 2007	V6	J30A4, 5	F.I.	S.O.H.C.	13011-RCA-A01	SWH30432
2997	3.0L	183	ACCORD HYBRID	2005 - 2007	V6	JNA1	F.I.	S.O.H.C.	13011-RCA-A01	SWH30432

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HONDA									
13010-P12-000	NA		85.00	1.20	1.20		2.80		S MODELS, 16 VALVE
13101-PT3-A01	11-678	324	85.00	1.20	1.20		2.80		DX, LX, 16 VALVE
13101-PT3-A01	11-678	324	85.00	1.20	1.20		2.80		EX, 16 VALVE
13101-PT6-A00	11-678	324	85.00	1.20	1.20		2.80		EX, SE, 16 VALVE
13010-P0A-010	11-751	337	85.00	1.20	1.20		2.80		EX, w/ VTECH, 16 VALVE
13010-P0A-010	11-751	337	85.00	1.20	1.20		2.80		DX, LX, 16 VALVE
13010-P0A-010	11-751	337	85.00	1.20	1.20		2.80		16 VALVE
13010-P13-A00	11-739	335	87.00	1.20	1.20		2.80		w/ VTECH, 16 VALVE
13010-P5M-A00	11-741	335	87.00	1.20	1.20		2.80		S, SH, w/ VTECH, 16 VALVE
13010-PCX-A03	NA		87.00	1.20	1.20		2.00		w/ VTECH, 16 VALVE
13010-PZX-A00	NA		87.00	1.20	1.20		2.00		w/ VTECH, 16 VALVE
13010-PEA-000	NA		86.00	1.20	1.20		2.80		16 VALVE
13010-PAA-A00	11-781	343	86.00	1.20	1.20		2.80		LX, w/ VTECH, 16 VALVE
13010-PAA-A00	11-781	343	86.00	1.20	1.20		2.80		EX, w/ VTECH, 16 VALVE
13010-PAB-A00	DISC. 11-784		86.00	1.20	1.20		2.80		DX, SEDAN, 16 VALVES
13010-P14-A00	11-740	335	87.00	1.20	1.20		2.80		Si MODELS, 16 VALVE
13010-PPA-000	11-833	352	87.00	1.20	1.20		2.00		LX, EX, 16 VALVE
13010-PPA-010	11-833	352	87.00	1.20	1.20		2.00		LX, EX, 16 VALVE
13010-RAA-A00	11-834	352	87.00	1.20	1.20		2.00		w/ i-VTECH, 16 VALVE
13010-RAA-A00	11-834	352	87.00	1.20	1.20		2.00		w/ i-VTECH, 16 VALVE
13010-RAA-A01	11-834	352	87.00	1.20	1.20		2.00		w/ i-VTECH, 16 VALVE
13010-R40-A00	NA		87.00	1.20	1.20		2.00		w/ i-VTECH, 16 VALVE
13010-R40-A00	NA		87.00	1.20	1.20		2.00		LX, EX, 16 VALVE
-	NA		87.00	1.20	1.20		2.00		Si, 16 VALVE
8-97037-801-1	11-559	311	92.60	1.50	1.50		4.00		8 VALVE
13010-P0G-A00	DISC. 11-783		87.00	1.20	1.20		4.00		EX, LX, 24 VALVE
13010-P8A-A00	11-791	344	86.00	1.20	1.20		2.80		EX, LX, w/ VTECH, 24 VALVE
13010-RCA-A00	11-832	351	86.00	1.20	1.20		2.80		EX, LX, w/ i-VTECH, 24 VALVE
13010-RCA-A00	11-832	351	86.00	1.20	1.20		2.80		w/ i-VTECH, 24 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
HONDA										
3165	3.2L	193	PASSPORT	1994 - 2002	V6	6VD1	F.I.	S.O.H.C.	8-97162-198-0	SWH10185
3471	3.5L	212	ODYSSEY	1999 - 2002	V6	J35A1	F.I.	S.O.H.C.	13011-P8F-A01	SWH30438
3471	3.5L	212	ODYSSEY	2003 - 2004	V6	J35A4	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3471	3.5L	212	ODYSSEY	2005 - 2010	V6	J35A6	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3471	3.5L	212	ODYSSEY	2005 - 2007	V6	J35A7	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3471	3.5L	212	PILOT	2002 - 2005	V6	J35A1	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3471	3.5L	212	PILOT	2005 - 2008	V6	J35A6, 9	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3471	3.5L	212	PILOT	2006 - 2008	V6	J35Z1	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3471	3.5L	212	RIDGELINE	2006 - 2008	V6	J35A9	F.I.	S.O.H.C.	13011-PGE-A01	SWH30438
3471	3.5L	212	ACCORD	2008 - 2012	V6	J35Z2, 3	F.I.	S.O.H.C.	13011-R70-A02	SWH30438
3471	3.5L	212	ACCORD CROSSTOUR	2010 - 2012	V6	J35Z2, 3	F.I.	S.O.H.C.	13011-R70-A02	SWH30438
3471	3.5L	212	ODYSSEY	2008 - 2012	V6	J35A7	F.I.	S.O.H.C.	13011-R70-A02	SWH30438
3471	3.5L	212	PILOT	2009 - 2012	V6	J35Z4	F.I.	S.O.H.C.	13011-R70-A02	SWH30438
3471	3.5L	212	RIDGELINE	2009 - 2012	V6	J35Z5	F.I.	S.O.H.C.	13011-R70-A02	SWH30438
HONDA - END										

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
HYUNDAI										
1468	1.5L	90	EXCEL	1986 - 1989	4	G4DJ	CARB	S.O.H.C.	23040-21210	SWG30015
1468	1.5L	90	EXCEL	1990 - 1995	4	G4DJ	F.I.	S.O.H.C.	23040-24200	SWG30015
1468	1.5L	90	SCOUPE	1990 - 1993	4	ALPHA G4DJ	F.I.	S.O.H.C.	23040-24200	SWG30015
1468	1.5L	90	SCOUPE	1993 - 1995	4	ALPHA G4AE	F.I.	S.O.H.C.	23040-22010	SWG30017
1468	1.5L	90	ACCENT	1995 - 1999	4	ALPHA G4AE	F.I.	S.O.H.C.	23040-22010	SWG30017
1468	1.5L	90	SCOUPE	1993 - 1995	4	ALPHA G4AE	F.I.	S.O.H.C.	23040-22010	SWG30017
1468	1.5L	90	SCOUPE	1993 - 1995	4	ALPHA G4AE	F.I.	S.O.H.C.	23040-22010	SWG30017
1468	1.5L	90	SCOUPE	1993 - 1995	4	ALPHA G4AE	F.I.	S.O.H.C.	23040-22010	SWG30017
1468	1.5L	90	ACCENT	1996 - 1997	4	ALPHA G4EK	F.I.	D.O.H.C.	23040-26001	SWG30019
1468	1.5L	90	ACCENT	2000 - 2003	4	ALPHA G4EB	F.I.	S.O.H.C.	23040-22601	SWG30017
1595	1.6L	97	ELANTRA	1992 - 1995	4	SIRIUS G4CR	F.I.	D.O.H.C.	23040-33030	SWM31049
1599	1.6L	98	ACCENT	2001 - 2005	4	ALPHA G4ED	F.I.	D.O.H.C.	23040-26101	SWG30030
1599	1.6L	98	ACCENT	2006 - 2012	4	ALPHA II G4ED	F.I.	D.O.H.C.	23040-26160	SWG30034
1796	1.8L	110	TIBURON	1996 - 1998	4	G4GB	F.I.	D.O.H.C.	23040-23000	SWG30028
1797	1.8L	110	ELANTRA	2011 - 2012	4	Nu 1.8L	F.I.	D.O.H.C.	-	NA
1836	1.8L	112	ELANTRA	1993 - 1998	4	G4JN	F.I.	D.O.H.C.	23040-33430	SWM31058
1975	2.0L	121	ELANTRA	2001 - 2005	4	BETA G4GF	F.I.	D.O.H.C.	23040-23200	SWG30028
1975	2.0L	121	TIBURON	2002 - 2008	4	BETA G4GF	F.I.	D.O.H.C.	23040-23200	SWG30028
1975	2.0L	121	ELANTRA	1999 - 2000	4	BETA G4GF	F.I.	D.O.H.C.	23040-23200	SWG30028
1975	2.0L	121	TIBURON	1996 - 2001	4	BETA G4GF	F.I.	D.O.H.C.	23040-23200	SWG30028
1975	2.0L	121	TUCSON	2004 ONLY	4	BETA II G4GF	F.I.	D.O.H.C.	23040-23200	SWG30028
1975	2.0L	121	TUCSON	2005 - 2007	4	BETA II G4GF	F.I.	D.O.H.C.	23040-23300	SWG30028
1975	2.0L	121	TUCSON	2008 - 2009	4	BETA II G4GF	F.I.	D.O.H.C.	23040-23400	SWG30028
1975	2.0L	121	ELANTRA	2006 - 2010	4	BETA II G4JP	F.I.	D.O.H.C.	23040-23300	SWG30028
1975	2.0L	121	ELANTRA TOURING	2009 - 2012	4	BETA II G4JP	F.I.	D.O.H.C.	23040-23200	SWG30028
1998	2.0L	122	GENESIS COUPE	2010 - 2012	4	THETA 2.0L	F.I.	D.O.H.C.	23040-2C400	SWG30042
1998	2.0L	122	SONATA	2011 - 2012	4	THETA 2.0L	F.I.	D.O.H.C.	23040-2C400	SWG30042
2350	2.4L	143	SONATA	1989 - 1991	4	G4JS	F.I.	S.O.H.C.	23040-32610	SWM31037
2350	2.4L	143	SONATA	1992 - 1998	4	G4CP	F.I.	D.O.H.C.	23040-33150	SWM31071

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
23410-21114	11-529	308	75.50	1.50	1.50		4.00		12 VALVE
23410-24110	11-530	308	75.50	1.50	1.50		4.00		8 VALVE
23410-24110	11-530	308	75.50	1.50	1.50		4.00		8 VALVE
23410-22010	NA		75.50	1.50	1.50		3.00		12 VALVE
23410-22410	11-691	326	75.50	1.50	1.50		3.00		12 VALVE
23410-22410	11-691	326	75.50	1.50	1.50		3.00		12 VALVE
23410-22160	11-742	336	75.50	1.50	1.50		3.00		w/TURBO, 12 VALVE
23410-22110	11-742	336	75.50	1.50	1.50		3.00		w/TURBO, 12 VALVE
23410-26012	11-730	333	75.50	1.20	1.50		3.00		16 VALVE
23410-22612	11-837	353	75.50	1.50	1.50		3.00		12 VALVE
23410-33010	11-729	332	82.30	1.20	1.50		3.00		mitsubishi Engine, 16 VALVE
23410-26121	DISC. 11-819		76.50	1.20	1.20		2.50		16 VALVE
23410-26501	NA		76.50	1.20	1.20		2.00		16 VALVE
23410-23010	11-693	327	82.00	1.20	1.20		2.50		16 VALVE
-	NA		81.00						16 VALVE
23410-33410	11-690	326	81.50	1.20	1.50		3.00		16 VALVE
23410-23711	11-838	353	82.00	1.20	1.20		2.50		16 VALVE
23410-23711	11-838	353	82.00	1.20	1.20		2.50		FX MODELS, 16 VALVE
23410-23210	NA		82.00	1.20	1.20		2.50		16 VALVE
23410-23210	NA		82.00	1.20	1.20		2.50		16 VALVE
23410-23300	NA		82.00	1.20	1.20		2.50		16 VALVE
23410-23300	NA		82.00	1.20	1.20		2.50		16 VALVE
23410-23300	NA		82.00	1.20	1.20		2.50		16 VALVE
23410-23310	NA		82.00	1.20	1.20		2.50		16 VALVE
23410-23310	NA		82.00	1.20	1.20		2.50		16 VALVE
23410-2C400	NA		86.00	1.20	1.20		2.00		w/ TURBO, 16 VALVE
23410-2C400	NA		86.00	1.20	1.20		2.00		w/ TURBO, 16 VALVE
23410-32610	11-538	309	86.50	1.50	1.50		4.00		mitsubishi Engine, 12 VALVE
23410-33110	11-692	326	85.00	1.20	1.50		3.00		mitsubishi Engine, 16 VALVE

HYUNDAI

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
HYUNDAI										
2350	2.4L	143	SANTA FE	2001 - 2004	4	SIRIUS II G4JS	F.I.	D.O.H.C.	23040-38200	SWG30047
2350	2.4L	143	SONATA	1999 - 2005	4	SIRIUS II G4JS	F.I.	D.O.H.C.	23040-38200	SWG30047
2359	2.4L	144	SANTA FE	2010 - 2012	4	THETA II 2.4L	F.I.	D.O.H.C.	23040-25200	SWG30041
2359	2.4L	144	SONATA	2006 - 2012	4	THETA II G4KC	F.I.	D.O.H.C.	23040-25200	SWG30041
2359	2.4L	144	TUCSON	2011 - 2012	4	THETA II 2.4L	F.I.	D.O.H.C.	23040-25200	SWG30041
2493	2.5L	152	SONATA	1999 - 2002	V6	DELTA G6BV	F.I.	D.O.H.C.	23040-37200	NA
2656	2.7L	162	SANTA FE	2001 - 2005	V6	DELTA G6BA	F.I.	D.O.H.C.	23040-37300	SWG30037
2656	2.7L	162	SONATA	2003 - 2005	V6	DELTA G6BA	F.I.	D.O.H.C.	23040-37300	SWG30037
2656	2.7L	162	TIBURON	2003 - 2006	V6	DELTA G6BA	F.I.	D.O.H.C.	23040-37300	SWG30037
2656	2.7L	162	TUCSON	2004 - 2006	V6	DELTA G6BA	F.I.	D.O.H.C.	23040-37300	SWG30037
2656	2.7L	162	SANTA FE	2006 - 2009	V6	DELTA II G6BA	F.I.	D.O.H.C.	23040-3E001	SWG30045
2656	2.7L	162	TIBURON	2007 - 2008	V6	DELTA II G6BA	F.I.	D.O.H.C.	23040-3E001	SWG30045
2656	2.7L	162	TUCSON	2007 - 2010	V6	DELTA II G6BA	F.I.	D.O.H.C.	23040-3E001	SWG30045
2792	2.8L	170	SONATA	1990 - 1995	V6	G6AT	F.I.	S.O.H.C.	23040-35010	SWM31080
2792	2.8L	170	SONATA	1990 - 1995	V6	G6AT	F.I.	S.O.H.C.	23040-35010	SWM31080
2792	2.8L	170	SONATA	1996 - 1998	V6	G6AT	F.I.	S.O.H.C.	23040-35500	SWM31080
2792	2.8L	170	SONATA	1996 - 1998	V6	G6AT	F.I.	S.O.H.C.	23040-35500	SWM31080
2972	3.0L	181	XG300	2001 - 2002	V6	G6CT	F.I.	D.O.H.C.	23040-35520	NA
3000	3.0L	183	HELLION	2012 - 2013	V6	KJ 3.0L	DIESEL		-	NA
3342	3.3L	204	SANTA FE	2007 - 2009	V6	LAMBDA G6DB	F.I.	D.O.H.C.	23040-3C150	TBA
3342	3.3L	204	SONATA	2006 - 2010	V6	LAMBDA G6DB	F.I.	D.O.H.C.	23040-3C150	TBA
3342	3.3L	204	AZERA	2007 - 2012	V6	LAMBDA G6DB	F.I.	D.O.H.C.	23040-3C100	NA
3467	3.5L	212	XG350	2002 - 2006	V6	SIGMA G6CU	F.I.	D.O.H.C.	23040-39800	SWM31121
3467	3.5L	212	SANTA FE	2003 - 2006	V6	SIGMA G6AU	F.I.	D.O.H.C.	23040-39800	SWM31121
3470	3.5L	212	SANTA FE	2010 - 2012	V6	LAMBDA 3500	F.I.	D.O.H.C.	23040-3CAA0	NA
3778	3.8L	231	AZERA	2006 - 2012	V6	LAMBDA RS 3800	F.I.	D.O.H.C.	23040-3C200	NA
3778	3.8L	231	ENTOURAGE	2007 - 2012	V6	LAMBDA RS 3800	F.I.	D.O.H.C.	23040-3C200	NA
3778	3.8L	231	GENESIS	2009 - 2012	V6	LAMBDA RS 3800	F.I.	D.O.H.C.	23040-3C200	NA
3778	3.8L	231	GENESIS COUPE	2010 - 2012	V6	LAMBDA RS 3800	F.I.	D.O.H.C.	23040-3C200	NA
3778	3.8L	231	VERACRUZ	2007 - 2012	V6	LAMBDA RS 3800	F.I.	D.O.H.C.	23040-3C200	NA
4627	4.6L	282	EQUUS	2011 - 2012	V8	TAU 4.6L	F.I.	D.O.H.C.	23040-3F300	NA
4627	4.6L	282	GENESIS	2009 - 2012	V8	TAU 4.6L	F.I.	D.O.H.C.	23040-3F300	NA
HYUNDAI - END										

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
HYUNDAI									
23411-38200	11-772	341	86.50	1.20	1.50		2.80		16 VALVE
23411-38200	11-772	341	86.50	1.20	1.50		2.80		16 VALVE
23410-2G200	NA		88.00	1.20	1.20		2.00		16 VALVE
23410-25211	NA		88.00	1.20	1.20		2.00		16 VALVE
23410-25211	NA		88.00	1.20	1.20		2.00		16 VALVE
23410-37210	11-771	340	84.00	1.20	1.20		2.50		24 VALVE
23410-37310	11-862	358	86.70	1.20	1.20		2.50		24 VALVE
23410-37310	11-862	358	86.70	1.20	1.20		2.50		24 VALVE
23410-37310	11-862	358	86.70	1.20	1.20		2.50		24 VALVE
23410-37307	11-862	358	86.70	1.20	1.20		2.50		24 VALVE
23410-3E001	NA		86.70	1.20	1.20		2.00		24 VALVE
23410-3E001	NA		86.70	1.20	1.20		2.00		24 VALVE
23410-3E001	NA		86.70	1.20	1.20		2.00		24 VALVE
23410-35114	11-549	310	91.10	1.50	1.50		4.00		MITSUBISHI Engine, RIGHT, 12 VALVE
23410-35144	11-549	310	91.10	1.50	1.50		4.00		MITSUBISHI Engine, LEFT, 12 VALVE
23410-35214	11-549	310	91.10	1.50	1.50		4.00		MITSUBISHI Engine, RIGHT, 12 VALVE
23410-35244	11-549	310	91.10	1.50	1.50		4.00		MITSUBISHI Engine, LEFT, 12 VALVE
23411-39010	NA		91.10						24 VALVE
-	NA								
23041-3C151	NA		92.00						24 VALVE
23041-3C151	NA		92.00						24 VALVE
23041-3C611	NA		92.00						GLS, 24 VALVE
23411-39510	NA*		93.00	1.50	1.50		3.00		24 VALVE
23400-39810	NA		93.00	1.50	1.50		3.00		24 VALVE
23041-3CAA1	NA		92.00						24 VALVE
23041-3C602	NA		96.00						LIMITED, 24 VALVE
23041-3C602	NA		96.00						24 VALVE
23041-3C602	NA		96.00						24 VALVE
23041-3C700	NA		96.00						24 VALVE
23041-3C601	NA		96.00						24 VALVE
23041-3F301	NA		92.00						32 VALVE
23041-3F301	NA		92.00						32 VALVE

HYUNDAI - END

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
INFINITI										
1998	2.0L	122	G20	2002 ONLY	4	SR20DE	F.I.	D.O.H.C.	12033-2J210	SWN30123
1998	2.0L	122	G20	2000 - 2001	4	SR20DE	F.I.	D.O.H.C.	12033-4M802	SWN30123
1998	2.0L	122	G20	1990 - 1996	4	SR20DE	F.I.	D.O.H.C.	12033-53J01	SWN30102
1998	2.0L	122	G20	1999 ONLY	4	SR20DE	F.I.	D.O.H.C.	12033-53J01	SWN30102
2496	2.5L	152	G25	2011 - 2012	V6	VQ25VHR	F.I.	D.O.H.C.	-	NA
2960	3.0L	181	M30	1990 - 1992	V6	VG30E	F.I.	S.O.H.C.	12033-21V01	SWN30058
2960	3.0L	181	J30	1993 - 1997	V6	VG30DE	F.I.	D.O.H.C.	12033-F6511	SWN30094
2987	3.0L	182	I30	1996 - 1999	V6	VQ30DE	F.I.	D.O.H.C.	12033-2Y903	SWN30115
2987	3.0L	182	I30	2000 ONLY	V6	VQ30DE	F.I.	D.O.H.C.	12033-2Y900	SWN30115
2987	3.0L	182	I30	2001 ONLY	V6	VQ30DE	F.I.	D.O.H.C.	12033-2Y900	SWN30115
3272	3.3L	200	QX4	1996 - 2000	V6	VG33E	F.I.	S.O.H.C.	12033-0W000	SWN30120
3498	3.5L	213	FX35	2003 - 2008	V6	VQ35DE	F.I.	D.O.H.C.	12033-4W001	SWN30131
3498	3.5L	213	G35	2002 - 2007	V6	VQ35DE	F.I.	D.O.H.C.	12033-4W001	SWN30131
3498	3.5L	213	QX4	2001 - 2003	V6	VQ35DE	F.I.	D.O.H.C.	12033-4W001	SWN30131
3498	3.5L	213	I35	2002 - 2004	V6	VQ35DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3498	3.5L	213	M35	2005 - 2008	V8	VQ35DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3498	3.5L	213	G35	2007 - 2008	V6	VQ35HR	F.I.	D.O.H.C.	12033-JK20B	SWN30191
3498	3.5L	213	EX35	2009 - 2012	V6	VQ35HR	F.I.	D.O.H.C.	12033-JK20B	SWN30191
3498	3.5L	213	FX35	2009 - 2012	V6	VQ35HR	F.I.	D.O.H.C.	12033-JK20B	SWN30191
3498	3.5L	213	M35	2009 - 2010	V8	VQ35HR	F.I.	D.O.H.C.	12033-JK20B	SWN30191
3698	3.7L	226	EX37	2008 - 2012	V6	VQ37VHR	F.I.	D.O.H.C.	12033-JK20A	SWN30191
3698	3.7L	226	G37	2008 - 2012	V6	VQ37VHR	F.I.	D.O.H.C.	12033-JK20A	SWN30191
3698	3.7L	226	M37	2011 - 2012	V6	VQ37VHR	F.I.	D.O.H.C.	12033-JK20A	SWN30191
4494	4.5L	274	Q45	1990 - 1996	V8	VH45DE	F.I.	D.O.H.C.	12033-60U02	SWN30117
4494	4.5L	274	Q45	1997 - 2001	V8	VH45DE	F.I.	D.O.H.C.	12033-60U10	SWN30117
4494	4.5L	274	FX45	2003 - 2008	V8	VK45DE	F.I.	D.O.H.C.	12033-AR210	NA
4494	4.5L	274	M45	2003 - 2006	V8	VK45DE	F.I.	D.O.H.C.	12033-AR210	NA
4494	4.5L	274	Q45	2003 - 2006	V8	VK45DE	F.I.	D.O.H.C.	12033-AR210	NA
4494	4.5L	274	M45	2007 - 2010	V8	VK45DE	F.I.	D.O.H.C.	12033-AR211	NA
5026	5.0L	307	FX50	2009 - 2012	V8	VK50VE	F.I.	D.O.H.C.	12033-1CA0A	NA

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
A2010-4M862	NA		86.00	1.20	1.20		2.50		16 VALVE
A2010-4M862	NA		86.00	1.20	1.20		2.50		16 VALVE
A2010-63J00	11-602	315	86.00	1.50	1.50		3.00		16 VALVE
A3020-63J00	11-602	315	86.00	1.50	1.50		3.00		16 VALVE
-	NA		85.00						24 VALVE
12010-21P61	11-603	315	87.00	1.50	1.50		2.80		12 VALVE
A2010-30P00	11-727	332	87.00	1.50	1.50		2.80		24 VALVE
A2010-39U00	11-734	334	93.00	1.20	1.20		2.50		24 VALVE
A2010-2Y900	11-800	346	93.00	1.20	1.20		2.50		24 VALVE
A2010-2Y910	NA		93.00	1.20	1.20		2.50		24 VALVE
A2010-1W200	11-728	332	91.50	1.50	1.50		2.80		12 VALVE
A2010-4W100	11-859	357	95.50	1.20	1.20		2.50		24 VALVE
A2010-4W100	11-859	357	95.50	1.20	1.20		2.50		24 VALVE
A2010-4W100	11-859	357	95.50	1.20	1.20		2.50		24 VALVE
A2010-8J110	11-860	357	95.50	1.20	1.20		2.50		24 VALVE
A2010-8J110	11-860	357	95.50	1.20	1.20		2.50		24 VALVE
A2010-JK29B	NA		95.50	1.20	1.20		2.00		24 VALVE
A2010-JK20B	NA		95.50	1.20	1.20		2.00		24 VALVE
A2010-JK20B	NA		95.50	1.20	1.20		2.00		24 VALVE
A2010-JK20B	NA		95.50	1.20	1.20		2.00		24 VALVE
A2010-JK20A	NA		95.50	1.20	1.20		2.00		24 VALVE
A2010-JK20A	NA		95.50	1.20	1.20		2.00		24 VALVE
A2010-JK20A	NA		95.50	1.20	1.20		2.00		24 VALVE
A2010-60U00	NA		93.00	1.50	1.50		2.80		32 VALVE
A2010-6P000	NA		93.00	1.50	1.50		2.80		32 VALVE
A2010-AR210	NA		93.00	1.20	1.20		2.50		32 VALVE
A2010-AR210	NA		93.00	1.20	1.20		2.50		32 VALVE
A2010-AR210	NA		93.00	1.20	1.20		2.50		32 VALVE
A2010-AR260	NA		93.00	1.20	1.20		2.50		32 VALVE
A2010-1CA0A	NA		95.50						32 VALVE

INFINITI

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
ISUZU										
1471	1.5L	90	I-MARK	1987 - 1989	4	4XC1T	F.I.	S.O.H.C.	8-94109-650-0	SWI10152
1471	1.5L	90	I-MARK	1983 - 1986	4	4XC1	CARB	S.O.H.C.	8-94141-947-0	SWI10151
1471	1.5L	90	I-MARK	1987 - 1989	4	4XC1	CARB	S.O.H.C.	8-94141-947-0	SWI10151
1588	1.6L	97	STYLUS	1990 - 1992	4	4XE1V	F.I.	S.O.H.C.	8-94370-434-0	SWI10149
1588	1.6L	97	STYLUS	1993 ONLY	4	4XE1V	F.I.	S.O.H.C.	8-94331-660-0	SWI10149
1588	1.6L	97	I-MARK	1989 ONLY	4	4XE1W	F.I.	D.O.H.C.	8-94342-124-0	SWI10149
1588	1.6L	97	IMPULSE	1990 - 1992	4	4XE1W	F.I.	D.O.H.C.	8-94370-434-0	SWI10149
1588	1.6L	97	STYLUS	1990 - 1992	4	4XE1W	F.I.	D.O.H.C.	8-94370-434-0	SWI10149
1588	1.6L	97	IMPULSE	1991 - 1992	4	4XE1W	F.I.	D.O.H.C.	8-94370-434-0	SWI10149
1809	1.8L	110	STYLUS	1990 - 1992	4	4XF1	F.I.	D.O.H.C.	8-97042-171-0	SWI10149
1809	1.8L	110	IMPULSE	1991 - 1992	4	4XF1	F.I.	D.O.H.C.	8-97402-171-0	SWI10149
1817	1.8L	111	I-MARK	1981 ONLY	4	G180Z	CARB	S.O.H.C.	8-94216-640-0	SWI10056
1817	1.8L	111	PICKUP	1981 ONLY	4	G180Z	CARB	S.O.H.C.	8-94216-640-0	SWI10056
1817	1.8L	111	I-MARK	1982 - 1986	4	G180Z	CARB	S.O.H.C.	8-94244-404-0	SWI10098
1817	1.8L	111	PICKUP	1982 ONLY	4	G180Z	CARB	S.O.H.C.	8-94244-404-0	SWI10098
1817	1.8L	111	I-MARK	1981 - 1985	4	4FB1	DIESEL		8-94224-221-0	SJI10086
1949	1.9L	119	PICKUP	1983 - 1987	4	G200Z	C & F	S.O.H.C.	8-94438-086-0	SWI10096
1949	1.9L	119	TROOPER II	1983 - 1987	4	G200Z	CARB	S.O.H.C.	8-94438-086-0	SWI10096
1949	1.9L	119	IMPULSE	1983 - 1988	4	G200Z	CARB	S.O.H.C.	8-94438-086-0	SWI10096
1994	2.0L	122	IMPULSE	1985 - 1990	4	4ZC1	F.I.	S.O.H.C.	8-94235-878-0	SWI10133
2156	2.2L	132	OASIS	1996 - 1997	4	RJ1,F22B6	F.I.	S.O.H.C.	5-86202-103-0	SWH30383
2197	2.2L	134	HOMBRE	1996 - 2000	4	GM122 2.2L	F.I.	S.O.H.C.	8-12363-179-0	SWI10195
2198	2.2L	134	AMIGO	1998 - 1999	4	X22SE	F.I.	D.O.H.C.	8-92062-027-0	SWI10205
2198	2.2L	134	RODEO	1998 - 2000	4	X22SE	F.I.	D.O.H.C.	8-92062-027-0	SWI10205
2198	2.2L	134	RODEO	2001 - 2003	4	X22SE	F.I.	D.O.H.C.	8-92065-115-0	SWI10206
2198	2.2L	134	RODEO SPORT	2001 - 2004	4	X22SE	F.I.	D.O.H.C.	8-92065-115-0	SWI10206
2238	2.2L	137	PICKUP	1981 - 1982	4	C223	DIESEL		8-94100-355-0	SJI10089
2238	2.2L	137	PICKUP	1986 - 1987	4	C223T	DIESEL		8-94158-084-0	SJI10111
2238	2.2L	137	TROOPER II	1987 ONLY	4	C223T	DIESEL		8-94158-084-0	SJI10111

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
8-94109-616-4	NA		77.00	1.20	1.20		2.80		F.W.D., w/ TURBO, 8 VALVE
8-94141-426-0	DISC. 11-564		77.00	1.50	-		2.80		F.W.D., 8 VALVE
8-94460-838-2	DISC. 11-564		77.00	1.50	-		2.80		F.W.D., 8 VALVE
8-97066-885-0	DISC. 11-556		80.00	1.20	1.20		3.00		12 VALVE
8-97066-885-0	DISC. 11-556		80.00	1.20	1.20		3.00		12 VALVE
8-97066-886-0	DISC. 11-557		80.00	1.20	1.20		3.00		16 VALVE
8-97066-886-0	DISC. 11-557		80.00	1.20	1.20		3.00		16 VALVE
8-97066-886-0	DISC. 11-557		80.00	1.20	1.20		3.00		16 VALVE
8-97066-888-0	NA		80.00	1.20	1.20		3.00		w/ TURBO, 16 VALVE
8-97067-000-0	NA		80.00	1.20	1.20		3.00		16 VALVE
8-97067-000-0	NA		80.00	1.20	1.20		3.00		16 VALVE
8-94215-088-0	11-012	294	84.00	2.00	2.00		4.00		8 VALVE
8-94215-088-0	11-012	294	84.00	2.00	2.00		4.00		8 VALVE
8-94238-475-0	DISC. 11-013		84.00	1.50	1.50		4.00		R.W.D., 8 VALVE
8-94238-475-0	DISC. 11-013		84.00	1.50	1.50		4.00		8 VALVE
8-94228-886-2	DISC. 11-015		84.00	2.50	2.00		4.00		
8-94237-469-2	11-016	294	87.00	1.50	1.50		4.00		8 VALVE
8-94237-469-2	11-016	294	87.00	1.50	1.50		4.00		8 VALVE
8-94258-494-2	DISC. 11-695		87.00	1.50	1.50		4.00		8 VALVE
8-94143-151-3	11-558	311	88.00	1.50	1.50		4.00		w/ TURBO, 8 VALVE
5-86202-102-0	11-751	337	85.00	1.20	1.20		2.80		16 VALVE
8-24577-467-0	NA		89.00	1.50	1.50		3.00		GMC Engine, 8 VALVE
8-92062-910-0	11-747	336	86.00	1.50	1.50		3.00		16 VALVE
8-92062-910-0	11-747	336	86.00	1.50	1.50		3.00		16 VALVE
8-92064-692-0	11-840	353	86.00	1.20	1.50		2.50		16 VALVE
8-92064-692-0	11-840	353	86.00	1.20	1.50		2.50		16 VALVE
5-12111-212-0	DISC. 11-017		88.00	2.50	2.00		4.50		
8-94177-183-1	NA		88.00	2.50	2.00		4.00		w/ TURBO
8-94177-183-1	NA		88.00	2.50	2.00		4.00		w/ TURBO

ISUZU

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
ISUZU										
2238	2.2L	137	PICKUP	1983 - 1987	4	C223	DIESEL		8-94250-730-0	SDI10101
2238	2.2L	137	TROOPER II	1986 - 1987	4	C223	DIESEL		8-94250-730-0	SDI10101
2253	2.3L	137	OASIS	1998 - 1999	4	F23A7	F.I.	S.O.H.C.	5-86205-887-0	SWH30443
2254	2.3L	138	IMPULSE	1988 - 1990	4	4ZD1	F.I.	S.O.H.C.	8-94153-966-2	SWI10123
2254	2.3L	138	AMIGO	1989 - 1993	4	4ZD1	CARB	S.O.H.C.	8-94153-966-2	SWI10123
2254	2.3L	138	PICKUP	1983 - 1995	4	4ZD1	C & F	S.O.H.C.	8-94153-966-2	SWI10123
2254	2.3L	138	TROOPER II	1984 - 1987	4	4ZD1	CARB	S.O.H.C.	8-94153-966-2	SWI10123
2559	2.6L	156	AMIGO	1989 - 1992	4	4ZE1	C & F	S.O.H.C.	8-94405-614-2	SWI10162
2559	2.6L	156	PICKUP	1988 - 1992	4	4ZE1	C & F	S.O.H.C.	8-94405-614-2	SWI10162
2559	2.6L	156	RODEO	1990 - 1992	4	4ZE1	F.I.	S.O.H.C.	8-94405-614-2	SWI10162
2559	2.6L	156	TROOPER	1989 - 1992	4	4ZE1	F.I.	S.O.H.C.	8-94405-614-2	SWI10162
2559	2.6L	156	TROOPER II	1988 ONLY	4	4ZE1	CARB	S.O.H.C.	8-94405-614-2	SWI10162
2559	2.6L	156	AMIGO	1993 - 1997	4	4ZE1	C & F	S.O.H.C.	8-94405-614-2	SWI10162
2559	2.6L	156	PICKUP	1993 - 1995	4	4ZE1	C & F	S.O.H.C.	8-94405-614-2	SWI10162
2559	2.6L	156	RODEO	1993 - 1997	4	4ZE1	F.I.	S.O.H.C.	8-94405-614-2	SWI10162
2827	2.8L	173	TROOPER	1989 - 1992	V6	LL2	F.I.	O.H.V.	8-14089-059-0	SWI10154
2921	2.9L	178	i-290	2006 - 2008	4	Vortec 2800 LLV	F.I.	D.O.H.C.	8-89060-378-0	NA
3137	3.1L	191	PICKUP	1991 - 1994	6	CPC	F.I.	O.H.V.	8-10181-330-0	SWI10155
3137	3.1L	191	RODEO	1990 - 1992	V6	CPC	F.I.	O.H.V.	8-10181-330-0	SWI10155
3165	3.2L	193	TROOPER	1991 - 1995	V6	6VD1	F.I.	D.O.H.C.	8-97162-198-0	SWI10185
3165	3.2L	193	RODEO	1993 - 1995	V6	6VD1	F.I.	S.O.H.C.	8-97162-198-0	SWI10185
3165	3.2L	193	TROOPER	1991 - 1995	V6	6VD1	F.I.	S.O.H.C.	8-97162-198-0	SWI10185
3165	3.2L	193	RODEO	1996 - 2005	V6	6VD1	F.I.	S.O.H.C.	8-97162-198-0	SWI10185
3165	3.2L	193	TROOPER	1996 - 1997	V6	6VD1	F.I.	S.O.H.C.	8-97162-198-0	SWI10185
3458	3.5L	211	i-350	2007 - 2008	5	Vortec 3500 L52	F.I.	O.H.V.	8-89060-378-0	NA
3494	3.5L	213	TROOPER	1998 ONLY	V6	6VE1	F.I.	D.O.H.C.	8-97136-135-0	SWI10191
3494	3.5L	213	AMIGO	1998 - 2000	V6	6VE1	F.I.	D.O.H.C.	8-97136-135-0	SWI10191
3494	3.5L	213	RODEO	1998 - 2004	V6	6VE1	F.I.	D.O.H.C.	8-97136-135-0	SWI10191
3494	3.5L	213	RODEO SPORT	2001 - 2004	V6	6VE1	F.I.	D.O.H.C.	8-97136-135-0	SWI10191
3494	3.5L	213	AXIOM	2002 - 2004	6	6VE1	F.I.	D.O.H.C.	8-97136-135-0	SWI10191
3494	3.5L	213	TROOPER	1999 - 2002	V6	6VE1	F.I.	D.O.H.C.	8-97136-135-0	SWI10191
3494	3.5L	213	VehiCROSS	1999 - 2001	V6	6VE1	F.I.	D.O.H.C.	8-97136-135-0	SWI10191
3653	3.7L	223	i-370	2007 - 2008	5	Vortec 3700 LLR	F.I.	D.O.H.C.	-	NA

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
8-94250-729-0	11-696	327	88.00	2.00	2.00		4.00		
8-94250-729-0	11-696	327	88.00	2.00	2.00		4.00		
5-86205-884-0	NA		86.00	1.20	1.20		2.80		16 VALVE
8-94439-301-2	11-554	311	89.30	1.50	1.50		4.00		8 VALVE
8-94438-625-2	11-554	311	89.30	1.50	1.50		4.00		8 VALVE
8-94438-625-2	11-554	311	89.30	1.50	1.50		4.00		8 VALVE
8-94438-625-2	11-554	311	89.30	1.50	1.50		4.00		8 VALVE
8-94163-189-3	11-555	311	92.60	1.50	1.50		4.00		8 VALVE
8-94163-189-3	11-555	311	92.60	1.50	1.50		4.00		8 VALVE
8-94163-189-3	11-555	311	92.60	1.50	1.50		4.00		8 VALVE
8-94163-189-3	11-555	311	92.60	1.50	1.50		4.00		8 VALVE
8-94163-189-3	11-555	311	92.60	1.50	1.50		4.00		8 VALVE
8-97037-801-1	11-559	311	92.60	1.50	1.50		4.00		8 VALVE
8-97037-801-1	11-559	311	92.60	1.50	1.50		4.00		8 VALVE
8-97037-801-1	11-559	311	92.60	1.50	1.50		4.00		8 VALVE
8-14092-910-0	NA		89.00	1.50	2.00		4.76		
8-12585-784-0	NA		95.50						GMC Engine, 16 VALVE
8-10070-145-0	DISC. 11-569		89.00	1.50	1.50		4.00		
8-10070-145-0	DISC. 11-569		89.00	1.50	1.50		4.00		
8-97127-588-0	NA		93.40	1.50	1.50		4.00		24 VALVE
8-94374-965-1	11-686	325	93.40	1.50	1.50		4.00		24 VALVE
8-94374-965-1	11-686	325	93.40	1.50	1.50		4.00		24 VALVE
8-97104-386-0	11-685	325	93.40	1.50	1.50		4.00		24 VALVE
8-97104-386-0	11-685	325	93.40	1.50	1.50		4.00		24 VALVE
8-12585-784-0	NA		95.50						GMC Engine, 20 VALVE
8-97167-093-2	NA		93.40	1.50	1.50		3.00		24 VALVE
8-97172-674-0	11-764	340	93.40	1.50	1.50		3.00		24 VALVE
8-97172-674-0	11-764	340	93.40	1.50	1.50		3.00		24 VALVE
8-97172-674-0	11-764	340	93.40	1.50	1.50		3.00		24 VALVE
8-97136-315-3	11-793	344	93.40	1.50	1.50		3.00		24 VALVE
8-97136-315-3	11-793	344	93.40	1.50	1.50		3.00		24 VALVE
8-97163-315-3	11-793	344	93.40	1.50	1.50		3.00		24 VALVE
-	NA		95.50						GMC Engine, 20 VALVE

ISUZU

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
JAGUAR										
2494	2.5L	152	X-TYPE	2002 - 2005	V6	AJ25	F.I.	D.O.H.C.	XR8028057	NA
2967	3.0L	181	S-TYPE	2007 - 2008	V6	DURATEC 30	F.I.	D.O.H.C.	C2C005449	SWF80040
2967	3.0L	181	X-TYPE	2002 - 2008	V6	DURATEC 30	F.I.	D.O.H.C.	C2C005449	SWF80040
JAGUAR - END										

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
XR8057639	X		81.60	1.20	1.50		3.00		MAZDA Engine, 24 VALVE
XR8057545	X		89.00	1.20	1.50		3.00		Ford Engine, DAMB, 24 VALVE
XR8057545	X		89.00	1.20	1.50		3.00		Ford Engine, DAMB, 24 VALVE
JAGUAR - END									

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
KIA										
1493	1.5L	91	RIO	2001 - 2002	4	DC	F.I.	D.O.H.C.	K3Y2-11-SCO	SWK30019
1493	1.5L	91	RIO CINCO	2001 - 2002	4	DC	F.I.	D.O.H.C.	K3Y2-11-SCO	SWK30019
1591	1.6L	97	SOUL	2009 - 2012	4	Gamma 1.6L	F.I.	D.O.H.C.	-	NA
1597	1.6L	97	SEPHIA	1994 - 1995	4	B6	F.I.	S.O.H.C.	K2YA-11-SCO	SWT20060*
1597	1.6L	97	SEPHIA	1995 - 1997	4	B6	F.I.	D.O.H.C.	K2YA-11-SCO	SWT20060*
1597	1.6L	97	SEPHIA	1998 - 2000	4	B6	F.I.	D.O.H.C.	K2Y3-11-SCO	NA
1599	1.6L	98	RIO	2003 - 2005	4	ALPHA G4ED	F.I.	D.O.H.C.	23040-26101	SWG30030
1599	1.6L	98	RIO CINCO	2003 - 2005	4	ALPHA II G4ED	F.I.	D.O.H.C.	23040-26101	SWG30030
1599	1.6L	98	RIO	2006 - 2012	4	ALPHA II G4ED	F.I.	D.O.H.C.	23040-26120	SWG30034
1599	1.6L	98	RIO5	2006 - 2012	4	ALPHA II G4ED	F.I.	D.O.H.C.	23040-26120	SWG30034
1599	1.6L	98	RAY	2012 NEW	4	Gamma 1.4L	F.I.		-	NA
1793	1.8L	109	SPECTRA	2000 - 2004	4	FB	F.I.	D.O.H.C.	23040-2Y000	SWG30040
1793	1.8L	109	SPECTRA5	2004 ONLY	4	FB	F.I.	D.O.H.C.	23040-2Y000	SWG30040
1839	1.8L	112	SEPHIA	1995 - 2000	4	BP	F.I.	D.O.H.C.	BPY0-11-SCO	SWT20066*
1975	2.0L	121	SPORTAGE	2005 - 2010	4	BETA G4GF	F.I.	D.O.H.C.	23040-23000	SWG30028
1975	2.0L	121	SOUL	2009 - 2012	4	BETA II G4GF	F.I.	D.O.H.C.	23040-23000	SWG30028
1975	2.0L	121	SPECTRA	2007 - 2009	4	BETA G4GF	F.I.	D.O.H.C.	23040-23000	SWG30028
1975	2.0L	121	SPECTRA5	2005 - 2009	4	BETA G4GF	F.I.	D.O.H.C.	23040-23000	SWG30028
1998	2.0L	122	SPORTAGE	1995 ONLY	4	FE	F.I.	S.O.H.C.	KFY3-11-SCO	SWT20048*
1998	2.0L	122	SPORTAGE	1995 - 2002	4	FED	F.I.	D.O.H.C.	KFY3-11-SCO	SWT20048*
1998	2.0L	122	FORTE	2009 - 2012	4	THETA II 2.0L	F.I.	D.O.H.C.	23040-2C400	SWG30042
1998	2.0L	122	FORTE KOUP	2011 - 2012	4	THETA II 2.0L	F.I.	D.O.H.C.	23040-2C400	SWG30042
1998	2.0L	122	OPTIMA	2011 - 2012	4	THETA II 2.0L	F.I.	D.O.H.C.	23040-2C400	SWG30042
2350	2.4L	143	OPTIMA	2001 - 2005	4	SIRIUS II G4JS	F.I.	D.O.H.C.	23040-38200	SWG30047
2359	2.4L	144	OPTIMA	2009 - 2012	4	THETA II G4KC	F.I.	D.O.H.C.	23040-25200	SWG30041
2359	2.4L	144	FORTE	2009 - 2012	4	THETA II G4KC	F.I.	D.O.H.C.	23040-25200	SWG30041
2359	2.4L	144	FORTE KOUP	2011 - 2012	4	THETA II G4KC	F.I.	D.O.H.C.	23040-25200	SWG30041
2359	2.4L	144	OPTIMA	2006 - 2008	4	THETA II G4KC	F.I.	D.O.H.C.	23040-25200	SWG30041
2359	2.4L	144	RONDO	2007 - 2012	4	THETA II G4KC	F.I.	D.O.H.C.	23040-25200	SWG30041
2359	2.4L	144	SORENTO	2011 - 2012	4	THETA II G4KC	F.I.	D.O.H.C.	23040-25200	SWG30041
2359	2.4L	144	SPORTAGE	2011 - 2012	4	THETA II G4KC	F.I.	D.O.H.C.	23040-25200	SWG30041

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
K3Y2-11-SAO	11-773	341	75.50	1.20	1.20		2.50		16 VALVE
K3Y2-11-SAO	11-773	341	75.50	1.20	1.20		2.50		16 VALVE
-	NA		77.00						16 VALVE
K2Y3-11-SAO	DISC. 11-786		78.00	1.50	1.50		4.00		MAZDA Engine, 16 VALVE
K2YA-11-SAO	NA		78.00	1.50	1.50		4.00		MAZDA Engine, 16 VALVE
K2Y4-11-SAO	NA		78.00						MAZDA Engine, 16 VALVE
23410-26212	DISC. 11-819		76.50	1.20	1.20		2.50		16 VALVE
23410-26212	DISC. 11-819		76.50	1.20	1.20		2.50		16 VALVE
23410-26511	NA		76.50	1.20	1.20		2.00		16 VALVE
23410-26511	NA		76.50	1.20	1.20		2.00		16 VALVE
-	NA								
23410-2Y010	11-841	353	81.00	1.20	1.20		2.50		MAZDA Engine, 16 VALVE
23410-2Y010	11-841	353	81.00	1.20	1.20		2.50		MAZDA Engine, 16 VALVE
BPY1-11-SAO	11-703	328	83.00	1.50	1.50		3.00		MAZDA Engine, 16 VALVE
23410-23711	11-838	353	82.00	1.20	1.20		2.50		16 VALVE
23410-23AA0	NA		82.00	1.20	1.20		2.50		16 VALVE
23410-23AA0	NA		82.00	1.20	1.20		2.50		16 VALVE
23410-23AA0	NA		82.00	1.20	1.20		2.50		16 VALVE
FEY0-11-SAO	11-129	301	86.00	1.50	1.50		4.00		MAZDA Engine, 8 VALVE
K9Y2-11-SAO	11-699	327	86.00	1.50	1.50		4.00		MAZDA Engine, 16 VALVE
23410-2C400	NA		86.00	1.20	1.20		2.00		w/ TURBO, 16 VALVE
23410-2C400	NA		86.00	1.20	1.20		2.00		w/ TURBO, 16 VALVE
23410-2C400	NA		86.00	1.20	1.20		2.00		w/ TURBO, 16 VALVE
23410-38200	11-772	341	86.50	1.20	1.50		2.80		VIN 6, 16 VALVE
23410-2G200	NA		88.00	1.20	1.20		2.00		VIN 3, 16 VALVE
23410-25211	NA		88.00	1.20	1.20		2.00		16 VALVE
23410-25211	NA		88.00	1.20	1.20		2.00		16 VALVE
23410-25211	NA		88.00	1.20	1.20		2.00		VIN 3, 16 VALVE
23410-25211	NA		88.00	1.20	1.20		2.00		16 VALVE
23410-25211	NA		88.00	1.20	1.20		2.00		16 VALVE
23410-25211	NA		88.00	1.20	1.20		2.00		16 VALVE

KIA

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
KIA										
2493	2.5L	152	OPTIMA	2001 ONLY	V6	DELTA G6BW	F.I.	D.O.H.C.	23040-37200	NA
2656	2.7L	162	OPTIMA	2002 - 2006	V6	DELTA G6BA	F.I.	D.O.H.C.	23040-37300	SWG30037
2656	2.7L	162	SPORTAGE	2005 - 2006	V6	DELTA G6BA	F.I.	D.O.H.C.	23040-37300	SWG30037
2656	2.7L	162	KEE	2012 NEW	V6	Mu G6A5	F.I.	D.O.H.C.	23040-3E001	SWG30045
2656	2.7L	162	OPTIMA	2006 - 2010	V6	Mu G6A5	F.I.	D.O.H.C.	23040-3E001	SWG30045
2656	2.7L	162	RONDO	2007 - 2012	V6	Mu G6A5	F.I.	D.O.H.C.	23040-3E001	SWG30045
2656	2.7L	162	SPORTAGE	2007 - 2010	V6	Mu G6A5	F.I.	D.O.H.C.	23040-3E001	SWG30045
3342	3.3L	204	SORENTO	2008 - 2009	V6	LAMBDA G6DB	F.I.	D.O.H.C.	23040-3C150	TBA
3470	3.5L	212	KND-5	2012 NEW	V6	LAMBDA 3500	F.I.	D.O.H.C.	23040-3CAA0	NA
3470	3.5L	212	SEDONA	2011 - 2012	V6	LAMBDA 3500	F.I.	D.O.H.C.	23040-3CAA0	NA
3470	3.5L	212	SORENTO	2011 - 2012	V6	LAMBDA 3500	F.I.	D.O.H.C.	23040-3CAA0	NA
3497	3.5L	213	AMANTI	2004 - 2006	V6	SIGMA G6AU	F.I.	D.O.H.C.	23040-39800	SWM31121*
3497	3.5L	213	SEDONA	2002 - 2006	V6	SIGMA G6AU	F.I.	D.O.H.C.	23040-39800	SWM31121*
3497	3.5L	213	SORENTO	2002 - 2006	V6	SIGMA G6AU	F.I.	D.O.H.C.	23040-39800	SWM31121*
3778	3.8L	231	AMANTI	2007 - 2009	V6	LAMBDA RS 3800	F.I.	D.O.H.C.	23040-3C200	NA
3778	3.8L	231	BORREGO	2009 ONLY	V6	LAMBDA RS 3800	F.I.	D.O.H.C.	23040-3C200	NA
3778	3.8L	231	SEDONA	2007 - 2010	V6	LAMBDA RS 3800	F.I.	D.O.H.C.	23040-3C200	NA
3778	3.8L	231	SORENTO	2007 - 2009	V6	LAMBDA RS 3800	F.I.	D.O.H.C.	23040-3C200	NA
4627	4.6L	282	BORREGO	2009 ONLY	V8	TAU 4.6L	F.I.	D.O.H.C.	23040-3F300	NA
4627	4.6L	282	KUE	2012 NEW	V8	TAU 4.6L	F.I.	D.O.H.C.	23040-3F300	NA
KIA - END										

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1 S T	2 N D	3 R D	O 1	O 2	REMARK
23410-37210	11-771	340	84.00	1.20	1.20		2.50		24 VALVE
23410-37310	11-862	358	86.70	1.20	1.20		2.50		24 VALVE
23410-37310	11-862	358	86.70	1.20	1.20		2.00		24 VALVE
23410-3E001	NA		86.70	1.20	1.20		2.00		24 VALVE
23410-3E001	NA		86.70	1.20	1.20		2.00		24 VALVE
23410-3E001	NA		86.70	1.20	1.20		2.00		24 VALVE
23410-3E001	NA		86.70	1.20	1.20		2.00		24 VALVE
23041-3C151	NA		92.00	1.20	1.20		2.00		24 VALVE
23041-3CAA1	NA		92.00						24 VALVE
23041-3CAA1	NA		92.00						24 VALVE
23041-3CAA1	NA		92.00						24 VALVE
23040-39800	NA		93.00	1.50	1.50		3.00		24 VALVE
23400-39800	NA		93.00	1.50	1.50		3.00		24 VALVE
23040-39800	NA		93.00	1.50	1.50		3.00		24 VALVE
23041-3C600	NA		96.00						24 VALVE
23041-3C600	NA		96.00						24 VALVE
23041-3C600	NA		96.00						24 VALVE
23041-3C600	NA		96.00						24 VALVE
23041-3F301	NA		92.00						32 VALVE
23041-3F301	NA		92.00						32 VALVE

KIA

KIA - END

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	CYL	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
LAND ROVER										
3192	3.2L	195	LR2	2007 - 2010	6	SI6 3.2L	F.I.	D.O.H.C.	LR001404	NA
4009	4.0L	245	LR3	2005 - 2009	V6	COLOGNE V6	F.I.	S.O.H.C.	2U3Z 6148 AA	SWF30012
4398	4.4L	268	RANGE ROVER	2003 - 2008	V8	M62B44	F.I.	D.O.H.C.	11 25 1 745 594	DISC. SWE07478
LAND ROVER - END										

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
LEXUS										
2355	2.4L	144	HS 250 HYBRID	2010 - 2012	4	2AZFXE	F.I.	D.O.H.C.	13011-28161	NA
2499	2.5L	152	IS 250	2006 - 2012	V6	4GRFSE	F.I.	D.O.H.C.	13011-31121	NA
2499	2.5L	152	IS 250	2006 - 2012	V6	4GRFSE	F.I.	D.O.H.C.	13011-31121	NA
2499	2.5L	152	IS 250C	2010 - 2012	V6	4GRFSE	F.I.	D.O.H.C.	13011-31121	NA
2499	2.5L	152	IS 250C	2010 - 2012	V6	4GRFSE	F.I.	D.O.H.C.	13011-31121	NA
2507	2.5L	153	ES 250	1990 - 1991	V6	2VZFE	F.I.	D.O.H.C.	13011-62040	SWT10148
2958	3.0L	181	ES 300	1992 - 1993	V6	3VZFE	F.I.	D.O.H.C.	13011-62060	SWT10144
2994	3.0L	183	GS 300	2006 ONLY	V6	3GRFSE	F.I.	D.O.H.C.	13011-31170	NA
2994	3.0L	183	GS 300	2006 ONLY	V6	3GRFSE	F.I.	D.O.H.C.	13011-31170	NA
2995	3.0L	183	ES 300	1994 - 1999	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	ES 300	1994 - 1999	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	ES 300	2000 - 2003	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	ES 300	2000 - 2003	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	RX 300	1998 - 1999	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	RX 300	1998 - 1999	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	RX 300	2000 - 2003	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	RX 300	2000 - 2003	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2997	3.0L	183	GS 300	1994 - 1997	6	2JZGE	F.I.	D.O.H.C.	13011-46041	SWT10134
2997	3.0L	183	SC 300	1992 - 1997	6	2JZGE	F.I.	D.O.H.C.	13011-46041	SWT10134
2997	3.0L	183	GS 300	1998 - 2005	6	2JZGE	F.I.	D.O.H.C.	13011-46041	SWT10134
2997	3.0L	183	IS 300	2001 - 2005	6	2JZGE	F.I.	D.O.H.C.	13011-46041	SWT10134
2997	3.0L	183	SC 300	1998 - 2001	6	2JZGE	F.I.	D.O.H.C.	13011-46041	SWT10134
3311	3.3L	202	ES 330	2004 - 2006	V6	3MZFE	F.I.	D.O.H.C.	13011-0A031	SWT10228
3311	3.3L	202	RX 330	2004 - 2006	V6	3MZFE	F.I.	D.O.H.C.	13011-0A031	SWT10228
3311	3.3L	202	RX 400 HYBRID	2006 - 2010	V6	3MZFXE	F.I.	D.O.H.C.	13011-0A031	SWT10228
3456	3.5L	211	GS 350	2006 - 2012	V6	2GRFSE	F.I.	D.O.H.C.	13011-31140	SDT10194
3456	3.5L	211	GS 350	2006 - 2012	V6	2GRFSE	F.I.	D.O.H.C.	13011-31140	SDT10194
3456	3.5L	211	GS 450 HYBRID	2007 - 2012	V6	2GRSFE	F.I.	D.O.H.C.	13011-31140	SDT10194
3456	3.5L	211	GS 450 HYBRID	2007 - 2012	V6	2GRSFE	F.I.	D.O.H.C.	13011-31140	SDT10194
3456	3.5L	211	IS 350	2006 - 2012	V6	2GRSFE	F.I.	D.O.H.C.	13011-31140	SDT10194
3456	3.5L	211	IS 350	2006 - 2012	V6	2GRSFE	F.I.	D.O.H.C.	13011-31140	SDT10194
3456	3.5L	211	IS 350C	2010 - 2012	V6	2GRSFE	F.I.	D.O.H.C.	13011-31140	SDT10194
3456	3.5L	211	IS 350C	2010 - 2012	V6	2GRSFE	F.I.	D.O.H.C.	13011-31140	SDT10194
3456	3.5L	211	ES 350	2007 - 2012	V6	2GRFE	F.I.	D.O.H.C.	13011-31140	SDT10194
3456	3.5L	211	RX 350	2007 - 2012	V6	2GRFE	F.I.	D.O.H.C.	13011-0P040	SDT10194
3456	3.5L	211	RX 450 HYBRID	2010 - 2012	V6	2GRFE	F.I.	D.O.H.C.	13011-31150	SDT10194

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
13211-28120-A0	NA		88.50						16 VALVE
13101-31050-A0	NA		83.00	1.20	1.20		2.00		RIGHT, 24 VALVE
13301-31020-A0	NA		83.00	1.20	1.20		2.00		LEFT, 24 VALVE
13101-31050-A0	NA		83.00	1.20	1.20		2.00		RIGHT, 24 VALVE
13301-31020-A0	NA		83.00	1.20	1.20		2.00		LEFT, 24 VALVE
13101-62020-01	11-651	321	87.50	1.50	1.50		3.00		24 VALVE
13101-62040-01	11-661	323	87.50	1.50	1.50		4.00		24 VALVE
13101-31040	NA		87.50	1.20	1.20		2.00		RIGHT, 24 VALVE
13301-31010	NA		87.50	1.20	1.20		2.00		LEFT, 24 VALVE
13101-20030	11-720	330	87.50	1.20	1.20		3.00		RIGHT, 24 VALVE
13301-20020	11-720	330	87.50	1.20	1.20		3.00		LEFT, 24 VALVE
13101-0A020	11-720	330	87.50	1.20	1.20		3.00		RIGHT, 24 VALVE
13301-0A020	11-720	330	87.50	1.20	1.20		3.00		LEFT, 24 VALVE
13101-20030	11-720	330	87.50	1.20	1.20		3.00		RIGHT, 24 VALVE
13301-20020	11-720	330	87.50	1.20	1.20		3.00		LEFT, 24 VALVE
13101-0A020	11-720	330	87.50	1.20	1.20		3.00		RIGHT, 24 VALVE
13301-0A020	11-720	330	87.50	1.20	1.20		3.00		LEFT, 24 VALVE
13101-46031	DISC. 11-770		86.00	1.50	1.50		4.00		24 VALVE
13101-46031	DISC. 11-770		86.00	1.50	1.50		4.00		24 VALVE
13101-46081	11-851	355	86.00	1.50	1.50		4.00		24 VALVE
13101-46081	11-851	355	86.00	1.50	1.50		4.00		Including SportCross, 24 VALVE
13101-46081	11-851	355	86.00	1.50	1.50		4.00		24 VALVE
13101-0A040	11-867	359	92.00	1.20	1.20		2.00		24 VALVE
13101-0A040	11-867	359	92.00	1.20	1.20		2.00		24 VALVE
13101-0A040	11-867	359	92.00	1.20	1.20		2.00		24 VALVE
13101-31060-A0	NA		94.00	1.20	1.20		2.00		RIGHT, 24 VALVE
13301-31030-A0	NA		94.00	1.20	1.20		2.00		LEFT, 24 VALVE
13101-31060-A0	NA		94.00	1.20	1.20		2.00		RIGHT, 24 VALVE
13301-31030-A0	NA		94.00	1.20	1.20		2.00		LEFT, 24 VALVE
13101-31060-A0	NA		94.00	1.20	1.20		2.00		RIGHT, 24 VALVE
13301-31030-A0	NA		94.00	1.20	1.20		2.00		LEFT, 24 VALVE
13101-31060-A0	NA		94.00	1.20	1.20		2.00		RIGHT, 24 VALVE
13301-31030-A0	NA		94.00	1.20	1.20		2.00		LEFT, 24 VALVE
13101-31092-A0	11-870	360	94.00	1.20	1.20		2.00		24 VALVE
13101-0P053	11-870	360	94.00	1.20	1.20		2.00		24 VALVE
13101-31092-A0	11-870	360	94.00	1.20	1.20		2.00		24 VALVE

LEXUS

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
LEXUS										
3969	4.0L	242	LS 400	1990 - 1994	V8	1UZFE	F.I.	D.O.H.C.	13011-50040	SWT10147
3969	4.0L	242	LS 400	1990 - 1994	V8	1UZFE	F.I.	D.O.H.C.	13011-50040	SWT10147
3969	4.0L	242	SC 400	1992 - 1995	V8	1UZFE	F.I.	D.O.H.C.	13011-50040	SWT10147
3969	4.0L	242	SC 400	1992 - 1995	V8	1UZFE	F.I.	D.O.H.C.	13011-50040	SWT10147
3969	4.0L	242	GS 400	1998 - 2001	V8	1UZFE	F.I.	D.O.H.C.	13011-50120	NA
3969	4.0L	242	GS 400	1998 - 2001	V8	1UZFE	F.I.	D.O.H.C.	13011-50120	NA
3969	4.0L	242	LS 400	1995 - 1997	V8	1UZFE	F.I.	D.O.H.C.	13011-50080	NA
3969	4.0L	242	LS 400	1995 - 1997	V8	1UZFE	F.I.	D.O.H.C.	13011-50080	NA
3969	4.0L	242	LS 400	1998 - 2000	V8	1UZFE	F.I.	D.O.H.C.	13011-50110	NA
3969	4.0L	242	LS 400	1998 - 2000	V8	1UZFE	F.I.	D.O.H.C.	13011-50110	NA
3969	4.0L	242	SC 400	1996 ONLY	V8	1UZFE	F.I.	D.O.H.C.	13011-50080	NA
3969	4.0L	242	SC 400	1996 ONLY	V8	1UZFE	F.I.	D.O.H.C.	13011-50080	NA
3969	4.0L	242	SC 400	1997 - 2000	V8	1UZFE	F.I.	D.O.H.C.	13011-50120	NA
3969	4.0L	242	SC 400	1997 - 2000	V8	1UZFE	F.I.	D.O.H.C.	13011-50120	NA
4293	4.3L	262	GS 430	2002 - 2008	V8	3UZFE	F.I.	D.O.H.C.	13011-50170	NA
4293	4.3L	262	GS 430	2002 - 2008	V8	3UZFE	F.I.	D.O.H.C.	13011-50170	NA
4293	4.3L	262	LS 430	2001 - 2006	V8	3UZFE	F.I.	D.O.H.C.	13011-50170	NA
4293	4.3L	262	LS 430	2001 - 2006	V8	3UZFE	F.I.	D.O.H.C.	13011-50170	NA
4293	4.3L	262	SC 430	2002 - 2006	V8	3UZFE	F.I.	D.O.H.C.	13011-50170	NA
4293	4.3L	262	SC 430	2002 - 2006	V8	3UZFE	F.I.	D.O.H.C.	13011-50170	NA
4293	4.3L	262	SC 430	2007 - 2010	V8	3UZFE	F.I.	D.O.H.C.	13011-50170	NA
4293	4.3L	262	SC 430	2007 - 2010	V8	3UZFE	F.I.	D.O.H.C.	13011-50170	NA
4477	4.5L	273	LX 450	1996 - 1997	V6	1FZFE	F.I.	D.O.H.C.	13011-66021	SWT10184
4608	4.6L	281	GX 460	2010 - 2012	V8	1URFE	F.I.	D.O.H.C.	13011-0S011	TBA
4608	4.6L	281	GS 460	2008 - 2012	V8	1URSFE	F.I.	D.O.H.C.	13011-38080	NA
4608	4.6L	281	GS 460	2008 - 2012	V8	1URSFE	F.I.	D.O.H.C.	13011-38080	NA
4608	4.6L	281	LS 460	2007 - 2012	V8	1URSFE	F.I.	D.O.H.C.	13011-38080	NA
4608	4.6L	281	LS 460	2007 - 2012	V8	1URSFE	F.I.	D.O.H.C.	13011-38080	NA
4664	4.7L	285	GX 470	2003 - 2009	V8	2UZFE	F.I.	D.O.H.C.	13011-50161	SWT10203
4664	4.7L	285	GX 470	2003 - 2009	V8	2UZFE	F.I.	D.O.H.C.	13011-50161	SWT10203
4664	4.7L	285	LX 470	1998 - 2002	V8	2UZFE	F.I.	D.O.H.C.	13011-50140	SWT10203
4664	4.7L	285	LX 470	1998 - 2002	V8	2UZFE	F.I.	D.O.H.C.	13011-50140	SWT10203
4664	4.7L	285	LX 470	2003 - 2007	V8	2UZFE	F.I.	D.O.H.C.	13011-01F10	SWT10203
4664	4.7L	285	LX 470	2003 - 2007	V8	2UZFE	F.I.	D.O.H.C.	13011-01F10	SWT10203
4805	4.8L	183	LFA	2012 - 2013	V10	1LRGUE	F.I.	D.O.H.C.	-	NA
4805	4.8L	183	LFA	2012 - 2013	V10	1LRGUE	F.I.	D.O.H.C.	-	NA
4965	5.0L	303	LS 600 HYBRID	2008 - 2012	V8	2URFSE	F.I.	D.O.H.C.	13011-38090	NA
4965	5.0L	303	LS 600 HYBRID	2008 - 2012	V8	2URFSE	F.I.	D.O.H.C.	13011-38090	NA

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
13101-50020-01	NA		87.50	1.50	1.50		3.00		RIGHT, 32 VALVE
13301-50010-01	NA		87.50	1.50	1.50		3.00		LEFT, 32 VALVE
13101-50020-01	NA		87.50	1.50	1.50		3.00		RIGHT, 32 VALVE
13301-50010-01	NA		87.50	1.50	1.50		3.00		LEFT, 32 VALVE
13101-54040-01	NA		87.50	1.50	1.50		3.00		RIGHT, 32 VALVE
13301-54040-01	NA		87.50	1.50	1.50		3.00		LEFT, 32 VALVE
13101-50030-01	NA		87.50	1.50	1.50		3.00		RIGHT, 32 VALVE
13301-50020-01	NA		87.50	1.50	1.50		3.00		LEFT, 32 VALVE
13101-50040-01	NA		87.50	1.50	1.50		3.00		RIGHT, 32 VALVE
13301-50030-01	NA		87.50	1.50	1.50		3.00		LEFT, 32 VALVE
13101-50030-01	NA		87.50	1.50	1.50		3.00		RIGHT, 32 VALVE
13301-50020-01	NA		87.50	1.50	1.50		3.00		LEFT, 32 VALVE
13101-50040-01	NA		87.50	1.50	1.50		3.00		RIGHT, 32 VALVE
13301-50030-01	NA		87.50	1.50	1.50		3.00		LEFT, 32 VALVE
13101-50070-02	NA		91.00	1.20	1.20		3.00		RIGHT, 32 VALVE
13301-50060-01	NA		91.00	1.20	1.20		3.00		LEFT, 32 VALVE
13101-50070-02	NA		91.00	1.20	1.20		3.00		RIGHT, 32 VALVE
13301-50060-01	NA		91.00	1.20	1.20		3.00		LEFT, 32 VALVE
13101-50070-02	NA		91.00	1.20	1.20		3.00		RIGHT, 32 VALVE
13301-50060-01	NA		91.00	1.20	1.20		3.00		LEFT, 32 VALVE
13101-50090-02	NA		91.00	1.20	1.20		3.00		RIGHT, 32 VALVE
13301-50080-01	NA		91.00	1.20	1.20		3.00		LEFT, 32 VALVE
13101-66040-01	DISC. 11-700		100.00	1.75	2.00		4.00		24 VALVE
13101-0S020	NA		94.00						32 VALVE
13101-38090	NA		94.00						RIGHT, 32 VALVE
13301-38010	NA		94.00						LEFT, 32 VALVE
13101-38090	NA		94.00						RIGHT, 32 VALVE
13301-38010	NA		94.00						LEFT, 32 VALVE
13101-50081-01	11-801	346	94.00	1.50	1.50		4.00		RIGHT, 32 VALVE
13301-50071-01	11-801	346	94.00	1.50	1.50		4.00		LEFT, 32 VALVE
13101-50050-01	11-801	346	94.00	1.50	1.50		4.00		RIGHT, 32 VALVE
13301-50040-01	11-801	346	94.00	1.50	1.50		4.00		LEFT, 32 VALVE
13101-50050-01	11-801	346	94.00	1.50	1.50		4.00		RIGHT, 32 VALVE
13301-50040-01	11-801	346	94.00	1.50	1.50		4.00		LEFT, 32 VALVE
-	NA		88.00						40 VALVE
-	NA		88.00						40 VALVE
13101-38120	NA		94.00						RIGHT, 32 VALVE
13301-38020	NA		94.00						LEFT, 32 VALVE

LEXUS

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
MAZDA										
1146	1.1L	70	RX-7	1981 - 1985		12A			Rotary Engine	NA
1200	1.2L	73	1200	1972 - 1975	4	TB	CARB		0271-23-170	SXT20009
1272	1.3L	78	808	1976 - 1978	4	TC	CARB		0324-23-130	SWT20026
1272	1.3L	78	GLC	1977 - 1978	4	TC	CARB		0324-23-130	SWT20026
1296	1.3L	79	GLC	1983 - 1984	4	E3	CARB		E302-23-130A	SWT20045
1308	1.3L	80	RX-7	1986 - 1991		13B			Rotary Engine	NA
1308	1.3L	80	RX-8	2004 - 2012		13B-MSP			Rotary Engine	NA
1309	1.3L	80	RX-7	1992 - 1995		13B-REW			Rotary Engine	NA
1415	1.4L	86	GLC	1979 - 1980	4	UC	CARB		8569-23-130A	SWT20036
1489	1.5L	91	PROTÉGÉ	1995 - 1998	4	Z5	F.I.	D.O.H.C.	Z5Y0-11-SC0	SWT20074
1490	1.5L	91	GLC	1981 - 1985	4	E5	CARB		E512-23-130	SWT20037
1490	1.5L	91	GLC	1983 - 1985	4	E5	CARB		E302-23-130A	SWT20045
1498	1.5L	91	MAZDA 2	2011 - 2012	4	ZY-VE	F.I.	D.O.H.C.	-	NA
1586	1.6L	97	808	1972 - 1978	4	NA	CARB	S.O.H.C.	0494-23-130	SWT20025
1586	1.6L	97	B1600	1972 - 1978	4	NA	CARB	S.O.H.C.	0494-23-130	SWT20025
1597	1.6L	97	323	1986 - 1995	4	B6	F.I.	S.O.H.C.	B6Y0-11-SC0A	SWT20060
1597	1.6L	97	323	1988 - 1993	4	B6T	F.I.	D.O.H.C.	B6Y0-11-SC0A	SWT20060
1597	1.6L	97	MIATA MX5	1989 - 1993	4	B6-ZE	F.I.	D.O.H.C.	B6Y4-11-SC0B	SWT20060
1597	1.6L	97	MIATA MX5	1989 - 1993	4	B6-ZE	F.I.	D.O.H.C.	B6Y3-11-SC0A	SWT20063
1597	1.6L	97	323	1994 - 1995	4	B6	F.I.	S.O.H.C.	B6Y6-11-SC0A	SWT20060
1597	1.6L	97	MX3	1992 - 1993	4	B6-ME	F.I.	S.O.H.C.	B6Y6-11-SC0A	SWT20060
1597	1.6L	97	MX3	1994 - 1997	4	B6-ME	F.I.	S.O.H.C.	B6Y6-11-SC0A	SWT20060
1597	1.6L	97	PROTÉGÉ	1999 - 2001	4	ZL	F.I.	D.O.H.C.	ZLY0-11-SC0	SWT20080
1796	1.8L	110	618	1972 - 1973	4	VB	CARB		0494-23-130	SWT20025
1797	1.8L	110	618	1972 ONLY	4	VB	CARB	S.O.H.C.	0494-23-130	SWT20025
1797	1.8L	110	B1800	1977 - 1978	4	VB	CARB	S.O.H.C.	3763-23-130	SWT20025

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
-	NA								
0271-23-200	DISC. 11-702		70.00	2.00	2.00		4.00		8 VALVE
0370-23-200	DISC. 11-123		73.00	2.00	2.00		4.00		8 VALVE
0370-23-200	DISC. 11-123		73.00	2.00	2.00		4.00		8 VALVE
E302-23-200A	11-124	300	77.00	1.50	2.00		4.00		8 VALVE
-	NA								
-	NA								
-	NA								
8569-23-200	DISC. 11-125		77.00	1.50	1.50		4.00		
Z5Y0-11-SA0B	11-731	333	75.30	1.00	1.20		2.50		16 VALVE
E501-23-200	DISC. 11-126		77.00	1.20	1.50		4.00		8 VALVE
E502-23-200A	11-127	301	77.00	1.50	2.00		4.00		F.W.D., 8 VALVE
-	NA		78.00						16 VALVE
0305-23-200	DISC. 11-128		78.00	1.50	1.50		4.00		8 VALVE
0305-23-200	DISC. 11-128		78.00	1.50	1.50		4.00		8 VALVE
B6Y0-11-SA0A	DISC. 11-577		78.00	1.50	1.50		4.00		8 VALVE
B6Z0-11-SA0A	DISC. 11-578		78.00	1.50	1.50		4.00		w/ TURBO, 16 VALVE
B6Z2-11-SA0C	11-579	312	78.00	1.50	1.50		4.00		STD TRANS, 16 VALVE
B6Z5-11-SC0	DISC. 11-588		78.00	1.50	1.50		3.00		AUTO TRANS, 16 VALVE
B6Y3-11-SA0A	DISC. 11-786		78.00	1.50	1.50		4.00		w/ CALIF E.C.S., 8 VALVE
B6Y3-11-SA0A	DISC. 11-786		78.00	1.50	1.50		4.00		16 VALVE
B6Z7-11-SA0	11-794	344	78.00	1.50	1.50		4.00		16 VALVE
ZMY0-11-SA0	NA		80.00	1.20	1.50		3.00		16 VALVE
2683-99-111	NA		78.00	1.50	1.50		4.00		w/ CALIF E.C.S.
0290-23-200	DISC. 11-092		78.00	1.50	1.50		4.00		8 VALVE
3879-23-200	DISC. 11-092		78.00	1.50	1.50		4.00		8 VALVE

MAZDA

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
MAZDA										
1839	1.8L	112	MIATA MX5	1999 - 2000	4	BP05-4W	F.I.	D.O.H.C.	BPZ0-11-SC0A	SWT20066
1839	1.8L	112	PROTÉGÉ	1990 - 1994	4	BP01	F.I.	D.O.H.C.	BPY3-11-SC0	SWT20066
1839	1.8L	112	MIATA MX5	1994 - 1997	4	BP05-ZE	F.I.	D.O.H.C.	BPY1-11-SC0	SWT20066
1839	1.8L	112	PROTÉGÉ	1990 - 1998	4	BP05	F.I.	D.O.H.C.	BPY1-11-SC0	SWT20066
1839	1.8L	112	PROTÉGÉ	1999 - 2000	4	FP	F.I.	D.O.H.C.	FSY2-11-SC0A	SWT20078
1839	1.8L	112	MIATA MX5	2001 - 2005	4	BP05-VE	F.I.	D.O.H.C.	BPZ0-11-SC0A	SWT20066
1844	1.8L	113	MX3	1992 - 1994	V6	K8-DE	F.I.	D.O.H.C.	K8Y2-11-SC0A	SWT20067
1844	1.8L	113	MX3	1992 - 1994	V6	K8-DE	F.I.	D.O.H.C.	K8Y2-11-SC0A	SWT20067
1970	2.0L	120	626	1979 - 1981	4	MA	CARB	S.O.H.C.	HE18-23-130	SWT20031
1970	2.0L	120	B2000	1979 - 1981	4	MA	CARB	S.O.H.C.	HE18-23-130	SWT20031
1970	2.0L	120	626	1982 ONLY	4	MA	CARB	S.O.H.C.	HE05-23-130	SWT20042
1970	2.0L	120	B2000	1982 - 1984	4	MA	CARB	S.O.H.C.	HE05-23-130	SWT20042
1988	2.0L	121	TRIBUTE	2001 - 2004	4	YF	F.I.	D.O.H.C.	YF09-11-100A	SWF30002
1991	2.0L	121	PROTÉGÉ	2002 - 2003	4	FS	F.I.	D.O.H.C.	FSY2-11-SC0A	SWT20078
1991	2.0L	121	626	1993 - 2002	4	FS-DE	F.I.	D.O.H.C.	FSY2-11-SC0A	SWT20078
1991	2.0L	121	MX6	1993 - 1997	4	FS	F.I.	D.O.H.C.	FSY2-11-SC0A	SWT20078
1991	2.0L	121	PROTÉGÉ	2001 ONLY	4	FS	F.I.	D.O.H.C.	FSY2-11-SC0A	SWT20078
1991	2.0L	121	PROTÉGÉ 5	2002 - 2003	4	FS	F.I.	D.O.H.C.	FSY2-11-SC0A	SWT20078
1998	2.0L	122	626	1983 - 1987	4	FE	C & F	S.O.H.C.	F2Y1-11-SC0	SWT20048
1998	2.0L	122	B2000	1985 - 1987	4	FE	CARB	S.O.H.C.	F2Y1-11-SC0	SWT20048
1998	2.0L	122	626	1986 - 1987	4	FET	F.I.	S.O.H.C.	F2Y1-11-SC0	SWT20048
1998	2.0L	122	626	1984 - 1985	4	RFX	DIESEL		RF01-23-130A	SDT20055
1998	2.0L	122	MAZDA 3	2004 - 2005	4	LF-DE	F.I.	D.O.H.C.	LFY1-11-SC0A	SWT20090
1998	2.0L	122	MAZDA 3	2004 - 2005	4	LF-DE	F.I.	D.O.H.C.	LFY7-11-SC0A	SWT20090
1998	2.0L	122	MAZDA 3	2006 - 2012	4	LF-DE	F.I.	D.O.H.C.	LFY1-11-SC0A	SWT20090
1998	2.0L	122	MAZDA 3	2006 - 2012	4	LF-DE	F.I.	D.O.H.C.	LFY7-11-SC0A	SWT20090
1998	2.0L	122	MIATA MX5	2009 - 2012	4	LF-DE	F.I.	D.O.H.C.	LFY1-11-SC0A	SWT20090
1998	2.0L	122	MIATA MX5	2006 - 2007	4	LF-DE	F.I.	D.O.H.C.	LFY5-11-SC0	SWT20090
1998	2.0L	122	MIATA MX5	2009 - 2012	4	LF-DE	F.I.	D.O.H.C.	LFY1-11-SC0A	SWT20090

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
BPZ0-11-SA0	11-584	313	83.00	1.50	1.50		3.00		16 VALVE
BPZ0-11-SA0A	11-584	313	83.00	1.50	1.50		3.00		16 VALVE
BPY1-11-SA0A	11-703	328	83.00	1.50	1.50		3.00		16 VALVE
BPY1-11-SA0A	11-703	328	83.00	1.50	1.50		3.00		16 VALVE
FPY1-11-SA0E	DISC. 11-715		83.00	1.20	1.50		3.00		16 VALVE
BPZ3-11-SA0	11-842	354	83.00	1.50	1.50		3.00		16 VALVE
K8Y1-11-SA0B	NA		75.00	1.50	1.50		3.00		RIGHT, 24 VALVE
K8Y1-11-SL0B	NA		75.00	1.50	1.50		3.00		LEFT, 24 VALVE
HE01-23-200	DISC. 11-130		80.00	1.20	1.50		4.00		8 VALVE
HE01-23-200	DISC. 11-130		80.00	1.20	1.50		4.00		8 VALVE
HE41-23-200	DISC. 11-131		80.00	1.50	2.00		4.00		8 VALVE
HE41-23-200	DISC. 11-131		80.00	1.50	2.00		4.00		8 VALVE
YF09-11-SA0	NA		84.50	1.50	1.75		3.00		FORD Zetec-R 2.0, 16 VALVE
FSY3-11-SA0D	11-706	328	83.00	1.20	1.50		3.00		16 VALVE
FSY1-11-SA0D	11-706	328	83.00	1.20	1.50		3.00		16 VALVE
FSY1-11-SA0D	11-706	328	83.00	1.20	1.50		3.00		16 VALVE
FSY1-11-SA0D	11-706	328	83.00	1.20	1.50		3.00		16 VALVE
FSY1-11-SA0D	11-706	328	83.00	1.20	1.50		3.00		16 VALVE
FE01-23-200	11-129	301	86.00	1.50	1.50		4.00		8 VALVE
FE01-23-200	11-129	301	86.00	1.50	1.50		4.00		8 VALVE
FE30-23-200A	DISC. 11-572		86.00	1.50	1.50		4.00		w/ TURBO, 8 VALVE
RF01-23-200B	11-701	327	86.00	2.00	2.00		4.00		
LFY2-11-010	11-854	356	87.50	1.20	1.20		2.50		FORD Duratec 20, 16 VALVE
LFY4-11-010	NA		87.50	1.20	1.20		2.50		FORD Duratec 20, w/ CALIF. E.C.S., 16 VALVE
LFY5-11-010	NA		87.50	1.20	1.20		2.50		FORD Duratec 20, 16 VALVE
LFY7-11-010	NA		87.50	1.20	1.20		2.50		FORD Duratec 20, w/ CALIF. E.C.S., 16 VALVE
LFY0-11-SA0A	NA		87.50	1.20	1.20		2.50		STD TRANS, 16 VALVE
LFYA-11-010	NA		87.50	1.20	1.20		2.50		16 VALVE
LFYA-11-010	NA		87.50	1.20	1.20		2.50		AUTO TRANS, 16 VALVE

MAZDA

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
MAZDA										
2184	2.2L	133	626	1988 - 1992	4	F2	F.I.	S.O.H.C.	F2Y1-11-SC0	SWT20048
2184	2.2L	133	MX6	1988 - 1992	4	F2	F.I.	S.O.H.C.	F2Y1-11-SC0	SWT20048
2184	2.2L	133	626	1988 - 1992	4	F2	F.I.	S.O.H.C.	F2Y1-11-SC0	SWT20048
2184	2.2L	133	MX6	1988 - 1992	4	F2	F.I.	S.O.H.C.	F2Y1-11-SC0	SWT20048
2184	2.2L	133	626	1988 - 1992	4	F2	F.I.	S.O.H.C.	F2Y1-11-SC0	SWT20048
2184	2.2L	133	B2200	1986 - 1993	4	F2	F & C	S.O.H.C.	F2Y1-11-SC0	SWT20048
2184	2.2L	133	MX6	1988 - 1992	4	F2	F.I.	S.O.H.C.	F2Y1-11-SC0	SWT20048
2209	2.2L	135	B2200	1982 - 1985	4	S2	DIESEL		1456-23-206	SDT20032
2255	2.3L	138	MILLENNIA	1995 - 1996	V6	KJ-ZEM	F.I.	D.O.H.C.	KJY1-11-SC0A	NA
2255	2.3L	138	MILLENNIA	1995 - 1996	V6	KJ-ZEM	F.I.	D.O.H.C.	KJY1-11-SC0A	NA
2255	2.3L	138	MILLENNIA	1997 - 2002	V6	KJ-ZEM	F.I.	D.O.H.C.	KJY1-11-SC0A	NA
2255	2.3L	138	MILLENNIA	1997 - 2002	V6	KJ-ZEM	F.I.	D.O.H.C.	KJY1-11-SC0A	NA
2260	2.3L	138	B2300	2001 - 2009	4	L3-VE	F.I.	D.O.H.C.	L3Y3-11-SC0	SWT20090
2260	2.3L	138	TRIBUTE	2005 - 2006	4	L3-VE	F.I.	D.O.H.C.	L3Y3-11-SC0	SWT20090
2260	2.3L	138	MAZDA 5	2006 - 2010	4	L3-VE	F.I.	D.O.H.C.	L3Y6-11-SC0	SWT20090
2260	2.3L	138	MAZDA 3	2004 - 2009	4	L3-VE	F.I.	D.O.H.C.	LFY7-11-SC0A	SWT20090
2260	2.3L	138	MAZDA 6	2003 - 2004	4	L3-VE	F.I.	D.O.H.C.	LFY7-11-SC0A	SWT20090
2260	2.3L	138	MAZDA 3	2006 - 2007	4	L3-VE	F.I.	D.O.H.C.	L3Y6-11-SC0	SWT20090
2260	2.3L	138	MAZDA 6	2005 - 2008	4	L3-VE	F.I.	D.O.H.C.	LFY7-11-SC0A	SWT20090
2260	2.3L	138	MAZDA 3	2008 - 2009	4	L3-VE	F.I.	D.O.H.C.	LFY7-11-SC0A	SWT20090
2260	2.3L	138	MAZDA 6	2006 - 2007	4	L3-VDT	F.I.	D.O.H.C.	L3Y4-11-SC0	NA
2260	2.3L	138	MAZDASPPED6	2006 - 2008	4	L3-VDT	F.I.	D.O.H.C.	L3Y4-11-SC0	NA
2260	2.3L	138	CX-7	2006 - 2009	4	L3-VDT	F.I.	D.O.H.C.	L3Y4-11-SC0	NA
2260	2.3L	138	MAZDA 3	2007 - 2009	4	L3-VDT	F.I.	D.O.H.C.	L3Y4-11-SC0	NA
2260	2.3L	138	CX-7	2010 - 2012	4	L3-VDT	F.I.	D.O.H.C.	L3Y4-11-SC0	NA
2260	2.3L	138	MAZDASPPED3	2007 - 2012	4	L3-VDT	F.I.	D.O.H.C.	L3Y4-11-SC0	NA
2298	2.3L	140	B2300	1994 ONLY	4	A	F.I.	S.O.H.C.	ZZM0-23-130	SWT20071
2298	2.3L	140	B2300	1995 - 1997	4	A	F.I.	S.O.H.C.	ZZM9-23-130	SWT20071
2488	2.5L	152	TRIBUTE HYBRID	2008 - 2009	4	L5-VEH	F.I.	D.O.H.C.	-	NA

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
MAZDA									
F220-11-SA0	11-573	312	86.00	1.50	1.50		4.00		w/ TURBO, 16 VALVE
F220-11-SA0	11-573	312	86.00	1.50	1.50		4.00		w/ TURBO, 16 VALVE
F2Y2-11-SA0A	11-582	313	86.00	1.50	1.50		4.00		16 VALVE
F2Y2-11-SA0A	11-582	313	86.00	1.50	1.50		4.00		16 VALVE
F2Y4-11-SA0A	11-583	313	86.00	1.50	1.50		4.00		12 VALVE
F2Y4-11-SA0A	11-583	313	86.00	1.50	1.50		4.00		12 VALVE
F2Y4-11-SA0A	11-583	313	86.00	1.50	1.50		4.00		12 VALVE
8259-23-200C	DISC. 11-132		88.90	2.38	2.38		4.76		
KJY1-11-SA0	DISC. 11-765		80.30	1.50	1.50		3.00		RIGHT, 24 VALVE
KJY1-11-SL0	DISC. 11-765		80.30	1.50	1.50		3.00		LEFT, 24 VALVE
KJY2-11-SA0	NA		80.30	1.50	1.50		3.00		RIGHT, 24 VALVE
KJY2-11-SL0	NA		80.30	1.50	1.50		3.00		LEFT, 24 VALVE
L3Y9-11-010	11-843	354	87.50	1.20	1.20		2.50		FORD Duratec 23, 16 VALVE
L3Y9-11-010	11-843	354	87.50	1.20	1.20		2.50		FORD Duratec 23, 16 VALVE
L3Y9-11-010	11-843	354	87.50	1.20	1.20		2.50		FORD Duratec 23, 16 VALVE
L3Y9-11-010	11-843	354	87.50	1.20	1.20		2.50		FORD Duratec 23, 16 VALVE
L3Y9-11-010	11-843	354	87.50	1.20	1.20		2.50		FORD Duratec 23, 16 VALVE
L3YH-11-010	11-844*	354	87.50	1.20	1.20		2.50		FORD Duratec 23, w/ CALIF. E.C.S., 16 VALVE
L3YH-11-010	11-844*	354	87.50	1.20	1.20		2.50		FORD Duratec 23, 16 VALVE
L3YD-11-010	NA		87.50	1.20	1.20		2.50		FORD Duratec 23, w/ CALIF. E.C.S., 16 VALVE
L3K9-11-210B	NA		87.50	1.50	1.50		2.00		FORD Duatec 23, w/ TURBO, 16 VALVE
L3K9-11-210B	NA		87.50	1.50	1.50		2.00		FORD Duatec 23, w/ TURBO, 16 VALVE
L3Y0-11-SA0	NA		87.50	1.50	1.50		2.00		FORD Duatec 23, w/ TURBO, 16 VALVE
L3Y0-11-SA0	NA		87.50	1.50	1.50		2.00		FORD Duatec 23, w/ TURBO, 16 VALVE
L3Y4-11-SA0	NA		87.50	1.50	1.50		2.00		FORD Duatec 23, w/ TURBO, 16 VALVE
L3Y4-11-SA0	NA		87.50	1.50	1.50		2.00		FORD Duatec 23, w/ TURBO, 16 VALVE
ZZM9-23-200	NA		96.00	1.50	1.50		4.00		8 VALVE
ZZM3-23-200A	NA		96.00	1.50	1.50		4.00		8 VALVE
-	NA		89.00						16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
MAZDA										
2488	2.5L	152	CX-7	2010 - 2012	4	L5-VE	F.I.	D.O.H.C.	L5Y3-11-SCO	NA
2488	2.5L	152	MAZDA 3	2010 - 2012	4	L5-VE	F.I.	D.O.H.C.	L5Y3-11-SCO	NA
2488	2.5L	152	MAZDA 5	2012 - 2013	4	L5-VE	F.I.	D.O.H.C.	L5Y3-11-SCO	NA
2488	2.5L	152	MAZDA 6	2009 - 2012	4	L5-VE	F.I.	D.O.H.C.	L5Y3-11-SCO	NA
2488	2.5L	152	TRIBUTE	2008 - 2012	4	L5-VE	F.I.	D.O.H.C.	L5Y3-11-SCO	NA
2494	2.5L	152	MPV	2000 - 2001	V6	GY-DE	F.I.	D.O.H.C.	GYTT-11-SCO	NA
2507	2.5L	153	626	1993 - 1997	V6	KL-DE	F.I.	D.O.H.C.	KLY2-11-SC0A	SWT20073
2507	2.5L	153	626	1993 - 1997	V6	KL-DE	F.I.	D.O.H.C.	KLY2-11-SC0A	SWT20073
2507	2.5L	153	MILLENIA	1995 - 1996	V6	KL-DE	F.I.	D.O.H.C.	KLY2-11-SC0A	SWT20073
2507	2.5L	153	MILLENIA	1995 - 1996	V6	KL-DE	F.I.	D.O.H.C.	KLY2-11-SC0A	SWT20073
2507	2.5L	153	MILLENIA	1997 - 2002	V6	KL-DE	F.I.	D.O.H.C.	KLY2-11-SC0A	SWT20073
2507	2.5L	153	MILLENIA	1997 - 2002	V6	KL-DE	F.I.	D.O.H.C.	KLY2-11-SC0A	SWT20073
2507	2.5L	153	MX6	1993 - 1997	V6	KL-DE	F.I.	D.O.H.C.	KLY2-11-SC0A	SWT20073
2507	2.5L	153	MX6	1993 - 1997	V6	KL-DE	F.I.	D.O.H.C.	KLY2-11-SC0A	SWT20073
2507	2.5L	153	626	1998 - 1999	V6	KL-G4	F.I.	D.O.H.C.	KLY2-11-SC0A	SWT20073
2507	2.5L	153	626	2000 - 2002	V6	KL-G4	F.I.	D.O.H.C.	KLY2-11-SC0A	SWT20073
2507	2.5L	153	B2500	1998 - 2001	4	C	F.I.	S.O.H.C.	ZZP0-23-130	SWT20076
2555	2.6L	156	B2600	1986 - 1987	4	AM1	CARB	S.O.H.C.	AM15-11-SC0	SWM31039
2555	2.6L	156	B2600	1988 ONLY	4	AM1	CARB	S.O.H.C.	AM15-11-SC0	SWM31039
2606	2.6L	159	B2600i	1989 - 1993	4	G6	F.I.	S.O.H.C.	G601-11-SC0A	SWT20064
2606	2.6L	159	MPV	1989 - 1994	4	G6	F.I.	S.O.H.C.	G601-11-SC0A	SWT20064
2954	3.0L	180	929	1988 - 1991	V6	JE	F.I.	S.O.H.C.	JEY1-11-SC0	SWT20062
2954	3.0L	180	MPV	1989 - 1993	V6	JE	F.I.	S.O.H.C.	JEY1-11-SC0	SWT20062
2954	3.0L	180	929	1989 - 1991	V6	JE-ZE27	F.I.	D.O.H.C.	JEY1-11-SC0	SWT20062
2954	3.0L	180	929	1992 - 1995	V6	JE48	F.I.	S.O.H.C.	JEY1-11-SC0	SWT20062
2954	3.0L	180	929	1992 - 1995	V6	JE48	F.I.	S.O.H.C.	JEY1-11-SC0	SWT20062
2954	3.0L	180	MPV	1994 - 1999	V6	JE	F.I.	S.O.H.C.	JEY1-11-SC0	SWT20062
2954	3.0L	180	MPV	1994 - 1999	V6	JE	F.I.	S.O.H.C.	JEY1-11-SC0	SWT20062
2967	3.0L	181	MPV	2002 - 2006	V6	AJ-DE	F.I.	D.O.H.C.	-	SWF80040
2967	3.0L	181	MAZDA 6	2003 - 2008	V6	AJ-DE	F.I.	D.O.H.C.	-	SWF80040
2967	3.0L	181	B3000	1998 - 2004	6	VALCAN V6	F.I.	O.H.V.	ZZP1-23-130	SWT20086
2967	3.0L	181	B3000	2005 - 2008	6	VALCAN V6	F.I.	O.H.V.	1F61-23-130	SWT20086
2967	3.0L	181	TRIBUTE	2001 - 2012	V6	AJ, V	F.I.	D.O.H.C.	ZZCA-11-100	SWI10155

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
L5Y3-11-SA0	NA		89.00						16 VALVE
L5Y3-11-SA0	NA		89.00						16 VALVE
L5Y3-11-SA0	NA		89.00						16 VALVE
L5Y3-11-SA0	NA		89.00						16 VALVE
L5Y3-11-SA0	NA		89.00						16 VALVE
GY01-11-100C	DISC. 11-816		81.60	1.20	1.50		3.00		24 VALVE
KLZ1-11-SA0	11-716	330	84.50	1.50	1.50		3.00		RIGHT, 24 VALVE
KLY1-11-SL0B	11-716	330	84.50	1.50	1.50		3.00		LEFT, 24 VALVE
KLZ1-11-SA0	11-716	330	84.50	1.50	1.50		3.00		RIGHT, 24 VALVE
KLY1-11-SL0B	11-716	330	84.50	1.50	1.50		3.00		LEFT, 24 VALVE
KLZ1-11-SA0	11-716	330	84.50	1.50	1.50		3.00		RIGHT, 24 VALVE
KLZ1-11-SL0B	11-716	330	84.50	1.50	1.50		3.00		LEFT, 24 VALVE
KLZ1-11-SA0	11-716	330	84.50	1.50	1.50		3.00		RIGHT, 24 VALVE
KLY1-11-SL0B	11-716	330	84.50	1.50	1.50		3.00		LEFT, 24 VALVE
KLY5-11-SA0B	DISC. 11-766		84.50	1.50	1.50		3.00		24 VALVE
KLY8-11-SA0	NA		84.50	1.50	1.50		3.00		24 VALVE
ZZP3-23-200	NA		96.00	1.50	1.50		3.00		8 VALVE
AM01-11-SA0	11-035	295	91.10	1.50	1.50		4.00		MITSUBISHI G54B, 12 VALVE
AM15-11-SA0	11-035	295	91.10	1.50	1.50		4.00		MITSUBISHI G54B, 12 VALVE
G602-11-SA0	11-580	312	92.00	1.50	1.50		4.00		12 VALVE
G602-11-SA0	11-580	312	92.00	1.50	1.50		4.00		12 VALVE
JEY6-11-SA0B	11-575	312	90.00	1.50	1.50		4.00		18 VALVE
JEY6-11-SA0B	11-575	312	90.00	1.50	1.50		4.00		18 VALVE
JE27-11-SA0A	11-759	339	90.00	1.50	1.50		4.00		24 VALVE
JEY8-11-SAXB	11-759	339	90.00	1.50	1.50		4.00		RIGHT, 24 VALVE
JEY8-11-SLXA	11-759	339	90.00	1.50	1.50		4.00		LEFT, 24 VALVE
JEY7-11-SAXA	11-704	328	90.00	1.50	1.50		4.00		RIGHT, 12 VALVE
JEY7-11-SLXA	11-704	328	90.00	1.50	1.50		4.00		LEFT, 12 VALVE
AJTM-11-210	11-868	359	89.00	1.20	1.50		2.50		FORD Duratec 30, 24 VALVE
ZZDL-11-210	11-868	359	89.00	1.20	1.50		2.50		FORD Duratec 30, 24 VALVE, incl Sport Wagon
ZZMN-23-200	NA		89.00	1.50	1.50		3.00		Ford Engine, 12 VALVE
1F01-23-200	NA		89.00	1.50	1.50		3.00		Ford Engine, 12 VALVE
AJ03-11-100A	NA		89.00	1.50	1.50		4.00		FORD Vulcan V6, 24 VALVE

MAZDA

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
MERCEDES-BENZ										
1796	1.8L	110	C230	2004 - 2006	4	M271.E18	F.I.	D.O.H.C.	271 030 00 24	SWE10984
1997	2.0L	122	190E	1986 - 1987	4	M102.962	F.I.	S.O.H.C.	002 030 16 24	SWE10384
1997	2.0L	122	190E	1987 - 1988	4	M102.962	F.I.	S.O.H.C.	002 030 16 24	SWE10384
1997	2.0L	122	190E	1991 - 1993	4	M102.962	F.I.	S.O.H.C.	002 030 66 24	SWE10384
2197	2.2L	134	190D	1984 - 1985	4	OM601.921	DIESEL		002 030 36 24	SDE10354
2197	2.2L	134	190D	1984 - 1985	4	OM601.921	DIESEL		002 030 36 24	SDE10354
2199	2.2L	134	C220	1994 - 1996	4	M111.960	F.I.	S.O.H.C.	002 030 93 24	<i>DISC. SWE10654</i>
2295	2.3L	140	C230	1997 - 1998	4	M111.970	F.I.	D.O.H.C.	003 030 87 24	SWE10764
2295	2.3L	140	C230	2002 - 2003	4	M111.970	F.I.	D.O.H.C.	003 030 87 24	SWE10764
2295	2.3L	140	SLK230	1998 - 2004	4	M111.970	F.I.	D.O.H.C.	003 030 87 24	SWE10764
2299	2.3L	140	190E	1984 ONLY	4	M102.985	F.I.	D.O.H.C.	002 030 54 24	<i>DISC. SWE10404</i>
2299	2.3L	140	190E	1984 ONLY	4	M102.985	F.I.	D.O.H.C.	002 030 54 24	<i>DISC. SWE10404</i>
2299	2.3L	140	190E	1984 - 1986	4	M102.985	F.I.	D.O.H.C.	002 030 54 24	<i>DISC. SWE10404</i>
2299	2.3L	140	190E	1984 - 1986	4	M102.985	F.I.	D.O.H.C.	002 030 54 24	<i>DISC. SWE10404</i>
2496	2.5L	152	C230	2006 - 2008	V6	M272.920	F.I.	D.O.H.C.	-	SWE12596
2497	2.5L	152	190D	1986 - 1989	5	OM602.911	DIESEL		-	SDE10365
2497	2.5L	152	190D	1987 ONLY	5	OM602.912	DIESEL		-	SDE10365
2597	2.6L	158	C240	2001 - 2006	V6	M112.E26	F.I.	S.O.H.C.	112 030 01 24	SWE10656*
2599	2.6L	159	190E	1988 - 1993	6	M103E26	F.I.	D.O.H.C.	-	SWE10536
2599	2.6L	159	260E	1987 - 1989	6	M103E26	F.I.	D.O.H.C.	-	SWE10536
2599	2.6L	159	300E	1990 - 1992	6	M103E26	F.I.	D.O.H.C.	-	SWE10536
2799	2.8L	171	C36 AMG	1994 - 1997	6	M104.941	F.I.	D.O.H.C.	-	SWE10506
2799	2.8L	171	C280	1994 - 1998	6	M104.941	F.I.	D.O.H.C.	-	SWE10506
2799	2.8L	171	300E	1993 ONLY	6	M104.942	F.I.	D.O.H.C.	-	SWE10656
2960	3.0L	181	300E	1990 - 1991	6	M103.980	F.I.	S.O.H.C.	-	SWE10496
2960	3.0L	181	300E	1990 - 1993	6	M103.980	F.I.	S.O.H.C.	-	SWE10496
2960	3.0L	181	300SE	1990 - 1991	6	M103.980	F.I.	S.O.H.C.	-	SWE10496
2960	3.0L	181	300SEL	1990 - 1991	6	M103.980	F.I.	S.O.H.C.	-	SWE10496
2960	3.0L	181	300TE	1990 - 1993	6	M103.980	F.I.	S.O.H.C.	-	SWE10496

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
271 030 25 17	X		82.00	1.20	1.50		2.50		16 VALVE
102 030 54 37 54	X		89.00	1.75	2.00		3.50		8 VALVE
102 030 94 37 54	X		89.00	1.75	2.00		3.50		8 VALVE
102 030 20 38 54	X		89.00	1.75	2.00		3.50		8 VALVE
601 030 06 17	X		87.00	2.00	2.00		3.00		AUTO TRANS
603 030 05 17	X		87.00	2.00	2.00		3.00		STD TRANS
111 030 66 17 52	X		89.90	1.50	1.75		3.00		18 VALVE
111 030 28 18 52	X		90.90	1.50	1.75		3.00		16 VALVE
111 030 28 18 52	X		90.90	1.50	1.75		3.00		16 VALVE
111 030 28 18 52	X		90.90	1.50	1.75		3.00		16 VALVE
102 030 72 17	X		95.50	1.75	2.00		3.50		AUTO TRANS, 16 VALVE
102 030 72 17	X		95.50	1.75	2.00		3.50		STD TRANS, 16 VALVE
102 030 00 38 52	X		95.50	1.75	2.00		3.50		AUTO TRANS, 16 VALVE
102 030 00 38 52	X		95.50	1.75	2.00		3.50		STD TRANS, 16 VALVE
272 030 40 17	X		88.00	1.50	1.75		2.50		24 VALVE
601 030 22 17	X		87.00	2.00	2.00		3.00		10 VALVE
602 030 00 17	X		87.00	2.00	2.00		3.00		w/ TURBO, 10 VALVE
112 030 29 17	X		89.90	1.50	1.75		3.00		18 VALVE
103 030 16 19 52	X		82.90	1.50	1.75		3.00		24 VALVE
103 030 16 19 52	X		82.90	1.50	1.75		3.00		24 VALVE
103 030 16 19 52	X		82.90	1.50	1.75		3.00		24 VALVE
104 030 74 17 52	X		89.90	1.50	1.75		3.00		24 VALVE
104 030 74 17 52	X		89.90	1.50	1.75		3.00		24 VALVE
104 030 44 17 52	X		89.90	1.50	1.75		3.00		24 VALVE
103 030 16 19 52	X		88.50	1.50	1.75		3.00		RWD, 12 VALVE
103 030 16 19 52	X		88.50	1.50	1.75		3.00		AWD, 12 VALVE
103 030 16 19 52	X		88.50	1.50	1.75		3.00		
103 030 16 19 52	X		88.50	1.50	1.75		3.00		12 VALVE
103 030 16 19 52	X		88.50	1.50	1.75		3.00		AWD, 12 VALVE

MERCEDES-BENZ

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
MERCEDES-BENZ										
2962	3.0L	181	190E	1987 - 1989	6	M103.E30	F.I.	S.O.H.C.	-	SWE10496
2962	3.0L	181	300CE	1988 - 1989	6	M103.E30	F.I.	S.O.H.C.	-	SWE10496
2962	3.0L	181	300E	1986 - 1989	6	M103.E30	F.I.	S.O.H.C.	-	SWE10496
2962	3.0L	181	300SE	1988 - 1989	6	M103.E30	F.I.	S.O.H.C.	-	SWE10496
2962	3.0L	181	300SEL	1988 - 1989	6	M103.E30	F.I.	S.O.H.C.	-	SWE10496
2962	3.0L	181	300TE	1988 - 1989	6	M103.E30	F.I.	S.O.H.C.	-	SWE10496
2962	3.0L	181	190E	1990 - 1991	6	M103.E30	F.I.	S.O.H.C.	-	SWE10496
2962	3.0L	181	190E	1992 ONLY	6	M103.E30	F.I.	S.O.H.C.	-	SWE10496
2962	3.0L	181	190E	1992 ONLY	6	M103.E30	F.I.	S.O.H.C.	-	SWE10496
2962	3.0L	181	300E	1992 ONLY	6	M103.E30	F.I.	S.O.H.C.	-	SWE10496
2962	3.0L	181	190E	1992 - 1993	6	M103.E30	F.I.	S.O.H.C.	-	SWE10496
2962	3.0L	181	190E	1992 - 1993	6	M103.E30	F.I.	S.O.H.C.	-	SWE10496
2962	3.0L	181	300E	1992 ONLY	6	M103.E30	F.I.	S.O.H.C.	-	SWE10496
2987	3.0L	182	E320 BlueTEC	2007 - 2010	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	E320 BlueTEC	2007 - 2010	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	E350 BlueTEC	2011 - 2012	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	E350 BlueTEC	2011 - 2012	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	GL320	2007 - 2010	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	GL320	2007 - 2010	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	GL350 BlueTEC	2010 - 2012	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	GL350 BlueTEC	2010 - 2012	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	ML320	2007 - 2010	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	ML320	2007 - 2010	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	ML350 BlueTEC	2010 - 2012	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	ML350 BlueTEC	2010 - 2012	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	R320	2007 - 2010	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	R320	2007 - 2010	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	R350 BlueTEC	2010 - 2012	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	R350 BlueTEC	2010 - 2012	V6	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	SPRINTER	2011 - 2012	V8	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2987	3.0L	182	SPRINTER	2011 - 2012	V8	OM642	DIESEL	D.O.H.C.	642 030 00 24	SDE12566
2988	3.0L	182	300CD	1984 - 1985	5	OM617.952	DIESEL	S.O.H.C.	001 030 39 24	SDE10265
2988	3.0L	182	300D	1984 - 1985	5	OM617.952	DIESEL	S.O.H.C.	001 030 39 24	SDE10265
2988	3.0L	182	300SD	1984 - 1985	5	OM617.952	DIESEL	S.O.H.C.	001 030 39 24	SDE10265
2988	3.0L	182	300TD	1984 - 1985	5	OM617.952	DIESEL	S.O.H.C.	001 030 39 24	SDE10265
2996	3.0L	183	300D	1986 - 1987	6	OM603.D30	DIESEL	D.O.H.C.	-	SDE10376
2996	3.0L	183	300SDL	1986 - 1987	6	OM603.D30	DIESEL	D.O.H.C.	-	SDE10376
2996	3.0L	183	300TD	1987 ONLY	6	OM603.D30	DIESEL	D.O.H.C.	-	SDE10376
2996	3.0L	183	300D	1990 - 1993	6	OM603.912	DIESEL	D.O.H.C.	003 030 11 24	SDE10486
2996	3.0L	183	E300	1995 - 1997	6	OM603.912	DIESEL	D.O.H.C.	002 030 53 24	SDE10486
2996	3.0L	183	E300	1998 ONLY	6	OM606.912	DIESEL	D.O.H.C.	003 030 11 24	SDE10486

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
MERCEDES-BENZ									
103 030 20 19 52	X		88.50	1.50	1.75		3.00		
103 030 20 19 52	X		88.50	1.50	1.75		3.00		
103 030 20 19 52	X		88.50	1.50	1.75		3.00		
103 030 20 19 52	X		88.50	1.50	1.75		3.00		
103 030 20 19 52	X		88.50	1.50	1.75		3.00		
103 030 17 18 52	X		88.50	1.50	1.75		3.00		
103 030 17 18 52	X		88.50	1.50	1.75		3.00		AUTO TRANS
103 030 17 18 52	X		88.50	1.50	1.75		3.00		STD TRANS
103 030 17 18 52	X		88.50	1.50	1.75		3.00		RWD
103 030 28 19 52	X		88.50	1.50	1.75		3.00		AUTO TRANS
103 030 28 19 52	X		88.50	1.50	1.75		3.00		STD TRANS
103 030 28 19 52	X		88.50	1.50	1.75		3.00		RWD
645 030 25 17	X		83.00	2.00	2.00		2.00		LEFT, 24 VALVE
642 030 24 17	X		83.00	2.00	2.00		2.00		RIGHT, 24 VALVE
645 030 25 17	X		83.00	2.00	2.00		2.00		LEFT, 24 VALVE
642 030 24 17	X		83.00	2.00	2.00		2.00		RIGHT, 24 VALVE
645 030 25 17	X		83.00	2.00	2.00		2.00		LEFT, 24 VALVE
642 030 24 17	X		83.00	2.00	2.00		2.00		RIGHT, 24 VALVE
645 030 25 17	X		83.00	2.00	2.00		2.00		LEFT, w/ TURBO, 24 VALVE
642 030 24 17	X		83.00	2.00	2.00		2.00		RIGHT, w/ TURBO, 24 VALVE
645 030 25 17	X		83.00	2.00	2.00		2.00		LEFT, 24 VALVE
642 030 24 17	X		83.00	2.00	2.00		2.00		RIGHT, 24 VALVE
645 030 25 17	X		83.00	2.00	2.00		2.00		LEFT, w/ TURBO, 24 VALVE
642 030 24 17	X		83.00	2.00	2.00		2.00		RIGHT, w/ TURBO, 24 VALVE
645 030 25 17	X		83.00	2.00	2.00		2.00		LEFT, 24 VALVE
642 030 24 17	X		83.00	2.00	2.00		2.00		RIGHT, 24 VALVE
645 030 25 17	X		83.00	2.00	2.00		2.00		LEFT, w/ TURBO, 24 VALVE
642 030 24 17	X		83.00	2.00	2.00		2.00		RIGHT, w/ TURBO, 24 VALVE
617 030 10 17	X		90.90	3.00	2.00		4.00		Include TURBO, 10 VALVE
617 030 10 17	X		90.90	3.00	2.00		4.00		Include TURBO, 10 VALVE
617 030 10 17	X		90.90	3.00	2.00		4.00		Include TURBO, 10 VALVE
617 030 10 17	X		90.90	3.00	2.00		4.00		Include TURBO, 10 VALVE
602 030 00 17	X		87.00	2.50	2.00		3.00		24 VALVE
602 030 00 17	X		87.00	2.50	2.00		3.00		24 VALVE
602 030 00 17	X		87.00	2.50	2.00		3.00		24 VALVE
605 030 02 17	X		87.00	2.50	2.00		3.00		24 VALVE
606 030 06 17	X		87.00	2.50	2.00		3.00		24 VALVE
605 030 02 17	X		87.00	2.50	2.00		3.00		24 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
MERCEDES-BENZ										
2996	3.0L	183	E300	1999 ONLY	6	OM606.913	DIESEL	D.O.H.C.	003 030 98 24	SDE10486
2996	3.0L	183	C280	2006 - 2008	V6	M272.940	F.I.	D.O.H.C.	-	SWE12656
2996	3.0L	195	C300	2008 - 2012	V6	M272.940	F.I.	D.O.H.C.	-	SWE12656
2996	3.0L	183	SLK280	2006 - 2008	V6	M272.940	F.I.	D.O.H.C.	-	SWE12656
2996	3.0L	183	SLK300	2009 - 2012	V6	M272.940	F.I.	D.O.H.C.	-	SWE12656
3199	3.2L	195	300SL	1990 - 1993	6	M104.942	F.I.	D.O.H.C.	-	SWE10656
3199	3.2L	195	300TE	1990 - 1992	6	M104.942	F.I.	D.O.H.C.	-	SWE10656
3199	3.2L	195	300CE	1990 - 1991	6	M104.943	F.I.	D.O.H.C.	-	SWE10506
3199	3.2L	195	E320	1994 - 1997	6	M104.944	F.I.	D.O.H.C.	-	SWE10506
3199	3.2L	195	S320	1994 - 1999	6	M104.944	F.I.	D.O.H.C.	-	SWE10506
3199	3.2L	195	SL320	1994 - 1997	6	M104.944	F.I.	D.O.H.C.	-	SWE10506
3199	3.2L	195	300CE	1992 - 1993	6	M104.992	F.I.	D.O.H.C.	-	SWE10506
3199	3.2L	195	300E	1993 ONLY	6	M104.992	F.I.	D.O.H.C.	-	SWE10506
3199	3.2L	195	300SE	1992 - 1993	6	M104.992	F.I.	D.O.H.C.	-	SWE10506
3199	3.2L	195	S320	1994 - 1997	6	M104.992	F.I.	D.O.H.C.	-	SWE10506
3199	3.2L	195	C32 AMG	2002 - 2004	V6	M112.E32	F.I.	S.O.H.C.	112 030 01 24	SWE10656
3199	3.2L	195	C280	1999 - 2000	V6	M112.E32	F.I.	S.O.H.C.	112 030 01 24	SWE10656
3199	3.2L	195	C320	2001 - 2006	V6	M112.E32	F.I.	S.O.H.C.	112 030 01 24	SWE10656
3199	3.2L	195	CLK320	1998 - 2005	V6	M112.E32	F.I.	S.O.H.C.	112 030 01 24	SWE10656
3199	3.2L	195	E320	1998 - 2005	V6	M112.E32	F.I.	S.O.H.C.	112 030 01 24	SWE10656
3199	3.2L	195	ML320	1998 - 2002	V6	M112.E32	F.I.	S.O.H.C.	112 030 01 24	SWE10656
3199	3.2L	195	SLK32 AMG	2002 - 2004	V6	M112.E32	F.I.	S.O.H.C.	112 030 01 24	SWE10656
3199	3.2L	195	SLK320	2001 - 2004	V6	M112.E32	F.I.	S.O.H.C.	112 030 01 24	SWE10656
3222	3.2L	197	E320 CDI	2005 - 2006	V6	OM648	DIESEL	D.O.H.C.	611 030 03 24	SDE12586
3449	3.4L	210	300SD	1992 - 1993	6	OM603.971	DIESEL		002 030 52 24	SDE10146
3449	3.4L	210	350SD	1990 - 1991	6	OM603.971	DIESEL		002 030 52 24	SDE10146
3449	3.4L	210	350SDL	1990 - 1991	6	OM603.971	DIESEL		002 030 52 24	SDE10146
3449	3.4L	210	S350	1994 - 1995	6	OM603.971	DIESEL		002 030 52 24	SDE10146
3498	3.5L	213	ML450 HYBRID	2010 - 2012	V6		F.I.	D.O.H.C.	-	NA
3498	3.5L	213	C350	2006 - 2012	V6	M272.960	F.I.	D.O.H.C.	-	SWE12606
3498	3.5L	213	CLK350	2006 - 2010	V6	M272.960	F.I.	D.O.H.C.	-	SWE12606
3498	3.5L	213	E350	2006 - 2012	V6	M272.960	F.I.	D.O.H.C.	-	SWE12606
3498	3.5L	213	GLK350	2010 - 2012	V6	M272.960	F.I.	D.O.H.C.	-	SWE12606
3498	3.5L	213	ML350	2008 - 2012	V6	M272.960	F.I.	D.O.H.C.	-	SWE12606
3498	3.5L	213	R350	2007 - 2012	V6	M272.960	F.I.	D.O.H.C.	-	SWE12606
3498	3.5L	213	SLK350	2005 - 2012	V6	M272.960	F.I.	D.O.H.C.	-	SWE12606

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
MERCEDES-BENZ									
605 030 04 17	X		87.00	2.50	2.00		3.00		24 VALVE
272 030 40 17	X		88.00	1.50	1.75		2.50		24 VALVE
272 030 40 17	X		88.00	1.50	1.75		2.50		24 VALVE
272 030 40 17	X		88.00	1.50	1.75		2.50		24 VALVE
272 030 40 17	X		88.00	1.50	1.75		2.50		24 VALVE
104 030 44 17 52	X		89.90	1.50	1.75		3.00		24 VALVE
104 030 44 17 52	X		89.90	1.50	1.75		3.00		24 VALVE
104 030 62 17 52	X		89.90	1.50	1.75		3.00		24 VALVE
104 030 66 17 52	X		89.90	1.50	1.75		3.00		24 VALVE
104 030 66 17 52	X		89.90	1.50	1.75		3.00		24 VALVE
104 030 66 17 52	X		89.90	1.50	1.75		3.00		24 VALVE
104 030 58 17 52	X		89.90	1.50	1.75		3.00		24 VALVE
104 030 58 17 52	X		89.90	1.50	1.75		3.00		24 VALVE
104 030 58 17 52	X		89.90	1.50	1.75		3.00		24 VALVE
104 030 58 17 52	X		89.90	1.50	1.75		3.00		24 VALVE
112 030 06 17	X		89.90	1.50	1.75		3.00		w/ VTECH, 18 VALVE
112 030 06 17	X		89.90	1.50	1.75		3.00		w/ VTECH, 18 VALVE
112 030 06 17	X		89.90	1.50	1.75		3.00		w/ VTECH, 18 VALVE
112 030 06 17	X		89.90	1.50	1.75		3.00		w/ VTECH, 18 VALVE
112 030 06 17	X		89.90	1.50	1.75		3.00		w/ VTECH, 18 VALVE
112 030 06 17	X		89.90	1.50	1.75		3.00		w/ VTECH, 18 VALVE
112 030 06 17	X		89.90	1.50	1.75		3.00		w/ VTECH, 18 VALVE
112 030 06 17	X		89.90	1.50	1.75		3.00		w/ VTECH, 18 VALVE
646 030 02 17	X		88.00	2.50	2.00		3.00		24 VALVE
603 030 16 17	X		89.00	2.50	2.00		3.00		
603 030 16 17	X		89.00	2.50	2.00		3.00		
603 030 16 17	X		89.00	2.50	2.00		3.00		
603 030 16 17	X		89.00	2.50	2.00		3.00		
-	X		92.90						24 VALVE
272 030 34 17	X		92.90	1.50	1.75		2.50		24 VALVE
272 030 34 17	X		92.90	1.50	1.75		2.50		24 VALVE
272 030 34 17	X		92.90	1.50	1.75		2.50		24 VALVE
272 030 34 17	X		92.90	1.50	1.75		2.50		24 VALVE
272 030 34 17	X		92.90	1.50	1.75		2.50		24 VALVE
272 030 34 17	X		92.90	1.50	1.75		2.50		24 VALVE
272 030 34 17	X		92.90	1.50	1.75		2.50		24 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
MERCEDES-BENZ										
3724	3.7L	227	ML350	2003 - 2007	V6	M112.E37	F.I.	S.O.H.C.	-	NA
3724	3.7L	227	S350	2006 ONLY	V6	M112.E37	F.I.	S.O.H.C.	-	NA
3839	3.8L	234	380SE	1984 - 1985	V8	M116.E38	F.I.		001 030 79 24	SWE10518
3839	3.8L	234	380SL	1984 - 1985	V8	M116.E38	F.I.		001 030 79 24	SWE10518
4196	4.2L	256	400E	1992 ONLY	V8	M116.E42	F.I.	D.O.H.C.	002 030 04 24	SWE10568
4196	4.2L	256	400SE	1992 ONLY	V8	M116.E42	F.I.	D.O.H.C.	002 030 04 24	SWE10568
4196	4.2L	256	420SEL	1986 - 1991	V8	M116.E42	F.I.	D.O.H.C.	002 030 04 24	SWE10568
4196	4.2L	256	400E	1992 - 1993	V8	M119.971	F.I.	D.O.H.C.	002 030 96 24	DISC. SWE10238
4196	4.2L	256	400SEL	1993 ONLY	V8	M119.971	F.I.	D.O.H.C.	002 030 96 24	DISC. SWE10238
4196	4.2L	256	E420	1994 - 1995	V8	M119.971	F.I.	D.O.H.C.	002 030 96 24	DISC. SWE10238
4196	4.2L	256	S420	1994 - 1995	V8	M119.971	F.I.	D.O.H.C.	002 030 96 24	DISC. SWE10238
4196	4.2L	256	E420	1997 ONLY	V8	M119.975	F.I.	D.O.H.C.	003 030 41 24	DISC. SWE10238
4196	4.2L	256	S420	1996 - 1999	V8	M119.975	F.I.	D.O.H.C.	003 030 41 24	DISC. SWE10238
4266	4.3L	260	CLK430	1999 - 2003	V8	M113.E43	F.I.	S.O.H.C.	112 030 01 24	SWE10658
4266	4.3L	260	E430	1998 ONLY	V8	M113.E43	F.I.	S.O.H.C.	112 030 03 24	SWE10658
4266	4.3L	260	E430	1999 - 2002	V8	M113.E43	F.I.	S.O.H.C.	112 030 01 24	SWE10658
4266	4.3L	260	ML430	1999 - 2001	V8	M113.E43	F.I.	S.O.H.C.	112 030 01 24	SWE10658
4266	4.3L	260	S430	2000 - 2006	V8	M113.E43	F.I.	S.O.H.C.	112 030 01 24	SWE10658
4663	4.7L	285	GL450	2007 - 2010	V8	M273.E47	F.I.	D.O.H.C.	-	SWE12608
4966	5.0L	303	CL500	2000 - 2006	V8	M113.E50	F.I.	S.O.H.C.	113 030 02 24	SWE10858
4966	5.0L	303	G500	2002 - 2008	V8	M113.E50	F.I.	S.O.H.C.	113 030 02 24	SWE10858
4966	5.0L	303	R500	2006 - 2008	V8	M113.E50	F.I.	S.O.H.C.	113 030 02 24	SWE10858
4966	5.0L	303	S500	2003 - 2006	V8	M113.E50	F.I.	S.O.H.C.	113 030 02 24	SWE10858
4966	5.0L	303	SL500	1999 - 2006	V8	M113.E50	F.I.	S.O.H.C.	113 030 02 24	SWE10858
4966	5.0L	303	CLK500	2003 - 2006	V8	M113.E50	F.I.	S.O.H.C.	113 030 01 24	SWE10858
4966	5.0L	303	CLS500	2006 ONLY	V8	M113.E50	F.I.	S.O.H.C.	113 030 01 24	SWE10858
4966	5.0L	303	E500	2003 - 2005	V8	M113.E50	F.I.	S.O.H.C.	113 030 01 24	SWE10858
4966	5.0L	303	ML500	2002 - 2008	V8	M113.E50	F.I.	S.O.H.C.	113 030 01 24	SWE10858
4973	5.0L	303	500SEC	1984 - 1985	V8	M117.964	F.I.	S.O.H.C.	002 030 07 24	SWE10248
4973	5.0L	303	500SEL	1984 - 1985	V8	M117.964	F.I.	S.O.H.C.	002 030 07 24	SWE10248
4973	5.0L	303	500SL	1990 - 1991	V8	M117.964	F.I.	S.O.H.C.	002 030 27 24	SWE10248
4973	5.0L	303	500E	1992 ONLY	V8	M117.964	F.I.	S.O.H.C.	002 030 70 24	SWE10248
4973	5.0L	303	500SEL	1992 ONLY	V8	M117.964	F.I.	S.O.H.C.	002 030 70 24	SWE10248
4973	5.0L	303	500SL	1992 ONLY	V8	M117.964	F.I.	S.O.H.C.	002 030 27 24	SWE10248

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1 S T	2 N D	3 R D	O 1	O 2	REMARK
-	X		97.00						18 VALVE
-	X		97.00						18 VALVE
116 030 95 17	X		88.00	1.50	2.00		3.50		w/ VTECH
116 030 95 17	X		88.00	1.50	2.00		3.50		w/ VTECH
116 030 74 18 55	X		92.00	1.50	2.00		3.50		w/ VTECH, 32 VALVE
116 030 74 18 55	X		92.00	1.50	2.00		3.50		w/ VTECH, 32 VALVE
116 030 74 18 55	X		92.00	1.50	2.00		3.50		w/ VTECH, 32 VALVE
119 030 33 17 52	X		92.00	1.50	1.75		3.50		w/ VTECH, 32 VALVE
119 030 33 17 52	X		92.00	1.50	1.75		3.50		w/ VTECH, 32 VALVE
119 030 33 17 52	X		92.00	1.50	1.75		3.50		w/ VTECH, 32 VALVE
119 030 33 17 52	X		92.00	1.50	1.75		3.50		w/ VTECH, 32 VALVE
119 030 45 17 52	X		92.00	1.50	1.75		3.50		w/ VTECH, 32 VALVE
119 030 45 17 52	X		92.00	1.50	1.75		3.50		w/ VTECH, 32 VALVE
112 030 06 17	X		89.90	1.50	1.75		3.00		w/ VTECH, 18 VALVE
112 030 06 17	X		89.90	1.50	1.75		3.00		w/ VTECH, 24 VALVE
112 030 06 17	X		89.90	1.50	1.75		3.00		w/ VTECH, 24 VALVE
112 030 06 17	X		89.90	1.50	1.75		3.00		w/ VTECH, 24 VALVE
112 030 06 17	X		89.90	1.50	1.75		3.00		w/ VTECH, 24 VALVE
273 030 22 17	X		92.90	1.50	1.75		2.50		32 VALVE
113 030 14 17	X		97.00	1.20	1.50		3.00		w/ VTECH, 24 VALVE
113 030 14 17	X		97.00	1.20	1.50		3.00		w/ VTECH, 24 VALVE
113 030 14 17	X		97.00	1.20	1.50		3.00		w/ VTECH, 24 VALVE
113 030 14 17	X		97.00	1.20	1.50		3.00		w/ VTECH, 24 VALVE
113 030 14 17	X		97.00	1.20	1.50		3.00		w/ VTECH, 24 VALVE
113 030 31 17	X		97.00	1.20	1.50		3.00		w/ VTECH, 24 VALVE
113 030 31 17	X		97.00	1.20	1.50		3.00		w/ VTECH, 24 VALVE
113 030 31 17	X		97.00	1.20	1.50		3.00		w/ VTECH, 24 VALVE
113 030 31 17	X		97.00	1.20	1.50		3.00		w/ VTECH, 24 VALVE
117 030 04 18 53	X		96.50	1.75	2.00		3.50		w/ VTECH, 16 VALVE
117 030 04 18 53	X		96.50	1.75	2.00		3.50		w/ VTECH, 16 VALVE
117 030 01 17 52	X		96.50	1.75	2.00		3.50		w/ VTECH, 16 VALVE
119 030 13 17 52	X		96.50	1.75	2.00		3.50		w/ VTECH, 16 VALVE
119 030 13 17 52	X		96.50	1.75	2.00		3.50		w/ VTECH, 16 VALVE
119 030 13 17 52	X		96.50	1.75	2.00		3.50		w/ VTECH, 16 VALVE

MERCEDES-BENZ

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
MERCEDES-BENZ										
4973	5.0L	303	500E	1993 ONLY	V8	M119.E50	F.I.	D.O.H.C.	002 030 73 24	SWE10248
4973	5.0L	303	500SEC	1993 ONLY	V8	M119.E50	F.I.	D.O.H.C.	002 030 73 24	SWE10248
4973	5.0L	303	500SEL	1993 ONLY	V8	M119.E50	F.I.	D.O.H.C.	002 030 73 24	SWE10248
4973	5.0L	303	500SL	1993 ONLY	V8	M119.E50	F.I.	D.O.H.C.	002 030 73 24	SWE10248
4973	5.0L	303	E500	1994 ONLY	V8	M119.E50	F.I.	D.O.H.C.	002 030 73 24	SWE10248
4973	5.0L	303	S500	1994 - 1995	V8	M119.E50	F.I.	D.O.H.C.	002 030 73 24	SWE10248
4973	5.0L	303	SL500	1994 - 1995	V8	M119.E50	F.I.	D.O.H.C.	002 030 73 24	SWE10248
4973	5.0L	303	C43 AMG	1999 - 2000	V8	M119.E50FE	F.I.	D.O.H.C.	003 030 35 24	DISC. SWE10788
4973	5.0L	303	CL500	1998 - 1999	V8	M119.E50FE	F.I.	D.O.H.C.	003 030 35 24	DISC. SWE10788
4973	5.0L	303	S500	1996 - 1998	V8	M119.E50FE	F.I.	D.O.H.C.	003 030 35 24	DISC. SWE10788
4973	5.0L	303	S500	1999 ONLY	V8	M119.E50FE	F.I.	D.O.H.C.	003 030 34 24	DISC. SWE10788
4973	5.0L	303	SL500	1996 - 1998	V8	M119.E50FE	F.I.	D.O.H.C.	003 030 35 24	DISC. SWE10788
5439	5.4L	332	CLK55 AMG	2001 - 2006	V8	M113.E55	F.I.	S.O.H.C.	113 030 03 24	NA
5439	5.4L	332	CLS55 AMG	2006 ONLY	V8	M113.E55	F.I.	S.O.H.C.	113 030 03 24	NA
5439	5.4L	332	E55 AMG	1999 - 2006	V8	M113.E55	F.I.	S.O.H.C.	113 030 03 24	NA
5439	5.4L	332	C55 AMG	2005 - 2006	V8	M113.E55	F.I.	S.O.H.C.	113 030 00 24	NA
5439	5.4L	332	ML55 AMG	2000 - 2003	V8	M113.E55	F.I.	S.O.H.C.	113 030 00 24	NA
5439	5.4L	332	S55 AMG	2001 - 2006	V8	M113.E55	F.I.	S.O.H.C.	113 030 00 24	NA
5439	5.4L	332	CL55 AMG	2001 - 2006	V8	M113.E55	F.I.	S.O.H.C.	113 030 06 24	NA
5439	5.4L	332	G55 AMG	2003 - 2010	V8	M113.E55	F.I.	S.O.H.C.	113 030 06 24	NA
5439	5.4L	332	SL55 AMG	2003 - 2008	V8	M113.E55	F.I.	S.O.H.C.	113 030 06 24	NA
5439	5.4L	332	SLK55 AMG	2005 - 2010	V8	M113.E55	F.I.	S.O.H.C.	113 030 06 24	NA
5439	5.4L	332	SLR McLaren	2008 - 2010	V8	M155.ML55	F.I.	S.O.H.C.	-	NA
5461	5.5L	333	CL550	2007 - 2012	V8	M273.E55	F.I.	D.O.H.C.	-	SWE12618
5461	5.5L	333	CLK550	2007 - 2012	V8	M273.E55	F.I.	D.O.H.C.	-	SWE12618
5461	5.5L	333	CLS550	2007 - 2012	V8	M273.E55	F.I.	D.O.H.C.	-	SWE12618
5461	5.5L	333	E550	2007 - 2012	V8	M273.E55	F.I.	D.O.H.C.	-	SWE12618
5461	5.5L	333	G550	2009 - 2012	V8	M273.E55	F.I.	D.O.H.C.	-	SWE12618
5461	5.5L	333	GL550	2009 - 2010	V8	M273.E55	F.I.	D.O.H.C.	-	SWE12618
5461	5.5L	333	ML550	2008 - 2012	V8	M273.E55	F.I.	D.O.H.C.	-	SWE12618
5461	5.5L	333	S550	2007 - 2012	V8	M273.E55	F.I.	D.O.H.C.	-	SWE12618
5461	5.5L	333	SL500	2007 - 2008	V8	M273.E55	F.I.	D.O.H.C.	-	SWE12618
5461	5.5L	333	SL550	2009 - 2012	V8	M273.E55	F.I.	D.O.H.C.	-	SWE12618
5461	5.5L	333	CL63 AMG	2011 - 2012	V8	M157	F.I.	D.O.H.C.	-	NA
5461	5.5L	333	CLS63 AMG	2012 NEW	V8	M157	F.I.	D.O.H.C.	-	NA
5461	5.5L	333	E63 AMG	2012 NEW	V8	M157	F.I.	D.O.H.C.	-	NA
5461	5.5L	333	S63 AMG	2011 - 2012	V8	M157	F.I.	D.O.H.C.	-	NA
5513	5.5L	336	CL600	2003 - 2012	V12	M275	F.I.	S.O.H.C.	-	SWE109812
5513	5.5L	336	S600	2003 - 2012	V12	M275	F.I.	S.O.H.C.	-	SWE109812
5513	5.5L	336	SL600	2004 - 2009	V12	M275	F.I.	S.O.H.C.	-	SWE109812

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
MERCEDES-BENZ									
119 030 37 17 52	X		96.50	1.75	2.00		3.50		w/ VTECH, 32 VALVE
119 030 37 17 52	X		96.50	1.75	2.00		3.50		w/ VTECH, 32 VALVE
119 030 37 17 52	X		96.50	1.75	2.00		3.50		w/ VTECH, 32 VALVE
119 030 37 17 52	X		96.50	1.75	2.00		3.50		w/ VTECH, 32 VALVE
119 030 37 17 52	X		96.50	1.75	2.00		3.50		w/ VTECH, 32 VALVE
119 030 37 17 52	X		96.50	1.75	2.00		3.50		w/ VTECH, 32 VALVE
119 030 57 17 52	X		96.50	1.50	1.75		3.00		w/ VTECH, 32 VALVE
119 030 57 17 52	X		96.50	1.50	1.75		3.00		w/ VTECH, 32 VALVE
119 030 57 17 52	X		96.50	1.50	1.75		3.00		w/ VTECH, 32 VALVE
119 030 57 17 52	X		96.50	1.50	1.75		3.00		w/ VTECH, 32 VALVE
119 030 57 17 52	X		96.50	1.50	1.75		3.00		w/ VTECH, 32 VALVE
113 030 01 17	X		97.00						w/ VTECH, 24 VALVE
113 030 01 17	X		97.00						w/ VTECH, 24 VALVE
113 030 01 17	X		97.00						w/ VTECH, 24 VALVE
113 030 03 17	X		97.00						24 VALVE
113 030 03 17	X		97.00						24 VALVE
113 030 03 17	X		97.00						24 VALVE
113 030 15 17	X		97.00						24 VALVE
113 030 15 17	X		97.00						24 VALVE
113 030 15 17	X		97.00						24 VALVE
113 030 15 17	X		97.00						24 VALVE
-	X		97.00						24 VALVE
273 030 21 17	X		98.00	1.20	1.50		2.50		w/ TURBO, 32 VALVE
273 030 21 17	X		98.00	1.20	1.50		2.50		32 VALVE
273 030 21 17	X		98.00	1.20	1.50		2.50		32 VALVE
273 030 21 17	X		98.00	1.20	1.50		2.50		32 VALVE
273 030 21 17	X		98.00	1.20	1.50		2.50		32 VALVE
273 030 21 17	X		98.00	1.20	1.50		2.50		32 VALVE
273 030 21 17	X		98.00	1.20	1.50		2.50		w/ TURBO, 32 VALVE
273 030 21 17	X		98.00	1.20	1.50		2.50		32 VALVE
273 030 21 17			98.00	1.20	1.50		2.50		32 VALVE
-	NA		98.00						w/ TURBO, 32 VALVE
-	NA		98.00						w/ TURBO, 32 VALVE
-	NA		98.00						w/ TURBO, 32 VALVE
-	NA		98.00						w/ TURBO, 32 VALVE
275 030 15 17	X		82.00	1.20	1.50		2.50		w/ TURBO, 36 VALVE
275 030 15 17	X		82.00	1.20	1.50		2.50		w/ TURBO, 36 VALVE
275 030 15 17	X		82.00	1.20	1.50		2.50		w/ TURBO, 36 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
MERCEDES-BENZ										
5547	5.5L	338	560SEC	1986 - 1991	V8	M117	F.I.	D.O.H.C.	002 030 07 24	SWE10248
5547	5.5L	338	560SEL	1986 - 1991	V8	M117	F.I.	D.O.H.C.	002 030 07 24	SWE10248
5547	5.5L	338	560SL	1986 - 1991	V8	M117	F.I.	D.O.H.C.	002 030 07 24	SWE10248
5786	5.8L	353	CL600	2001 - 2004	V12	M137	F.I.	S.O.H.C.	137 030 01 24	SWE109712
5786	5.8L	353	S600	2001 - 2002	V12	M137	F.I.	S.O.H.C.	137 030 01 24	SWE109712
5980	6.0L	365	CL65 AMG	2005 - 2012	V12	M275.AMG	F.I.	S.O.H.C.	-	SWE125412
5980	6.0L	365	S65 AMG	2007 - 2012	V12	M275.AMG	F.I.	S.O.H.C.	-	SWE125412
5980	6.0L	365	SL65 AMG	2005 - 2012	V12	M275.AMG	F.I.	S.O.H.C.	-	SWE125412
5987	6.0L	365	600SEC	1992 - 1993	V12	M120.E60	F.I.	D.O.H.C.	002 030 90 24	SWE108012
5987	6.0L	365	600SEL	1992 - 1993	V12	M120.E60	F.I.	D.O.H.C.	002 030 90 24	SWE108012
5987	6.0L	365	600SL	1992 - 1998	V12	M120.E60	F.I.	D.O.H.C.	002 030 90 24	SWE108012
5987	6.0L	365	CL600	1992 - 1999	V12	M120.E60	F.I.	D.O.H.C.	003 030 46 24	SWE108012
5987	6.0L	365	S600	1994 ONLY	V12	M120.E60	F.I.	D.O.H.C.	002 030 90 24	SWE108012
5987	6.0L	365	S600	1994 - 1998	V12	M120.E60	F.I.	D.O.H.C.	003 030 46 24	SWE108012
5987	6.0L	365	S600	1999 ONLY	V12	M120.E60	F.I.	D.O.H.C.	002 030 90 24	SWE108012
5987	6.0L	365	SL600	1994 ONLY	V12	M120.E60	F.I.	D.O.H.C.	002 030 90 24	SWE108012
5987	6.0L	365	SL600	1995 - 2002	V12	M120.E60	F.I.	D.O.H.C.	003 030 46 24	SWE108012
6208	6.2L	379	C63 AMG	2008 - 2012	V8	M156	F.I.	D.O.H.C.	156 030 00 24	DISC. SWE12628
6208	6.2L	379	CL63 AMG	2008 - 2012	V8	M156	F.I.	D.O.H.C.	156 030 00 24	DISC. SWE12628
6208	6.2L	379	CLK63 AMG	2007 - 2008	V8	M156	F.I.	D.O.H.C.	156 030 00 24	DISC. SWE12628
6208	6.2L	379	CLS63 AMG	2007 - 2010	V8	M156	F.I.	D.O.H.C.	156 030 00 24	DISC. SWE12628
6208	6.2L	379	E63 AMG	2007 - 2012	V8	M156	F.I.	D.O.H.C.	156 030 00 24	DISC. SWE12628
6208	6.2L	379	ML63 AMG	2007 - 2012	V8	M156	F.I.	D.O.H.C.	156 030 00 24	DISC. SWE12628
6208	6.2L	379	R63 AMG	2007 - 2008	V8	M156	F.I.	D.O.H.C.	156 030 00 24	DISC. SWE12628
6208	6.2L	379	S63 AMG	2008 - 2012	V8	M156	F.I.	D.O.H.C.	156 030 00 24	DISC. SWE12628
6208	6.2L	379	SL63 AMG	2008 - 2012	V8	M156	F.I.	D.O.H.C.	156 030 00 24	DISC. SWE12628
6208	6.2L	379	SLS	2011 - 2012	V8	M156	F.I.	D.O.H.C.	156 030 00 24	DISC. SWE12628
MERCEDES-BENZ - END										

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
MERCEDES-BENZ									
117 030 09 18 53	X		96.50	1.75	2.00		3.50		w/ VTECH, 32 VALVE
117 030 09 18 53	X		96.50	1.75	2.00		3.50		w/ VTECH, 32 VALVE
117 030 09 18 53	X		96.50	1.75	2.00		3.50		w/ VTECH, 32 VALVE
137 030 08 17	X		84.00	1.20	1.50		2.50		36 VALVE
137 030 08 17	X		84.00	1.20	1.50		2.50		36 VALVE
275.030.16.17	X		82.60	1.20	1.00		2.00		w/ TURBO, 36 VALVE
275.030.16.17	X		82.60	1.20	1.00		2.00		w/ TURBO, 36 VALVE
275.030.16.17	X		82.60	1.20	1.00		2.00		w/ TURBO, 36 VALVE
120 030 40 17 52	X		89.00	1.50	2.00		3.00		w/ VTECH, 48 VALVE
120 030 40 17 52	X		89.00	1.50	2.00		3.00		w/ VTECH, 48 VALVE
120 030 40 17 52	X		89.00	1.50	2.00		3.00		w/ VTECH, 48 VALVE
120 030 40 17 52	X		89.00	1.50	2.00		3.00		w/ VTECH, 48 VALVE
120 030 40 17 52	X		89.00	1.50	2.00		3.00		w/ VTECH, 48 VALVE
120 030 40 17 52	X		89.00	1.50	2.00		3.00		w/ VTECH, 48 VALVE
120 030 40 17 52	X		89.00	1.50	2.00		3.00		w/ VTECH, 48 VALVE
120 030 40 17 52	X		89.00	1.50	2.00		3.00		w/ VTECH, 48 VALVE
120 030 40 17 52	X		89.00	1.50	2.00		3.00		w/ VTECH, 48 VALVE
156 030 09 17	X		102.20	1.20	1.75		2.00		32 VALVE
156 030 09 17	X		102.20	1.20	1.75		2.00		w/ TURBO, 32 VALVE
156 030 09 17	X		102.20	1.20	1.75		2.00		32 VALVE
156 030 09 17	X		102.20	1.20	1.75		2.00		32 VALVE
156 030 09 17	X		102.20	1.20	1.75		2.00		32 VALVE
156 030 09 17	X		102.20	1.20	1.75		2.00		32 VALVE
156 030 09 17	X		102.20	1.20	1.75		2.00		w/ TURBO, 32 VALVE
156 030 09 17	X		102.20	1.20	1.75		2.00		32 VALVE
156 030 09 17	X		102.20	1.20	1.75		2.00		32 VALVE
MERCEDES-BENZ - END									

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
MITSUBISHI										
1468	1.5L	90	MIRAGE	1984 - 1986	4	G15B	CARB	S.O.H.C.	MD156165	SWM31063
1468	1.5L	90	PRECIS	1987 - 1989	4	G15B	CARB	S.O.H.C.	23040-21210	SWM31063
1468	1.5L	90	MIRAGE	1987 - 1989	4	G15B	CARB	S.O.H.C.	MD156165	SWM31063
1468	1.5L	90	MIRAGE	1990 ONLY	4	4G15	F.I.	S.O.H.C.	MD156169	SWM31063
1468	1.5L	90	PRECIS	1990 - 1994	4	G4DJ	CARB	S.O.H.C.	23040-24200	SWM31063
1468	1.5L	90	MIRAGE	1991 - 1996	4	4G15	F.I.	S.O.H.C.	MD180804	SWM31076
1468	1.5L	90	MIRAGE	1995 - 1996	4	4G15	F.I.	S.O.H.C.	MD180804	SWM31076
1468	1.5L	90	MIRAGE	1997 - 1999	4	4G15	F.I.	S.O.H.C.	MD332715	SWM31145
1468	1.5L	90	MIRAGE	1997 - 2002	4	4G15	F.I.	S.O.H.C.	MD332715	SWM31145
1595	1.6L	97	MIRAGE	1989 ONLY	4	4G61	F.I.	D.O.H.C.	MD133495	SWM31049
1595	1.6L	97	MIRAGE	1991 - 1992	4	4G61	F.I.	D.O.H.C.	MD133495	SWM31049
1597	1.6L	97	MIRAGE	1984 - 1986	4	G32B	F.I.	S.O.H.C.	MD012765	SWM31043
1597	1.6L	97	MIRAGE	1987 - 1988	4	G32B	F.I.	S.O.H.C.	MD012765	SWM31043
1755	1.8L	107	ECLIPSE	1990 - 1994	4	4G37	F.I.	S.O.H.C.	MD040465	SWM31041
1795	1.8L	110	CORDIA	1983 ONLY	4	G62B	CARB	S.O.H.C.	MD040610	SWM31040
1795	1.8L	110	TREDIA	1983 ONLY	4	G62B	CARB	S.O.H.C.	MD040610	SWM31040
1795	1.8L	110	CORDIA	1984 - 1988	4	G62B	CARB	S.O.H.C.	MD040465	SWM31041
1795	1.8L	110	TREDIA	1984 - 1988	4	G62B	CARB	S.O.H.C.	MD040465	SWM31041
1834	1.8L	112	EXPO, EXPO LRV	1992 - 1994	4	4G93	F.I.	S.O.H.C.	MD173206	SWM31079
1834	1.8L	112	MIRAGE	1997 - 2002	4	4G93	F.I.	S.O.H.C.	MD173206	SWM31079
1834	1.8L	112	MIRAGE	1997 - 1999	4	4G93	F.I.	S.O.H.C.	MD173206	SWM31079
1834	1.8L	112	MIRAGE	1993 - 1996	4	4G93	F.I.	S.O.H.C.	MD173206	SWM31079
1997	2.0L	122	CORDIA	1984 - 1988	4	G63B	CARB	S.O.H.C.	MD040640	SWM31013
1997	2.0L	122	PICKUP	1983 - 1986	4	G63B	CARB	S.O.H.C.	MD040640	SWM31013
1997	2.0L	122	TREDIA	1984 - 1988	4	G63B	CARB	S.O.H.C.	MD040640	SWM31013
1997	2.0L	122	GALANT	1989 - 1992	4	G63B	F.I.	S.O.H.C.	MD100467	SWM31044
1997	2.0L	122	MIGHTY MAX	1988 - 1989	4	G63B	F.I.	S.O.H.C.	MD100467	SWM31044
1997	2.0L	122	PICKUP	1987 - 1989	4	G63B	F.I.	S.O.H.C.	MD100467	SWM31044
1997	2.0L	122	ECLIPSE	1989 - 1992	4	4G63	F.I.	D.O.H.C.	MD144245	SWM31048
1997	2.0L	122	GALANT	1989 - 1991	4	4G63	F.I.	D.O.H.C.	MD144245	SWM31048

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
MITSUBISHI									
MD074715	11-529	308	75.50	1.50	1.50		4.00		12 VALVE
23410-21114	11-529	308	75.50	1.50	1.50		4.00		12 VALVE
MD099770	11-530	308	75.50	1.50	1.50		4.00		8 VALVE
MD099770	11-530	308	75.50	1.50	1.50		4.00		8 VALVE
23410-24110	11-530	308	75.50	1.50	1.50		4.00		8 VALVE
MD320435	11-531	308	75.50	1.20	1.50		3.00		12 VALVE
MD314825	NA		75.50	1.20	1.50		3.00		w/ CALIF E.C.S., 12 VALVE
MD332841	DISC. 11-748		75.50	1.20	1.50		2.80		12 VALVE
MD347238	NA		75.50	1.20	1.50		2.80		w/ CALIF E.C.S., 12 VALVE
MD135272	NA		82.30	1.20	1.50		3.00		w/ TURBO, 16 VALVE
MD129932	DISC. 11-546		82.30	1.20	1.50		3.00		GS, 16 VALVE
MD074471	DISC. 11-024		77.00	1.50	1.50		4.00		w/ TURBO, 12 VALVE
MD100254	DISC. 11-532		77.00	1.50	1.50		4.00		w/ TURBO, 12 VALVE
MD100416	11-545	310	80.60	1.50	1.50		4.00		8 VALVE
MD040571	DISC. 11-033		80.60	2.00	2.00		4.00		12 VALVE
MD040571	DISC. 11-033		80.60	2.00	2.00		4.00		12 VALVE
MD074221	DISC. 11-034		80.60	1.50	1.50		4.00		w/ TURBO, 12 VALVE
MD074221	DISC. 11-034		80.60	1.50	1.50		4.00		w/ TURBO, 12 VALVE
MD183457	DISC. 11-548		81.00	1.20	1.20		2.80		16 VALVE
MD347630	DISC. 11-761		81.00	1.20	1.20		2.80		w/ CALIF E.C.S., 16 VALVE
MD314278	DISC. 11-761		81.00	1.20	1.20		2.80		16 VALVE
MD318097	11-767	340	81.00	1.20	1.20		2.80		16 VALVE
MD040591	11-027	294	85.00	2.00	2.00		4.00		12 VALVE
MD040591	11-027	294	85.00	2.00	2.00		4.00		12 VALVE
MD040591	11-027	294	85.00	2.00	2.00		4.00		12 VALVE
MD100372	11-539	309	85.00	1.50	1.50		4.00		12 VALVE
MD100372	11-539	309	85.00	1.50	1.50		4.00		12 VALVE
MD100372	11-539	309	85.00	1.50	1.50		4.00		12 VALVE
MD129922	11-540	309	85.00	1.20	1.50		3.00		16 VALVE
MD129922	11-540	309	85.00	1.20	1.50		3.00		16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
MITSUBISHI										
1997	2.0L	122	ECLIPSE	1989 - 1991	4	4G63	F.I.	D.O.H.C.	MD140923	SWM31048
1997	2.0L	122	GALANT	1992 ONLY	4	4G63	F.I.	D.O.H.C.	MD140923	SWM31048
1997	2.0L	122	GALANT	1992 ONLY	4	4G63	F.I.	D.O.H.C.	MD144245	SWM31048
1997	2.0L	122	GALANT	1993 ONLY	4	4G63	F.I.	S.O.H.C.	MD195805	SWM31103
1997	2.0L	122	ECLIPSE	1993 - 1994	4	4G63	F.I.	D.O.H.C.	MD195867	SWM31071
1997	2.0L	122	ECLIPSE	1993 - 1994	4	4G63	F.I.	D.O.H.C.	MD176437	SWM31071
1997	2.0L	122	ECLIPSE	1995 ONLY	4	420A	F.I.	D.O.H.C.	M04741401	SWM31120
1997	2.0L	122	ECLIPSE	1996 - 1999	4	420A	F.I.	D.O.H.C.	M04741401	SWM31120
1997	2.0L	122	ECLIPSE	1995 - 1998	4	4G63	F.I.	D.O.H.C.	MD313405	SWM31103
1997	2.0L	122	LANCER EVO.	2003 - 2007	4	4G63	F.I.	D.O.H.C.	-	NA
1998	2.0L	122	LANCER	2009 - 2012	4	4B11	F.I.	D.O.H.C.	-	SWG30042
1998	2.0L	122	OUTLANDER SPORT	2010 - 2012	4	4B11	F.I.	D.O.H.C.	-	SWG30042
1998	2.0L	122	LANCER EVO.	2008 - 2012	4	4B11T	F.I.	D.O.H.C.	-	SWG30042
1999	2.0L	122	LANCER	2002 ONLY	4	4G94	F.I.	S.O.H.C.	MD371189	NA
1999	2.0L	122	LANCER	2003 - 2006	4	4G94	F.I.	S.O.H.C.	MD371157	NA
1999	2.0L	122	LANCER	2003 - 2006	4	4G94	F.I.	S.O.H.C.	MN155259	NA
2346	2.3L	143	PICKUP	1983 - 1985	4	4D55	DIESEL	S.O.H.C.	MD103391	SDM31038
2350	2.4L	143	MIGHTY MAX	1993 - 1996	4	4G64	F.I.	S.O.H.C.	MD195872	SWM31072
2350	2.4L	143	PICKUP	1993 - 1996	4	4G64	F.I.	S.O.H.C.	MD195872	SWM31072
2350	2.4L	143	GALANT	1984 - 1986	4	G64B	F.I.	S.O.H.C.	MD085346	SWM31037
2350	2.4L	143	EXPO, EXPO LRV	1992 ONLY	4	4G64	F.I.	S.O.H.C.	MD085346	SWM31037
2350	2.4L	143	GALANT	1987 - 1988	4	G64B	F.I.	S.O.H.C.	MD085346	SWM31037
2350	2.4L	143	MIGHTY MAX	1990 - 1992	4	4G64	F.I.	S.O.H.C.	MD085346	SWM31037
2350	2.4L	143	PICKUP	1990 - 1992	4	4G64	F.I.	S.O.H.C.	MD085346	SWM31037
2350	2.4L	143	VAN	1987 - 1991	4	G64B	F.I.	S.O.H.C.	MD085346	SWM31037
2350	2.4L	143	GALANT	1999 - 2004	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116
2350	2.4L	143	ECLIPSE	1997 - 1999	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
MITSUBISHI									
MD129232	11-546	310	85.00	1.20	1.50		3.00		w/ TURBO, 16 VALVE
MD129232	11-546	310	85.00	1.20	1.50		3.00		w/ TURBO, 16 VALVE
MD129242	NA		85.00	1.20	1.50		3.00		16 VALVE
MD188097	DISC. 11-710		85.00	1.20	1.50		2.80		16 VALVE
MD190262	11-718	330	85.00	1.20	1.50		3.00		16 VALVE
MD308200	11-719	330	85.00	1.20	1.50		3.00		w/ TURBO, 16 VALVE
M04741372	11-735	334	87.50	1.20	1.20		3.00		16 VALVE
M04797613	11-735	334	87.50	1.20	1.20		3.00		16 VALVE
MD307820	11-758	339	85.00	1.20	1.50		2.80		w/ TURBO, 16 VALVE
-	NA		85.00	1.20	1.20		2.00		16 VALVE
-	NA		86.00	1.20	1.20		2.00		DE, ES, RALLIART, 16 VALVE
-	NA		86.00	1.20	1.20		2.00		16 VALVE
-	NA		86.00	1.20	1.20		2.00		16 VALVE
MD375975	NA*		81.50	1.20	1.20		2.50		16 VALVE
MN187171	NA*		81.50	1.20	1.20		2.50		16 VALVE
MN183229	NA		81.50						w/TURBO, 16 VALVE
MD103308	11-028	295	91.10	2.50	2.00		4.00		
MD188998	11-536	308	86.50	1.20	1.50		3.00		12 VALVE
MD188998	11-536	308	86.50	1.20	1.50		3.00		12 VALVE
MD068759	DISC. 11-537		86.50	1.50	1.50		4.00		12 VALVE
MD105377	11-538	309	86.50	1.50	1.50		4.00		12 VALVE
MD105377	11-538	309	86.50	1.50	1.50		4.00		12 VALVE
MD105377	11-538	309	86.50	1.50	1.50		4.00		12 VALVE
MD105377	11-538	309	86.50	1.50	1.50		4.00		12 VALVE
MD105377	11-538	309	86.50	1.50	1.50		4.00		12 VALVE
MD351183	NA		86.50	1.20	1.50		2.80		16 VALVE
MD347952	NA		86.50	1.20	1.50		2.80		GS, w/ CALIF. E.C.S., 16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
MITSUBISHI										
2350	2.4L	143	ECLIPSE	1997 - 1999	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116
2350	2.4L	143	EXPO, EXPO LRV	1993 - 1995	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116
2350	2.4L	143	GALANT	1994 ONLY	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116
2350	2.4L	143	GALANT	1995 - 1998	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116
2350	2.4L	143	MONTERO SPORT	1997 - 1999	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116
2350	2.4L	143	ECLIPSE	2000 - 2005	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116
2350	2.4L	143	ECLIPSE SPYDER	2001 - 2005	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116
2350	2.4L	143	GALANT	1999 ONLY	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116
2350	2.4L	143	OUTLANDER	2003 - 2005	4	4G64	F.I.	S.O.H.C.	MD195828	SWM31116
2360	2.4L	144	LANCER	2009 - 2012	4	4B12	F.I.	D.O.H.C.	-	SWG30041
2360	2.4L	144	OUTLANDER	2008 - 2012	4	4B12	F.I.	D.O.H.C.	-	SWG30041
2360	2.4L	144	OUTLANDER SPORT	2008 - 2009	4	4B12	F.I.	D.O.H.C.	-	SWG30041
2378	2.4L	145	LANCER	2003 - 2006	4	4G69	F.I.	S.O.H.C.	-	NA
2378	2.4L	145	OUTLANDER	2004 - 2006	4	4G69	F.I.	S.O.H.C.	-	NA
2378	2.4L	145	OUTLANDER SPORT	2004 - 2006	4	4G69	F.I.	S.O.H.C.	-	NA
2378	2.4L	145	ECLIPSE	2006 - 2012	4	4G69	F.I.	S.O.H.C.	-	NA
2378	2.4L	145	ECLIPSE SPYDER	2006 - 2012	4	4G69	F.I.	S.O.H.C.	-	NA
2378	2.4L	145	GALANT	2005 - 2012	4	4G69	F.I.	S.O.H.C.	-	NA
2555	2.6L	156	MONTERO	1983 ONLY	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	PICKUP	1983 - 1985	4	G54B	CARB	S.O.H.C.	MD026835	SWM31047
2555	2.6L	156	MIGHTY MAX	1988 - 1989	4	G54B	C & F	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	MONTERO	1984 - 1989	4	G54B	C & F	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	PICKUP	1986 - 1989	4	G54B	CARB	S.O.H.C.	MD061258	SWM31039
2555	2.6L	156	STARION	1983 - 1989	4	G54B	F.I.	S.O.H.C.	MD061258	SWM31039
2972	3.0L	181	DIAMANTE	1991 - 1996	V6	6G72	F.I.	S.O.H.C.	MD329755	SWM31078
2972	3.0L	181	3000GT	1990 - 1997	V6	6G72	F.I.	D.O.H.C.	MD158334	SWM31078
2972	3.0L	181	3000GT	1995 - 1999	V6	6G72	F.I.	D.O.H.C.	MD334192	SWM31078
2972	3.0L	181	DIAMANTE	1991 - 1996	V6	6G72	F.I.	S.O.H.C.	MD158334	SWM31078
2972	3.0L	181	3000GT	1990 - 1999	V6	6G72	F.I.	D.O.H.C.	MD158334	SWM31078

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
MITSUBISHI									
MD303071	11-709	329	86.50	1.20	1.50		2.80		GS, 16 VALVE
MD188115	11-709	329	86.50	1.20	1.50		2.80		16 VALVE
MD188115	11-709	329	86.50	1.20	1.50		2.80		16 VALVE
MD303071	11-709	329	86.50	1.20	1.50		2.80		16 VALVE
MD341734	DISC. 11-763		86.50	1.20	1.50		2.80		16 VALVE
MD357067	11-804	346	86.50	1.20	1.50		2.80		GS, 16 VALVE
MD357067	11-804	346	86.50	1.20	1.50		2.80		RS, GS, 16 VALVE
MD357067	11-804	346	86.50	1.20	1.50		2.80		w/ CALIF. E.C.S., 16 VALVE
MD357066	11-804	346	86.50	1.20	1.50		2.80		16 VALVE
-	NA		88.00	1.20	1.20		2.00		GTS, 16 VALVE
-	NA		88.00	1.20	1.20		2.00		16 VALVE, Incl. Sportback
-	NA		88.00	1.20	1.20		2.00		16 VALVE
-	NA		87.00	1.20	1.50		2.00		16 VALVE
-	NA		87.00	1.20	1.50		2.00		16 VALVE, Incl. Sportback
-	NA		87.00	1.20	1.50		2.00		16 VALVE
-	NA		87.00	1.20	1.20		2.00		GS, 16 VALVE
-	NA		87.00	1.20	1.20		2.00		GS, 16 VALVE
-	NA		87.00	1.20	1.20		2.00		16 VALVE
MD026921	11-031	295	91.10	2.00	2.00		4.00		12 VALVE
MD026921	11-031	295	91.10	2.00	2.00		4.00		12 VALVE
MD071172	11-035	295	91.10	1.50	1.50		4.00		12 VALVE
MD071172	11-035	295	91.10	1.50	1.50		4.00		12 VALVE
MD071172	11-035	295	91.10	1.50	1.50		4.00		12 VALVE
MD128450	DISC. 11-544		91.10	1.50	1.50		4.00		w/ TURBO, 12 VALVE
MD307944	DISC. 11-542		91.10	1.20	1.50		3.00		12 VALVE
MD307958	11-543	309	91.10	1.20	1.50		3.00		24 VALVE
MD307958	11-543	309	91.10	1.20	1.50		3.00		24 VALVE
MD307958	11-543	309	91.10	1.20	1.50		3.00		24 VALVE
MD307972	11-547	310	91.10	1.20	1.50		3.00		w/ TURBO, 24 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
MITSUBISHI										
2972	3.0L	181	MIGHTY MAX	1990 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	MIGHTY MAX	1990 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	MONTERO	1989 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	MONTERO	1989 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	PICKUP	1990 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	PICKUP	1990 - 1993	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	SIGMA	1989 - 1990	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	SIGMA	1989 - 1990	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	GALANT SIGMA	1987 - 1992	V6	6G72	F.I.	S.O.H.C.	MD104939	SWM31080
2972	3.0L	181	3000GT	1997 - 1999	V6	6G72	F.I.	S.O.H.C.	MD329755	SWM31078
2972	3.0L	181	3000GT	1997 - 1999	V6	6G72	F.I.	S.O.H.C.	MD329755	SWM31078
2972	3.0L	181	MONTERO	1994 ONLY	V6	6G72	F.I.	S.O.H.C.	MD329755	SWM31078
2972	3.0L	181	MONTERO	1994 ONLY	V6	6G72	F.I.	S.O.H.C.	MD329755	SWM31078
2972	3.0L	181	PICKUP	1994 ONLY	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	PICKUP	1994 ONLY	V6	6G72	F.I.	S.O.H.C.	MD301716	SWM31078
2972	3.0L	181	MONTERO	1995 - 1996	V6	4G72	F.I.	S.O.H.C.	MD329755	SWM31078
2972	3.0L	181	MONTERO SPORT	1997 - 1998	V6	4G72	F.I.	S.O.H.C.	MD329755	SWM31078
2972	3.0L	181	MONTERO SPORT	1999 - 2000	V6	6G72	F.I.	S.O.H.C.	MD329755	SWM31078
2972	3.0L	181	GALANT	1999 ONLY	V6	6G72	F.I.	S.O.H.C.	MD329755	SWM31078
2972	3.0L	181	MONTERO SPORT	1999 - 2000	V6	6G72	F.I.	S.O.H.C.	MD329755	SWM31078
2972	3.0L	181	ECLIPSE	2000 - 2005	V6	6G72	F.I.	S.O.H.C.	MD329755	SWM31078
2972	3.0L	181	ECLIPSE SPYDER	2001 - 2005	V6	6G72	F.I.	S.O.H.C.	MD329755	SWM31078
2972	3.0L	181	GALANT	2000 - 2003	V6	6G72	F.I.	S.O.H.C.	MD329755	SWM31078
2972	3.0L	181	MONTERO SPORT	2001 - 2003	V6	6G72	F.I.	S.O.H.C.	MD329755	SWM31078
2998	3.0L	183	OUTLANDER	2007 - 2012	6	6B31	F.I.	S.O.H.C.	1110B435*	NA
3496	3.5L	213	MONTERO	1993 - 1996	V6	6G74	F.I.	D.O.H.C.	MD300569	SWM31121
3496	3.5L	213	DIAMANTE	1997 - 2000	V6	6G74	F.I.	S.O.H.C.	MD322783	SWM31121
3496	3.5L	213	MONTERO	1997 - 2000	V6	6G74	F.I.	S.O.H.C.	MD322783	SWM31121
3496	3.5L	213	MONTERO SPORT	1999 - 2000	V6	6G74	F.I.	S.O.H.C.	MD322783	SWM31121
3496	3.5L	213	MONTERO	1997 - 2000	V6	6G74	F.I.	S.O.H.C.	MD322783	SWM31121
3496	3.5L	213	MONTERO SPORT	1999 - 2000	V6	6G74	F.I.	S.O.H.C.	MD322783	SWM31121
3496	3.5L	213	DIAMANTE	2001 - 2004	V6	6G74	F.I.	S.O.H.C.	MD322783	SWM31121
3496	3.5L	213	MONTERO	2001 - 2002	V6	6G74	F.I.	S.O.H.C.	MD322783	SWM31121
3496	3.5L	213	MONTERO SPORT	2001 - 2002	V6	6G74	F.I.	S.O.H.C.	MD322783	SWM31121
3496	3.5L	213	MONTERO SPORT	2003 - 2004	V6	6G74	F.I.	S.O.H.C.	MD322783	SWM31121
3701	3.7L	226	RAIDER	2006 - 2012	V6	Power Tech 3.7	F.I.	S.O.H.C.	5012364AC	SWC10002

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
MITSUBISHI									
MD119671	11-549	310	91.10	1.50	1.50		4.00		RIGHT, 12 VALVE
MD152563	11-549	310	91.10	1.50	1.50		4.00		LEFT, 12 VALVE
MD119671	11-549	310	91.10	1.50	1.50		4.00		RIGHT, 12 VALVE
MD152563	11-549	310	91.10	1.50	1.50		4.00		LEFT, 12 VALVE
MD119671	11-549	310	91.10	1.50	1.50		4.00		RIGHT, 12 VALVE
MD152563	11-549	310	91.10	1.50	1.50		4.00		LEFT, 12 VALVE
MD119671	11-549	310	91.10	1.50	1.50		4.00		RIGHT, 12 VALVE
MD152563	11-549	310	91.10	1.50	1.50		4.00		LEFT, 12 VALVE
MD119671	11-549	310	91.10	1.50	1.50		4.00		12 VALVE
MD197808	11-707	328	91.10	1.20	1.50		3.00		RIGHT, 12 VALVE
MD197814	11-707	328	91.10	1.20	1.50		3.00		LEFT, 12 VALVE
MD197808	11-707	328	91.10	1.20	1.50		3.00		RIGHT, 12 VALVE
MD197814	11-707	328	91.10	1.20	1.50		3.00		LEFT, 12 VALVE
MD197808	11-707	328	91.10	1.20	1.50		3.00		RIGHT, 12 VALVE
MD197814	11-707	328	91.10	1.20	1.50		3.00		LEFT, 12 VALVE
MD318501	11-762	339	91.10	1.20	1.50		3.00		24 VALVE
MD318501	11-762	339	91.10	1.20	1.50		3.00		24 VALVE
MD360082	NA		91.10	1.20	1.50		3.00		w/ CALIF E.C.S., 24 VALVE
MD350443	NA		91.10	1.20	1.50		3.00		24 VALVE
MD350443	NA		91.10	1.20	1.50		3.00		24 VALVE
MD367089	11-817	348	91.10	1.20	1.50		3.00		GT, 24 VALVE
MD367089	11-817	348	91.10	1.20	1.50		3.00		GT, 24 VALVE
MD367089	11-817	348	91.10	1.20	1.50		3.00		24 VALVE
MD367089	11-817	348	91.10	1.20	1.50		3.00		24 VALVE
-	NA		87.60	1.20	1.00		2.00		24 VALVE
MD308276	11-749	337	93.00	1.50	1.50		3.00		24 VALVE
MD332016	DISC. 11-760		93.00	1.50	1.50		3.00		24 VALVE
MD332016	DISC. 11-760		93.00	1.50	1.50		3.00		w/ CALIF E.C.S., 24 VALVE
MD332016	DISC. 11-760		93.00	1.50	1.50		3.00		w/ CALIF E.C.S., 24 VALVE
MD334469	11-774	341	93.00	1.50	1.50		3.00		24 VALVE
MD334469	11-774	341	93.00	1.50	1.50		3.00		24 VALVE
MN149038	11-847	354	93.00	1.50	1.50		3.00		24 VALVE
MN149038	11-847	354	93.00	1.50	1.50		3.00		24 VALVE
MN149038	11-847	354	93.00	1.50	1.50		3.00		24 VALVE
MN140937	11-847	354	93.00	1.50	1.50		3.00		24 VALVE
5019316AA	11-806	347	93.00	1.50	1.50		3.00		Chrysler Engine, 12 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	CYL	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								

mitsubishi

3828	3.8L	234	ECLIPSE	2006 - 2012	V6	6G75	F.I.	S.O.H.C.	MN183867	SWM31148
3828	3.8L	234	ECLIPSE SPYDER	2006 - 2012	V6	6G75	F.I.	S.O.H.C.	MN183867	SWM31148
3828	3.8L	234	ENDEVOR	2004 - 2012	V6	6G75	F.I.	S.O.H.C.	MN183867	SWM31148
3828	3.8L	234	GALANT	2004 - 2009	V6	6G75	F.I.	S.O.H.C.	MN183867	SWM31148
3828	3.8L	234	MONTERO	2003 - 2008	V6	6G75	F.I.	S.O.H.C.	MN183867	SWM31148
4701	4.7L	287	RAIDER	2006 - 2007	V8	Power Tech 4.7	F.I.	S.O.H.C.	5012364AC	SWC10021
mitsubishi - end										

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
NISSAN										
1171	1.2L	71	1200	1972 - 1973	4	A12	CARB		12033-H6200	SWN30026
1237	1.2L	75	210	1980 - 1981	4	A12A	CARB		12033-H8500	SWN30073
1237	1.2L	75	210	1982 ONLY	4	A12A	CARB		12033-H8500	SWN30073
1288	1.3L	79	B210	1974 ONLY	4	A13	CARB		12033-H6200	SWN30026
1397	1.4L	85	210	1979 ONLY	4	A14	CARB		12033-H8920	SWN30045
1397	1.4L	85	210	1979 ONLY	4	A14	CARB		12033-H8920	SWN30045
1397	1.4L	85	210	1979 - 1982	4	A14	CARB		12033-H8920	SWN30045
1397	1.4L	85	310	1979 - 1980	4	A14	CARB		12033-H8920	SWN30045
1397	1.4L	85	310	1979 ONLY	4	A14	CARB		12033-H8920	SWN30045
1397	1.4L	85	B210	1975 - 1978	4	A14	CARB		12033-H7200	SWN30045
1397	1.4L	85	B210	1977 - 1978	4	A14	CARB		12033-H7680	SWN30052
1461	1.5L	89	NV200	2011 - 2012	4	K9K	DIESEL	D.O.H.C.	-	NA
1487	1.5L	91	PULSAR	1983 ONLY	4	E15T	F.I.	S.O.H.C.	12033-50A00	SWN30057
1488	1.5L	91	210	1979 - 1980	4	A15	CARB		12033-H9820	SWN30052
1488	1.5L	91	210	1981 - 1982	4	A15	CARB		12033-H9820	SWN30052
1488	1.5L	91	310	1981 ONLY	4	A15	CARB		12033-H9820	SWN30052
1488	1.5L	91	310	1982 ONLY	4	E15	CARB	S.O.H.C.	12033-50A00	SWN30057
1488	1.5L	91	SENTRA	1982 - 1983	4	E15S	CARB	S.O.H.C.	12033-50A00	SWN30057
1595	1.6L	97	411	1965 - 1968	4	R16	CARB		12033-14601	SWN30023
1595	1.6L	97	521	1972 - 1973	4	L16	CARB		12033-A3501	SWN30014
1595	1.6L	97	620	1972 ONLY	4	L16	CARB		12033-A3501	SWN30014
1595	1.6L	97	620	1973 ONLY	4	L16	CARB		12033-A3501	SWN30014
1595	1.6L	97	SRL 311	1966 - 1970	4	R16	CARB	O.H.V.	12033-14601	SWN30023
1597	1.6L	97	PULSAR	1983 - 1984	4	E16	CARB	S.O.H.C.	12033-50A00	SWN30057
1597	1.6L	97	PULSAR	1985 - 1986	4	E16, E16i	CARB	S.O.H.C.	12033-61A01	SWN30057
1597	1.6L	97	SENTRA	1983 - 1986	4	E16	CARB	S.O.H.C.	12033-50A00	SWN30057
1597	1.6L	97	SENTRA	1987 - 1988	4	E16i, E16S	F.I.	S.O.H.C.	12033-50A00	SWN30057
1597	1.6L	97	PULSAR	1989 - 1990	4	GA16i	F.I.	S.O.H.C.	12033-84A11	SWN30097
1597	1.6L	97	SENTRA	1989 - 1990	4	GA16i	F.I.	S.O.H.C.	12033-84A11	SWN30097
1597	1.6L	97	NX	1991 - 1994	4	GA16DE	F.I.	S.O.H.C.	12033-57Y01	SWN30104
1597	1.6L	97	SENTRA	1991 - 1994	4	GA16DE	F.I.	S.O.H.C.	12033-57Y01	SWN30104

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
12010-H1061	DISC. 11-036		73.00	2.00	2.00		4.00		
12010-H9022	DISC. 11-037		75.00	2.00	2.00		4.00		
12010-H9512	DISC. 11-040		75.00	2.00	2.00		4.00		
12010-H6211	DISC. 11-041		73.00	2.00	2.00		4.00		
12010-H7711	DISC. 11-044		76.00	2.00	2.00		4.00		w/ CALIF E.C.S., w/o FUEL Pkg
12010-H7684	DISC. 11-044		76.00	2.00	2.00		4.00		w/o CALIF E.C.S. w/ FUEL Pkg
12010-H7685	DISC. 11-044		76.00	2.00	2.00		4.00		w/ CALIF E.C.S.
12010-H7685	DISC. 11-044		76.00	2.00	2.00		4.00		w/ CALIF E.C.S.
12010-H7711	DISC. 11-044		76.00	2.00	2.00		4.00		w/o CALIF E.C.S.
12010-H7711	DISC. 11-044		76.00	2.00	2.00		4.00		
12010-H8702	DISC. 11-047		76.00	1.20	2.00		4.00		w/o FUEL Pkg
-	NA		76.00	2.00	2.00		2.50		Renault Engine, 16 VALVE
12010-17M12	DISC. 11-051		76.00	1.50	1.50		4.00		w/ TURBO, 8 VALVE
12010-H9704	DISC. 11-048		76.00	1.20	2.00		4.00		w/ CALIF E.C.S.
12010-H9802	11-049	295	76.00	1.20	2.00		4.00		
12010-H9802	11-049	295	76.00	1.20	2.00		4.00		
12010-11M22	11-050	296	76.00	1.50	1.50		4.00		8 VALVE
12010-11M22	11-050	296	76.00	1.50	1.50		4.00		8 VALVE
-	NA		87.20	2.00	2.50		4.00		
12010-23002	DISC. 11-053		83.00	2.00	2.00		4.00		
12010-23002	DISC. 11-053		83.00	2.00	2.00		4.00		
12010-H2501	DISC. 11-054		83.00	2.00	2.00		4.00		8 VALVE
-	DISC. 11-055		87.20	2.00	2.50		4.00		1600 ROADSTER
12010-33M22	11-052	296	76.00	1.50	1.50		4.00		8 VALVE
12010-33M22	11-052	296	76.00	1.50	1.50		4.00		8 VALVE
12010-33M22	11-052	296	76.00	1.50	1.50		4.00		8 VALVE
12010-33M22	11-052	296	76.00	1.50	1.50		4.00		8 VALVE
12010-84A61	11-590	314	76.00	1.50	1.50		2.80		12 VALVE
12010-84A61	11-590	314	76.00	1.50	1.50		2.80		12 VALVE
A2010-57Y00	11-601	314	76.00	1.50	1.50		2.80		16 VALVE
A2010-57Y00	11-601	314	76.00	1.50	1.50		2.80		16 VALVE

NISSAN

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
NISSAN										
1597	1.6L	97	200SX	1995 - 1999	4	GA16DE	F.I.	S.O.H.C.	12033-1M200	SWN30116
1597	1.6L	97	SENTRA	1995 - 1999	4	GA16DE	F.I.	S.O.H.C.	12033-1M200	SWN30116
1598	1.6L	98	PULSAR	1987 ONLY	4	CA16DE	F.I.	D.O.H.C.	12033-55M00	SWN30111
1598	1.6L	98	NV200	2011 - 2012	4	HR16DE	F.I.	D.O.H.C.	12033-EE000	NA
1598	1.6L	98	VERSA	2009 - 2012	4	HR16DE	F.I.	D.O.H.C.	12033-EE000	NA
1618	1.6L	99	JUKE	2010 - 2012	4	MR16DDT	F.I.	D.O.H.C.	12033-1KC0A	NA
1680	1.7L	103	SENTRA	1983 - 1986	4	CD17	DIESEL		12033-16A10	SDN30088
1769	1.8L	108	SENTRA	2000 - 2002	4	QG18DE	F.I.	D.O.H.C.	12033-5M001	SWN30142
1769	1.8L	108	SENTRA	2003 - 2006	4	QG18DE	F.I.	D.O.H.C.	12033-5M060	SWN30142
1770	1.8L	108	610	1973 ONLY	4	L18	CARB	S.O.H.C.	12033-A8702	SWN30020
1770	1.8L	108	620	1974 ONLY	4	L18	CARB	S.O.H.C.	12033-A8702	SWN30020
1770	1.8L	108	710	1974 ONLY	4	L18	CARB	S.O.H.C.	12033-A8702	SWN30020
1797	1.8L	110	CUBE	2009 - 2012	4	MR18DE	F.I.	D.O.H.C.	12033-EN20A	SWN30154
1797	1.8L	110	VERSA	2007 - 2010	4	MR18DE	F.I.	D.O.H.C.	12033-EN200	SWN30154
1797	1.8L	110	VERSA	2011 - 2012	4	MR18DE	F.I.	D.O.H.C.	12033-EN20A	SWN30154
1809	1.8L	110	200SX	1984 - 1986	4	CA18ET	F.I.	S.O.H.C.	12033-18F00	SWN30090
1809	1.8L	110	PULSAR	1988 - 1989	4	CA18DE	F.I.	D.O.H.C.	12033-D4210	SWN30090
1952	2.0L	119	200SX	1977 - 1979	4	L20B	CARB	S.O.H.C.	12033-U6001	SWN30048
1952	2.0L	119	510	1978 - 1979	4	L20B	CARB	S.O.H.C.	12033-U6001	SWN30048
1952	2.0L	119	610	1974 - 1976	4	L20B	CARB	S.O.H.C.	12033-U6001	SWN30048
1952	2.0L	119	620	1975 - 1979	4	L20B	CARB	S.O.H.C.	12033-U6001	SWN30048
1952	2.0L	119	710	1975 - 1977	4	L20B	CARB	S.O.H.C.	12033-U6001	SWN30048
1952	2.0L	119	PICKUP	1979 ONLY	4	L20B	CARB	S.O.H.C.	12033-W0815	SWN30048
1952	2.0L	119	720	1980 ONLY	4	L20B	CARB	S.O.H.C.	12033-W0815	SWN30048
1952	2.0L	119	PICKUP	1980 ONLY	4	L20B	CARB	S.O.H.C.	12033-W0815	SWN30048
1952	2.0L	119	200SX	1980 - 1981	4	Z20E	F.I.	S.O.H.C.	12033-N8510	SWN30086
1952	2.0L	119	510	1980 - 1981	4	Z20S	CARB	S.O.H.C.	12033-N8510	SWN30086
1952	2.0L	119	720	1983 - 1986	4	Z20	CARB	S.O.H.C.	12033-N8520	SWN30086
1952	2.0L	119	PICKUP	1983 - 1986	4	Z20	CARB	S.O.H.C.	12033-N8520	SWN30086
1974	2.0L	120	200SX	1984 - 1989	4	CA20E	F.I.	S.O.H.C.	12033-04E10	SWN30053
1974	2.0L	120	STANZA	1984 - 1989	4	CA20E	F.I.	S.O.H.C.	12033-04E10	SWN30053
1974	2.0L	120	STANZA	1982 - 1983	4	CA20S	CARB	S.O.H.C.	12033-04E10	SWN30053

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
A2010-0M210	11-680	325	76.00	1.50	-		2.80		16 VALVE
A2010-0M210	11-680	325	76.00	1.50	-		2.80		16 VALVE
12010-55M61	NA		78.00	1.50	1.50		2.80		SE, 16 VALVE
A2010-ED500	NA		78.00	1.20	1.20		2.00		16 VALVE
A2010-ED500	NA		78.00	1.20	1.20		2.00		16 VALVE
A2010-1KC0A	NA		79.70						w/ TURBO, 16 VALVE
12010-17A02	DISC. 11-056		80.00	1.75	2.00		3.00		
A2010-5M010	11-869	360	80.00	1.20	1.20		2.50		16 VALVE
A2010-F4670	11-876	361	80.00	1.20	1.20		2.50		16 VALVE
12010-U2001	DISC. 11-057		85.00	2.00	2.00		4.00		
12010-U2001	DISC. 11-057		85.00	2.00	2.00		4.00		
12010-U2001	DISC. 11-057		85.00	2.00	2.00		4.00		
A2010-ED80A	11-849	355	84.00	1.20	1.20		2.00		16 VALVE
A2010-ED800	11-849	355	84.00	1.20	1.20		2.00		16 VALVE
A2010-ED800	11-849	355	84.00	1.20	1.20		2.00		16 VALVE
12010-17F11	DISC. 11-058		83.00	1.50	1.50		2.80		w/ TURBO, 8 VALVE
12010-51E61	DISC. 11-768		83.00	1.50	1.50		2.80		SE, 16 VALVE
12010-U6001	11-059	296	85.00	2.00	2.00		4.00		8 VALVE
12010-U6001	11-059	296	85.00	2.00	2.00		4.00		8 VALVE
12010-U6001	11-059	296	85.00	2.00	2.00		4.00		8 VALVE
12010-U6001	11-059	296	85.00	2.00	2.00		4.00		8 VALVE
12010-U6001	11-059	296	85.00	2.00	2.00		4.00		8 VALVE
12010-U6021	11-059	296	85.00	2.00	2.00		4.00		8 VALVE
12010-04W11	11-060	296	85.00	2.00	2.00		4.00		8 VALVE
12010-04W11	11-060	296	85.00	2.00	2.00		4.00		8 VALVE
12010-N8701	11-064	297	85.00	1.50	1.50		4.00		8 VALVE
12010-N8701	11-064	297	85.00	1.50	1.50		4.00		8 VALVE
12010-82W11	DISC. 11-066		85.00	1.50	1.50		4.00		8 VALVE
12010-W4001	DISC. 11-066		85.00	1.50	1.50		4.00		8 VALVE
12010-10F11	11-062	297	84.50	1.50	1.50		4.00		8 VALVE
12010-10F11	11-062	297	84.50	1.50	1.50		4.00		8 VALVE
12010-D1811	DISC. 11-063		84.50	1.50	1.50		4.00		8 VALVE

NISSAN

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
NISSAN										
1982	2.0L	121	SRL 311	1967 - 1970	4	U20	CARB	O.H.V.	12033-25502	SWN30030
1998	2.0L	122	200SX	1995 - 1999	4	SR20DE	F.I.	D.O.H.C.	12033-53J10	SWN30102
1998	2.0L	122	NX	1991 - 1994	4	SR20DE	F.I.	D.O.H.C.	12033-53J01	SWN30102
1998	2.0L	122	SENTRA	1991 - 1999	4	SR20DE	F.I.	D.O.H.C.	12033-53J01	SWN30102
1998	2.0L	122	SENTRA	2000 - 2001	4	SR20DE	F.I.	D.O.H.C.	12033-4M802	SWN30123
1999	2.0L	122	SENTRA	2007 - 2010	4	MR20DE	F.I.	D.O.H.C.	12033-EN200	SWN30154
1999	2.0L	122	SENTRA	2011 - 2012	4	MR20DE	F.I.	D.O.H.C.	12033-EN20A	SWN30154
2164	2.2L	132	720	1981 - 1982	4	SD22	DIESEL		12033-R8112	SDN31027
2164	2.2L	132	PICKUP	1981 - 1982	4	SD22	DIESEL		12033-R8112	SDN31027
2181	2.2L	133	720	1981 - 1982	4	Z22	CARB	S.O.H.C.	12033-06W20	SWN30054
2181	2.2L	133	PICKUP	1981 - 1982	4	Z22	CARB	S.O.H.C.	12033-06W20	SWN30054
2181	2.2L	133	200SX	1982 - 1983	4	Z22E	F.I.	S.O.H.C.	12033-06W20	SWN30054
2389	2.4L	146	720	1983 - 1984	4	Z24	CARB	S.O.H.C.	12033-30W10	SWN30059
2389	2.4L	146	PICKUP	1983 - 1984	4	Z24	CARB	S.O.H.C.	12033-30W10	SWN30059
2389	2.4L	146	240Z	1972 - 1973	6	L24	CARB		12033-E3100	SWN30034
2389	2.4L	146	720	1985 - 1986	4	Z24, Z24i	CARB	S.O.H.C.	12033-21G00	SWN30085
2389	2.4L	146	PATHFINDER	1987 ONLY	4	Z24i	F.I.	S.O.H.C.	12033-21G00	SWN30085
2389	2.4L	146	PICKUP	1985 - 1989	4	Z24, Z24i	C & F	S.O.H.C.	12033-21G00	SWN30085
2389	2.4L	146	VAN	1987 - 1989	4	Z24i	F.I.	S.O.H.C.	12033-21G10	SWN30085
2389	2.4L	146	240SX	1991 - 1999	4	KA24DE	F.I.	D.O.H.C.	12033-70F00	SWN30096
2389	2.4L	146	240SX	1989 - 1990	4	KA24E	F.I.	S.O.H.C.	12033-53F01	SWN30096
2389	2.4L	146	AXXESS	1990 ONLY	4	KA24E	F.I.	S.O.H.C.	12033-53F01	SWN30096
2389	2.4L	146	STANZA	1990 - 1992	4	KA24E	F.I.	S.O.H.C.	12033-53F01	SWN30096
2389	2.4L	146	ALTIMA	1993 - 1997	4	KA24DE	F.I.	D.O.H.C.	12033-4E100	SWN30118
2389	2.4L	146	PICKUP	1990 - 1999	4	KA24E	F.I.	S.O.H.C.	12033-86G00	SWN30118
2389	2.4L	146	ALTIMA	1998 - 1999	4	KA24DE	F.I.	D.O.H.C.	12033-9E000	SWN30143
2389	2.4L	146	FRONTIER	1998 - 1999	4	KA24DE	F.I.	D.O.H.C.	12033-9E000	SWN30143
2389	2.4L	146	FRONTIER	2000 ONLY	4	KA24DE	F.I.	D.O.H.C.	12033-9E000	SWN30143
2389	2.4L	146	XTERRA	1999 ONLY	4	KA24DE	F.I.	D.O.H.C.	12033-9E000	SWN30143
2389	2.4L	146	XTERRA	2000 ONLY	4	KA24DE	F.I.	D.O.H.C.	12033-9E000	SWN30143
2389	2.4L	146	XTERRA	2001 - 2004	4	KA24DE	F.I.	D.O.H.C.	12033-0Z810	SWN30143
2389	2.4L	146	ALTIMA	2000 - 2001	4	KA24DE	F.I.	D.O.H.C.	12033-0Z810	SWN30143
2389	2.4L	146	FRONTIER	2001 ONLY	4	KA24DE	F.I.	D.O.H.C.	12033-0Z810	SWN30143

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1 S T	2 N D	3 R D	O 1	O 2	REMARK
-	NA		87.20	2.00	2.00		4.00		2000 ROADSTER
A2010-63J00	11-602	315	86.00	1.50	1.50		3.00		16 VALVE
A2010-63J00	11-602	315	86.00	1.50	1.50		3.00		16 VALVE
A2010-63J00	11-602	315	86.00	1.50	1.50		3.00		16 VALVE
A2010-4M860	NA		86.00	1.20	1.20		2.50		16 VALVE
A2010-ET000	NA		84.00	1.20	1.20		2.00		16 VALVE
A2010-ET000	NA		84.00	1.20	1.20		2.00		16 VALVE
12010-36W10	11-068	297	83.00	2.50	2.00		4.50		
12010-36W10	11-068	297	83.00	2.50	2.00		4.50		
12010-06W21	11-069	297	87.00	1.50	1.50		4.00		8 VALVE
12010-06W21	11-069	297	87.00	1.50	1.50		4.00		8 VALVE
12010-D8111	11-236	304	87.00	1.50	1.50		4.00		8 VALVE
12010-30W11	11-070	298	89.00	1.50	1.50		4.00		8 VALVE
12010-30W11	11-070	298	89.00	1.50	1.50		4.00		8 VALVE
12010-H2701	11-071	298	83.00	2.00	2.00		4.00		
12010-83W11	11-238	305	89.00	2.00	1.50		4.00		8 VALVE
12010-83W11	11-238	305	89.00	2.00	1.50		4.00		8 VALVE
12010-83W11	11-238	305	89.00	2.00	1.50		4.00		8 VALVE
12010-83W11	11-238	305	89.00	2.00	1.50		4.00		8 VALVE
A2010-53F00	11-598	314	89.00	1.50	1.50		2.80		16 VALVE
12010-40F10	11-600	314	89.00	1.50	1.50		2.80		12 VALVE
A2010-30R10	11-600	314	89.00	1.50	1.50		2.80		12 VALVE
A2010-30R10	11-600	314	89.00	1.50	1.50		2.80		12 VALVE
A2010-1E400	11-609	315	89.00	1.50	1.50		2.80		16 VALVE
12010-86G20	11-676	324	89.00	1.50	1.50		2.80		12 VALVE
A2010-9E000	11-755	338	89.00	1.20	1.20		2.50		16 VALVE
A2010-9E000	11-755	338	89.00	1.20	1.20		2.50		16 VALVE
A2010-9E001	11-755	338	89.00	1.20	1.20		2.50		16 VALVE
A2010-9E000	11-755	338	89.00	1.20	1.20		2.50		16 VALVE
A2010-9E002	11-755	338	89.00	1.20	1.20		2.50		16 VALVE
A2010-9E002	11-755	338	89.00	1.20	1.20		2.50		16 VALVE
A2010-1Z102	NA		89.00	1.20	1.20		2.50		16 VALVE
A2010-1Z102	NA		89.00	1.20	1.20		2.50		16 VALVE

NISSAN

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
NISSAN										
2389	2.4L	146	FRONTIER	2002 - 2004	4	KA24DE	F.I.	D.O.H.C.	12033-0Z810	SWN30143
2393	2.4L	146	810	1977 - 1978	6	L24E	CARB		12033-E3100	SWN30034
2393	2.4L	146	810	1979 - 1980	6	L24E	CARB		12033-A8600	SWN30034
2393	2.4L	146	810	1981 ONLY	6	L24E	CARB		12033-W2420	SWN30064
2393	2.4L	146	MAXIMA	1981 ONLY	6	L24E	C & F		12033-W2420	SWN30064
2393	2.4L	146	MAXIMA	1982 - 1984	6	L24E	C & F		12033-W3100	SWN30065
2488	2.5L	152	720	1983 - 1986	4	SD25	DIESEL		12033-L2006	SDN31023
2488	2.5L	152	PICKUP	1983 - 1986	4	SD25	DIESEL		12033-L2006	SDN31023
2488	2.5L	152	ALTIMA	2002 - 2006	4	QR25DE	F.I.	D.O.H.C.	12033-8H301	SWN30143
2488	2.5L	152	SENTRA SE-R	2002 - 2003	4	QR25DE	F.I.	D.O.H.C.	12033-8J000	SWN30143
2488	2.5L	152	SENTRA SE-R	2004 - 2006	4	QR25DE	F.I.	D.O.H.C.	12033-8H301	SWN30143
2488	2.5L	152	FRONTIER	2005 - 2008	4	QR25DE	F.I.	D.O.H.C.	12033-EA000	SWN30192
2488	2.5L	152	FRONTIER	2009 - 2012	4	QR25DE	F.I.	D.O.H.C.	12033-EA00B	SWN30192
2488	2.5L	152	SENTRA SE-R	2007 - 2008	4	QR25DE	F.I.	D.O.H.C.	12033-ET80B	SWN30189
2488	2.5L	152	ALTIMA	2007 - 2010	4	QR25DE	F.I.	D.O.H.C.	12033-JA00B	SWN30189
2488	2.5L	152	ALTIMA HYBIRD	2007 - 2010	4	QR25DE	F.I.	D.O.H.C.	12033-JA00B	SWN30189
2488	2.5L	152	SENTRA SE-R	2009 - 2012	4	QR25DE	F.I.	D.O.H.C.	12033-JA00B	SWN30189
2488	2.5L	152	ALTIMA	2011 - 2012	4	QR25DE	F.I.	D.O.H.C.	12033-JA00B	SWN30189
2488	2.5L	152	ALTIMA HYBIRD	2011 - 2012	4	QR25DE	F.I.	D.O.H.C.	12033-JA00B	SWN30189
2488	2.5L	152	ROGUE	2008 - 2012	4	QR25DE	F.I.	D.O.H.C.	12033-JG30A	SWN30189*
2753	2.8L	168	280Z	1975 - 1978	6	L28E	F.I.	S.O.H.C.	12033-N4200	SWN30047
2753	2.8L	168	280ZX	1979 ONLY	6	L28E	F.I.	S.O.H.C.	12033-P8370	SWN30047
2753	2.8L	168	280ZX	1980 ONLY	6	L28E	F.I.	S.O.H.C.	12033-P8370	SWN30047
2753	2.8L	168	280ZX	1981 - 1983	6	L28E	F.I.	S.O.H.C.	12033-P7910	SWN30066
2753	2.8L	168	280ZX	1981 - 1983	6	L28ET	F.I.	S.O.H.C.	12033-P9010	SWN30066
2753	2.8L	168	810	1981 ONLY	6	LD28	DIESEL		12033-60L00	SDN30067
2753	2.8L	168	MAXIMA	1981 - 1983	6	LD28	DIESEL		12033-60L00	SDN30067
2960	3.0L	181	300ZX	1984 - 1989	V6	VG30E	F.I.	S.O.H.C.	12033-21V01	SWN30058
2960	3.0L	181	MAXIMA	1985 - 1994	V6	VG30E	F.I.	S.O.H.C.	12033-21V01	SWN30058

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
A2010-8Z310	NA		89.00	1.20	1.20		2.50		16 VALVE
12010-A8601	DISC. 11-073		83.00	2.00	2.00		4.00		
12010-H2501	DISC. 11-076		83.00	2.00	2.00		4.00		12 VALVE
12010-W2402	11-077	298	83.00	1.50	2.00		4.00		12 VALVE
12010-W2402	11-077	298	83.00	1.50	2.00		4.00		12 VALVE
12010-51L01	DISC. 11-078		83.00	1.50	1.50		4.00		
12010-29W00	DISC. 11-079		89.00	2.50	2.00		4.50		
12010-29W00	DISC. 11-079		89.00	2.50	2.00		4.50		
A2010-8J000	11-852	356	89.00	1.20	1.20		2.50		16 VALVE
A2010-8J000	11-852	356	89.00	1.20	1.20		2.50		16 VALVE
A2010-8J011	11-852	356	89.00	1.20	1.20		2.50		16 VALVE
A2010-EA000	11-881	363	89.00	1.20	1.20		2.50		16 VALVE
A2010-EA001	11-881	363	89.00	1.20	1.20		2.50		16 VALVE
A2010-ET81A	NA		89.00	1.20	1.20		2.00		16 VALVE
A2010-JA01A	NA		89.00	1.20	1.20		2.00		16 VALVE
A2010-JA01A	NA		89.00	1.20	1.20		2.00		16 VALVE
A2010-JA00C	NA		89.00	1.20	1.20		2.00		16 VALVE
A2010-JA01E	NA		89.00	1.20	1.20		2.00		16 VALVE
A2010-JA01E	NA		89.00	1.20	1.20		2.00		16 VALVE
A2010-JG31A	NA		89.00	1.20	1.20		2.00		16 VALVE
12010-Y4111	11-081	298	86.00	2.00	2.00		4.00		12 VALVE
12010-Y4131	11-081	298	86.00	2.00	2.00		4.00		12 VALVE
12010-Y8621	11-082	299	86.00	2.00	2.00		4.00		12 VALVE
12010-P7912	11-084	299	86.00	1.50	2.00		4.00		12 VALVE
12010-P9012	DISC. 11-085		86.00	1.50	2.00		4.00		w/ TURBO, 12 VALVE
12010-W2502	DISC. 11-086		84.50	2.00	2.00		4.00		
12010-W2502	DISC. 11-086		84.50	2.00	2.00		4.00		
12010-V7101	DISC. 11-088		87.00	1.50	1.50		2.80		12 VALVE
12010-V7101	DISC. 11-088		87.00	1.50	1.50		2.80		12 VALVE

NISSAN

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
NISSAN										
2960	3.0L	181	300ZX	1984 - 1989	V6	VG30ET	F.I.	S.O.H.C.	12033-21V01	SWN30058
2960	3.0L	181	PATHFINDER	1990 - 1995	V6	VG30E	F.I.	S.O.H.C.	12033-17V01	SWN30058
2960	3.0L	181	PICKUP	1990 - 1995	V6	VG30E	F.I.	S.O.H.C.	12033-17V01	SWN30058
2960	3.0L	181	200SX	1987 - 1989	V6	VG30E	F.I.	S.O.H.C.	12033-21V01	SWN30058
2960	3.0L	181	PATHFINDER	1987 - 1995	V6	VG30i	F.I.	S.O.H.C.	12033-15G00	SWN30093
2960	3.0L	181	PICKUP	1986 - 1995	V6	VG30i	F.I.	S.O.H.C.	12033-15G00	SWN30093
2960	3.0L	181	MAXIMA	1992 - 1994	V6	VE30DE	F.I.	D.O.H.C.	12033-96E01	SWN30058
2960	3.0L	181	QUEST	1993 - 1998	V6	VG30E	F.I.	S.O.H.C.	12033-17V01	SWN30058
2960	3.0L	181	QUEST	1993 - 1998	V6	VG30E	F.I.	S.O.H.C.	12033-17V01	SWN30058
2960	3.0L	181	300ZX	1990 - 1996	V6	VG30DETT	F.I.	D.O.H.C.	12033-F6511	SWN30094
2960	3.0L	181	300ZX	1990 - 1996	V6	VG30DE	F.I.	D.O.H.C.	12033-F6511	SWN30094
2987	3.0L	182	MAXIMA	1995 - 1999	V6	VQ30DE	F.I.	D.O.H.C.	12033-38U01	SWN30115
2987	3.0L	182	MAXIMA	2000 - 2001	V6	VQ30DE	F.I.	D.O.H.C.	12033-2Y900	SWN30115
3272	3.3L	200	FRONTIER	1999 ONLY	V6	VG33E	F.I.	S.O.H.C.	12033-7B000	SWN30120
3272	3.3L	200	QUEST	1999 - 2000	V6	VG33E	F.I.	S.O.H.C.	12033-7B000	SWN30120
3272	3.3L	200	QUEST	2000 - 2003	V6	VG33E	F.I.	S.O.H.C.	12033-7Z800	SWN30120
3272	3.3L	200	FRONTIER	2000 - 2004	V6	VG33E	F.I.	S.O.H.C.	12033-7Z800	SWN30120
3272	3.3L	200	FRONTIER	2000 - 2004	V6	VG33E	F.I.	S.O.H.C.	12033-7Z800	SWN30120
3272	3.3L	200	FRONTIER	2000 - 2004	V6	VG33E	F.I.	S.O.H.C.	12033-7Z800	SWN30120
3272	3.3L	200	FRONTIER	2000 - 2004	V6	VG33E	F.I.	S.O.H.C.	12033-7Z800	SWN30120
3272	3.3L	200	PATHFINDER	1996 - 2000	V6	VG33E	F.I.	S.O.H.C.	12033-0W000	SWN30120
3272	3.3L	200	PATHFINDER	1996 - 2000	V6	VG33E	F.I.	S.O.H.C.	12033-0W000	SWN30120
3272	3.3L	200	XTERRA	1999 - 2004	V6	VG33E	F.I.	S.O.H.C.	12033-7Z800	SWN30120
3272	3.3L	200	XTERRA	1999 - 2004	V6	VG33E	F.I.	S.O.H.C.	12033-7Z800	SWN30120
3272	3.3L	200	XTERRA	2002 - 2004	V6	VG33E	F.I.	S.O.H.C.	12033-7Z800	SWN30120
3272	3.3L	200	XTERRA	2002 - 2004	V6	VG33E	F.I.	S.O.H.C.	12033-7Z800	SWN30120
3498	3.5L	213	PATHFINDER	2001 - 2004	V6	VQ35DE	F.I.	D.O.H.C.	12033-4W005	SWN30131
3498	3.5L	213	350Z ROADSTER	2003 - 2005	V6	VQ35DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3498	3.5L	213	ALTIMA	2002 - 2006	V6	VQ35DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3498	3.5L	213	ALTIMA SE-R	2004 - 2008	V6	VQ35DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3498	3.5L	213	MAXIMA	2002 - 2005	V6	VQ35DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3498	3.5L	213	MURANO	2003 - 2007	V6	VQ35DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3498	3.5L	213	MAXIMA	2006 - 2008	V6	VQ35DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3498	3.5L	213	QUEST	2004 - 2012	V6	VQ35DE	F.I.	D.O.H.C.	12033-8J100	SWN30131

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
12010-02P01	<i>DISC. 11-089</i>		87.00	1.50	1.50		2.80		w/ TURBO, 12 VALVE
A2010-10G03	11-603	315	87.00	1.50	1.50		2.80		12 VALVE
A2010-10G03	11-603	315	87.00	1.50	1.50		2.80		12 VALVE
12010-V7175	11-603	315	87.00	1.50	1.50		2.80		12 VALVE
A2010-13G61	<i>DISC. 11-607</i>		87.00	2.00	1.50		2.80		12 VALVE
12010-13G63	<i>DISC. 11-607</i>		87.00	2.00	1.50		2.80		12 VALVE
A2010-96E00	11-675	323	87.00	1.50	1.50		2.80		24 VALVE
A2010-1B100	11-681	325	87.00	1.50	1.50		2.80		CYL #1,3,5, 12 VALVE
A2010-1B110	11-681	325	87.00	1.50	1.50		2.80		CYL #2,4,6, 12 VALVE
A2010-30P10	NA		87.00	1.50	1.50		2.80		w/ TURBO, 24 VALVE
A2010-30P00	11-727	332	87.00	1.50	1.50		2.80		24 VALVE
A2010-38U10	11-711	329	93.00	1.20	1.20		2.50		24 VALVE
A2010-2Y900	11-800	346	93.00	1.20	1.20		2.50		24 VALVE
A2010-2Z062	NA		91.50	1.50	1.50		2.80		12 VALVE
A2010-2Z062	NA		91.50	1.50	1.50		2.80		12 VALVE
A2010-2Z000	NA		91.50	1.50	1.50		2.80		12 VALVE
A2010-5S600	11-728	332	91.50	1.50	1.50		2.80		CYL #1,2,6, 12VALVE
A2010-5S661	11-728	332	91.50	1.50	1.50		2.80		CYL #3,4,5, 12VALVE
A2010-5S700	11-728	332	91.50	1.50	1.50		2.80		w/Supercharger, CYL #1,2,6, 12VALVE
A2010-5S761	11-728	332	91.50	1.50	1.50		2.80		w/Supercharger, CYL #3,4,5, 12VALVE
A2010-1W200	11-728	332	91.50	1.50	1.50		2.80		CYL #1,2,6, 12VALVE
A2010-1W261	11-728	332	91.50	1.50	1.50		2.80		CYL #3,4,5, 12VALVE
A2010-5S600	11-728	332	91.50	1.50	1.50		2.80		SE, XE, CYL #1,2,6, 12VALVE
A2010-5S661	11-728	332	91.50	1.50	1.50		2.80		SE, XE, CYL #3,4,5, 12VALVE
A2010-5S700	11-728	332	91.50	1.50	1.50		2.80		w/Supercharger, CYL #1,2,6, 12VALVE
A2010-5S761	11-728	332	91.50	1.50	1.50		2.80		w/Supercharger, CYL #3,4,5, 12VALVE
A2010-4W160	NA		95.50	1.20	1.20		2.50		24 VALVE
A2010-8J110	11-860	357	95.50	1.20	1.20		2.50		24 VALVE
A2010-8J110	11-860	357	95.50	1.20	1.20		2.50		24 VALVE
A2010-8J110	11-860	357	95.50	1.20	1.20		2.50		24 VALVE
A2010-8J110	11-860	357	95.50	1.20	1.20		2.50		24 VALVE
A2010-8J110	11-860	357	95.50	1.20	1.20		2.50		24 VALVE
A2010-7Y001	NA		95.50	1.20	1.20		2.50		24 VALVE
A2010-7Y001	NA		95.50	1.20	1.20		2.50		24 VALVE

NISSAN

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
NISSAN										
3498	3.5L	213	350Z ROADSTER	2006 - 2008	V6	VQ35HR	F.I.	D.O.H.C.	12033-JK20A	SWN30191*
3498	3.5L	213	ALTIMA	2007 - 2012	V6	VQ35DE	F.I.	D.O.H.C.	12033-JA10D	SWN30191
3498	3.5L	213	MAXIMA	2009 - 2012	V6	VQ35DE	F.I.	D.O.H.C.	12033-JA10D	SWN30191
3498	3.5L	213	MURANO	2008 - 2012	V6	VQ35DE	F.I.	D.O.H.C.	12033-JP00A	SWN30191*
3699	3.7L	226	370Z	2009 - 2012	V6	VQ37VHR	F.I.	D.O.H.C.	12033-JK20C	NA
3699	3.7L	226	370Z	2009 - 2012	V6	VQ37VHR	F.I.	D.O.H.C.	12033-JK20C	NA
3799	3.8L	232	GT-R	2009 - 2012	V6	VR38DETT	F.I.	D.O.H.C.	12033-JF00A	NA
3954	4.0L	241	FRONTIER	2005 - 2008	V6	VQ40DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3954	4.0L	241	FRONTIER	2009 - 2012	V6	VQ40DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3954	4.0L	241	NV1500	2011 - 2012	V6	VQ40DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3954	4.0L	241	NV2500HD	2011 - 2012	V8	VQ40DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3954	4.0L	241	PATHFINDER	2005 - 2008	V6	VQ40DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3954	4.0L	241	PATHFINDER	2009 - 2012	V6	VQ40DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3954	4.0L	241	XTERRA	2005 - 2008	V6	VQ40DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
3954	4.0L	241	XTERRA	2009 - 2012	V6	VQ40DE	F.I.	D.O.H.C.	12033-8J100	SWN30131
5552	5.6L	339	ARMADA	2004 - 2007	V8	VK56DE	F.I.	D.O.H.C.	12033-7S001	SWN30149
5552	5.6L	339	PATHFINDER	2004 - 2007	V8	VK56DE	F.I.	D.O.H.C.	12033-7S001	SWN30149
5552	5.6L	339	PATHFINDER	2008 - 2009	V8	VK56DE	F.I.	D.O.H.C.	12033-ZE00A	SWN30149
5552	5.6L	339	TITAN	2004 - 2007	V8	VK56DE	F.I.	D.O.H.C.	12033-7S001	SWN30149
5552	5.6L	339	TITAN	2008 - 2009	V8	VK56DE	F.I.	D.O.H.C.	12033-ZE00A	SWN30149
5552	5.6L	339	ARMADA	2008 - 2012	V8	VK56DE	F.I.	D.O.H.C.	12033-ZE00A	SWN30149
5552	5.6L	339	NV2500HD	2011 - 2012	V8	VK56DE	F.I.	D.O.H.C.	12033-ZE00A	SWN30149
5552	5.6L	339	NV3500HD	2011 - 2012	V8	VK56DE	F.I.	D.O.H.C.	12033-ZE00A	SWN30149
5552	5.6L	339	PATHFINDER	2010 - 2012	V8	VK56DE	F.I.	D.O.H.C.	12033-ZE00A	SWN30149
5552	5.6L	339	TITAN	2010 - 2012	V8	VK56DE	F.I.	D.O.H.C.	12033-ZE00A	SWN30149
NISSAN - END										

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
SMART										
999	1.0L	61	fortow BRABUS	2008 - 2012	3	3B21	F.I.	D.O.H.C.	-	NA
999	1.0L	61	fortow PASSION	2008 - 2012	3	3B21	F.I.	D.O.H.C.	-	NA
999	1.0L	61	fortow PURE	2008 - 2012	3	3B21	F.I.	D.O.H.C.	-	NA
SMART - END										

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
SUBARU										
1189	1.2L	73	JUSTY	1987 - 1988	3	EF12	CARB	S.O.H.C.	480035800	SWF20054
1189	1.2L	73	JUSTY	1989 - 1994	3	EF12	C & F	S.O.H.C.	12033KA151	SWF20054
1267	1.3L	77	FF-1 1300G	1972 ONLY	4	EA62	CARB	O.H.V.	880038600	SWF20010
1361	1.4L	83	LEONE 1400	1973 - 1975	4	EA63	CARB	O.H.V.	380030100	SWF20014
1361	1.4L	83	LEONE 1400	1976 ONLY	4	EA63	CARB	O.H.V.	380030100	SWF20014
1361	1.4L	83	LEONE 1600	1976 ONLY	4	EA63	CARB	O.H.V.	380030100	SWF20014
1595	1.6L	97	BRAT	1978 - 1981	4	EA71	CARB	O.H.V.	380034310	SWF20017
1595	1.6L	97	LEONE 1600	1976 - 1987	4	EA71	CARB	O.H.V.	380034310	SWF20017
1595	1.6L	97	DL SEDAN	1978 - 1981	4	EA71	CARB	O.H.V.	380034320	SWF20017
1595	1.6L	97	FE	1978 - 1979	4	EA71	CARB	O.H.V.	380034320	SWF20017
1595	1.6L	97	GF	1978 - 1979	4	EA71	CARB	O.H.V.	380034320	SWF20017
1595	1.6L	97	GL SEDAN	1978 - 1981	4	EA71	CARB	O.H.V.	380034320	SWF20017
1595	1.6L	97	GLF	1980 - 1981	4	EA71	CARB	O.H.V.	380034320	SWF20017
1781	1.8L	109	BRAT	1982 - 1986	4	EA81	CARB	O.H.V.	480037100	SWF20057
1781	1.8L	109	DL SEDAN	1982 - 1984	4	EA81	CARB	O.H.V.	480037100	SWF20057
1781	1.8L	109	GL SEDAN	1982 - 1986	4	EA81	CARB	O.H.V.	480037100	SWF20057
1781	1.8L	109	GLF	1982 ONLY	4	EA81	CARB	O.H.V.	480037100	SWF20057
1781	1.8L	109	LEONE 1800	1980 - 1986	4	EA81	CARB	O.H.V.	480037100	SWF20057
1781	1.8L	109	BRAT	1983 - 1984	4	EA81	F.I.	O.H.V.	480037100	SWF20057
1781	1.8L	109	GL SEDAN	1983 - 1984	4	EA81	F.I.	O.H.V.	480037100	SWF20057
1781	1.8L	109	LEONE 1800	1983 - 1984	4	EA81	F.I.	O.H.V.	480037100	SWF20057
1781	1.8L	109	GL TBI	1986 ONLY	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL-10 TBI	1986 ONLY	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	LEONE 1800	1986 ONLY	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	BRAT	1986 ONLY	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	DL SEDAN	1985 - 1986	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL SEDAN	1985 - 1986	4	EA82	C & F	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL-10 SEDAN	1985 - 1986	4	EA82	C & F	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	LEONE 1800	1985 - 1986	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	XT SEDAN	1985 - 1986	4	EA82	C & F	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	BRAT	1985 ONLY	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL SEDAN	1985 - 1988	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL-10 SEDAN	1986 ONLY	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	LEONE 1800	1985 - 1986	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	LOYALE	1990 ONLY	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	RX SEDAN	1985 - 1986	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	XT SEDAN	1985 - 1987	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
12006KA062	DISC. 11-620		78.00	1.20	1.50		2.80		9 VALVE
12006KA062	DISC. 11-620		78.00	1.20	1.50		2.80		9 VALVE
880058610	DISC. 11-134		82.00	2.00	2.00		4.00		
380050100	DISC. 11-135		85.00	2.00	2.00		4.00		
380057000	DISC. 11-136		85.00	2.00	2.00		4.00		Std. TRANS
380057000	DISC. 11-136		85.00	2.00	2.00		4.00		DL, GF, Std TRANS
380054320	DISC. 11-137		92.00	2.00	2.00		4.00		8 VALVE
380054300	DISC. 11-137		92.00	2.00	2.00		4.00		DL, FE, GF, GL, GLF, Auto TRANS
380054320	DISC. 11-137		92.00	2.00	2.00		4.00		8 VALVE
380054320	DISC. 11-137		92.00	2.00	2.00		4.00		8 VALVE
380054320	DISC. 11-137		92.00	2.00	2.00		4.00		8 VALVE
380054320	DISC. 11-137		92.00	2.00	2.00		4.00		8 VALVE
380054320	DISC. 11-137		92.00	2.00	2.00		4.00		8 VALVE
480057110	DISC. 11-138		92.00	1.20	1.50		4.00		8 VALVE
480057110	DISC. 11-138		92.00	1.20	1.50		4.00		8 VALVE
480057110	DISC. 11-138		92.00	1.20	1.50		4.00		8 VALVE
480057110	DISC. 11-138		92.00	1.20	1.50		4.00		8 VALVE
480057110	DISC. 11-138		92.00	1.20	1.50		4.00		8 VALVE
480057300	DISC. 11-139		92.00	1.20	1.50		4.00		w/ TURBO, 8 VALVE
480057300	DISC. 11-139		92.00	1.20	1.50		4.00		w/ TURBO, 8 VALVE
480057300	DISC. 11-139		92.00	1.20	1.50		4.00		w/ TURBO, 8 VALVE
12006AA060	NA		92.00	1.20	1.50		4.00		w/ TURBO, 8 VALVE
12006AA060	NA		92.00	1.20	1.50		4.00		w/ TURBO, 8 VALVE
12006AA060	NA		92.00	1.20	1.50		4.00		THROTTLE BODY, 8 VALVE
12006AA090	NA		92.00	1.20	1.50		4.00		8 VALVE
12006AA090	NA		92.00	1.20	1.50		4.00		8 VALVE
12006AA090	NA		92.00	1.20	1.50		4.00		8 VALVE
12006AA090	NA		92.00	1.20	1.50		4.00		8 VALVE
12006AA090	NA		92.00	1.20	1.50		4.00		8 VALVE
12006AA210	NA		92.00	1.20	1.50		4.00		w/ TURBO, 8 VALVE
12006AA210	NA		92.00	1.20	1.50		4.00		w/ TURBO, 8 VALVE
12006AA210	NA		92.00	1.20	1.50		4.00		w/ TURBO, 8 VALVE
12006AA210	NA		92.00	1.20	1.50		4.00		w/ TURBO, 8 VALVE
12006AA210	NA		92.00	1.20	1.50		4.00		w/ TURBO, 8 VALVE
12006AA210	NA		92.00	1.20	1.50		4.00		w/ TURBO, 8 VALVE

SUBARU

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
SUBARU										
1781	1.8L	109	DL TBI	1987 - 1989	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	DL TBI	1987 - 1989	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL TBI	1987 - 1989	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL TBI	1987 - 1989	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL-10 SEDAN	1987 - 1989	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL-10 SEDAN	1987 - 1989	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL-10 TBI	1987 - 1988	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL-10 TBI	1987 - 1988	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	LOYALE	1990 - 1994	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	LOYALE	1990 - 1994	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	XT SEDAN	1997 - 1992	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	XT SEDAN	1997 - 1992	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	XT-6 SEDAN	1997 - 1992	4	EA82	F.I.	S.O.H.C.	12033AA060	SWF20057
1781	1.8L	109	XT-6 SEDAN	1997 - 1992	4	EA82	F.I.	S.O.H.C.	12033AA060	SWF20057
1781	1.8L	109	DL COUPE	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	DL COUPE	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	DL SEDAN	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	DL SEDAN	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	DL WAGON	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	DL WAGON	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL COUPE	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL COUPE	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL SEDAN	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL SEDAN	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL WAGON	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL WAGON	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL-10 COUPE	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL-10 COUPE	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL-10 WAGON	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL-10 WAGON	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	RX COUPE	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	RX COUPE	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	RX SEDAN	1987 - 1988	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	RX SEDAN	1987 - 1988	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	XT COUPE	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	XT COUPE	1987 - 1989	4	EA82	CARB	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	XT-6 COUPE	1988 - 1989	4	EA82	CARB	S.O.H.C.	12033AA060	SWF20057
1781	1.8L	109	XT-6 COUPE	1988 - 1989	4	EA82	CARB	S.O.H.C.	12033AA060	SWF20057
1781	1.8L	109	GL MFI	1987 - 1988	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	GL-10 MFI	1987 - 1989	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	LOYALE	1990 ONLY	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	RX MFI	1987 - 1989	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	XT MFI	1987 - 1989	4	EA82	F.I.	S.O.H.C.	12033AA000	SWF20057
1781	1.8L	109	XT-6 MFI	1988 - 1989	4	EA82	F.I.	S.O.H.C.	12033AA060	SWF20057

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
SUBARU									
12013AA030	11-610	315	92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA030	11-610	315	92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA030	11-610	315	92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA030	11-610	315	92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA030	11-610	315	92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA030	11-610	315	92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA030	11-610	315	92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA030	11-610	315	92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA030	11-610	315	92.00	1.20	1.50		4.00		T.B.I, RIGHT, 8 VALVE
12018AA030	11-610	315	92.00	1.20	1.50		4.00		T.B.I, LEFT, 8 VALVE
12013AA030	11-610	315	92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA030	11-610	315	92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA030	11-610	315	92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA030	11-610	315	92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA000	DISC. 11-616		92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA000	DISC. 11-616		92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA000	DISC. 11-616		92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA000	DISC. 11-616		92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA000	DISC. 11-616		92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA000	DISC. 11-616		92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA000	DISC. 11-616		92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA000	DISC. 11-616		92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA000	DISC. 11-616		92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA000	DISC. 11-616		92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA000	DISC. 11-616		92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA000	DISC. 11-616		92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA000	DISC. 11-616		92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA000	DISC. 11-616		92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA000	DISC. 11-616		92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA000	DISC. 11-616		92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA000	DISC. 11-616		92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA000	DISC. 11-616		92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA000	DISC. 11-616		92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA000	DISC. 11-616		92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12013AA000	DISC. 11-616		92.00	1.20	1.50		4.00		RIGHT, 8 VALVE
12018AA000	DISC. 11-616		92.00	1.20	1.50		4.00		LEFT, 8 VALVE
12006AA240	DISC. 11-712		92.00	1.20	1.50		4.00		8 VALVE
12006AA240	DISC. 11-712		92.00	1.20	1.50		4.00		8 VALVE
12006AA240	DISC. 11-712		92.00	1.20	1.50		4.00		M.P.I., 8 VALVE
12006AA240	DISC. 11-712		92.00	1.20	1.50		4.00		8 VALVE
12006AA240	DISC. 11-712		92.00	1.20	1.50		4.00		8 VALVE
12006AA240	DISC. 11-712		92.00	1.20	1.50		4.00		8 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
SUBARU										
1820	1.8L	111	IMPREZA	1993 - 1996	H4	EJ18	F.I.	S.O.H.C.	12033AA090	SWF20043
1820	1.8L	111	IMPREZA	1993 - 1996	H4	EJ18	F.I.	S.O.H.C.	12033AA090	SWF20043
1820	1.8L	111	IMPREZA	1997 ONLY	H4	EJ18	F.I.	S.O.H.C.	12033AA090	SWF20043
1994	2.0L	122	IMPREZA WRX	2002 - 2006	H4	EJ20	F.I.	D.O.H.C.	12033AD190	SWF20060
2212	2.2L	135	LEGACY	1991 - 1994	H4	EJ22	F.I.	S.O.H.C.	12033AA390	SWF20067
2212	2.2L	135	LEGACY	1991 - 1994	H4	EJ22	F.I.	S.O.H.C.	12033AA390	SWF20067
2212	2.2L	135	IMPREZA	1996 - 1999	H4	EJ22	F.I.	S.O.H.C.	12033AA210	SWF20045
2212	2.2L	135	IMPREZA	1996 - 1999	H4	EJ22	F.I.	S.O.H.C.	12033AA210	SWF20045
2212	2.2L	135	LEGACY	1990 - 1996	H4	EJ22	F.I.	S.O.H.C.	12033AA210	SWF20045
2212	2.2L	135	LEGACY	1990 - 1996	H4	EJ22	F.I.	S.O.H.C.	12033AA210	SWF20045
2212	2.2L	135	IMPREZA	1997 - 1998	H4	EJ22	F.I.	S.O.H.C.	12033AA210	SWF20045
2212	2.2L	135	LEGACY	1997 - 1998	H4	EJ22	F.I.	S.O.H.C.	12033AA210	SWF20045
2212	2.2L	135	LEGACY	1999 ONLY	H4	EJ22	F.I.	S.O.H.C.	12033AA210	SWF20045
2212	2.2L	135	OUTBACK H4	2001 ONLY	H4	EJ22	F.I.	S.O.H.C.	12033AA210	SWF20045
2457	2.5L	150	LEGACY	1996 ONLY	H4	EJ253	F.I.	D.O.H.C.	12033AA760	SWF20064
2457	2.5L	150	LEGACY	1996 ONLY	H4	EJ253	F.I.	D.O.H.C.	12033AA760	SWF20064
2457	2.5L	150	FORESTER	1998 ONLY	H4	EJ253	F.I.	D.O.H.C.	12033AA760	SWF20064
2457	2.5L	150	IMPREZA	1998 ONLY	H4	EJ253	F.I.	D.O.H.C.	12033AA760	SWF20064
2457	2.5L	150	LEGACY	1997 - 1999	H4	EJ253	F.I.	D.O.H.C.	12033AA760	SWF20064
2457	2.5L	150	FORESTER	1999 - 2000	H4	EJ255	F.I.	D.O.H.C.	12033AB010	SWF20066
2457	2.5L	150	IMPREZA	2002 - 2004	H4	EJ255	F.I.	S.O.H.C.	12033AB010	SWF20066
2457	2.5L	150	IMPREZA WRX STi	2002 - 2004	H4	EJ255	F.I.	D.O.H.C.	12033AB250	SWF20066
2457	2.5L	150	BAJA	2003 - 2008	H4	EJ255	F.I.	D.O.H.C.	12033AB010	SWF20066
2457	2.5L	150	LEGACY	2002 - 2012	H4	EJ255	F.I.	D.O.H.C.	12033AB010	SWF20066
2457	2.5L	150	OUTBACK H4	2002 - 2012	H4	EJ255	F.I.	D.O.H.C.	12033AB010	SWF20066
2457	2.5L	150	BAJA	2003 - 2008	H4	EJ255	F.I.	S.O.H.C.	12033AB010	SWF20066
2457	2.5L	150	FORESTER	2001 - 2005	H4	EJ255	F.I.	S.O.H.C.	12033AB010	SWF20066
2457	2.5L	150	IMPREZA	1999 - 2001	H4	EJ255	F.I.	S.O.H.C.	12033AB010	SWF20066
2457	2.5L	150	IMPREZA WRX	2007 - 2010	H4	EJ255	F.I.	S.O.H.C.	12033AB010	SWF20066
2457	2.5L	150	LEGACY	2000 - 2012	H4	EJ255	F.I.	S.O.H.C.	12033AB010	SWF20066
2457	2.5L	150	OUTBACK H4	2000 - 2012	H4	EJ255	F.I.	S.O.H.C.	12033AB010	SWF20066
2457	2.5L	150	IMPREZA	2005 - 2012	H4	EJ255	F.I.	S.O.H.C.	12033AB010	SWF20066
2457	2.5L	150	FORESTER	2002 - 2005	H4	EJ257	F.I.	S.O.H.C.	12033AB340	SWF20068

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
12013AA890	NA		87.90	1.20	1.50		3.00		RIGHT, 16 VALVE
12018AA890	NA		87.90	1.20	1.50		3.00		LEFT, 16 VALVE
12006AA340	NA		87.90	1.20	1.50		3.00		16 VALVE
-	NA		92.00	1.20	1.20		2.50		16 VALVE
12013AA340	NA		96.90	1.50	1.50		3.00		RIGHT, w/ TURBO, 16 VALVE
12018AA340	NA		96.90	1.50	1.50		3.00		LEFT, w/ TURBO, 16 VALVE
12013AA231	11-612	316	96.90	1.20	1.50		3.00		RIGHT, 16 VALVE
12018AA231	11-612	316	96.90	1.20	1.50		3.00		LEFT, 16 VALVE
12013AA231	11-612	316	96.90	1.20	1.50		3.00		RIGHT, 16 VALVE
12018AA231	11-612	316	96.90	1.20	1.50		3.00		LEFT, 16 VALVE
12006AB650	NA		96.90	1.20	1.50		3.00		16 VALVE
12006AB650	NA		96.90	1.20	1.50		3.00		16 VALVE
12006AA990	NA		96.90	1.20	1.50		3.00		16 VALVE
12206AA990	NA		96.90	1.20	1.50		3.00		16 VALVE
12013AB020	DISC. 11-789		99.50	1.20	1.50		2.80		RIGHT, 16 VALVE
12018AB020	DISC. 11-789		99.50	1.20	1.50		2.80		LEFT, 16 VALVE
12006AA410	DISC. 11-787		99.50	1.20	1.50		2.80		16 VALVE
12006AA410	DISC. 11-787		99.50	1.20	1.50		2.80		16 VALVE
12006AA410	DISC. 11-787		99.50	1.20	1.50		2.80		16 VALVE
12006AB510	NA		99.50	1.20	1.20		2.50		16 VALVE
12006AB070	NA		99.50	1.20	1.20		2.50		RS Models, 16 VALVE
12006AC070	NA		99.50	1.20	1.20		2.50		16 VALVE
12006AC390	NA		99.50	1.20	1.20		2.50		w/ TURBO, 16 VALVE
12006AC390	NA		99.50	1.20	1.20		2.50		2.5GT & Ltd Models, 16 VALVE
12006AC390	NA		99.50	1.20	1.20		2.50		2.5XT & Ltd Models, 16 VALVE
12006AB470	11-788	343	99.50	1.20	1.20		2.50		16 VALVE
12006AB470	11-788	343	99.50	1.20	1.20		2.50		16 VALVE
12006AB470	11-788	343	99.50	1.20	1.20		2.50		RS Models, 16 VALVE
12006AB470	11-788	343	99.50	1.20	1.20		2.50		16 VALVE
12006AB470	11-788	343	99.50	1.20	1.20		2.50		2.5i & Ltd. Models, 16 VALVE
12006AB470	11-788	343	99.50	1.20	1.20		2.50		2.5i & Ltd, Sport Models, 16 VALVE
12006AC830	NA		99.50	1.20	1.20		2.50		RS Models, 16 VALVE
12006AC390	NA		99.50	1.20	1.20		2.00		w/ TURBO, 16 VALVE

SUBARU

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
SUBARU										
2457	2.5L	150	FORESTER	2006 - 2012	H4	EJ257	F.I.	S.O.H.C.	12033AB340	SWF20068
2457	2.5L	150	FORESTER	2006 - 2012	H4	EJ257	F.I.	D.O.H.C.	12033AB340	SWF20068
2457	2.5L	150	IMPREZA WRX STi	2005 - 2012	H4	EJ257	F.I.	D.O.H.C.	12033AB340	SWF20068
2999	3.0L	183	LEGACY	2008 - 2010	H6	EZ30	F.I.	D.O.H.C.	12033AB130	SWF20070
2999	3.0L	183	OUTBACK H6	2001 - 2010	H6	EZ30	F.I.	D.O.H.C.	12033AB130	SWF20070
2999	3.0L	183	B9 TRIBECA	2005 - 2007	H6	EZ30	F.I.	D.O.H.C.	12033AB130	SWF20070
3318	3.3L	202	SVX	1991 - 1997	H6	EJ33	F.I.	D.O.H.C.	12033AA450	SWF20058
3318	3.3L	202	SVX	1991 - 1997	H6	EJ33	F.I.	D.O.H.C.	12033AA450	SWF20058
3629	3.6L	221	B9 TRIBECA	2008 - 2012	H6	EZ36	F.I.	D.O.H.C.	12033AC060	NA
3629	3.6L	221	LEGACY	2010 - 2012	H6	EZ36	F.I.	D.O.H.C.	12033AC060	NA
3629	3.6L	221	OUTBACK H6	2010 - 2012	H6	EZ36	F.I.	D.O.H.C.	12033AC060	NA
SUBARU - END										

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
SUZUKI										
1298	1.3L	79	SAMURAI	1989 - 1992	4	G13BA	F.I.	S.O.H.C.	12140-82X50	SWS20143
1298	1.3L	79	SAMURAI	1993 - 1996	4	G13BA	F.I.	S.O.H.C.	12140-82X50	SWS20143
1298	1.3L	79	SWIFT	1989 - 1997	4	G13BA	F.I.	S.O.H.C.	12140-82X50	SWS20143
1298	1.3L	79	SWIFT	1989 - 1994	4	G13K	F.I.	D.O.H.C.	12140-82X50	SWS20143
1298	1.3L	79	SWIFT	1998 - 2001	4	G13BB	F.I.	S.O.H.C.	12140-63E50	SWS20186
1324	1.3L	81	SAMURAI	1986 - 1988	4	G13A	CARB	S.O.H.C.	12140-82X50	SWS20141
1324	1.3L	81	SIDEKICK	1989 ONLY	4	G13A	CARB	S.O.H.C.	12140-82X50	SWS20143
1590	1.6L	97	SIDEKICK	1989 - 1995	4	G16A	F.I.	S.O.H.C.	12140-60A50	SWS20142
1590	1.6L	97	SIDEKICK	1989 - 1997	4	G16A	F.I.	S.O.H.C.	12140-60A50	SWS20142
1590	1.6L	97	ESTEEM	1995 - 1997	4	G16S	F.I.	S.O.H.C.	12140-61G00	SWS20190
1590	1.6L	97	X-90	1996 - 1998	4	G16KV	F.I.	S.O.H.C.	12140-60A50	SWS20142
1590	1.6L	97	ESTEEM	1998 - 2001	4	G16S	F.I.	S.O.H.C.	12140-61G50	SWS20190
1590	1.6L	97	SIDEKICK	1998 ONLY	4	G16S	F.I.	S.O.H.C.	12140-61G50	SWS20190
1590	1.6L	97	VITARA	1999 - 2001	4	G16S	F.I.	S.O.H.C.	12140-61G50	SWS20190
1840	1.8L	112	ESTEEM	1999 - 2002	4	J18A	F.I.	D.O.H.C.	12140-86FA0	SWS20178
1840	1.8L	112	GRAND VITARA	1999 ONLY	4	J18A	F.I.	D.O.H.C.	12140-86FA0	SWS20178
1840	1.8L	112	SIDEKICK	1996 - 1998	4	J18A	F.I.	D.O.H.C.	12140-86FA0	SWS20178
1995	2.0L	122	AERIO	2002 - 2003	4	J20A	F.I.	D.O.H.C.	12140-86FA0	SWS20178
1995	2.0L	122	GRAND VITARA	1999 ONLY	4	J20A	F.I.	D.O.H.C.	12140-86FA0	SWS20178
1995	2.0L	122	VITARA	1999 - 2004	4	J20A	F.I.	D.O.H.C.	12140-86FA0	SWS20178
1995	2.0L	122	SX-4	2007 - 2012	4	J20B	F.I.	D.O.H.C.	12140-65J00	SWS20216
1995	2.0L	122	SX-4 CROSSOVER	2007 - 2012	4	J20B	F.I.	D.O.H.C.	12140-65J00	SWS20216
1998	2.0L	122	FORENZA	2003 - 2008	4	KL5J	F.I.	D.O.H.C.	12140-85Z00	NA
1998	2.0L	122	RENO	2005 - 2008	4	KL5J	F.I.	D.O.H.C.	12140-85Z00	NA
2294	2.3L	140	AERIO	2004 - 2008	4	J23A	F.I.	D.O.H.C.	12140-59J00	NA
2393	2.4L	146	GRAND VITARA	2009 - 2012	4	J24B	F.I.	D.O.H.C.	12140-78K00	SWS20215
2393	2.4L	146	KIZASHI	2010 - 2012	4	J24B	F.I.	D.O.H.C.	12140-78K00	SWS20215
2488	2.5L	152	EQUATOR	2009 - 2012	4	QR25DE	F.I.	D.O.H.C.	12033-EA00B	SWN30192
2492	2.5L	152	VERONA	2004 - 2008	6	KL5V	F.I.	D.O.H.C.	12140-86Z00	NA
2494	2.5L	152	GRAND VITARA	1999 - 2006	V6	H25A	F.I.	D.O.H.C.	12140-86FA0	SWS20178/6

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
12100-61840-0A0	11-626	316	74.00	1.20	1.50		2.80		8 VALVE
12100-63850-0A0	11-626	316	74.00	1.20	1.50		2.80		8 VALVE
12100-61840-0A0	11-626	316	74.00	1.20	1.50		2.80		GLX, 8 VALVE
12111-86501-0A0	11-627	316	74.00	1.20	1.50		2.80		Gti, 16 VALVE
12111-63E10-0A0	11-769	340	74.00	1.20	1.20		2.50		16 VALVE
12111-83000-0A0	11-625	316	74.00	1.20	1.50		2.80		8 VALVE
12111-82010-0A0	11-628	317	74.00	1.20	1.50		2.80		8 VALVE
12111-60A02-0A0	11-629	317	75.00	1.20	1.50		2.80		8 VALVE
12100-71820-0A0	11-630	317	75.00	1.20	1.50		2.80		16 VALVE
12111-61G00-0A0	NA		75.00	1.20	1.20		2.50		16 VALVE
12100-61850-0B0	<i>DISC. 11-805</i>		75.00	1.20	1.50		2.80		16 VALVE
12100-61850-0A0	NA		75.00	1.20	1.20		2.50		16 VALVE
12100-61850-0A0	NA		75.00	1.20	1.20		2.50		16 VALVE
12100-61850-0A0	NA		75.00	1.20	1.20		2.50		16 VALVE
12100-86830-0A0	11-775	341	84.00	1.20	1.50		2.50		16 VALVE
12100-86830-0A0	11-775	341	84.00	1.20	1.50		2.50		16 VALVE
12100-86830-0A0	11-775	341	84.00	1.20	1.50		2.50		16 VALVE
12100-65810-0A0	11-775	341	84.00	1.20	1.50		2.50		16 VALVE
12100-65810-0A0	11-775	341	84.00	1.20	1.50		2.50		16 VALVE
12100-65810-0A0	11-775	341	84.00	1.20	1.50		2.50		16 VALVE
12100-65821	NA		84.00	1.20	1.20		2.50		NISSAN Engine, 16 VALVE
12100-65821	NA		84.00	1.20	1.20		2.50		NISSAN Engine, 16 VALVE
12111-85Z00	NA		86.00						16 VALVE
12111-85Z00	NA		86.00						16 VALVE
12100-59810-0A0	NA								16 VALVE
12100-78831-0A0	NA		92.00	1.20	1.00		2.00		16 VALVE
12100-78831-0A0	NA		92.00	1.20	1.00		2.00		16 VALVE
A2010-EA001	11-881	363	89.00	1.20	1.20		2.50		NISSAN Engine, 16 VALVE
12111-86Z00-0A0	NA		77.00						24 VALVE
12100-86831-0A0	11-883	363	84.00	1.20	1.50		2.50		24 VALVE

SUZUKI

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
TOYOTA										
1166	1.2L	71	COROLLA	1973 - 1979	4	3KC	CARB	O.H.V.	13011-24011	SWT10052
1290	1.3L	79	STARLET	1981 - 1982	4	4KC	CARB	S.O.H.C.	13011-13030	SWT10052
1290	1.3L	79	STARLET	1983 - 1984	4	4KE	CARB	S.O.H.C.	13011-13010	SWT10109
1452	1.5L	89	TERCEL	1980 ONLY	4	1AC	CARB	S.O.H.C.	13011-15011	SWT10078
1452	1.5L	89	TERCEL	1981 - 1990	4	3AC	CARB	S.O.H.C.	13011-15011	SWT10078
1456	1.5L	89	TERCEL	1986 - 1994	4	3E	CARB	S.O.H.C.	13011-11090	SWT10105
1456	1.5L	89	TERCEL	1988 - 1994	4	3EE	F.I.	S.O.H.C.	13011-11090	SWT10105
1456	1.5L	89	PASEO	1991 - 1995	4	5EFE	F.I.	D.O.H.C.	13011-11140	SWT10128
1456	1.5L	89	TERCEL	1995 - 1998	4	5EFE	F.I.	D.O.H.C.	13011-11160	SWT10128
1496	1.5L	91	ECHO	2000 - 2005	4	1NZFE	F.I.	D.O.H.C.	13011-21041	SWT10192
1496	1.5L	91	YARIS	2007 - 2012	4	1NZFE	F.I.	D.O.H.C.	13011-21041	SWT10192
1497	1.5L	91	PRIUS HYBRID	1999 - 2004	4	1NZFXE	F.I.	D.O.H.C.	13011-21070	SDT10222
1497	1.5L	91	PRIUS HYBRID	2005 - 2009	4	1NZFXE	F.I.	D.O.H.C.	13011-21100	SWT10229
1587	1.6L	97	COROLLA	1983 - 1987	4	4AC	CARB	S.O.H.C.	13011-16011	SWT10108
1587	1.6L	97	COROLLA	1984 - 1989	4	4ALC	CARB	S.O.H.C.	13011-16011	SWT10108
1587	1.6L	97	MR2	1988 - 1989	4	4AGZE	F.I.	D.O.H.C.	13011-16090	SWT10145
1587	1.6L	97	CELICA	1990 - 1992	4	4AFE	F.I.	D.O.H.C.	13011-16130	SWT10142
1587	1.6L	97	COROLLA	1988 - 1991	4	4AF	CARB	D.O.H.C.	13011-16130	SWT10142
1587	1.6L	97	COROLLA	1988 - 1992	4	4AFE	F.I.	D.O.H.C.	13011-16130	SWT10142
1587	1.6L	97	COROLLA	1985 - 1987	4	4AGEC	F.I.	D.O.H.C.	13011-16170	SWT10108
1587	1.6L	97	COROLLA	1987 ONLY	4	4AGELC	F.I.	D.O.H.C.	13011-16170	SWT10108
1587	1.6L	97	MR2	1985 - 1987	4	4AGELC	F.I.	D.O.H.C.	13011-16170	SWT10108
1587	1.6L	97	COROLLA	1988 - 1990	4	4AGE	F.I.	D.O.H.C.	13011-16170	SWT10108
1587	1.6L	97	COROLLA	1988 - 1989	4	4AGELC	F.I.	D.O.H.C.	13011-16170	SWT10108
1587	1.6L	97	MR2	1988 - 1989	4	4AGELC	F.I.	D.O.H.C.	13011-16170	SWT10108
1587	1.6L	97	COROLLA	1993 - 1997	4	4AFE	F.I.	D.O.H.C.	13011-16300	SWT10156
1588	1.6L	97	CARINA	1972 - 1973	4	2TC	CARB	O.H.V.	13011-26041	SWT10040
1588	1.6L	97	COROLLA	1973 - 1977	4	2TC	CARB	O.H.V.	13011-36020	SWT10040
1588	1.6L	97	COROLLA	1973 - 1976	4	2TC	CARB	O.H.V.	13011-36020	SWT10040

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
13101-24010	11-140	301	75.00	2.00	2.00		4.00		
13101-24011-02	11-140	301	75.00	2.00	2.00		4.00		
13101-13021	11-141	301	75.00	1.50	1.50		4.00		
13101-15010	11-142	302	77.50	1.50	1.50		2.80		8 VALVE
13101-15020-02	11-143	302	77.50	1.50	1.50		2.80		8 VALVE
13101-11081-02	11-650	321	73.00	1.50	1.50		3.00		12 VALVE
13101-11081-02	11-650	321	73.00	1.50	1.50		3.00		12 VALVE
13101-11131-01	11-656	322	74.00	1.20	1.20		3.00		16 VALVE
13101-11161-01	11-656	322	74.00	1.20	1.20		3.00		w/ CALIF E.C.S., 16 VALVE
13101-21030	11-776	342	75.00	1.20	1.20		2.00		16 VALVE
13101-21030	11-776	342	75.00	1.20	1.20		2.00		16 VALVE
13101-21070	NA		75.00	1.20	1.20		2.00		16 VALVE
13101-21110	NA		75.00	0.80	1.00		1.50		16 VALVE
13103-16010	11-144	302	81.00	1.50	1.50		2.80		R.W.D., 8 VALVE
13103-16010	11-144	302	81.00	1.50	1.50		2.80		F.W.D., 8 VALVE
13101-16100-01	NA		81.00	1.50	1.50		2.80		w/ TURBO
13101-16090-01	11-649	320	81.00	1.50	1.50		3.00		16 VALVE
13101-16090-01	11-649	320	81.00	1.50	1.50		3.00		16 VALVE
13101-16090-01	11-649	320	81.00	1.50	1.50		3.00		16 VALVE
13101-16020-02	11-659	322	81.00	1.50	1.50		2.80		16 VALVE
13101-16020-02	11-659	322	81.00	1.50	1.50		2.80		16 VALVE
13101-16020-02	11-659	322	81.00	1.50	1.50		2.80		16 VALVE
13101-16070-01	11-660	322	81.00	1.50	1.50		2.80		16 VALVE
13101-16070-01	11-660	322	81.00	1.50	1.50		2.80		16 VALVE
13101-16070-01	11-660	322	81.00	1.50	1.50		2.80		16 VALVE
13101-16160-01	11-714	329	81.00	1.20	1.50		3.00		16 VALVE
13101-26011	11-145	302	85.00	2.00	2.00		4.00		OE STYLE SET
13101-26011	11-145	302	85.00	2.00	2.00		4.00		w/o CALIF E.C.S.
13101-26021	DISC. 11-146		85.00	2.00	2.00		4.00		w/ CALIF E.C.S.

TOYOTA

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
TOYOTA										
1588	1.6L	97	CARINA	1972 - 1973	4	2TC	CARB		13011-28030	SWT10059
1588	1.6L	97	COROLLA	1978 - 1979	4	2TC	CARB	O.H.V.	13011-28030	SWT10059
1588	1.6L	97	COROLLA	1978 - 1979	4	2TC	CARB	O.H.V.	13011-28030	SWT10059
1762	1.8L	108	CELICA	1993 - 1997	4	7AFE	F.I.	D.O.H.C.	13011-16300	SWT10156
1762	1.8L	108	COROLLA	1993 - 1997	4	7AFE	F.I.	D.O.H.C.	13011-16340	SWT10156
1770	1.8L	108	COROLLA	1980 - 1982	4	3TC	CARB	O.H.V.	13011-28030	SWT10059
1794	1.8L	109	MR2 SPYDER	2000 - 2006	4	1ZZFE	F.I.	D.O.H.C.	13011-22150	SWT10183
1794	1.8L	109	CELICA	2000 - 2006	4	1ZZFE	F.I.	D.O.H.C.	13011-22040	SWT10183
1794	1.8L	109	COROLLA	1998 - 1999	4	1ZZFE	F.I.	D.O.H.C.	13011-22040	SWT10183
1794	1.8L	109	MATRIX	2002 - 2008	4	1ZZFE	F.I.	D.O.H.C.	13011-22040	SWT10183
1794	1.8L	109	COROLLA	2000 ONLY	4	1ZZFE	F.I.	D.O.H.C.	13011-0D010	SWT10183
1794	1.8L	109	COROLLA	2001 - 2008	4	1ZZFE	F.I.	D.O.H.C.	13011-0D010	SWT10183
1796	1.8L	110	CELICA	2000 - 2006	4	2ZZEE	F.I.	D.O.H.C.	13011-88601	SWT10196
1796	1.8L	110	MATRIX	2002 - 2006	4	2ZZGE	F.I.	D.O.H.C.	13011-88601	SWT10196
1798	1.8L	110	COROLLA	2009 - 2012	4	2ZRFE	F.I.	D.O.H.C.	13011-0H031	TBA
1798	1.8L	110	MATRIX	2009 - 2012	4	2ZRFE	F.I.	D.O.H.C.	13011-0H031	TBA
1798	1.8L	110	PRIUS HYBRID	2010 - 2012	4	2ZRFXE	F.I.	D.O.H.C.	13011-37110	NA
1839	1.8L	112	CAMRY	1984 - 1985	4	1CLTC	DIESEL		13011-64070	SDT10081
1839	1.8L	112	COROLLA	1984 - 1985	4	1CLC	DIESEL		13011-64070	SDT10081
1858	1.9L	113	CELICA	1971 ONLY	4	8RC	CARB		13011-33022	SWT10019
1858	1.9L	113	CORONA	1970 - 1971	4	8RC	CARB		13011-33022	SWT10019
1897	1.9L	116	CORONA	1968 - 1969	4	3RC	CARB		13011-40010	SWT10022
1968	2.0L	120	CELICA	1972 - 1974	4	18RC	CARB		13011-38020	SWT10043
1968	2.0L	120	CORONA	1973 - 1974	4	18RC	CARB		13011-38020	SWT10043
1968	2.0L	120	PICKUP	1972 - 1974	4	18RC	CARB		13011-38020	SWT10043
1974	2.0L	120	CAMRY	1986 - 1987	4	2CTLTC	DIESEL		13011-64150	SDT10096
1994	2.0L	122	FT-86	2011 - 2012	H4	D-4S	F.I.	D.O.H.C.	-	NA
1995	2.0L	122	CAMRY	1983 - 1986	4	2SELC	F.I.	S.O.H.C.	13011-74021	SWT10088
1995	2.0L	122	CELICA	1986 ONLY	4	2SELC	F.I.	S.O.H.C.	13011-74021	SWT10088
1998	2.0L	122	VAN	1984 ONLY	4	3YEC	F.I.	O.H.V.	13011-71012	SWT10090
1998	2.0L	122	VAN	1985 ONLY	4	3YEC	F.I.	O.H.V.	13011-71012	SWT10090

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
13101-26040	DISC. 11-147		85.00	1.50	1.50		4.00		REPLACEMENT SET
13101-26040	DISC. 11-147		85.00	1.50	1.50		4.00		8 VALVE
13101-26031	DISC. 11-148		85.00	1.50	1.50		4.00		w/o CALIF E.C.S., w/o ALF E.C.S.
13101-16150-01	11-713	329	81.00	1.20	1.50		3.00		16 VALVE
13101-16150-01	11-713	329	81.00	1.20	1.50		3.00		16 VALVE
13101-28010	11-149	303	85.00	1.50	1.50		4.00		8 VALVE
13101-22031	DISC. 11-790		79.00	1.20	1.20		3.00		16 VALVE
13101-22020	11-756	338	79.00	1.20	1.20		3.00		GT, 16 VALVE
13101-22020	11-756	338	79.00	1.20	1.20		3.00		16 VALVE
13101-22020	11-756	338	79.00	1.20	1.20		3.00		XR, 16 VALVE
13101-22140	11-777	342	79.00	1.20	1.20		3.00		16 VALVE
13101-0D040	11-777	342	79.00	1.20	1.20		3.00		16 VALVE
13101-88601	11-802	346	82.00	1.20	1.20		3.00		GT-S, 16 VALVE
13101-88601	11-802	346	82.00	1.20	1.20		3.00		XRS, 16 VALVE
13211-0H040	NA		80.50						16 VALVE
13211-0H040	NA		80.50						16 VALVE
13101-37120	NA		80.50						16 VALVE
13101-64040	DISC. 11-150		83.00	2.00	2.00		4.00		
13101-64010	DISC. 11-150		83.00	2.00	2.00		4.00		
13101-33010	DISC. 11-151		86.00	2.00	2.50		4.00		
13101-33010	DISC. 11-151		86.00	2.00	2.50		4.00		
13101-40010	DISC. 11-152		88.00	2.50	2.50		5.00		
13101-34030	11-153	303	88.50	2.00	2.50		4.00		
13101-34030	11-153	303	88.50	2.00	2.50		4.00		
13101-34030	11-153	303	88.50	2.00	2.50		4.00		
13101-64070-02	DISC. 11-655		86.00	2.00	2.00		4.00		
-	NA		92.00						SUBARU Engine, w/ TURBO, 16 VALVE
13101-74010	DISC. 11-154		84.00	1.50	1.50		4.00		8 VALVE
13101-74010	DISC. 11-154		84.00	1.50	1.50		4.00		8 VALVE
13101-73010-02	11-155	303	86.00	1.50	1.50		4.00		8 VALVE
13101-43051-02	11-155	303	86.00	1.50	1.50		4.00		8 VALVE

TOYOTA

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
TOYOTA										
1998	2.0L	122	CAMRY	1987 - 1991	4	3SFE	F.I.	D.O.H.C.	13011-74072	SWT10090
1998	2.0L	122	CELICA	1986 - 1989	4	3SFE	F.I.	D.O.H.C.	13011-74072	SWT10090
1998	2.0L	122	CELICA	1986 - 1989	4	3SGELC	F.I.	D.O.H.C.	13011-88363	SWT10141
1998	2.0L	122	CELICA	1988 - 1989	4	3SGTE	F.I.	D.O.H.C.	13011-88380	SWT10141
1998	2.0L	122	CELICA	1990 - 1994	4	3SGTE	F.I.	D.O.H.C.	13011-88381	SWT10141
1998	2.0L	122	MR2	1990 - 1995	4	3SGTE	F.I.	D.O.H.C.	13011-88380	SWT10141
1998	2.0L	122	RAV4	1995 - 1997	4	3SFE	F.I.	D.O.H.C.	13011-74072	SWT10090
1998	2.0L	122	RAV4	1998 - 2000	4	3SFE	F.I.	D.O.H.C.	13011-74361	SWT10162
1998	2.0L	122	RAV4	2001 - 2003	4	1AZFE	F.I.	D.O.H.C.	13011-28120	SWT10186
2164	2.2L	132	CAMRY	1992 - 1997	4	5SFE	F.I.	D.O.H.C.	13011-74290	SWT10133
2164	2.2L	132	CELICA	1990 - 1999	4	5SFE	F.I.	D.O.H.C.	13011-74290	SWT10133
2164	2.2L	132	MR2	1990 - 1995	4	5SFE	F.I.	D.O.H.C.	13011-74290	SWT10133
2164	2.2L	132	CELICA	1990 - 1991	4	5SFE	F.I.	D.O.H.C.	13011-74150	SWT10149
2164	2.2L	132	MR2	1990 - 1991	4	5SFE	F.I.	D.O.H.C.	13011-74150	SWT10149
2164	2.2L	132	CAMRY SOLARA	1998 - 2001	4	5SFE	F.I.	D.O.H.C.	13011-74370	SWT10166
2164	2.2L	132	CAMRY	1998 - 2001	4	5SFE	F.I.	D.O.H.C.	13011-74370	SWT10166
2188	2.2L	134	PICKUP	1981 ONLY	4	L	DIESEL		13011-54021	SDT10066
2188	2.2L	134	PICKUP	1982 ONLY	4	L	DIESEL		13011-54080	SDT10082
2188	2.2L	134	PICKUP	1983 ONLY	4	L	DIESEL		13011-54080	SDT10082
2189	2.2L	134	CELICA	1975 - 1980	4	20R	CARB	S.O.H.C.	13011-38020	SWT10043
2189	2.2L	134	CORONA	1975 - 1980	4	20R	CARB	S.O.H.C.	13011-38020	SWT10043
2189	2.2L	134	PICKUP	1975 - 1980	4	20R	CARB	S.O.H.C.	13011-38020	SWT10043
2237	2.2L	137	VAN	1986 - 1987	4	4YEC	F.I.	O.H.V.	13011-73032	SWT10111
2237	2.2L	137	VAN	1988 - 1989	4	4YEC	F.I.	O.H.V.	13011-73032	SWT10111
2253	2.3L	137	CORONA	1972 ONLY	6	2M	CARB		13011-41015	SXT10004
2362	2.4L	144	CAMRY	2002 - 2009	4	2AZFE	F.I.	D.O.H.C.	13011-28102	SWT10182
2362	2.4L	144	CAMRY SOLARA	2002 - 2008	4	2AZFE	F.I.	D.O.H.C.	13011-28102	SWT10182
2362	2.4L	144	HIGHLANDER	2001 - 2008	4	2AZFE	F.I.	D.O.H.C.	13011-28102	SWT10182
2362	2.4L	144	RAV4	2004 - 2009	4	2AZFE	F.I.	D.O.H.C.	13011-23100	SWT10182

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
13101-74112-02	11-644	319	86.00	1.50	1.50		4.00		16 VALVE
13101-74112-02	11-644	319	86.00	1.50	1.50		4.00		16 VALVE
13101-74032-02	11-648	320	86.00	1.20	1.50		4.00		GTS, 16 VALVE
13101-88380-01	11-646	320	86.00	1.20	1.50		4.00		w/ TURBO, 16 VALVE
13101-88381-01	11-647	320	86.00	1.20	1.50		4.00		w/ TURBO, 16 VALVE
13101-88381-01	11-647	320	86.00	1.20	1.50		4.00		w/ TURBO, 16 VALVE
13101-74100-01	11-723	331	86.00	1.50	1.50		4.00		16 VALVE
13101-74191-01	11-795	345	86.00	1.20	1.20		3.00		16 VALVE
13211-28060-A0	11-850	355	86.00	1.20	1.20		2.00		16 VALVE
13101-74130-01	11-654	321	87.00	1.50	1.50		4.00		16 VALVE
13101-74130-01	11-654	321	87.00	1.50	1.50		4.00		16 VALVE
13101-74130-01	11-654	321	87.00	1.50	1.50		4.00		16 VALVE
13101-74080-01	11-657	322	87.00	1.50	1.50		3.00		16 VALVE
13101-74080-01	11-657	322	87.00	1.50	1.50		3.00		16 VALVE
13101-03060	11-750	337	87.00	1.20	1.20		3.00		16 VALVE
13101-74240	NA		87.00	1.20	1.20		3.00		16 VALVE
13101-54010	DISC. 11-633		90.00	2.50	2.00		4.00		
13101-54021	11-634	318	90.00	2.00	2.00		4.00		
13101-54040	DISC. 11-635		90.00	2.00	2.00		4.00		
13101-38020	11-157	303	88.50	2.00	2.50		4.00		8 VALVE
13101-38020	11-157	303	88.50	2.00	2.50		4.00		8 VALVE
13101-38020	11-157	303	88.50	2.00	2.50		4.00		8 VALVE
13101-76012-71	11-637	318	91.00	1.50	1.50		4.00		8 VALVE
13101-73031-01	11-637	318	91.00	1.50	1.50		4.00		8 VALVE
13101-42020	DISC. 11-161		75.00	2.00	2.00		4.00		
13211-28030-A0	11-792	344	88.50	1.20	1.20		2.00		VVT-i, 16 VALVE
13211-28031-A0	11-792	344	88.50	1.20	1.20		2.00		VVT-i, 16 VALVE
13211-28030-A0	11-792	344	88.50	1.20	1.20		2.00		16 VALVE
13211-28030-A0	11-792	344	88.50	1.20	1.20		2.00		16 VALVE

TOYOTA

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
TOYOTA										
2362	2.4L	144	COROLLA	2009 - 2012	4	2AZFE	F.I.	D.O.H.C.	13011-0T010	SWT10182
2362	2.4L	144	MATRIX	2009 - 2012	4	2AZFE	F.I.	D.O.H.C.	13011-0T010	SWT10182
2362	2.4L	144	CAMRY HYBRID	2007 - 2012	4	2AZFE	F.I.	D.O.H.C.	13011-0H031	SWT10182
2366	2.4L	144	4 RUNNER	1984 ONLY	4	22R	CARB	S.O.H.C.	13011-35020	SWT10077
2366	2.4L	144	4 RUNNER	1985 ONLY	4	22REC	F.I.	S.O.H.C.	13011-35020	SWT10077
2366	2.4L	144	CELICA	1981 - 1982	4	22R	CARB	S.O.H.C.	13011-35020	SWT10077
2366	2.4L	144	CELICA	1983 - 1985	4	22REC	F.I.	S.O.H.C.	13011-35020	SWT10077
2366	2.4L	144	CORONA	1981 - 1982	4	22R	CARB	S.O.H.C.	13011-35020	SWT10077
2366	2.4L	144	PICKUP	1981 - 1985	4	22R	CARB	S.O.H.C.	13011-35020	SWT10077
2366	2.4L	144	PICKUP	1984 - 1985	4	22REC	F.I.	S.O.H.C.	13011-35020	SWT10077
2366	2.4L	144	4 RUNNER	1986 - 1995	4	22REC	F.I.	S.O.H.C.	13011-35052	SWT10103
2366	2.4L	144	PICKUP	1986 - 1991	4	22R	C & F	S.O.H.C.	13011-35052	SWT10103
2366	2.4L	144	PICKUP	1986 - 1989	4	22REC	F.I.	S.O.H.C.	13011-35052	SWT10103
2366	2.4L	144	PICKUP	1990 - 1995	4	22RE	F.I.	S.O.H.C.	13011-35052	SWT10103
2366	2.4L	144	4 RUNNER	1986 - 1987	4	22RTEC	F.I.	S.O.H.C.	13011-35041	SWT10103
2366	2.4L	144	PICKUP	1985 - 1989	4	22RTEC	F.I.	S.O.H.C.	13011-35041	SWT10103
2438	2.4L	149	PREVIA	1990 - 1995	4	2TZFE	F.I.	D.O.H.C.	13011-76050	SWT10127
2438	2.4L	149	PREVIA	1995 - 1998	4	2TZFZE	F.I.	D.O.H.C.	13011-76050	SWT10127
2438	2.4L	149	TACOMA	1995 - 2004	4	2RZFE	F.I.	D.O.H.C.	13011-75040	SWT10139
2446	2.4L	149	PICKUP	1984 - 1985	4	2L	DIESEL		13011-54062	SDT10089
2446	2.4L	149	PICKUP	1985 ONLY	4	2LT	DIESEL		13011-54062	SDT10089
2494	2.5L	152	RAV4	2009 - 2012	4	2ARFE	F.I.	D.O.H.C.	13011-0V010	SDT09000
2494	2.5L	152	CAMRY	2009 - 2012	4	2ARFE	F.I.	D.O.H.C.	13011-0V010	SDT09000
2507	2.5L	153	CAMRY	1988 - 1991	V6	2VZFE	F.I.	D.O.H.C.	13011-62040	SWT10148
2563	2.6L	156	CORONA	1973 - 1976	6	4M	CARB		13011-45021	SXT10041
2563	2.6L	156	GRESSIDA	1978 - 1980	6	4M, 4ME	CARB		13011-45021	SXT10041
2563	2.6L	156	SUPRA	1979 - 1980	6	4ME	F.I.		13011-45021	SXT10041
2672	2.7L	163	HIGHLANDER	2009 - 2012	4	1ARFE	F.I.	D.O.H.C.	13011-0V040	SDT09001
2672	2.7L	163	RAV4	2010 - 2012	4	1ARFE	F.I.	D.O.H.C.	13011-0V040	SDT09001
2672	2.7L	163	SIENNA	2011 - 2012	4	1ARFE	F.I.	D.O.H.C.	13011-0V040	SDT09001
2672	2.7L	163	VENZA	2009 - 2012	4	1ARFE	F.I.	D.O.H.C.	13011-0V040	SDT09001

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
13101-0T010	NA		88.50	1.20	1.20		2.00		16 VALVE
13101-0T010	NA		88.50	1.20	1.20		2.00		16 VALVE
13211-28121-A0	NA		88.50	1.20	1.20		2.00		16 VALVE
13101-35020	11-241	305	92.00	2.00	2.50		4.00		8 VALVE
13101-35020	11-241	305	92.00	2.00	2.50		4.00		8 VALVE
13101-35020	11-241	305	92.00	2.00	2.50		4.00		8 VALVE
13101-35020	11-241	305	92.00	2.00	2.50		4.00		8 VALVE
13101-35020	11-241	305	92.00	2.00	2.50		4.00		8 VALVE
13101-35020	11-241	305	92.00	2.00	2.50		4.00		8 VALVE
13101-35020	11-241	305	92.00	2.00	2.50		4.00		8 VALVE
13101-35032-02	11-239	305	92.00	1.50	1.50		4.00		8 VALVE
13101-35032-02	11-239	305	92.00	1.50	1.50		4.00		8 VALVE
13101-35032-02	11-239	305	92.00	1.50	1.50		4.00		8 VALVE
13101-35032-01	11-239	305	92.00	1.50	1.50		4.00		8 VALVE
13101-35050-02	11-677	324	92.00	1.50	1.50		4.00		w/ TURBO, 8 VALVE
13101-35050-02	11-677	324	92.00	1.50	1.50		4.00		w/ TURBO, 8 VALVE
13101-76041	11-636	318	95.00	1.75	1.50		4.00		16 VALVE
13101-76050	11-725	331	95.00	1.75	1.50		4.00		w/ TURBO, 16 VALVE
13101-75071	11-745	336	95.00	1.50	1.50		4.00		16 VALVE
13101-54060-02	11-632	318	92.00	2.00	2.00		4.00		
13101-54050-02	11-631	317	92.00	2.00	2.00		4.00		w/ TURBO
13211-36031-A0	NA		90.00	1.00	1.00		2.00		VVT-i, 16 VALVE
13211-0V011-A0	NA		90.00	1.00	1.00		2.00		VVT-i, 16 VALVE
13101-62020-01	11-651	321	87.50	1.50	1.50		3.00		24 VALVE
13101-45011	DISC. 11-166		80.00	2.00	2.00		4.00		
13101-45021	DISC. 11-167		80.00	2.00	2.00		4.00		
13101-45021	DISC. 11-167		80.00	2.00	2.00		4.00		
13211-36040-A0	NA		90.00	1.00	1.00		2.00		16 VALVE
13211-36040-A0	NA		90.00	1.00	1.00		2.00		16 VALVE
13211-36040-A0	NA		90.00	1.00	1.00		2.00		16 VALVE
13211-36040-A0	NA		90.00	1.00	1.00		2.00		16 VALVE

TOYOTA

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
TOYOTA										
2693	2.7L	164	4 RUNNER	1996 - 2000	4	3RZFE	F.I.	D.O.H.C.	13011-75040	SWT10139
2693	2.7L	164	T100	1993 - 1998	4	3RZFE	F.I.	D.O.H.C.	13011-75040	SWT10139
2693	2.7L	164	TACOMA	1995 - 2004	4	3RZFE	F.I.	D.O.H.C.	13011-75041	SWT10139
2693	2.7L	164	TACOMA	2005 - 2012	4	2TRFE	F.I.	D.O.H.C.	13011-75110	SDT10193
2693	2.7L	164	TACOMA X-RUNNER	2005 - 2012	4	2TRFE	F.I.	D.O.H.C.	13011-75110	SDT10193
2759	2.8L	168	CRESSIDA	1981 - 1982	6	5ME	F.I.	D.O.H.C.	13011-43031	SXT10072
2759	2.8L	168	SUPRA	1981 ONLY	6	5ME	F.I.	D.O.H.C.	13011-43031	SXT10072
2759	2.8L	168	CRESSIDA	1983 ONLY	6	5MGE	F.I.	D.O.H.C.	13011-42060	SWT10079
2759	2.8L	168	SUPRA	1982 - 1983	6	5MGE	F.I.	D.O.H.C.	13011-42060	SWT10079
2759	2.8L	168	CRESSIDA	1984 - 1988	6	5MGE	F.I.	D.O.H.C.	13011-42060	SWT10079
2759	2.8L	168	SUPRA	1984 - 1987	6	5MGE	F.I.	D.O.H.C.	13011-42060	SWT10079
2954	3.0L	180	SUPRA	1986 - 1993	6	7MGTE	F.I.	D.O.H.C.	13011-42011	SWT10115
2954	3.0L	180	CRESSIDA	1989 - 1992	6	7MGE	F.I.	D.O.H.C.	13011-42060	SWT10079
2954	3.0L	180	SUPRA	1986 - 1992	6	7MGE	F.I.	D.O.H.C.	13011-42060	SWT10079
2958	3.0L	181	4 RUNNER	1988 - 1995	V6	3VZE	F.I.	S.O.H.C.	13011-62060	SWT10144
2958	3.0L	181	4 RUNNER	1988 - 1995	V6	3VZE	F.I.	S.O.H.C.	13011-62060	SWT10144
2958	3.0L	181	PICKUP	1988 - 1995	V6	3VZE	F.I.	S.O.H.C.	13011-62060	SWT10144
2958	3.0L	181	PICKUP	1988 - 1995	V6	3VZE	F.I.	S.O.H.C.	13011-62060	SWT10144
2958	3.0L	181	T100	1992 - 1995	V6	3VZE	F.I.	S.O.H.C.	13011-62060	SWT10144
2958	3.0L	181	T100	1992 - 1995	V6	3VZE	F.I.	S.O.H.C.	13011-62060	SWT10144
2958	3.0L	181	CAMRY	1992 - 1993	V6	3VZFE	F.I.	D.O.H.C.	13011-62060	SWT10144
2959	3.0L	181	SUPRA	1993 - 1998	6	2JZGTE	F.I.	D.O.H.C.	13011-46051	SWT10134
2995	3.0L	183	AVALON	1995 ONLY	V6	1MZFE	F.I.	D.O.H.C.	13011-20022	SWT10177
2995	3.0L	183	AVALON	1995 ONLY	V6	1MZFE	F.I.	D.O.H.C.	13011-20022	SWT10177
2995	3.0L	183	AVALON	1996 - 2004	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	AVALON	1996 - 2004	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	CAMRY	1994 - 1997	V6	1MZFE	F.I.	D.O.H.C.	13011-20022	SWT10177
2995	3.0L	183	CAMRY	1994 - 1997	V6	1MZFE	F.I.	D.O.H.C.	13011-20022	SWT10177
2995	3.0L	183	CAMRY	1998 - 2006	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	CAMRY	1998 - 2006	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	CAMRY SOLARA	1998 - 2003	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	CAMRY SOLARA	1998 - 2003	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	HIGHLANDER	2001 - 2003	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	HIGHLANDER	2001 - 2003	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	SIENNA	1998 - 2003	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2995	3.0L	183	SIENNA	1998 - 2003	V6	1MZFE	F.I.	D.O.H.C.	13011-0A020	SWT10177
2997	3.0L	183	SUPRA	1993 - 1998	6	2JZGE	F.I.	D.O.H.C.	13011-46041	SWT10134

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
TOYOTA									
13101-75041	11-724	331	95.00	1.50	1.50		4.00		16 VALVE
13101-75040	11-724	331	95.00	1.50	1.50		4.00		16 VALVE
13101-75041	11-724	331	95.00	1.50	1.50		4.00		16 VALVE
13101-75130	11-880	362	95.00	1.20	1.20		2.00		VVT-i, 16 VALVE
13101-75130	11-880	362	95.00	1.20	1.20		2.00		VVT-i, 16 VALVE
13101-43011-02	DISC. 11-168		83.00	2.00	2.00		4.00		12 VALVE
13101-43011-02	DISC. 11-168		83.00	2.00	2.00		4.00		12 VALVE
13101-43041-02	DISC. 11-169		83.00	1.50	1.50		4.00		12 VALVE
13101-43041-02	DISC. 11-169		83.00	1.50	1.50		4.00		12 VALVE
13101-43051-02	11-641	319	83.00	1.50	1.50		4.00		12 VALVE
13101-43051-02	11-641	319	83.00	1.50	1.50		4.00		12 VALVE
13101-42050-02	11-639	319	83.00	1.50	1.50		4.00		w/ TURBO, 24 VALVE
13101-42070-01	11-642	319	83.00	1.50	1.50		4.00		24 VALVE
13101-42060	11-642	319	83.00	1.50	1.50		4.00		24 VALVE
13101-65040-01	11-653	321	87.50	1.50	1.50		4.00		RIGHT, 12 VALVE
13301-65040-01	11-653	321	87.50	1.50	1.50		4.00		LEFT, 12 VALVE
13101-65040-01	11-653	321	87.50	1.50	1.50		4.00		RIGHT, 12 VALVE
13301-65040-01	11-653	321	87.50	1.50	1.50		4.00		LEFT, 12 VALVE
13101-65040-01	11-653	321	87.50	1.50	1.50		4.00		RIGHT, 12 VALVE
13301-65040-01	11-653	321	87.50	1.50	1.50		4.00		LEFT, 12 VALVE
13101-62040-01	11-661	323	87.50	1.50	1.50		4.00		24 VALVE
13101-46091	11-778	342	86.00	1.50	1.50		4.00		w/ TURBO, 24 VALVE
13101-20030	11-720	330	87.50	1.20	1.20		3.00		RIGHT, 24 VALVE
13301-20020	11-720	330	87.50	1.20	1.20		3.00		LEFT, 24 VALVE
13101-0A020	11-720	330	87.50	1.20	1.20		3.00		RIGHT, 24 VALVE
13301-0A020	11-720	330	87.50	1.20	1.20		3.00		LEFT, 24 VALVE
13101-20030	11-720	330	87.50	1.20	1.20		3.00		RIGHT, 24 VALVE
13301-20020	11-720	330	87.50	1.20	1.20		3.00		LEFT, 24 VALVE
13101-0A020	11-720	330	87.50	1.20	1.20		3.00		RIGHT, 24 VALVE
13301-0A020	11-720	330	87.50	1.20	1.20		3.00		LEFT, 24 VALVE
13101-0A020	11-720	330	87.50	1.20	1.20		3.00		RIGHT, 24 VALVE
13301-0A020	11-720	330	87.50	1.20	1.20		3.00		LEFT, 24 VALVE
13101-20030	11-720	330	87.50	1.20	1.20		3.00		RIGHT, 24 VALVE
13301-20020	11-720	330	87.50	1.20	1.20		3.00		LEFT, 24 VALVE
13101-20030	11-720	330	87.50	1.20	1.20		3.00		RIGHT, 24 VALVE
13301-20020	11-720	330	87.50	1.20	1.20		3.00		LEFT, 24 VALVE
13101-46031	DISC. 11-770		86.00	1.50	1.50		4.00		24 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
TOYOTA										
2997	3.0L	183	SUPRA	1998 ONLY	6	2JZGE	F.I.	D.O.H.C.	13011-46041	SWT10134
3311	3.3L	202	CAMRY	2003 - 2006	V6	3MZFE	F.I.	D.O.H.C.	13011-0A030	SWT10228
3311	3.3L	202	CAMRY SOLARA	2003 - 2008	V6	3MZFE	F.I.	D.O.H.C.	13011-0A030	SWT10228
3311	3.3L	202	HIGHLANDER	2004 - 2008	V6	3MZFE	F.I.	D.O.H.C.	13011-0A031	SWT10228
3311	3.3L	202	HIGHLANDER H	2006 - 2010	V6	3MZFXE	F.I.	D.O.H.C.	13011-0A031	SWT10228
3311	3.3L	202	SIENNA	2004 - 2006	V6	3MZFE	F.I.	D.O.H.C.	13011-0A040	SWT10228
3378	3.4L	206	4 RUNNER	1996 - 2002	V6	5VZFE	F.I.	D.O.H.C.	13011-62100	SWT10178
3378	3.4L	206	T100	1996 - 1999	V6	5VZFE	F.I.	D.O.H.C.	13011-62100	SWT10178
3378	3.4L	206	TACOMA	1995 - 2004	V6	5VZFE	F.I.	D.O.H.C.	13011-62100	SWT10178
3378	3.4L	206	TUNDRA	1996 - 2005	V6	5VZFE	F.I.	D.O.H.C.	13011-62100	SWT10178
3456	3.5L	211	AVALON	2005 ONLY	V6	2GRFE	F.I.	D.O.H.C.	13011-31140	SDT10194
3456	3.5L	211	AVALON	2006 - 2012	V6	2GRFE	F.I.	D.O.H.C.	13011-0P040	SDT10194
3456	3.5L	211	CAMRY	2007 - 2012	V6	2GRFE	F.I.	D.O.H.C.	13011-0P040	SDT10194
3456	3.5L	211	HIGHLANDER	2009 - 2012	V6	2GRFE	F.I.	D.O.H.C.	13011-31130	SDT10194
3456	3.5L	211	RAV4	2007 - 2012	V6	2GRFE	F.I.	D.O.H.C.	13011-31130	SDT10194
3456	3.5L	211	SIENNA	2007 - 2012	V6	2GRFE	F.I.	D.O.H.C.	13011-31140	SDT10194
3456	3.5L	211	VENZA	2009 - 2012	V6	2GRFE	F.I.	D.O.H.C.	13011-31140	SDT10194
3456	3.5L	211	HIGHLANDER H	2011 - 2012	V6	2GRFE	F.I.	D.O.H.C.	13011-31140	SDT10194
3878	3.9L	237	LAND CRUISER	1971 ONLY	6	F	CARB		13011-60011	SWT10026
3878	3.9L	237	LAND CRUISER	1972 ONLY	6	F	CARB		13011-60040	SWT10044
3878	3.9L	237	LAND CRUISER	1973 - 1975	6	F	CARB		13011-60040	SWT10044
3955	4.0L	241	4 RUNNER	2003 - 2012	V6	1GRFE	F.I.	D.O.H.C.	13011-31100	SWT10195
3955	4.0L	241	FJ CRUISER	2006 - 2012	V6	1GRFE	F.I.	D.O.H.C.	13011-0P020	SWT10195
3955	4.0L	241	TACOMA	2005 - 2012	V6	1GRFE	F.I.	D.O.H.C.	13011-0P020	SWT10195
3955	4.0L	241	TUNDRA	2005 - 2012	V6	1GRFE	F.I.	D.O.H.C.	13011-0P020	SWT10195
3956	4.0L	241	LAND CRUISER	1988 - 1992	6	3FE	F.I.		13011-76013-71	SWT10151
4230	4.2L	258	LAND CRUISER	1974 - 1980	6	2F	CARB		13011-76012-71	SWT10049
4230	4.2L	258	LAND CRUISER	1981 - 1987	6	2F	CARB		13011-76012-71	SWT10049
4477	4.5L	273	LAND CRUISER	1993 - 1995	V6	1FZFE	F.I.	D.O.H.C.	13011-66021	SWT10184
4477	4.5L	273	LAND CRUISER	1996 - 1997	V6	1ZFTE	F.I.	D.O.H.C.	13011-66021	SWT10184
4608	4.6L	281	SEQUOIA	2009 - 2012	V8	1URFE	F.I.	D.O.H.C.	13011-0S011	TBA
4608	4.6L	281	TUNDRA	2010 - 2012	V8	1URFE	F.I.	D.O.H.C.	13011-0S011	TBA

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
TOYOTA									
13101-46081	11-851	355	86.00	1.50	1.50		4.00		24 VALVE
13101-0A040	11-867	359	92.00	1.20	1.20		3.00		SE Model, 24 VALVE
13101-0A040	11-867	359	92.00	1.20	1.20		3.00		SE Model, 24 VALVE
13101-0A040	11-867	359	92.00	1.20	1.20		3.00		VVT-i, 24 VALVE
13101-0A040	11-867	359	92.00	1.20	1.20		3.00		HYBRID, 24 VALVE
13101-0A040	11-867	359	92.00	1.20	1.20		3.00		VVT-i, 24 VALVE
13101-62060-01	11-722	331	93.50	1.50	1.50		4.00		24 VALVE
13101-62060-01	11-722	331	93.50	1.50	1.50		4.00		24 VALVE
13101-62060-01	11-722	331	93.50	1.50	1.50		4.00		24 VALVE
13101-62060-01	11-722	331	93.50	1.50	1.50		4.00		24 VALVE
13101-31090	11-870	360	94.00	1.20	1.20		2.00		24 VALVE
13101-0P053	11-870	360	94.00	1.20	1.20		2.00		24 VALVE
13101-0P053	11-870	360	94.00	1.20	1.20		2.00		24 VALVE
13101-31092-A0	11-870	360	94.00	1.20	1.20		2.00		VVT-i, 24 VALVE
13101-31092-A0	11-870	360	94.00	1.20	1.20		2.00		24 VALVE
13101-31092-A0	11-870	360	94.00	1.20	1.20		2.00		VVT-i, 24 VALVE
13101-31092-A0	11-870	360	94.00	1.20	1.20		2.00		24 VALVE
-	NA		94.00	1.20	1.20		2.00		HYBRID, 24 VALVE
13101-60011	11-171	304	90.00	3.00	3.00		4.00	4.00	
13101-60020	DISC. 11-172		90.00	2.00	2.50		4.00	4.00	
13101-60030	DISC. 11-173		90.00	2.00	2.50		4.00	4.00	
13101-31030	11-871	360	94.00	1.20	1.20		2.00		VVT-i, 24 VALVE
13101-31030	11-871	360	94.00	1.20	1.20		2.00		VVT-i, 24 VALVE
13101-31030	11-871	360	94.00	1.20	1.20		2.00		VVT-i, 24 VALVE
13101-31030	11-871	360	94.00	1.20	1.20		2.00		VVT-i, 24 VALVE
13101-61032-01	11-673	323	94.00	2.00	2.00		4.00		
13101-61020	11-174	304	94.00	2.00	2.50		4.00		
13101-76008-71	11-175	304	94.00	2.00	2.50		4.00		
13101-66040-01	DISC. 11-700		100.00	1.75	2.00		4.00		24 VALVE
13101-66040-01	DISC. 11-700		100.00	1.75	2.00		4.00		24 VALVE
13101-0S020	NA		94.00						32 VALVE
13101-0S020	NA		94.00						32 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
TOYOTA										
4663	4.7L	285	4 RUNNER	2003 - 2005	V8	2UZFE	F.I.	D.O.H.C.	13011-50140	SWT10203
4663	4.7L	285	4 RUNNER	2003 - 2005	V8	2UZFE	F.I.	D.O.H.C.	13011-50140	SWT10203
4663	4.7L	285	LAND CRUISER	1998 - 2003	V8	2UZFE	F.I.	D.O.H.C.	13011-50140	SWT10203
4663	4.7L	285	LAND CRUISER	1998 - 2003	V8	2UZFE	F.I.	D.O.H.C.	13011-50140	SWT10203
4663	4.7L	285	SEQUOIA	2001 - 2004	V8	2UZFE	F.I.	D.O.H.C.	13011-50140	SWT10203
4663	4.7L	285	SEQUOIA	2001 - 2004	V8	2UZFE	F.I.	D.O.H.C.	13011-50140	SWT10203
4663	4.7L	285	TUNDRA	1999 - 2005	V8	2UZFE	F.I.	D.O.H.C.	13011-50140	SWT10203
4663	4.7L	285	TUNDRA	1999 - 2005	V8	2UZFE	F.I.	D.O.H.C.	13011-50140	SWT10203
4663	4.7L	285	4 RUNNER	2006 - 2010	V8	2UZFE	F.I.	D.O.H.C.	13011-50162	SWT10203
4663	4.7L	285	4 RUNNER	2006 - 2010	V8	2UZFE	F.I.	D.O.H.C.	13011-50162	SWT10203
4663	4.7L	285	LAND CRUISER	2004 - 2007	V8	2UZFE	F.I.	D.O.H.C.	13011-50162	SWT10203
4663	4.7L	285	LAND CRUISER	2004 - 2007	V8	2UZFE	F.I.	D.O.H.C.	13011-50162	SWT10203
4663	4.7L	285	SEQUOIA	2005 - 2008	V8	2UZFE	F.I.	D.O.H.C.	13011-0F010	SWT10203
4663	4.7L	285	SEQUOIA	2005 - 2008	V8	2UZFE	F.I.	D.O.H.C.	13011-0F010	SWT10203
4663	4.7L	285	TUNDRA	2006 - 2009	V8	2UZFE	F.I.	D.O.H.C.	13011-50162	SWT10203
4663	4.7L	285	TUNDRA	2006 - 2009	V8	2UZFE	F.I.	D.O.H.C.	13011-50162	SWT10203
5663	5.7L	346	LAND CRUISER	2008 - 2012	V8	3URFE	F.I.	D.O.H.C.	13011-0S011	TBA
5663	5.7L	346	SEQUOIA	2008 - 2012	V8	3URFE	F.I.	D.O.H.C.	13011-0S011	TBA
5663	5.7L	346	TUNDRA	2007 - 2012	V8	3URFE	F.I.	D.O.H.C.	13011-0S011	TBA
TOYOTA - END										

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
VOLKSWAGEN										
1457	1.5L	89	RABBIT	1979 - 1980	4	YG, YH, YK	F.I.	S.O.H.C.	049 198 151 F	SWE50174
1588	1.6L	97	DASHER	1979 - 1980	4	CR	DIESEL	S.O.H.C.	068 198 151 C	SDE50324
1588	1.6L	97	RABBIT	1979 - 1980	4	CR, CS, JK, ME, JP	DIESEL	S.O.H.C.	068 198 151 C	SDE50324
1588	1.6L	97	JETTA	1983 - 1986	4	JK	DIESEL	S.O.H.C.	068 198 151 C	SDE50324
1588	1.6L	97	QUANTUM	1982 - 1985	4	CY	DIESEL	S.O.H.C.	068 198 151 C	SDE50324
1588	1.6L	97	QUANTUM	1983 - 1985	4	MD	DIESEL	S.O.H.C.	068 198 151 C	SDE50324
1588	1.6L	97	RABBIT	1983 ONLY	4	CR, CS, JK, ME, JP	DIESEL	S.O.H.C.	068 198 151 C	SDE50324
1588	1.6L	97	DASHER	1981 ONLY	4	JK	DIESEL	S.O.H.C.	068 198 151 C	SDE50324
1588	1.6L	97	GOLF	1985 - 1987	4	ME	DIESEL	S.O.H.C.	068 198 151 C	SDE50324
1588	1.6L	97	JETTA	1981 - 1986	4	CR	DIESEL	S.O.H.C.	068 198 151 C	SDE50324
1588	1.6L	97	JETTA	1990 - 1992	4	ME	DIESEL	S.O.H.C.	068 198 151 C	SDE50324
1588	1.6L	97	PICKUP	1980 - 1983	4		DIESEL	S.O.H.C.	068 198 151 C	SDE50324
1588	1.6L	97	RABBIT	1981 - 1984	4	CR, CS, JK, ME, JP	DIESEL	S.O.H.C.	068 198 151 C	SDE50324
1588	1.6L	97	VANAGON	1982 - 1983	4	CR, CS, JK, ME, JP	DIESEL	S.O.H.C.	068 198 151 C	SDE50324
1588	1.6L	97	DASHER	1979 - 1980	4	YG, YH, YK	F.I.	S.O.H.C.	049 198 151 F	SWE50174
1588	1.6L	97	JETTA	1980 ONLY	4	YG, YH	F.I.	S.O.H.C.	049 198 151 F	SWE50174
1588	1.6L	97	PICKUP	1980 ONLY	4	YG, YH	F.I.	S.O.H.C.	049 198 151 F	SWE50174
1588	1.6L	97	SCIROCCO	1979 - 1980	4	YG, YH, YK	F.I.	S.O.H.C.	049 198 151 F	SWE50174
1715	1.7L	105	JETTA	1981 - 1984	4	EN, ZV	F.I.	S.O.H.C.	049 198 151 F	SWE50174
1715	1.7L	105	PICKUP	1981 - 1983	4	ZV	F.I.	S.O.H.C.	049 198 151 F	SWE50174
1715	1.7L	105	QUANTUM	1982 - 1985	4	ZV	F.I.	S.O.H.C.	049 198 151 F	SWE50174
1715	1.7L	105	RABBIT	1981 - 1984	4	ZV	F.I.	S.O.H.C.	049 198 151 F	SWE50174
1715	1.7L	105	SCIROCCO	1981 - 1983	4	ZV	F.I.	S.O.H.C.	049 198 151 F	SWE50174
1781	1.8L	109	NEW BEETLE	1999 - 2005	4	AEB	F.I.	D.O.H.C.	058 198 151 B	SWE50744
1781	1.8L	109	PASSAT	1998 - 2005	4	AEB, AWM, ATW	F.I.	D.O.H.C.	058 198 151 B	SWE50744
1781	1.8L	109	GTI	2000 - 2005	4	AEB	F.I.	D.O.H.C.	06B 198 151 B	SWE50744
1781	1.8L	109	JETTA	2000 - 2004	4	AEB, AWP	F.I.	D.O.H.C.	06B 198 151 B	SWE50744
1786	1.8L	109	CABRIOLET	1985 - 1989	4	JH	F.I.	S.O.H.C.	026 198 151 B	SWE50384
1786	1.8L	109	GOLF	1985 - 1987	4	JH	F.I.	S.O.H.C.	026 198 151 B	SWE50384
1786	1.8L	109	JETTA	1984 - 1987	4	JH	F.I.	S.O.H.C.	026 198 151 B	SWE50384
1786	1.8L	109	RABBIT	1983 - 1984	4	JH	F.I.	D.O.H.C.	026 198 151 B	SWE50384
1786	1.8L	109	SCIROCCO	1984 - 1987	4	JH	F.I.	D.O.H.C.	026 198 151 B	SWE50384
1786	1.8L	109	CABRIOLET	1990 - 1993	4	2H	F.I.	S.O.H.C.	026 198 151 A	SWE50374
1786	1.8L	109	GTI	1985 - 1992	4	HT	F.I.	S.O.H.C.	026 198 151 A	SWE50374
1786	1.8L	109	GOLF	1988 - 1992	4		F.I.	S.O.H.C.	026 198 151 A	SWE50374
1786	1.8L	109	JETTA	1985 - 1992	4	RD	F.I.	S.O.H.C.	026 198 151 A	SWE50374

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
VOLKSWAGEN									
049 107 065 K	X		79.50	1.75	2.00		4.00		
068 107 065 A 003	X		76.50	1.75	2.00		3.00		8 VALVE
068 107 065 A 003	X		76.50	1.75	2.00		3.00		8 VALVE
068 107 065 AQ 001	X		76.50	1.75	2.00		3.00		w/ TURBO, 8 VALVE
068 107 065 AQ 001	X		76.50	1.75	2.00		3.00		w/ TURBO, 8 VALVE
068 107 065 AQ 001	X		76.50	1.75	2.00		3.00		w/ TURBO, 8 VALVE
068 107 065 AQ 001	X		76.50	1.75	2.00		3.00		w/ TURBO, 8 VALVE
068 107 065 BA 001	X		76.50	1.75	2.00		3.00		8 VALVE
068 107 065 BA 001	X		76.50	1.75	2.00		3.00		8 VALVE
068 107 065 BA 001	X		76.50	1.75	2.00		3.00		8 VALVE
068 107 065 BA 001	X		76.50	1.75	2.00		3.00		8 VALVE
068 107 065 BA 001	X		76.50	1.75	2.00		3.00		8 VALVE
068 107 065 BA 001	X		76.50	1.75	2.00		3.00		8 VALVE
068 107 065 BA 001	X		76.50	1.75	2.00		3.00		8 VALVE
049 107 065 AF	X		79.50	1.75	2.00		4.00		8 VALVE
049 107 065 AF	X		79.50	1.75	2.00		4.00		8 VALVE
049 107 065 AF	X		79.50	1.75	2.00		4.00		8 VALVE
049 107 065 AF	X		79.50	1.75	2.00		4.00		8 VALVE
049 107 065 AD	X		79.50	1.75	2.00		4.00		8 VALVE
049 107 065 AD	X		79.50	1.75	2.00		4.00		8 VALVE
049 107 065 AD	X		79.50	1.75	2.00		4.00		8 VALVE
049 107 065 AD	X		79.50	1.75	2.00		4.00		8 VALVE
049 107 065 AD	X		79.50	1.75	2.00		4.00		8 VALVE
058 107 065 F	11-872	360	81.00	1.50	1.75		2.00		20 VALVE
058 107 065 F	11-872	360	81.00	1.50	1.75		2.00		20 VALVE
06B 107 065 N	11-872	360	81.00	1.50	1.75		2.00		20 VALVE
06B 107 065 N	11-872	360	81.00	1.50	1.75		2.00		20 VALVE
026 107 065 Q	X		81.00	1.50	1.75		3.00		8 VALVE
026 107 065 Q	X		81.00	1.50	1.75		3.00		8 VALVE
026 107 065 Q	X		81.00	1.50	1.75		3.00		GL MODELS, 8 VALVE
026 107 065 Q	X		81.00	1.50	1.75		3.00		8 VALVE
026 107 065 Q	X		81.00	1.50	1.75		3.00		8 VALVE
026 107 065 R	X		81.00	1.50	1.75		3.00		8 VALVE
026 107 065 R	X		81.00	1.50	1.75		3.00		8 VALVE
026 107 065 R	X		81.00	1.50	1.75		3.00		8 VALVE
026 107 065 R	X		81.00	1.50	1.75		3.00		GLI MODELS, 8 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
VOLKSWAGEN										
1786	1.8L	109	CORRADO	1990 - 1992	4	PG	F.I.	D.O.H.C.	026 198 151 A	SWE50374
1786	1.8L	109	GTI	1987 - 1989	4	PL	F.I.	D.O.H.C.	026 198 151 A	SWE50374
1786	1.8L	109	JETTA	1988 - 1989	4	PL	F.I.	D.O.H.C.	026 198 151 A	SWE50374
1786	1.8L	109	SCIROCCO	1986 - 1988	4	PL	F.I.	D.O.H.C.	026 198 151 A	SWE50374
1896	1.9L	116	JETTA	1996 - 1997	4	1Z	DIESEL	S.O.H.C.	044 198 151	DISC. SDE50454
1896	1.9L	116	JETTA	1996 - 1997	4	1Z	DIESEL	S.O.H.C.	044 198 151	DISC. SDE50454
1896	1.9L	116	JETTA	1998 - 2006	4	BRM	DIESEL	S.O.H.C.	038 198 151	DISC. SDE50454
1896	1.9L	116	JETTA	1998 - 2006	4	BRM	DIESEL	S.O.H.C.	038 198 151	DISC. SDE50454
1896	1.9L	116	PASSAT	1996 - 1997	4	1Z	DIESEL	S.O.H.C.	044 198 151 C	DISC. SDE50454
1896	1.9L	116	PASSAT	1996 - 1997	4	1Z	DIESEL	S.O.H.C.	044 198 151 C	DISC. SDE50454
1896	1.9L	116	NEW BEETLE	1998 - 2006	4	BEW	DIESEL	S.O.H.C.	038 198 151	DISC. SDE50454
1896	1.9L	116	NEW BEETLE	1998 - 2006	4	BEW	DIESEL	S.O.H.C.	038 198 151	DISC. SDE50454
1915	1.9L	117	VANAGON	1980 - 1984	4	DH	F.I.		029 198 175	SWE50294
1968	2.0L	120	PASSAT	2004 - 2005	4	BHW	DIESEL	S.O.H.C.	03G 198 151 A	NA
1968	2.0L	120	PASSAT	2004 - 2005	4	BHW	DIESEL	S.O.H.C.	03G 198 151 A	NA
1968	2.0L	120	JETTA	2009 - 2010	4	2.0 TDI CR	DIESEL	D.O.H.C.	-	DISC. SDE50804
1968	2.0L	120	JETTA	2009 - 2010	4	2.0 TDI CR	DIESEL	D.O.H.C.	-	DISC. SDE50804
1968	2.0L	120	GOLF	2009 - 2012	5	CBAA, CBAB	DIESEL	D.O.H.C.	-	NA
1971	2.0L	120	VANAGON	1980 - 1983	4	DH	F.I.		025 198 151	SWE50294
1971	2.0L	120	VANAGON	1985 ONLY	4	DH	F.I.		025 198 151	SWE50294
1981	2.0L	121	JETTA	2011 - 2012	4		F.I.	S.O.H.C.	-	NA
1984	2.0L	121	CABRIO	1995 ONLY	4	9A	F.I.	S.O.H.C.	053 198 151	SWE50424
1984	2.0L	121	GTI	1993 ONLY	4	9A	F.I.	S.O.H.C.	053 198 151	SWE50424
1984	2.0L	121	GTI	1991 - 1992	4	9A	F.I.	S.O.H.C.	053 198 151	SWE50424
1984	2.0L	121	JETTA	1990 - 1992	4	9A	F.I.	S.O.H.C.	053 198 151	SWE50424
1984	2.0L	121	PASSAT	1990 - 1992	4	9A	F.I.	S.O.H.C.	053 198 151	SWE50424
1984	2.0L	121	GOLF III	1993 - 1995	4	9A	F.I.	S.O.H.C.	053 198 151	SWE50424

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
VOLKSWAGEN									
027 107 065	X		81.00	1.50	1.75		3.00		16 VALVE
027 107 065	X		81.00	1.50	1.75		3.00		16 VALVE
027 107 065	X		81.00	1.50	1.75		3.00		16 VALVE
027 107 065	X		81.00	1.50	1.75		3.00		16 VALVE
038 107 065 D 001	X		79.50	1.75	2.00		3.00		CYL #1,2, 8 VALVE
038 107 065 E 001	X		79.50	1.75	2.00		3.00		CYL #3,4, 8 VALVE
038 107 065 D 001	X		79.50	1.75	2.00		3.00		CYL #1,2, 8 VALVE
038 107 065 E 001	X		79.50	1.75	2.00		3.00		CYL #3,4, 8 VALVE
038 107 065 D 001	X		79.50	1.75	2.00		3.00		CYL #1,2, 8 VALVE
038 107 065 E 001	X		79.50	1.75	2.00		3.00		CYL #3,4, 8 VALVE
071 107 065 C	X		79.50	1.75	2.00		3.00		CYL #1,2, 8 VALVE
071 107 065 C	X		79.50	1.75	2.00		3.00		CYL #3,4, 8 VALVE
022 107 111 M 001	X		94.00	1.75	2.00		4.00		AIR COOLED
038 107 065 HE 001	X		81.00						CYL #1,2, 8 VALVE
038 107 065 HF 001	X		81.00						CYL #3,4, 8 VALVE
-	X		81.00	1.75	2.00		3.00		CYL #1,2, w/ TURBO, 8 VALVE
-	X		81.00	1.75	2.00		3.00		CYL #3,4, w/ TURBO, 8 VALVE
-	X		81.00						w/ TURBO, 16VALVE
025 107 111 D 001	X		94.00	1.75	2.00		4.00		WATER COOLED
025 107 111 AF 001	X		94.00	1.75	2.00		4.00		
-	X		82.50						8 VALVE
037 107 065 J	X		82.50	1.50	1.75		3.00		8 VALVE
037 107 065 J	X		82.50	1.50	1.75		3.00		8 VALVE
053 107 065 F	X		82.50	1.50	1.75		3.00		8 VALVE
053 107 065 F	X		82.50	1.50	1.75		3.00		8 VALVE
053 107 065 F	X		82.50	1.50	1.75		3.00		8 VALVE
023 107 065 A	X		82.50	1.50	1.75		3.00		8 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
VOLKSWAGEN										
1984	2.0L	121	CABRIO	1996 - 2002	4	9A	F.I.	S.O.H.C.	053 198 151 C	SWE50524
1984	2.0L	121	GTI	1996 - 1997	4	ABA	F.I.	S.O.H.C.	053 198 151 C	SWE50524
1984	2.0L	121	GOLF	1996 - 1997	4	9A	F.I.	S.O.H.C.	053 198 151 C	SWE50524
1984	2.0L	121	GOLF	1998 - 2006	4	9A	F.I.	S.O.H.C.	053 198 151 C	SWE50524
1984	2.0L	121	JETTA	1996 - 1997	4	AGG, ADY	F.I.	S.O.H.C.	053 198 151 C	SWE50524
1984	2.0L	121	JETTA	1998 - 2004	4	AVH, AZG, BEV	F.I.	S.O.H.C.	053 198 151 C	SWE50524
1984	2.0L	121	JETTA III	1993 - 1995	4	9A	F.I.	S.O.H.C.	053 198 151 C	SWE50524
1984	2.0L	121	JETTA SPORTWAGON	1998 - 2004	4	AVH, AZG, BEV	F.I.	S.O.H.C.	053 198 151 C	SWE50524
1984	2.0L	121	PASSAT	1990 - 1992	4	9A	F.I.	S.O.H.C.	053 198 151 C	SWE50524
1984	2.0L	121	PASSAT	1993 ONLY	4	9A	F.I.	S.O.H.C.	053 198 151 C	SWE50524
1984	2.0L	121	PASSAT	1996 ONLY	4	9A	F.I.	S.O.H.C.	053 198 151 C	SWE50524
1984	2.0L	121	GTI	1998 - 2000	4	9A	F.I.	S.O.H.C.	06A 198 151 C	SWE50524
1984	2.0L	121	NEW BEETLE	1998 - 2005	4	AVH, AZG, BEV	F.I.	S.O.H.C.	06A 198 151 C	SWE50524
1984	2.0L	121	EOS	2007 - 2012	4	BPY	F.I.	D.O.H.C.	06F 198 151 A	SWE50524
1984	2.0L	121	JETTA	2006 - 2009	4	BPY	F.I.	D.O.H.C.	06F 198 151 A	SWE50524
1984	2.0L	121	CC	2009 - 2012	4	BPY	F.I.	D.O.H.C.	06F 198 151 A	SWE50524
1984	2.0L	121	GLI	2008 - 2012	5	BPY	F.I.	D.O.H.C.	06F 198 151 A	SWE50524
1984	2.0L	121	GTI	2006 - 2012	5	BPY	F.I.	D.O.H.C.	06F 198 151 A	SWE50524
1984	2.0L	121	PASSAT	2006 - 2012	4	BPY	F.I.	D.O.H.C.	06F 198 151 A	SWE50524
1984	2.0L	121	TIGUAN	2009 - 2012	4	BPY	F.I.	D.O.H.C.	06F 198 151 A	SWE50524
2109	2.1L	129	VANAGON	1986 - 1992	4	MV	F.I.		025 198 151 A	SWE50464
2144	2.1L	131	QUANTUM	1983 - 1984	5	WD, WE	F.I.	S.O.H.C.	049 198 151 F	SWE50225
2226	2.2L	136	QUANTUM	1985 - 1988	5		F.I.	D.O.H.C.	026 198 151 B	SWE50385
2461	2.5L	150	EUROVAN	1993 ONLY	5	AAF, ACU	F.I.	S.O.H.C.	044 198 151	DISC. SWE50495
2480	2.5L	151	GOLF	2010 - 2012	5	BGQ	F.I.	D.O.H.C.	06F 198 151 A	DISC. SWE50525
2480	2.5L	151	JETTA	2005 - 2012	5	BGP, BPQ	F.I.	D.O.H.C.	06F 198 151 A	DISC. SWE50525
2480	2.5L	151	JETTA SPORTWAGON	2009 - 2012	5	BGP, BPQ	F.I.	D.O.H.C.	06F 198 151 A	DISC. SWE50525
2480	2.5L	151	NEW BEETLE	2006 - 2012	5	BPR, BPS	F.I.	D.O.H.C.	06F 198 151 A	DISC. SWE50525
2480	2.5L	151	RABBIT	2006 - 2009	5	BGP, BGQ	F.I.	D.O.H.C.	06D 198 151 C	DISC. SWE50525
2771	2.8L	169	PASSAT	1998 - 2005	V6	ALG	F.I.	D.O.H.C.	06A 198 151 C	SWE50526
2792	2.8L	170	CORRADO	1992 - 1994	V6	AAA	F.I.	D.O.H.C.	021 198 151	SWE50386
2792	2.8L	170	EUROVAN	1996 - 2000	V6	AES	F.I.	D.O.H.C.	021 198 151	SWE50386
2792	2.8L	170	GTI	1995 - 2005	V6	AAA	F.I.	D.O.H.C.	021 198 151	SWE50386
2792	2.8L	170	JETTA	1996 - 2004	V6	AAA, VR6	F.I.	D.O.H.C.	021 198 151	SWE50386
2792	2.8L	170	JETTA III	1994 - 1995	V6	AAA	F.I.	D.O.H.C.	021 198 151	SWE50386
2792	2.8L	170	PASSAT	1993 - 1997	V6	AAA	F.I.	D.O.H.C.	021 198 151	SWE50386

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
VOLKSWAGEN									
037 107 065 M	11-9000	363	82.50	1.20	1.50		2.00		8 VALVE
037 107 065 M	11-9000	363	82.50	1.20	1.50		2.00		8 VALVE
037 107 065 M	11-9000	363	82.50	1.20	1.50		2.00		8 VALVE
037 107 065 N	11-9000	363	82.50	1.20	1.50		2.00		8 VALVE
037 107 065 M	11-9000	363	82.50	1.20	1.50		2.00		8 VALVE
037 107 065 N	11-9000	363	82.50	1.20	1.50		2.00		8 VALVE
037 107 065 M**	11-9000	363	82.50	1.20	1.50		2.00		8 VALVE
037 107 065 N	11-9000	363	82.50	1.20	1.50		2.00		8 VALVE
037 107 065 M	11-9000	363	82.50	1.20	1.50		2.00		8 VALVE
053 107 065 H	11-9000	363	82.50	1.20	1.50		2.00		8 VALVE
037 107 065 N	11-9000	363	82.50	1.20	1.50		2.00		8 VALVE
06A 107 065 F	X		82.50	1.20	1.50		2.00		8 VALVE
06A 107 065 F	X		82.50	1.20	1.50		2.00		8 VALVE
06D 107 066 C	X		82.50	1.20	1.50		2.00		16 VALVE
07K 107 065 B	X		82.50	1.20	1.50		2.00		16 VALVE
26D 107 066 C	X		82.50	1.20	1.50		2.00		w/ TURBO, 16 VALVE
26D 107 066 C	X		82.50	1.20	1.50		2.00		w/ TURBO, 16 VALVE
26D 107 066 C	X		82.50	1.20	1.50		2.00		w/ TURBO, 16 VALVE
26D 107 066 C	X		82.50	1.20	1.50		2.00		w/ TURBO, 16 VALVE
26D 107 066 C	X		82.50	1.20	1.50		2.00		w/ TURBO, 16 VALVE
025 107 111 AF 001	X		94.00	1.75	2.00		3.50		
035 107 065 A	X		79.50	1.75	2.00		4.00		
034 107 065 D	X		81.00	1.50	1.75		3.00		
023 107 065 A	X		81.00	1.75	2.00		3.00		w/ VTECH, 10 VALVE
07K 107 065 B	X		82.50	1.20	1.50		2.00		20 VALVE
07K 107 065 B	X		82.50	1.20	1.50		2.00		20 VALVE
07K 107 065 B	X		82.50	1.20	1.50		2.00		20 VALVE
07K 107 065 B	X		82.55	1.20	1.50		2.00		20 VALVE
07K 107 065 B	X		82.55	1.20	1.50		2.00		20 VALVE
078 107 065 AF	X		82.50	1.20	1.50		2.00		w/ VTECH, 24 VALVE
071 107 065 C	X		81.00	1.50	1.75		3.00		w/ VTECH, 12 VALVE
071 107 065 C	X		81.00	1.50	1.75		3.00		w/ VTECH, 12 VALVE
071 107 065 C	X		81.00	1.50	1.75		3.00		w/ VTECH, 12 VALVE
071 107 065 C	X		81.00	1.50	1.75		3.00		w/ VTECH, 12 VALVE
071 107 065 C	X		81.00	1.50	1.75		3.00		w/ VTECH, 12 VALVE
071 107 065 C	X		81.00	1.50	1.75		3.00		w/ VTECH, 12 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
VOLKSWAGEN										
2792	2.8L	170	EUROVAN	2001 - 2003	V6	AMV, AXK	F.I.	D.O.H.C.	021 198 151	SWE50386
2967	3.0L	181	TOUAREG II	2009 - 2012	V6	3L V6 TDI	DIESEL	D.O.H.C.	-	DISC. SDE50906
2995	3.0L	183	TOUAREG II HYBRID	2009 - 2012	V6		F.I.	D.O.H.C.	-	NA
3189	3.2L	195	EOS	2007 - 2008	V6	BUB	F.I.	D.O.H.C.	022 198 151 B	SWE50946
3189	3.2L	195	R32	2004 ONLY	V6	BDB	F.I.	D.O.H.C.	022 198 151 B	SWE50946
3189	3.2L	195	R32	2008 ONLY	V6	BDB	F.I.	D.O.H.C.	022 198 151 B	SWE50946
3189	3.2L	195	TOUAREG	2004 - 2006	V6	BDL, BFH	F.I.	D.O.H.C.	022 198 151 B	SWE50946
3189	3.2L	195	TOUAREG II	2004 - 2006	V6	BDL, BFH	F.I.	D.O.H.C.	022 198 151 B	SWE50946
3598	3.6L	220	CC	2009 - 2012	V6	3.6 VR6 FSI	F.I.	D.O.H.C.	03H 198 151 B	NA
3598	3.6L	220	CC	2009 - 2012	V6	3.6 VR6 FSI	F.I.	D.O.H.C.	03H 198 151 B	NA
3598	3.6L	220	PASSAT	2006 - 2008	V6	BHK	F.I.	D.O.H.C.	03H 198 151 B	NA
3598	3.6L	220	PASSAT	2006 - 2008	V6	BHK	F.I.	D.O.H.C.	03H 198 151 B	NA
3598	3.6L	220	TOUAREG	2007 - 2008	V6	BHK	F.I.	D.O.H.C.	03H 198 151 B	NA
3598	3.6L	220	TOUAREG	2007 - 2008	V6	BHK	F.I.	D.O.H.C.	03H 198 151 B	NA
3598	3.6L	220	TOUAREG II	2007 - 2012	V6	BHK	F.I.	D.O.H.C.	03H 198 151 B	NA
3598	3.6L	220	TOUAREG II	2007 - 2012	V6	BHK	F.I.	D.O.H.C.	03H 198 151 B	NA
3778	3.8L	231	ROUTAN	2009 - 2012	V6	EGH 3.8	F.I.	O.H.V.	68001386AA	SWC10015
3952	4.0L	241	ROUTAN	2011 - 2012	V6	PENTASTAR 3.6	F.I.	D.O.H.C.	-	NA
3952	4.0L	241	ROUTAN	2009 - 2012	V6	EGQ & EGS 4.0	F.I.	S.O.H.C.	4897035AB	SWC10013
3999	4.0L	244	PASSAT	2002 - 2004	W8	BDN	F.I.	D.O.H.C.	-	NA
3999	4.0L	244	PASSAT	2002 - 2004	W8	BDN	F.I.	D.O.H.C.	-	NA
4172	4.2L	255	PHAETON	2004 - 2006	V8	BGH, BGJ	F.I.	D.O.H.C.	06E 198 151 B	SWE50958
4172	4.2L	255	PHAETON	2004 - 2006	V8	BGH, BGJ	F.I.	D.O.H.C.	06E 198 151 B	SWE50958
4172	4.2L	255	TOUAREG	2004 - 2007	V8	BHX	F.I.	D.O.H.C.	06E 198 151 B	SWE50958
4172	4.2L	255	TOUAREG	2004 - 2007	V8	BHX	F.I.	D.O.H.C.	06E 198 151 B	SWE50958
4172	4.2L	255	TOUAREG II	2004 - 2009	V8	BHX	F.I.	D.O.H.C.	06E 198 151 B	SWE50958
4172	4.2L	255	TOUAREG II	2004 - 2009	V8	BHX	F.I.	D.O.H.C.	06E 198 151 B	SWE50958
4921	4.9L	300	TOUAREG	2004 - 2007	V10	BKW	DIESEL	S.O.H.C.	07Z 198 151	NA
4921	4.9L	300	TOUAREG II	2004 - 2007	V10	BKW	DIESEL	S.O.H.C.	07Z 198 151	NA
5998	6.0L	366	PHAETON	2004 - 2006	W12		F.I.	D.O.H.C.	-	X
VOLKSWAGEN - END										

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
VOLKSWAGEN									
022 107 065 G	X		81.00	1.50	1.75		3.00		24 VALVE
-	X		83.00	1.75	2.00		3.00		24 VALVE
-	X		83.00						24 VALVE
022 107 065 AA	X		84.00	1.20	1.50		2.00		24 VALVE
022 107 065 AA	X		84.00	1.20	1.50		2.00		24 VALVE
022 107 065 AA	X		84.00	1.20	1.50		2.00		24 VALVE
022 107 065 AA	X		84.00	1.20	1.50		2.00		24 VALVE
022 107 065 AA	X		84.00	1.20	1.50		2.00		24 VALVE
03H 107 065 N	X		89.00						CYL #1,3,5, 24 VALVE
03H 107 066 N	X		89.00						CYL #2,4,6, 24 VALVE
03H 107 065 N	X		89.00						CYL #1,3,5, 24 VALVE
03H 107 066 N	X		89.00						CYL #2,4,6, 24 VALVE
03H 107 065 N	X		89.00						CYL #1,3,5, 24 VALVE
03H 107 066 N	X		89.00						CYL #2,4,6, 24 VALVE
03H 107 065 N	X		89.00						CYL #1,3,5, 24 VALVE
03H 107 066 N	X		89.00						CYL #2,4,6, 24 VALVE
4666129AA	11-864*	358	96.00	1.20	1.50		3.00		Chrysler Engine, 12 VALVE
-	X		96.00						Chrysler Engine, 24 VALVE
4593589AA	X		96.00	1.20	1.50		3.00		Chrysler Engine, 24 VALVE
-	X		84.00						32 VALVE
-	X		84.00						32 VALVE
079 107 066 AN	X		84.50	1.20	1.50		3.00		CYL #1, 2, 3, 4, 40 VAVLE
079 107 065 AN	X		84.50	1.20	1.50		3.00		CYL #5, 6, 7, 8, 40 VAVLE
079 107 066 AN	X		84.50	1.20	1.50		3.00		CYL #1, 2, 3, 4, 40 VAVLE
079 107 065 AN	X		84.50	1.20	1.50		3.00		CYL #5, 6, 7, 8, 40 VAVLE
079 107 066 AN	X		84.50	1.20	1.50		3.00		CYL #1, 2, 3, 4, 40 VAVLE
079 107 065 AN	X		84.50	1.20	1.50		3.00		CYL #5, 6, 7, 8, 40 VAVLE
-	X		81.00						w/ TURBO, 20 VALVE
-	X		81.00						w/ TURBO, 20 VALVE
-	X		84.07						48 VALVE
VOLKSWAGEN - END									

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
VOLVO										
1948	1.9L	119	S40	2001 - 2004	4	B4204T3	F.I.	D.O.H.C.	30731512-7	DISC. SWE51524
1948	1.9L	119	V40	2000 - 2004	4	B4204T3	F.I.	D.O.H.C.	30731512-7	DISC. SWE51524
2127	2.1L	130	262	1979 ONLY	6	B21E	F.I.	S.O.H.C.	275319-2	SWE51174
2127	2.1L	130	264	1979 ONLY	6	B21E	F.I.	S.O.H.C.	275319-2	SWE51174
2127	2.1L	130	265	1979 ONLY	6	B21E	F.I.	S.O.H.C.	275319-2	SWE51174
2127	2.1L	130	242	1979 - 1982	4	B21F	F.I.	S.O.H.C.	275337-4	SWE51174
2127	2.1L	130	244	1979 - 1982	4	B21F	F.I.	S.O.H.C.	275337-4	SWE51174
2127	2.1L	130	245	1979 - 1982	4	B21F	F.I.	S.O.H.C.	275337-4	SWE51174
2127	2.1L	130	262	1981 ONLY	4	B21F	F.I.	S.O.H.C.	275337-4	SWE51174
2127	2.1L	130	264	1981 - 1982	4	B21F	F.I.	S.O.H.C.	275337-4	SWE51174
2127	2.1L	130	265	1981 - 1982	4	B21F	F.I.	S.O.H.C.	275337-4	SWE51174
2127	2.1L	130	242	1980 - 1982	4	B21FA	F.I.	S.O.H.C.	275340-8	SWE51174
2127	2.1L	130	244	1980 - 1982	4	B21FA	F.I.	S.O.H.C.	275340-8	SWE51174
2127	2.1L	130	245	1980 - 1982	4	B21FA	F.I.	S.O.H.C.	275340-8	SWE51174
2127	2.1L	130	262	1981 ONLY	4	B21FA	F.I.	S.O.H.C.	275340-8	SWE51174
2127	2.1L	130	264	1981 - 1982	4	B21FA	F.I.	S.O.H.C.	275340-8	SWE51174
2127	2.1L	130	265	1981 - 1982	4	B21FA	F.I.	S.O.H.C.	275340-8	SWE51174
2127	2.1L	130	242	1981 - 1984	4	B21FT	F.I.	S.O.H.C.	275347-3	SWE51174
2127	2.1L	130	244	1981 - 1984	4	B21FT	F.I.	S.O.H.C.	275347-3	SWE51174
2127	2.1L	130	245	1981 - 1984	4	B21FT	F.I.	S.O.H.C.	275347-3	SWE51174
2127	2.1L	130	242	1981 - 1984	4	B21FT	F.I.	S.O.H.C.	275347-3	SWE51174
2127	2.1L	130	244	1981 - 1984	4	B21FT	F.I.	S.O.H.C.	275347-3	SWE51174
2127	2.1L	130	245	1981 - 1984	4	B21FT	F.I.	S.O.H.C.	275347-3	SWE51174
2316	2.3L	141	242	1984 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275331-7*	SWE51274
2316	2.3L	141	244	1984 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275331-7*	SWE51274
2316	2.3L	141	245	1984 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275331-7*	SWE51274
2316	2.3L	141	760	1984 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275331-7*	SWE51274
2316	2.3L	141	242	1984 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275331-7*	SWE51274
2316	2.3L	141	244	1984 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275331-7*	SWE51274
2316	2.3L	141	245	1984 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275331-7*	SWE51274
2316	2.3L	141	760	1984 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275331-7*	SWE51274
2316	2.3L	141	242	1984 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275331-7*	SWE51274
2316	2.3L	141	244	1984 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275331-7*	SWE51274
2316	2.3L	141	245	1984 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275331-7*	SWE51274
2316	2.3L	141	760	1984 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275331-7*	SWE51274

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
VOLVO									
274399-5	X		83.00	1.20	1.50		2.50		w/ TURBO, 16 VALVE
274399-5	X		83.00	1.20	1.50		2.50		w/ TURBO, 16 VALVE
275050-3*	X		92.00	1.75	2.00		4.00		8 VALVE
275050-3*	X		92.00	1.75	2.00		4.00		8 VALVE
275050-3*	X		92.00	1.75	2.00		4.00		8 VALVE
272040-7	X		92.00	1.75	2.00		4.00		Normally Aspirated, #D, 8 VALVE
272040-7	X		92.00	1.75	2.00		4.00		Normally Aspirated, #D, 8 VALVE
272040-7	X		92.00	1.75	2.00		4.00		Normally Aspirated, #D, 8 VALVE
272040-7	X		92.00	1.75	2.00		4.00		Normally Aspirated, #D, 8 VALVE
272040-7	X		92.00	1.75	2.00		4.00		Normally Aspirated, #D, 8 VALVE
272040-7	X		92.00	1.75	2.00		4.00		Normally Aspirated, #D, 8 VALVE
272041-5	X		92.00	1.75	2.00		4.00		Normally Aspirated, #G, 8 VALVE
272041-5	X		92.00	1.75	2.00		4.00		Normally Aspirated, #G, 8 VALVE
272041-5	X		92.00	1.75	2.00		4.00		Normally Aspirated, #G, 8 VALVE
272041-5	X		92.00	1.75	2.00		4.00		Normally Aspirated, #G, 8 VALVE
272041-5	X		92.00	1.75	2.00		4.00		Normally Aspirated, #G, 8 VALVE
272041-5	X		92.00	1.75	2.00		4.00		Normally Aspirated, #G, 8 VALVE
272064-7	X		92.00	1.75	2.00		4.00		w/ TURBO, #D, 8 VALVE
272064-7	X		92.00	1.75	2.00		4.00		w/ TURBO, #D, 8 VALVE
272064-7	X		92.00	1.75	2.00		4.00		w/ TURBO, #D, 8 VALVE
272065-4	X		92.00	1.75	2.00		4.00		w/ TURBO, #G, 8 VALVE
272065-4	X		92.00	1.75	2.00		4.00		w/ TURBO, #G, 8 VALVE
272065-4	X		92.00	1.75	2.00		4.00		w/ TURBO, #G, 8 VALVE
272068-8	X		96.00	1.75	1.75		3.50		AUTO TRANS, #D, 8 VALVE
272068-8	X		96.00	1.75	1.75		3.50		AUTO TRANS, #D, 8 VALVE
272068-8	X		96.00	1.75	1.75		3.50		AUTO TRANS, #D, 8 VALVE
272068-8	X		96.00	1.75	1.75		3.50		AUTO TRANS, #D, 8 VALVE
272069-6	X		96.00	1.75	1.75		3.50		AUTO TRANS, #G, 8 VALVE
272069-6	X		96.00	1.75	1.75		3.50		AUTO TRANS, #G, 8 VALVE
272069-6	X		96.00	1.75	1.75		3.50		AUTO TRANS, #G, 8 VALVE
272069-6	X		96.00	1.75	1.75		3.50		AUTO TRANS, #G, 8 VALVE
272098-5	X		96.00	1.75	1.75		3.50		STD TRANS, #D, 8 VALVE
272098-5	X		96.00	1.75	1.75		3.50		STD TRANS, #D, 8 VALVE
272098-5	X		96.00	1.75	1.75		3.50		STD TRANS, #D, 8 VALVE
272098-5	X		96.00	1.75	1.75		3.50		STD TRANS, #D, 8 VALVE
272099-3	X		96.00	1.75	1.75		3.50		STD TRANS, #G, 8 VALVE
272099-3	X		96.00	1.75	1.75		3.50		STD TRANS, #G, 8 VALVE
272099-3	X		96.00	1.75	1.75		3.50		STD TRANS, #G, 8 VALVE
272099-3	X		96.00	1.75	1.75		3.50		STD TRANS, #G, 8 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
VOLVO										
2316	2.3L	141	244	1985 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275358-0	SWE51274
2316	2.3L	141	245	1985 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275358-0	SWE51274
2316	2.3L	141	760	1984 - 1985	4	CD B-23FT	F.I.	S.O.H.C.	275358-0	SWE51274
2316	2.3L	141	244	1985 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275358-0	SWE51274
2316	2.3L	141	245	1985 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275358-0	SWE51274
2316	2.3L	141	760	1984 - 1985	4	CD B-23FT	F.I.	S.O.H.C.	275358-0	SWE51274
2316	2.3L	141	740	1986 - 1992	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	740	1986 - 1992	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	760	1985 - 1990	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	780	1989 - 1991	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	850	1994 - 1997	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	940	1991 - 1995	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	COUPE	1991 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	240	1988 - 1993	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	244	1985 ONLY	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	740	1985 - 1992	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	760	1985 - 1990	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	780	1988 - 1990	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	850	1993 - 1997	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	940	1991 - 1995	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	960	1992 - 1997	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	240	1988 - 1993	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	244	1985 ONLY	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	740	1985 - 1992	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	760	1985 - 1990	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	780	1988 - 1990	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	850	1993 - 1997	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	940	1991 - 1995	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	960	1992 - 1997	4	CD B-23F	F.I.	S.O.H.C.	275369-7	SWE51274
2316	2.3L	141	740	1988 - 1992	4	CD B-234F	F.I.	D.O.H.C.	275369-7	SWE51274
2316	2.3L	141	760	1988 - 1990	4	CD B-234F	F.I.	D.O.H.C.	275369-7	SWE51274
2316	2.3L	141	780	1991 ONLY	4	CD B-234F	F.I.	D.O.H.C.	275369-7	SWE51274
2316	2.3L	141	940	1991 ONLY	4	CD B-234F	F.I.	D.O.H.C.	275369-7	SWE51274
2316	2.3L	141	COUPE	1991 ONLY	4	CD B-234F	F.I.	D.O.H.C.	275369-7	SWE51274
2316	2.3L	141	740	1988 - 1992	4	CD B-234F	F.I.	D.O.H.C.	275369-7	SWE51274
2316	2.3L	141	760	1988 - 1990	4	CD B-234F	F.I.	D.O.H.C.	275369-7	SWE51274
2316	2.3L	141	780	1991 ONLY	4	CD B-234F	F.I.	D.O.H.C.	275369-7	SWE51274
2316	2.3L	141	940	1991 ONLY	4	CD B-234F	F.I.	D.O.H.C.	275369-7	SWE51274
2316	2.3L	141	COUPE	1991 ONLY	4	CD B-234F	F.I.	D.O.H.C.	275369-7	SWE51274

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
VOLVO									
272102-5	X		96.00	1.75	1.75		3.50		w/ TURBO, #D, 8 VALVE
272102-5	X		96.00	1.75	1.75		3.50		w/ TURBO, #D, 8 VALVE
272102-5	X		96.00	1.75	1.75		3.50		w/ TURBO, #D, 8 VALVE
272103-3	X		96.00	1.75	1.75		3.50		w/ TURBO, #G, 8 VALVE
272103-3	X		96.00	1.75	1.75		3.50		w/ TURBO, #G, 8 VALVE
272103-3	X		96.00	1.75	1.75		3.50		w/ TURBO, #G, 8 VALVE
271325-3	X		96.00	1.75	1.75		3.50		w/ TURBO, #D, 8 VALVE
271326-1	X		96.00	1.75	1.75		3.50		w/ TURBO, #G, 8 VALVE
271326-1	X		96.00	1.75	1.75		3.50		w/ TURBO, #G, 8 VALVE
271326-1	X		96.00	1.75	1.75		3.50		w/ TURBO, #G, 8 VALVE
271326-1	X		96.00	1.75	1.75		3.50		w/ TURBO, #G, 8 VALVE
271326-1	X		96.00	1.75	1.75		3.50		w/ TURBO, #G, 8 VALVE
271329-5	X		96.00	1.75	1.75		3.50		Normally Aspirated, #D, 8 VALVE
271329-5	X		96.00	1.75	1.75		3.50		Normally Aspirated, #D, 8 VALVE
271329-5	X		96.00	1.75	1.75		3.50		Normally Aspirated, #D, 8 VALVE
271329-5	X		96.00	1.75	1.75		3.50		Normally Aspirated, #D, 8 VALVE
271329-5	X		96.00	1.75	1.75		3.50		Normally Aspirated, #D, 8 VALVE
271329-5	X		96.00	1.75	1.75		3.50		Normally Aspirated, #D, 8 VALVE
271329-5	X		96.00	1.75	1.75		3.50		Normally Aspirated, #D, 8 VALVE
271329-5	X		96.00	1.75	1.75		3.50		Normally Aspirated, #D, 8 VALVE
271330-3	X		96.00	1.75	1.75		3.50		Normally Aspirated, #G, 8 VALVE
271330-3	X		96.00	1.75	1.75		3.50		Normally Aspirated, #G, 8 VALVE
271330-3	X		96.00	1.75	1.75		3.50		Normally Aspirated, #G, 8 VALVE
271330-3	X		96.00	1.75	1.75		3.50		Normally Aspirated, #G, 8 VALVE
271330-3	X		96.00	1.75	1.75		3.50		Normally Aspirated, #G, 8 VALVE
271330-3	X		96.00	1.75	1.75		3.50		Normally Aspirated, #G, 8 VALVE
271330-3	X		96.00	1.75	1.75		3.50		Normally Aspirated, #G, 8 VALVE
271330-3	X		96.00	1.75	1.75		3.50		Normally Aspirated, #G, 8 VALVE
271728-8	X		96.00	1.75	1.75		3.50		#D, 16 VALVE
271728-8	X		96.00	1.75	1.75		3.50		#D, 16 VALVE
271728-8	X		96.00	1.75	1.75		3.50		#D, 16 VALVE
271728-8	X		96.00	1.75	1.75		3.50		#D, 16 VALVE
271728-8	X		96.00	1.75	1.75		3.50		#D, 16 VALVE
271729-6	X		96.00	1.75	1.75		3.50		#G, 16 VALVE
271729-6	X		96.00	1.75	1.75		3.50		#G, 16 VALVE
271729-6	X		96.00	1.75	1.75		3.50		#G, 16 VALVE
271729-6	X		96.00	1.75	1.75		3.50		#G, 16 VALVE
271729-6	X		96.00	1.75	1.75		3.50		#G, 16 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
VOLVO										
2316	2.3L	141	760	1985 - 1990	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	780	1989 - 1991	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	850	1994 - 1997	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	940	1991 - 1995	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	COUPE	1991 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	850	1994 - 1996	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	940	1994 - 1995	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	850	1994 - 1996	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	940	1994 - 1995	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	850	1997 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2316	2.3L	141	850	1997 ONLY	4	CD B-23FT	F.I.	S.O.H.C.	275372-1	SWE51274
2319	2.3L	142	C70	1998 - 2004	5	B5234T3	F.I.	D.O.H.C.	274427-4	DISC. SWE51465
2319	2.3L	142	S60	2001 - 2003	5	B5234T3	F.I.	D.O.H.C.	274427-4	DISC. SWE51465
2319	2.3L	142	S70	1998 - 2000	5	B5234T3	F.I.	D.O.H.C.	274427-4	DISC. SWE51465
2319	2.3L	142	V70	1998 - 2005	5	B5234T3	F.I.	D.O.H.C.	274427-4	DISC. SWE51465
2383	2.4L	145	242	1981 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	244	1981 - 1983	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	244	1986 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	245	1981 - 1983	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	245	1986 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	264	1980 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	265	1980 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	242	1981 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	244	1981 - 1983	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	244	1986 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	245	1981 - 1983	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	245	1986 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	242	1981 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	244	1981 - 1982	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	244	1986 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	245	1981 - 1982	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	245	1986 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	262	1980 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	740	1985 - 1986	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	760	1983 - 1986	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	262	1981 ONLY	6	D24TD	DIESEL	S.O.H.C.	275343-2	SDE50326
2383	2.4L	145	264	1980 - 1982	6	D24TD	DIESEL	S.O.H.C.	275343-2	SDE50326
2383	2.4L	145	265	1980 - 1982	6	D24TD	DIESEL	S.O.H.C.	275343-2	SDE50326

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
VOLVO									
371325-3	X		96.00	1.75	1.75		3.50		w/ TURBO, #D, 8 VALVE
371325-3	X		96.00	1.75	1.75		3.50		w/ TURBO, #D, 8 VALVE
371325-3	X		96.00	1.75	1.75		3.50		w/ TURBO, #D, 8 VALVE
371325-3	X		96.00	1.75	1.75		3.50		w/ TURBO, #D, 8 VALVE
371325-3	X		96.00	1.75	1.75		3.50		w/ TURBO, #D, 8 VALVE
272304-7	X		96.00	1.75	1.75		3.50		w/ TURBO, #D, 8 VALVE
272304-7	X		96.00	1.75	1.75		3.50		w/ TURBO, #D, 8 VALVE
271798-1	X		96.00	1.75	1.75		3.50		w/ TURBO, #G, 8 VALVE
271798-1	X		96.00	1.75	1.75		3.50		w/ TURBO, #G, 8 VALVE
272240-3	X		96.00	1.75	1.75		3.50		w/ TURBO, #D, 8 VALVE
272241-1	X		96.00	1.75	1.75		3.50		w/ TURBO, #G, 8 VALVE
274132-0	X		81.00	1.50	1.75		3.00		20 VALVE
274132-0	X		81.00	1.50	1.75		3.00		20 VALVE
274132-0	X		81.00	1.50	1.75		3.00		20 VALVE
274132-0	X		81.00	1.50	1.75		3.00		20 VALVE
272032-4	X		76.50	1.75	2.00		3.00		12 VALVE
272032-4	X		76.50	1.75	2.00		3.00		12 VALVE
272032-4	X		76.50	1.75	2.00		3.00		12 VALVE
272032-4	X		76.50	1.75	2.00		3.00		12 VALVE
272032-4	X		76.50	1.75	2.00		3.00		12 VALVE
272032-4	X		76.50	1.75	2.00		3.00		12 VALVE
272032-4	X		76.50	1.75	2.00		3.00		12 VALVE
272072-0	X		76.50	1.75	2.00		3.00		12 VALVE
272072-0	X		76.50	1.75	2.00		3.00		12 VALVE
272072-0	X		76.50	1.75	2.00		3.00		12 VALVE
272072-0	X		76.50	1.75	2.00		3.00		12 VALVE
272072-0	X		76.50	1.75	2.00		3.00		12 VALVE
275064-4*	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
275064-4*	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
275064-4	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
275064-4*	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
275064-4	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
275064-4*	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
275064-4	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
275064-4	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
275064-4*	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
275064-4*	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
275064-4*	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y L	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
VOLVO										
2383	2.4L	145	244	1984 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8*	SDE50326
2383	2.4L	145	245	1984 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8*	SDE50326
2383	2.4L	145	740	1985 - 1986	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	760	1983 - 1986	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	244	1984 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8*	SDE50326
2383	2.4L	145	245	1984 ONLY	6	D24TD	DIESEL	S.O.H.C.	271356-8*	SDE50326
2383	2.4L	145	740	1985 - 1986	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2383	2.4L	145	760	1983 - 1986	6	D24TD	DIESEL	S.O.H.C.	271356-8	SDE50326
2401	2.4L	147	S60	2006 - 2009	5	D5244T2	DIESEL	D.O.H.C.	-	SWE51575
2435	2.4L	149	C70	1998 - 2004	5	B5254T	F.I.	D.O.H.C.	271992-0	DISC. SWE51525
2435	2.4L	149	S40	2005 - 2010	5	B5254T, B5254T7	F.I.	D.O.H.C.	271992-0	DISC. SWE51525
2435	2.4L	149	S70	1998 - 2000	5	B5254T	F.I.	D.O.H.C.	271992-0	DISC. SWE51525
2435	2.4L	149	V50	2005 - 2010	5	B5254T, B5254T7	F.I.	D.O.H.C.	271992-0	DISC. SWE51525
2435	2.4L	149	V70	1998 - 2007	5	B5254T, B5254T7	F.I.	D.O.H.C.	271992-0	DISC. SWE51525
2435	2.4L	149	S60	2001 - 2005	5	B5254T	F.I.	D.O.H.C.	30731512-7	DISC. SWE51525
2473	2.5L	151	V70	1998 - 1999	5	B6254FS	F.I.	D.O.H.C.	271992-0	DISC. SWE51525
2521	2.5L	154	S80	2004 - 2006	5	B524T2	F.I.	D.O.H.C.	30731512-7	DISC. SWE51525
2521	2.5L	154	V70	2004 - 2008	5	B524T2, B524T2R	F.I.	D.O.H.C.	30731512-7	DISC. SWE51525
2521	2.5L	154	XC70	2003 - 2007	5	B524T2	F.I.	D.O.H.C.	30731512-7	DISC. SWE51525
2521	2.5L	154	XC90	2003 - 2006	5	B524T2	F.I.	D.O.H.C.	30731512-7	DISC. SWE51525
2521	2.5L	178	C30	2008 - 2012	5	B524T2	F.I.	D.O.H.C.	30731512-7	DISC. SWE51525
2521	2.5L	154	C70	2006 - 2012	5	B524T2	F.I.	D.O.H.C.	30731512-7	DISC. SWE51525
2521	2.5L	154	S40	2005 - 2012	5	B524T2	F.I.	D.O.H.C.	30731512-7	DISC. SWE51525
2521	2.5L	154	S60	2004 - 2012	5	B524T2, B524T2R	F.I.	D.O.H.C.	30731512-7	DISC. SWE51525
2521	2.5L	154	V50	2005 - 2012	5	B524T2	F.I.	D.O.H.C.	30731512-7	DISC. SWE51525
2521	2.5L	154	S40	2005 - 2006	5	B524T2	F.I.	D.O.H.C.	274465-4	DISC. SWE51525
2521	2.5L	154	S40	2007 - 2010	5	B524T2	F.I.	D.O.H.C.	30750667-5	DISC. SWE51525
2521	2.5L	154	V50	2005 - 2006	5	B524T2	F.I.	D.O.H.C.	274465-4	DISC. SWE51525
2521	2.5L	154	V50	2007 - 2010	5	B524T2	F.I.	D.O.H.C.	30750667-5	DISC. SWE51525
2783	2.8L	170	S80	1999 - 2003	6	B6284T	F.I.	D.O.H.C.	30731512-7*	SWE51526
2922	2.9L	178	760	1987 - 1989	6	B6304S	F.I.	D.O.H.C.	271612-4	SWE51154
2922	2.9L	178	780	1987 - 1989	6	B6304S	F.I.	D.O.H.C.	271612-4	SWE51154
2922	2.9L	178	760	1990 ONLY	6	B6304S	F.I.	D.O.H.C.	271612-4	SWE51154
2922	2.9L	178	780	1990 ONLY	6	B6304S	F.I.	D.O.H.C.	271612-4	SWE51154
2922	2.9L	178	960	1992 - 1997	6	B6304S	F.I.	D.O.H.C.	271612-4	SWE51154

PISTONS

© 2013 NPR of America, Inc.

PISTON REFERENCE NUMBER	NOA PISTON #	HEAD PAGE #	DIA. mm	1	2	3	O	O	REMARK
				S T	N D	R D	1	2	
VOLVO									
272085-2	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
272085-2	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
272085-2	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
272085-2	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
272086-0	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
272086-0	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
272086-0	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
272086-0	X		76.50	1.75	2.00		3.00		w/ TURBO, 12 VALVE
-	X		81.00	2.00	1.75		3.00		w/ TURBO, 20 VALVE
272920-0	X		83.00	1.20	1.50		2.50		20 VALVE
272920-0	X		83.00	1.20	1.50		2.50		20 VALVE
272920-0	X		83.00	1.20	1.50		2.50		20 VALVE
272920-0	X		83.00	1.20	1.50		2.50		20 VALVE
272920-0	X		83.00	1.20	1.50		2.50		20 VALVE
274399-5	X		83.00	1.20	1.50		2.50		w/ TURBO, 20 VALVE
272151-2	X		83.00	1.20	1.50		2.50		20 VALVE
274466-2	X		83.00	1.20	1.50		2.50		20 VALVE
274466-2	X		83.00	1.20	1.50		2.50		20 VALVE
274466-2	X		83.00	1.20	1.50		2.50		20 VALVE
274466-2	X		83.00	1.20	1.50		2.50		20 VALVE
30731508-5	X		83.00	1.20	1.50		2.50		w/ TURBO, 20 VALVE
30731508-5	X		83.00	1.20	1.50		2.50		w/ TURBO, 20 VALVE
30731508-5	X		83.00	1.20	1.50		2.50		w/ TURBO, 20 VALVE
30731508-5	X		83.00	1.20	1.50		2.50		w/ TURBO, 20 VALVE
30731508-5	X		83.00	1.20	1.50		2.50		w/ TURBO, 20 VALVE
30750663-4	X		83.00	1.20	1.50		2.50		20 VALVE
30750663-4	X		83.00	1.20	1.50		2.50		20 VALVE
30750663-4	X		83.00	1.20	1.50		2.50		20 VALVE
30750663-4	X		83.00	1.20	1.50		2.50		20 VALVE
272945-7	X		83.00	1.20	1.50		2.50		24 VALVE
270483-1	X		83.00	1.50	1.75		3.00		w/ VTECH, 24 VALVE
270483-1	X		83.00	1.50	1.75		3.00		w/ VTECH, 24 VALVE
271321-2	X		83.00	1.50	1.75		3.00		w/ VTECH, 24 VALVE
271321-2	X		83.00	1.50	1.75		3.00		w/ VTECH, 24 VALVE
271321-2	X		83.00	1.50	1.75		3.00		w/ VTECH, 24 VALVE

U.S. APPLICATIONS

PISTON RINGS

© 2013 NPR of America, Inc.

ENGINE SIZE			MODEL NAME	YEAR	C Y	ENGINE CODE NUMBER	F.I. CARB DIESEL	O.H.V. S.O.H.C. D.O.H.C.	RING REFERENCE NUMBER	NOA PISTON RING #
cc	L	ci								
VOLVO										
2922	2.9L	178	760	1990 ONLY	6	B6304S	F.I.	D.O.H.C.	271612-4	SWE51154
2922	2.9L	178	780	1990 ONLY	6	B6304S	F.I.	D.O.H.C.	271612-4	SWE51154
2922	2.9L	178	960	1992 - 1997	6	B6304S	F.I.	D.O.H.C.	271612-4	SWE51154
2922	2.9L	178	S90	1997 - 1998	6	B6304S	F.I.	D.O.H.C.	271612-4	SWE51154
2922	2.9L	178	V90	1997 - 1998	6	B6304S	F.I.	D.O.H.C.	271612-4	SWE51154
2922	2.9L	178	760	1990 ONLY	6	B6304S	F.I.	D.O.H.C.	271612-4	SWE51154
2922	2.9L	178	780	1990 ONLY	6	B6304S	F.I.	D.O.H.C.	271612-4	SWE51154
2922	2.9L	178	960	1992 - 1997	6	B6304S	F.I.	D.O.H.C.	271612-4	SWE51154
2922	2.9L	178	S80	1999 - 2005	6	B6294T	F.I.	D.O.H.C.	271992-0	SWE51526
2922	2.9L	178	XC90	2003 - 2005	6	B6294T	F.I.	D.O.H.C.	271992-0	SWE51526
2953	3.0L	180	S60	2010 - 2012	6	B6304T2	F.I.	D.O.H.C.	30750896-0	NA
2953	3.0L	180	S80	2009 - 2012	6	B6304T2	F.I.	D.O.H.C.	30750896-0	NA
2953	3.0L	180	XC60	2009 - 2012	6	B6304T2	F.I.	D.O.H.C.	30750896-0	NA
2953	3.0L	180	XC70	2009 - 2012	6	B6304T2	F.I.	D.O.H.C.	30750896-0	NA
3192	3.2L	195	S80	2007 - 2012	6	B6324S	F.I.	D.O.H.C.	30750278-1	NA
3192	3.2L	195	V70	2008 - 2010	6	B6324S	F.I.	D.O.H.C.	30750278-1	NA
3192	3.2L	195	XC60	2010 - 2012	6	B6324S	F.I.	D.O.H.C.	30750278-1	NA
3192	3.2L	195	XC70	2008 - 2012	6	B6324S	F.I.	D.O.H.C.	30750278-1	NA
3192	3.2L	195	XC90	2007 - 2012	6	B6324S	F.I.	D.O.H.C.	30750278-1	NA
3192	3.2L	195	S80	2007 - 2010	6	B6324ST	F.I.	D.O.H.C.	30750869-0	NA
4414	4.4L	269	S80	2007 - 2010	V8	B8444S	F.I.	D.O.H.C.	30720077-4	NA
4414	4.4L	269	XC90	2005 - 2012	V8	B8444S	F.I.	D.O.H.C.	30720077-4	NA
VOLVO - END										

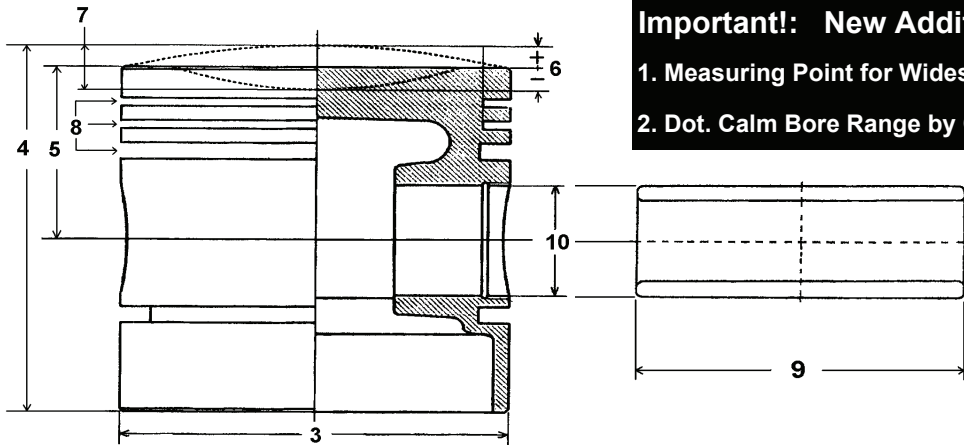
PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



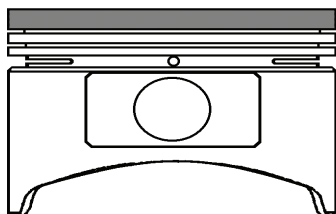
© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION				
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	+	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	-	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch		inch	OIL2	mm	MID	MID	MID	MID	MID	
1	2	3	4	5	6	7	8	9	17	18	19	20	21	22
PISTON RING #		Wall Clearance												
		11	mm	inch	12			10						
13						Cir Clip	SURFACE TREATMENT		REMARKS: Measure for OIL Clearance: 23 mm inch from Bottom of Skirt.					
						14	15							
							16							

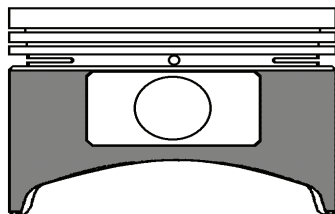


Important!: New Additions to Buyer's Guide.
 1. Measuring Point for Widest Point on Piston Skirt.
 2. Dot. Calm Bore Range by Color Code.

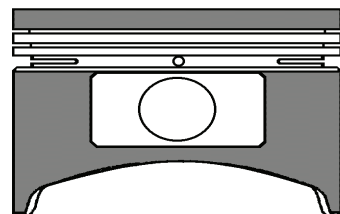
- 1: NOA's Piston Part Number.
- 2: Number of Cylinder.
- 3: Cylinder Bore Diameter.
- 4: Piston Length.
- 5: Compression Distance.
- 6: Dome or Dish.
- 7: Dome or Dish Height.
- 8: Piston Ring Groove.
- 9: Piston Pin Length.
- 10: Piston Pin Diameter.
- 11: NPR's Piston Ring for Piston Kit.
- 12: Cylinder Wall Clearance.
- 13: Piston Drawing.
- 14: Cir Clip.
- 15: Head Surface Treatment Information.
- 16: Skirt Surface Treatment Information.
- 17: Color Code.
- 18: Piston Mid. Diameter - -0 (STD) Size.
- 19: Piston Mid. Diameter - -1 (0.25) Size.
- 20: Piston Mid. Diameter - -2 (0.50) Size.
- 21: Piston Mid. Diameter - -3 (0.75) Size.
- 22: Piston Mid. Diameter - -4 (1.00) Size.
- 23: Piston Diameter Measuring Point.



Anodized Head



Moly Skirt



Anodized Head & Moly Skirt

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-012	4	84.000	80.00	37.00	-	1.00	2.00	83.970	Tolerance is +/- (mm inch) : 0.003 0.00012				
		3.307	3.150	1.457		0.039	0.079		2.598	YELLOW:	83.9630	84.2130	84.4630
PISTON RING #		Total Clearance					2.00	RED:	83.9765	84.2265	84.4765	84.7265	84.9765
SWI10056		mm	inch				0.079	BLUE:	3.30616	3.31600	3.32585	3.33569	3.34553
		-0.04	-0.00157				4.00		83.9695	84.2195	84.4695	84.7195	84.9695
							0.157		3.30589	3.31573	3.32557	3.33541	3.34526
				Cir Clip				REMARKS:					
				NONE		SURFACE TREATMENT		Measure for CYL					
				T01		NONE		Clearance: 15.00 mm from Bottom of Skirt.					
								Clearance: 0.591 inch					
PAGE #		103	173										
11-016	4	87.000	80.00	37.00		1.50	1.50	87.000	Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.425	3.150	1.457		0.059	0.059		3.031	YELLOW:	86.9775	87.2275	87.4775
PISTON RING #		Total Clearance					1.50	RED:	3.42431	3.43415	3.44400	3.45384	3.46368
SWI10096		mm	inch				0.059	BLUE:	86.9675	87.2175	87.4675	87.7175	87.9675
		-0.04	-0.00157				4.00		3.42392	3.43376	3.44360	3.45344	3.46329
							0.157		86.9625	87.2125	87.4625	87.7125	87.9625
				Cir Clip				GREEN:	3.42372	3.43356	3.44341	3.45325	3.46309
				NONE		SURFACE TREATMENT		REMARKS:					
				C17		NONE		Measure for CYL					
								Clearance: 10.00 mm from Bottom of Skirt.					
								Clearance: 0.394 inch					
PAGE #		103	173										
11-020	4	74.000	58.00	29.00	-	1.50	1.50	73.980	Tolerance is +/- (mm inch) : 0.003 0.00012				
		2.913	2.283	1.142		0.059	0.059		2.362	YELLOW:	73.9730	74.2230	74.4730
PISTON RING #		Total Clearance					1.50	RED:	2.91232	2.92217	2.93201	2.94185	2.95169
SWM31027		mm	inch				0.059	BLUE:	73.9865	74.2365	74.4865	74.7365	74.9865
		-0.04	-0.00157				4.00		2.91285	2.92270	2.93254	2.94238	2.95222
							0.157		73.9795	74.2295	74.4795	74.7295	74.9795
				Cir Clip				GREEN:	2.91258	2.92242	2.93226	2.94211	2.95195
				NONE		SURFACE TREATMENT		REMARKS:					
				T01		NONE		Measure for CYL					
								Clearance: 10.00 mm from Bottom of Skirt.					
								Clearance: 0.394 inch					
PAGE #		25											
11-027	4	85.000	72.20	35.20	-	5.20	2.00	84.980	Tolerance is +/- (mm inch) : 0.0045 0.00018				
		3.346	2.843	1.386		0.205	0.079		2.835	YELLOW:	84.9905	85.2405	85.4905
PISTON RING #		Total Clearance					2.00	RED:	3.34608	3.35593	3.36577	3.37561	3.38545
SWM31013		mm	inch				0.079	BLUE:	84.9825	85.2325	85.4825	85.7325	85.9825
		-0.04	-0.00157				4.00		3.34577	3.35561	3.36545	3.37530	3.38514
							0.157		84.9695	85.2195	85.4695	85.7195	85.9695
				Cir Clip				GREEN:	3.34526	3.35510	3.36494	3.37478	3.38463
				NONE		SURFACE TREATMENT		REMARKS:					
				J05		NONE		Measure for CYL					
								Clearance: 30.00 mm from Bottom of Skirt.					
								Clearance: 1.181 inch					
PAGE #		29	219										

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-028	4	91.100	88.70	48.70	-	2.30	75.00	91.100 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.587	3.492	1.917		0.091	0.098	2.953	YELLOW:	91.0775	91.3275	91.5775	91.8275
PISTON RING #		Total Clearance				2.00	29.00	RED:	91.0675	91.3175	91.5675	91.8175	92.0675
		mm	inch			0.079		0.157	3.58533	3.59518	3.60502	3.61486	3.62470
SDM31038		-0.1016	-0.00400			4.00	1.142	BLUE:	91.0625	91.3125	91.5625	91.8125	92.0625
						0.157		0.866	3.58514	3.59498	3.60482	3.61467	3.62451
				Cir Clip				GREEN:	91.0725	91.3225	91.5725	91.8225	92.0725
						SURFACE TREATMENT		REMARKS:					
				NONE		NONE		Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
				C17		NONE							
PAGE #		33	221										
11-031	4	91.100	77.20	35.20		2.00	75.00	91.070 Tolerance is +/- (mm inch) : 0.0045 0.00018					
		3.587	3.039	1.386		0.079	0.079	2.953	YELLOW:	91.0805	91.3305	91.5805	91.8305
PISTON RING #		Total Clearance				2.00	22.00	RED:	91.0725	91.3225	91.5725	91.8225	92.0725
		mm	inch			0.079		0.866	3.58553	3.59537	3.60522	3.61506	3.62490
SWM31047		-0.04	-0.00157			4.00	0.866	BLUE:	91.0595	91.3095	91.5595	91.8095	92.0595
						0.157		0.866	3.58502	3.59486	3.60470	3.61455	3.62439
				Cir Clip				GREEN:	91.0675	91.3175	91.5675	91.8175	92.0675
						SURFACE TREATMENT		REMARKS:					
				NONE		NONE		Measure for CYL Clearance: 37.50 mm from Bottom of Skirt.					
				J05		NONE							
PAGE #		41	223										
11-035	4	91.100	78.30	36.00	+	0.30	79.00	91.100 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.587	3.083	1.417		0.012	0.059	3.110	YELLOW:	91.0775	91.3275	91.5775	91.8275
PISTON RING #		Total Clearance				1.50	22.00	RED:	91.0675	91.3175	91.5675	91.8175	92.0675
		mm	inch			0.059		0.866	3.58533	3.59518	3.60502	3.61486	3.62470
SWM31039		-0.04	-0.00157			4.00	0.866	BLUE:	91.0625	91.3125	91.5625	91.8125	92.0625
						0.157		0.866	3.58514	3.59498	3.60482	3.61467	3.62451
				Cir Clip				GREEN:	91.0725	91.3225	91.5725	91.8225	92.0725
						SURFACE TREATMENT		REMARKS:					
				NONE		NONE		Measure for CYL Clearance: 25.00 mm from Bottom of Skirt.					
				C17		NONE							
PAGE #		41	201	223									
11-049	4	76.000	65.00	30.00	-	6.50	63.00	75.980 Tolerance is +/- (mm inch) : 0.003 0.00012					
		2.992	2.559	1.181		0.256	0.047	2.480	YELLOW:	75.9730	76.2230	76.4730	76.7230
PISTON RING #		Total Clearance				2.00	19.00	RED:	75.9865	76.2365	76.4865	76.7365	76.9865
		mm	inch			0.079		0.748	2.99159	3.00144	3.01128	3.02112	3.03096
SWN30052		-0.04	-0.00157			4.00	0.748	BLUE:	75.9795	76.2295	76.4795	76.7295	76.9795
						0.157		0.748	2.99132	3.00116	3.01100	3.02085	3.03069
				Cir Clip				REMARKS:					
						SURFACE TREATMENT		Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
				NONE		NONE							
				T01		NONE							
PAGE #		229											

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	OIL1	DIA.		inch	inch	inch	inch	inch
11-050	4	76.000	62.70	32.50	9.40	1.50	62.00	YELLOW:	75.9775	76.2275	76.4775	76.7275	76.9775
		2.992	2.469	1.280		0.059			2.99124	3.00108	3.01093	3.02077	3.03061
PISTON RING #		Total Clearance				1.50		RED:	75.9675	76.2175	76.4675	76.7175	76.9675
SWN30057		mm	inch			0.059		2.99085	3.00069	3.01053	3.02037	3.03022	
		-0.04	-0.00157			4.00		BLUE:	75.9625	76.2125	76.4625	76.7125	76.9625
						0.157		2.99065	3.00049	3.01033	3.02018	3.03002	
								GREEN:	75.9725	76.2225	76.4725	76.7225	76.9725
								2.99104	3.00089	3.01073	3.02057	3.03041	
		Cir Clip						REMARKS:					
		NONE						Measure for CYL 10.00 mm from Bottom of Skirt.					
		C17						Clearance: 0.394 inch					
		SURFACE TREATMENT											
		NONE											
		C17											
		NONE											
11-052	4	76.000	62.50	32.50	9.50	1.50	62.00	YELLOW:	75.9775	76.2275	76.4775	76.7275	76.9775
		2.992	2.461	1.280		0.059			2.99124	3.00108	3.01093	3.02077	3.03061
PISTON RING #		Total Clearance				1.50		RED:	75.9675	76.2175	76.4675	76.7175	76.9675
SWN30057		mm	inch			0.059		2.99085	3.00069	3.01053	3.02037	3.03022	
		-0.04	-0.00157			4.00		BLUE:	75.9625	76.2125	76.4625	76.7125	76.9625
						0.157		2.99065	3.00049	3.01033	3.02018	3.03002	
								GREEN:	75.9725	76.2225	76.4725	76.7225	76.9725
								2.99104	3.00089	3.01073	3.02057	3.03041	
		Cir Clip						REMARKS:					
		NONE						Measure for CYL 10.00 mm from Bottom of Skirt.					
		C17						Clearance: 0.394 inch					
		SURFACE TREATMENT											
		NONE											
		C17											
		NONE											
11-059	4	85.000	78.10	38.10	2.20	2.00	72.00	YELLOW:	84.9905	85.2405	85.4905	85.7405	85.9905
		3.346	3.075	1.500		0.079			3.34608	3.35593	3.36577	3.37561	3.38545
PISTON RING #		Total Clearance				2.00		RED:	84.9825	85.2325	85.4825	85.7325	85.9825
SWN30048		mm	inch			0.079		3.34577	3.35561	3.36545	3.37530	3.38514	
		-0.04	-0.00157			4.00		BLUE:	84.9695	85.2195	85.4695	85.7195	85.9695
						0.157		3.34526	3.35510	3.36494	3.37478	3.38463	
								GREEN:	84.9775	85.2275	85.4775	85.7275	85.9775
								3.34557	3.35541	3.36526	3.37510	3.38494	
		Cir Clip						REMARKS:					
		NONE						Measure for CYL 15.00 mm from Bottom of Skirt.					
		J05						Clearance: 0.591 inch					
		SURFACE TREATMENT											
		NONE											
		T01											
		NONE											
11-060	4	85.000	78.00	38.00	3.00	2.00	72.00	YELLOW:	84.9430	85.1930	85.4430	85.6930	85.9430
		3.346	3.071	1.496		0.079			3.34421	3.35406	3.36390	3.37374	3.38358
PISTON RING #		Total Clearance				2.00		RED:	84.9565	85.2065	85.4565	85.7065	85.9565
SWN30048		mm	inch			0.079		3.34474	3.35459	3.36443	3.37427	3.38411	
		-0.04	-0.00157			4.00		BLUE:	84.9495	85.1995	85.4495	85.6995	85.9495
						0.157		3.34447	3.35431	3.36415	3.37400	3.38384	
		Cir Clip						REMARKS:					
		NONE						Measure for CYL 15.00 mm from Bottom of Skirt.					
		T01						Clearance: 0.591 inch					
		SURFACE TREATMENT											
		NONE											
		T01											
		NONE											

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-062	4	PAGE # 231											
		84.500	65.00	30.00	2.20	1.50	61.00	84.500 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.327	2.559	1.181	0.087	0.059	2.402	YELLOW: 84.4775 84.7275 84.9775 85.2275 85.4775 3.32589 3.33573 3.34557 3.35541 3.36526					
PISTON RING #		Total Clearance				1.50		RED: 84.4675 84.7175 84.9675 85.2175 85.4675 3.32549 3.33533 3.34518 3.35502 3.36486					
SWN30053		mm	inch			0.059		BLUE: 84.4625 84.7125 84.9625 85.2125 85.4625 3.32530 3.33514 3.34498 3.35482 3.36467					
		-0.04	-0.00157			4.00	20.00	GREEN: 84.4725 84.7225 84.9725 85.2225 85.4725 3.32569 3.33553 3.34537 3.35522 3.36506					
						0.157	0.787	REMARKS: Measure for CYL 30.00 mm from Bottom of Skirt. Clearance: 1.181 inch					
				Cir Clip									
				NONE		SURFACE TREATMENT							
				NONE		NONE							
				C17		NONE							
11-064	4	PAGE # 231											
		85.000	67.00	32.00	1.50	1.50	72.00	84.990 Tolerance is +/- (mm inch) : 0.003 0.00012					
		3.346	2.638	1.260	0.059	0.059	2.835	YELLOW: 84.9830 85.2330 85.4830 85.7330 85.9830 3.34579 3.35563 3.36547 3.37531 3.38516					
PISTON RING #		Total Clearance				1.50		RED: 84.9965 85.2465 85.4965 85.7465 85.9965 3.34632 3.35616 3.36600 3.37585 3.38569					
SWN30086		mm	inch			0.10	21.00	BLUE: 84.9895 85.2395 85.4895 85.7395 85.9895 3.34604 3.35589 3.36573 3.37557 3.38541					
		-0.04	-0.00157			0.157	0.827						
				Cir Clip				REMARKS: Measure for CYL 20.00 mm from Bottom of Skirt. Clearance: 0.787 inch					
				NONE		SURFACE TREATMENT							
				NONE		NONE							
				T01		NONE							
11-068	4	PAGE # 233											
		83.000	90.00	48.00	2.00	2.50	71.00	83.000 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.268	3.543	1.890	0.079	0.098	2.795	YELLOW: 82.9775 83.2275 83.4775 83.7275 83.9775 3.26683 3.27667 3.28652 3.29636 3.30620					
PISTON RING #		Total Clearance				2.00		RED: 82.9675 83.2175 83.4675 83.7175 83.9675 3.26644 3.27628 3.28612 3.29596 3.30581					
SDN31027		mm	inch			0.079	26.00	BLUE: 82.9625 83.2125 83.4625 83.7125 83.9625 3.26624 3.27608 3.28593 3.29577 3.30561					
		-0.1016	-0.00400			0.177	1.024	GREEN: 82.9725 83.2225 83.4725 83.7225 83.9725 3.26663 3.27648 3.28632 3.29616 3.30600					
				Cir Clip				REMARKS: Measure for CYL 15.00 mm from Bottom of Skirt. Clearance: 0.591 inch					
				Cir Clip									
				Cir Clip									
				C17		NONE							
11-069	4	PAGE # 233											
		87.000	72.00	32.00	2.50	1.50	64.00	86.980 Tolerance is +/- (mm inch) : 0.0045 0.00018					
		3.425	2.835	1.260	0.098	0.059	2.520	YELLOW: 86.9905 87.2405 87.4905 87.7405 87.9905 3.42482 3.43467 3.44451 3.45435 3.46419					
PISTON RING #		Total Clearance				1.50		RED: 86.9825 87.2325 87.4825 87.7325 87.9825 3.42451 3.43435 3.44419 3.45404 3.46388					
SWN30054		mm	inch			0.059	21.00	BLUE: 86.9695 87.2195 87.4695 87.7195 87.9695 3.42400 3.43384 3.44368 3.45352 3.46337					
		-0.04	-0.00157			0.157	0.827	GREEN: 86.9775 87.2275 87.4775 87.7275 87.9775 3.42431 3.43415 3.44400 3.45384 3.46368					
				Cir Clip				REMARKS: Measure for CYL 0.00 mm from Bottom of Skirt. Clearance: 0.000 inch					
				NONE		SURFACE TREATMENT							
				NONE		NONE							
				J05		NONE							

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm	
		mm inch	mm inch	mm inch	mm inch	OIL1	DIA.		inch	inch	inch	inch	inch	
11-070	4	89.000	70.40	33.80	-	4.00	1.50	YELLOW:	88.9775	89.2275	89.4775	89.7275	89.9775	
		3.504	2.772	1.331		0.157	0.059		2.618	3.50305	3.51289	3.52274	3.53258	3.54242
		Total Clearance				1.50			88.9675	89.2175	89.4675	89.7175	89.9675	
PISTON RING #		SWN30059		Total Clearance		mm	inch	0.059	3.52234	3.53219	3.54203			
				-0.04		-0.00157		4.00	3.52215	3.53199	3.54183			
								0.157	3.52254	3.53238	3.54222			
				Cir Clip				REMARKS:						
				NONE		SURFACE TREATMENT		Measure for CYL						
				NONE		NONE		Clearance: 10.00 mm from Bottom of Skirt.						
				C17		NONE		0.394 inch						
11-071	6	83.000	78.00	38.00		2.00	72.00	YELLOW:	82.9775	83.2275	83.4775	83.7275	83.9775	
		3.268	3.071	1.496		0.079	2.835		3.26683	3.27667	3.28652	3.29636	3.30620	
		Total Clearance				2.00			82.9675	83.2175	83.4675	83.7175	83.9675	
PISTON RING #		SWN30034		Total Clearance		mm	inch	0.079	3.28612	3.29596	3.30581			
				-0.04		-0.00157		4.00	3.28593	3.29577	3.30561			
								0.157	3.28632	3.29616	3.30600			
				Cir Clip				REMARKS:						
				NONE		SURFACE TREATMENT		Measure for CYL						
				NONE		NONE		Clearance: 25.00 mm from Bottom of Skirt.						
				C17		NONE		0.984 inch						
11-076	6	83.000	78.00	38.00	-	0.80	2.00	YELLOW:	82.9905	83.2405	83.4905	83.7405	83.9905	
		3.268	3.071	1.496		0.031	0.079		2.835	3.26734	3.27719	3.28703	3.29687	3.30671
		Total Clearance				2.00			82.9825	83.2325	83.4825	83.7325	83.9825	
PISTON RING #		SWN30034		Total Clearance		mm	inch	0.079	3.28671	3.29656	3.30640			
				-0.04		-0.00157		4.00	3.28671	3.29656	3.30640			
								0.157	3.28620	3.29604	3.30589			
				Cir Clip				REMARKS:						
				NONE		SURFACE TREATMENT		Measure for CYL						
				NONE		NONE		Clearance: 12.00 mm from Bottom of Skirt.						
				J05		NONE		0.472 inch						
11-081	6	86.000	78.30	38.00	-	3.00	2.00	YELLOW:	85.9430	86.1930	86.4430	86.6930	86.9430	
		3.386	3.083	1.496		0.118	0.079		2.835	3.38358	3.39343	3.40327	3.41311	3.42295
		Total Clearance				2.00			85.9565	86.2065	86.4565	86.7065	86.9565	
PISTON RING #		SWN30047		Total Clearance		mm	inch	0.079	3.40380	3.41364	3.42348			
				-0.04		-0.00157		4.00	3.40352	3.41337	3.42321			
								0.157						
				Cir Clip				REMARKS:						
				NONE		SURFACE TREATMENT		Measure for CYL						
				NONE		NONE		Clearance: 15.00 mm from Bottom of Skirt.						
				T01		NONE		0.591 inch						

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-082	6	86.000	78.20	38.00	-	2.00	72.00	85.950 Tolerance is +/- (mm inch) : 0.003 0.00012					
		3.386	3.079	1.496		0.079	0.079	2.835	YELLOW:	85.9430	86.1930	86.4430	86.6930
PISTON RING #		Total Clearance				2.00		RED:	85.9565	86.2065	86.4565	86.7065	86.9565
SWN30047		mm	inch			0.079		BLUE:	3.38411	3.39396	3.40380	3.41364	3.42348
		-0.04	-0.00157			4.00	21.00		3.38384	3.39368	3.40352	3.41337	3.42321
						0.157	0.827	REMARKS: Measure for CYL Clearance: 22.00 mm from Bottom of Skirt. 0.866 inch					
PAGE #		235											
11-084	6	86.000	78.80	38.50		1.50	72.00	85.950 Tolerance is +/- (mm inch) : 0.003 0.00012					
		3.386	3.102	1.516		0.059	0.059	2.835	YELLOW:	85.9430	86.1930	86.4430	86.6930
PISTON RING #		Total Clearance				2.00		RED:	85.9565	86.2065	86.4565	86.7065	86.9565
SWN30066		mm	inch			0.079		BLUE:	3.38411	3.39396	3.40380	3.41364	3.42348
		-0.04	-0.00157			4.00	21.00		3.38384	3.39368	3.40352	3.41337	3.42321
						0.157	0.827	REMARKS: Measure for CYL Clearance: 15.00 mm from Bottom of Skirt. 0.591 inch					
PAGE #		235											
11-105	4	74.000	57.70	27.70	-	1.50	62.00	74.000 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		2.913	2.272	1.091		0.059	0.059	2.441	YELLOW:	73.9775	74.2275	74.4775	74.7275
PISTON RING #		Total Clearance				1.50		RED:	2.91250	2.92234	2.93219	2.94203	2.95187
SWH30114		mm	inch			0.059		BLUE:	73.9675	74.2175	74.4675	74.7175	74.9675
		-0.04	-0.00157			4.00	17.00		2.91211	2.92195	2.93179	2.94163	2.95148
						0.157	0.669	GREEN:	73.9625	74.2125	74.4625	74.7125	74.9625
									2.91191	2.92175	2.93159	2.94144	2.95128
								REMARKS: Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch					
PAGE #		154											
11-106	4	74.000	62.70	27.70		1.50	62.00	74.000 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		2.913	2.469	1.091		0.059	0.059	2.441	YELLOW:	73.9775	74.2275	74.4775	74.7275
PISTON RING #		Total Clearance				1.50		RED:	2.91250	2.92234	2.93219	2.94203	2.95187
SWH30114		mm	inch			0.059		BLUE:	73.9675	74.2175	74.4675	74.7175	74.9675
		-0.04	-0.00157			4.00	17.00		2.91211	2.92195	2.93179	2.94163	2.95148
						0.157	0.669	GREEN:	73.9625	74.2125	74.4625	74.7125	74.9625
									2.91191	2.92175	2.93159	2.94144	2.95128
								REMARKS: Measure for CYL Clearance: 20.00 mm from Bottom of Skirt. 0.787 inch					
PAGE #		155											

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	+ DIST.	2ND	LENGTH	mm		mm	mm	mm	mm	
		mm	mm	mm	mm	OIL1	DIA.	inch		inch	inch	inch	inch	
		mm	mm	mm	mm	OIL2	mm		mm	mm	mm	mm	mm	
		inch	inch	inch	inch				inch	inch	inch	inch	inch	
		Total Clearance												
		mm	inch											
11-111	4	74.000	59.80	29.80	4.70	1.20	56.00	74.000	Tolerance is +/- (mm inch) : 0.0025 0.00010					
		2.913	2.354	1.173	0.185	0.047	2.205		YELLOW:	73.9775	74.2275	74.4775	74.7275	74.9775
		Total Clearance							RED:	73.9675	74.2175	74.4675	74.7175	74.9675
		mm	inch							2.91211	2.92195	2.93179	2.94163	2.95148
		SWH30253							BLUE:	73.9625	74.2125	74.4625	74.7125	74.9625
		-0.04	-0.00157							2.91191	2.92175	2.93159	2.94144	2.95128
									GREEN:	73.9725	74.2225	74.4725	74.7225	74.9725
										2.91230	2.92215	2.93199	2.94183	2.95167
									REMARKS:					
									Measure for CYL					
									Clearance: 10.00 mm from Bottom of Skirt.					
									0.394 inch					
11-113	4	74.000	57.50	27.50	2.50	1.50	62.00	74.000	Tolerance is +/- (mm inch) : 0.0025 0.00010					
		2.913	2.264	1.083	0.098	0.059	2.441		YELLOW:	73.9775	74.2275	74.4775	74.7275	74.9775
		Total Clearance							RED:	73.9675	74.2175	74.4675	74.7175	74.9675
		mm	inch							2.91211	2.92195	2.93179	2.94163	2.95148
		SWH30114							BLUE:	73.9625	74.2125	74.4625	74.7125	74.9625
		-0.04	-0.00157							2.91191	2.92175	2.93159	2.94144	2.95128
									GREEN:	73.9725	74.2225	74.4725	74.7225	74.9725
										2.91230	2.92215	2.93199	2.94183	2.95167
									REMARKS:					
									Measure for CYL					
									Clearance: 10.00 mm from Bottom of Skirt.					
									0.394 inch					
11-122	4	80.000	65.30	29.80	0.50	1.50	61.00	79.950	Tolerance is +/- (mm inch) : 0.003 0.00012					
		3.150	2.571	1.173	0.020	0.059	2.402		YELLOW:	79.9430	80.1930	80.4430	80.6930	80.9430
		Total Clearance							RED:	79.9565	80.2065	80.4565	80.7065	80.9565
		mm	inch							3.14789	3.15774	3.16758	3.17742	3.18726
		SWH30251							BLUE:	79.9495	80.1995	80.4495	80.6995	80.9495
		-0.04	-0.00157							3.14762	3.15746	3.16730	3.17715	3.18699
									REMARKS:					
									Measure for CYL					
									Clearance: 30.00 mm from Bottom of Skirt.					
									1.181 inch					
11-124	4	77.000	61.80	29.00	0.80	1.50	65.00		76.970	Tolerance is +/- (mm inch) : 0.003 0.00012				
		3.031	2.433	1.142	0.031	0.059	2.559			YELLOW:	76.9630	77.2130	77.4630	77.7130
		Total Clearance						RED:		76.9765	77.2265	77.4765	77.7265	77.9765
		mm	inch							3.03057	3.04041	3.05026	3.06010	3.06994
		SWT20045						BLUE:		76.9695	77.2195	77.4695	77.7195	77.9695
		-0.04	-0.00157							3.03030	3.04014	3.04998	3.05982	3.06967
								REMARKS:						
								Measure for CYL						
								Clearance: 15.00 mm from Bottom of Skirt.						
								0.591 inch						

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-127	4	77.000	60.60	28.60	-	2.00	1.50	77.000	0.0025	0.0010	Tolerance is + / - (mm inch) :		
		3.031	2.386	1.126		0.079	0.059				65.00	2.559	76.9775
PISTON RING #		Total Clearance											
		mm	inch										
SWT20045		-0.04	-0.00157										
				Cir Clip		NONE		SURFACE TREATMENT		NONE		NONE	
				C17		NONE		REMARKS:		Measure for CYL Clearance:		1.00 mm from Bottom of Skirt.	
PAGE #		195											
11-129	4	86.000	70.80	34.00	-	2.60	1.50	86.000	0.0025	0.0010	Tolerance is + / - (mm inch) :		
		3.386	2.787	1.339		0.102	0.059				67.00	2.638	85.9775
PISTON RING #		Total Clearance											
		mm	inch										
SWT20048		-0.04	-0.00157										
				Cir Clip		NONE		SURFACE TREATMENT		NONE		NONE	
				C17		NONE		REMARKS:		Measure for CYL Clearance:		10.00 mm from Bottom of Skirt.	
PAGE #		181 197											
11-140	4	75.000	75.00	36.00		2.00	1.50	75.000	0.0025	0.0010	Tolerance is + / - (mm inch) :		
		2.953	2.953	1.417		0.079	0.079				61.00	2.402	74.9775
PISTON RING #		Total Clearance											
		mm	inch										
SWT10052		-0.04	-0.00157										
				Cir Clip		NONE		SURFACE TREATMENT		NONE		NONE	
				C17		NONE		REMARKS:		Measure for CYL Clearance:		12.00 mm from Bottom of Skirt.	
PAGE #		261											
11-141	4	75.000	69.00	36.00	-	4.00	1.50	75.000	0.0025	0.0010	Tolerance is + / - (mm inch) :		
		2.953	2.717	1.417		0.157	0.059				61.00	2.402	74.9775
PISTON RING #		Total Clearance											
		mm	inch										
SWT10109		-0.04	-0.00157										
				Cir Clip		NONE		SURFACE TREATMENT		NONE		NONE	
				C17		NONE		REMARKS:		Measure for CYL Clearance:		10.00 mm from Bottom of Skirt.	
PAGE #		261											

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-142		PAGE # 261											
4		77.500	61.00	31.00	3.20	1.50	61.00	77.500 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.051	2.402	1.220	0.126	0.059	2.402	YELLOW:	77.4775	77.7275	77.9775	78.2275	78.4775
PISTON RING #		Total Clearance											
SWT10078		mm	inch										
		-0.04	-0.00157										
		Cir Clip											
		NONE		SURFACE TREATMENT									
		C17		NONE									
				REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch									
11-143		PAGE # 261											
4		77.500	61.00	31.00	3.00	1.50	61.00	77.500 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.051	2.402	1.220	0.118	0.059	2.402	YELLOW:	77.4775	77.7275	77.9775	78.2275	78.4775
PISTON RING #		Total Clearance											
SWT10078		mm	inch										
		-0.04	-0.00157										
		Cir Clip											
		NONE		SURFACE TREATMENT									
		C17		NONE									
				REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch									
11-144		PAGE # 99 261											
4		81.000	60.50	30.50	3.00	1.50	61.00	80.980 Tolerance is +/- (mm inch) : 0.003 0.00012					
		3.189	2.382	1.201	0.118	0.059	2.402	YELLOW:	80.9730	81.2230	81.4730	81.7230	81.9730
PISTON RING #		Total Clearance											
SWT10108		mm	inch										
		-0.04	-0.00157										
		Cir Clip											
		NONE		SURFACE TREATMENT									
		T01		NONE									
				REMARKS: Measure for CYL 13.00 mm from Bottom of Skirt. Clearance: 0.512 inch									
11-145		PAGE # 261											
4		85.000	91.10	39.00	6.10	2.00	66.00	84.970 Tolerance is +/- (mm inch) : 0.003 0.00012					
		3.346	3.587	1.535	0.240	0.079	2.598	YELLOW:	84.9630	85.2130	85.4630	85.7130	85.9630
PISTON RING #		Total Clearance											
SWT10040		mm	inch										
		-0.04	-0.00157										
		Cir Clip											
		NONE		SURFACE TREATMENT									
		T01		NONE									
				REMARKS: Measure for CYL 25.00 mm from Bottom of Skirt. Clearance: 0.984 inch									

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.		inch	inch	inch	inch	inch
PAGE #		263						84.980 Tolerance is +/- (mm inch) : 0.003 0.00012					
11-149	4	85.000	82.50	35.20	5.40	1.50	66.00	YELLOW:	84.9730	85.2230	85.4730	85.7230	85.9730
		3.346	3.248	1.386		0.213			0.059	2.598	3.34539	3.35524	3.36508
PISTON RING #		Total Clearance						RED:	84.9865	85.2365	85.4865	85.7365	85.9865
SWT10059		mm	inch						3.34593	3.35577	3.36561	3.37545	3.38530
		-0.04	-0.00157					BLUE:	84.9795	85.2295	85.4795	85.7295	85.9795
									3.34565	3.35549	3.36533	3.37518	3.38502
				Cir Clip		NONE		REMARKS: Measure for CYL Clearance: 30.00 mm from Bottom of Skirt. 1.181 inch					
				NONE		SURFACE TREATMENT							
				T01		NONE							
PAGE #		263						88.490 Tolerance is +/- (mm inch) : 0.003 0.00012					
11-153	4	88.500	84.80	39.80		2.00	75.00	YELLOW:	88.4830	88.7330	88.9830	89.2330	89.4830
		3.484	3.339	1.567		0.079			2.953	3.48358	3.49343	3.50327	3.51311
PISTON RING #		Total Clearance						RED:	88.4965	88.7465	88.9965	89.2465	89.4965
SWT10043		mm	inch						3.48411	3.49396	3.50380	3.51364	3.52348
		-0.04	-0.00157					BLUE:	88.4895	88.7395	88.9895	89.2395	89.4895
									3.48384	3.49368	3.50352	3.51337	3.52321
				Cir Clip		NONE		REMARKS: Measure for CYL Clearance: 20.00 mm from Bottom of Skirt. 0.787 inch					
				NONE		SURFACE TREATMENT							
				T01		NONE							
PAGE #		263						85.980 Tolerance is +/- (mm inch) : 0.0045 0.00018					
11-155	4	86.000	70.00	35.00	5.00	1.50	66.00	YELLOW:	85.9905	86.2405	86.4905	86.7405	86.9905
		3.386	2.756	1.378		0.197			0.059	2.598	3.38545	3.39530	3.40514
PISTON RING #		Total Clearance						RED:	85.9825	86.2325	86.4825	86.7325	86.9825
SWT10090		mm	inch						3.38514	3.39498	3.40482	3.41467	3.42451
		-0.04	-0.00157					BLUE:	85.9695	86.2195	86.4695	86.7195	86.9695
									3.38463	3.39447	3.40431	3.41415	3.42400
				Cir Clip		NONE		REMARKS: Measure for CYL Clearance: mm from Bottom of Skirt.					
				NONE		SURFACE TREATMENT							
				J05		NONE							
PAGE #		265						88.467 Tolerance is +/- (mm inch) : 0.0045 0.00018					
11-157	4	88.500	88.10	38.70	2.80	2.00	75.00	YELLOW:	88.4775	88.7275	88.9775	89.2275	89.4775
		3.484	3.469	1.524		0.110			0.079	2.953	3.48337	3.49321	3.50305
PISTON RING #		Total Clearance						RED:	88.4695	88.7195	88.9695	89.2195	89.4695
SWT10043		mm	inch						3.48305	3.49289	3.50274	3.51258	3.52242
		-0.04	-0.00157					BLUE:	88.4565	88.7065	88.9565	89.2065	89.4565
									3.48254	3.49238	3.50222	3.51207	3.52191
				Cir Clip		NONE		REMARKS: Measure for CYL Clearance: 20.00 mm from Bottom of Skirt. 0.787 inch					
				NONE		SURFACE TREATMENT							
				J05		NONE							

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-171		PAGE # 271											
6		90.000	95.50	47.50		3.00	80.00	89.980 Tolerance is +/- (mm inch) : 0.0045 0.00018					
		3.543	3.760	1.870		0.118	3.150	YELLOW: 89.9905 90.2405 90.4905 90.7405 90.9905 3.54293 3.55278 3.56262 3.57246 3.58230					
PISTON RING #		Total Clearance											
SWT10026		mm	inch										
		-0.04	-0.00157										
				Cir Clip		REMARKS:							
				NONE		SURFACE TREATMENT		Measure for CYL mm from Bottom of Skirt.					
				NONE		NONE		Clearance: inch					
				J05		NONE							
11-174		PAGE # 271											
6		94.000	95.50	47.22	+	6.50	72.00	93.970 Tolerance is +/- (mm inch) : 0.003 0.00012					
		3.701	3.760	1.859		0.256	2.835	YELLOW: 93.9630 94.2130 94.4630 94.7130 94.9630 3.69933 3.70917 3.71902 3.72886 3.73870					
PISTON RING #		Total Clearance											
SWT10049		mm	inch										
		-0.04	-0.00157										
				Cir Clip		REMARKS:							
				NONE		SURFACE TREATMENT		Measure for CYL 15.00 mm from Bottom of Skirt.					
				NONE		NONE		Clearance: 0.591 inch					
				T01		NONE							
11-175		PAGE # 271											
6		94.000	95.80	47.40	+	0.40	71.80	93.970 Tolerance is +/- (mm inch) : 0.01 0.00039					
		3.701	3.772	1.866		0.016	2.827	RED: 93.9600 94.2100 94.4600 94.7100 94.9600 3.69921 3.70906 3.71890 3.72874 3.73858					
PISTON RING #		Total Clearance											
SWT10049		mm	inch										
		-0.04	-0.00157										
				Cir Clip		REMARKS:							
				NONE		SURFACE TREATMENT		Measure for CYL 26.30 mm from Bottom of Skirt.					
				NONE		NONE		Clearance: 1.035 inch					
				T03		NONE							
11-236		PAGE # 233											
4		87.000	67.00	32.00	-	2.20	72.00	86.970 Tolerance is +/- (mm inch) : 0.003 0.00012					
		3.425	2.638	1.260		0.087	2.835	YELLOW: 86.9630 87.2130 87.4630 87.7130 87.9630 3.42374 3.43358 3.44343 3.45327 3.46311					
PISTON RING #		Total Clearance											
SWN30054		mm	inch										
		-0.04	-0.00157										
				Cir Clip		REMARKS:							
				NONE		SURFACE TREATMENT		Measure for CYL 10.00 mm from Bottom of Skirt.					
				NONE		NONE		Clearance: 0.394 inch					
				T01		NONE							

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-238		PAGE # 233											
4		89.000	70.40	33.80	4.00	2.00	66.50	89.000 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.504	2.772	1.331	-	0.157	0.079	2.618	YELLOW: 88.9775 89.2275 89.4775 89.7275 89.9775 3.50305 3.51289 3.52274 3.53258 3.54242				
PISTON RING #		Total Clearance											
		mm		inch				RED: 88.9675 89.2175 89.4675 89.7175 89.9675 3.50266 3.51250 3.52234 3.53219 3.54203					
SWN30085		-0.04		-0.00157		4.00		BLUE: 88.9625 89.2125 89.4625 89.7125 89.9625 3.50246 3.51230 3.52215 3.53199 3.54183					
						0.157		GREEN: 88.9725 89.2225 89.4725 89.7225 89.9725 3.50285 3.51270 3.52254 3.53238 3.54222					
				Cir Clip		NONE		REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch					
				NONE		SURFACE TREATMENT							
				C17		NONE							
11-239		PAGE # 267											
4		92.000	63.40	34.40	1.60	1.50	70.00	91.970 Tolerance is +/- (mm inch) : 0.0045 0.00018					
		3.622	2.496	1.354	-	0.059	2.756	YELLOW: 91.9805 92.2305 92.4805 92.7305 92.9805 3.62128 3.63112 3.64096 3.65081 3.66065					
PISTON RING #		Total Clearance											
		mm		inch				RED: 91.9725 92.2225 92.4725 92.7225 92.9725 3.62096 3.63081 3.64065 3.65049 3.66033					
SWT10103		-0.04		-0.00157		4.00		BLUE: 91.9595 92.2095 92.4595 92.7095 92.9595 3.62045 3.63030 3.64014 3.64998 3.65982					
						0.157		GREEN: 91.9675 92.2175 92.4675 92.7175 92.9675 3.62077 3.63061 3.64045 3.65030 3.66014					
				Cir Clip		NONE		REMARKS: Measure for CYL 26.00 mm from Bottom of Skirt. Clearance: 1.024 inch					
				NONE		SURFACE TREATMENT							
				J05		NONE							
11-241		PAGE # 267											
4		92.000	92.50	39.00	1.50	2.00	75.00	91.960 Tolerance is +/- (mm inch) : 0.0045 0.00018					
		3.622	3.642	1.535	+	0.059	2.953	YELLOW: 91.9705 92.2205 92.4705 92.7205 92.9705 3.62089 3.63073 3.64057 3.65041 3.66026					
PISTON RING #		Total Clearance											
		mm		inch				RED: 91.9625 92.2125 92.4625 92.7125 92.9625 3.62057 3.63041 3.64026 3.65010 3.65994					
SXT10077		-0.04		-0.00157		4.00		BLUE: 91.9495 92.1995 92.4495 92.6995 92.9495 3.62006 3.62990 3.63974 3.64959 3.65943					
						0.157		GREEN: 91.9575 92.2075 92.4575 92.7075 92.9575 3.62037 3.63022 3.64006 3.64990 3.65974					
				Cir Clip		NONE		REMARKS: Measure for CYL 32.00 mm from Bottom of Skirt. Clearance: 1.260 inch					
				NONE		SURFACE TREATMENT							
				J05		NONE							
11-502		PAGE # 3											
4		75.000	63.00	30.00	3.00	1.20	56.00	75.000 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		2.953	2.480	1.181	+	0.118	2.205	YELLOW: 74.9775 75.2275 75.4775 75.7275 75.9775 2.95187 2.96171 2.97156 2.98140 2.99124					
PISTON RING #		Total Clearance											
		mm		inch				RED: 74.9675 75.2175 75.4675 75.7175 75.9675 2.95148 2.96132 2.97116 2.98100 2.99085					
SWH30362		-0.04		-0.00157		2.00		BLUE: 74.9625 75.2125 75.4625 75.7125 75.9625 2.95128 2.96112 2.97096 2.98081 2.99065					
						0.079		GREEN: 74.9725 75.2225 75.4725 75.7225 75.9725 2.95167 2.96152 2.97136 2.98120 2.99104					
				Cir Clip		NONE		REMARKS: Measure for CYL 15.00 mm from Bottom of Skirt. Clearance: 0.591 inch					
				NONE		SURFACE TREATMENT							
				C17		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-514		PAGE # 157											
4		75.000	59.60	29.50	1.00	1.20	56.00	75.000 Tolerance is + / - (mm inch) : 0.0025 0.00010					
		2.953	2.346	1.161	-	0.039	0.047	2.205	YELLOW: 74.9775 75.2275 75.4775 75.7275 75.9775				2.99124
PISTON RING #		Total Clearance											
		mm	inch										
SWH30362		-0.04	-0.00157					1.50	RED: 74.9675 75.2175 75.4675 75.7175 75.9675				2.99085
								0.059	BLUE: 74.9625 75.2125 75.4625 75.7125 75.9625				2.99065
								2.80	GREEN: 74.9725 75.2225 75.4725 75.7225 75.9725				2.99104
								0.110	REMARKS:				
				Cir Clip		Measure for CYL Clearance: 30.00 mm from Bottom of Skirt.							
				NONE		Clearance: 1.181 inch							
				C17		SURFACE TREATMENT							
				NONE		NONE							
				C17		NONE							
11-515		PAGE # 157											
4		74.000	59.80	29.80	2.70	1.50	56.00	74.000 Tolerance is + / - (mm inch) : 0.0025 0.00010					
		2.913	2.354	1.173	-	0.106	0.059	2.205	YELLOW: 73.9775 74.2275 74.4775 74.7275 74.9775				2.95187
PISTON RING #		Total Clearance											
		mm	inch										
SWH30186		-0.04	-0.00157					1.50	RED: 73.9675 74.2175 74.4675 74.7175 74.9675				2.95148
								0.059	BLUE: 73.9625 74.2125 74.4625 74.7125 74.9625				2.95128
								4.00	GREEN: 73.9725 74.2225 74.4725 74.7225 74.9725				2.95167
								0.157	REMARKS:				
				Cir Clip		Measure for CYL Clearance: 17.50 mm from Bottom of Skirt.							
				NONE		Clearance: 0.689 inch							
				C17		SURFACE TREATMENT							
				NONE		NONE							
				C17		NONE							
11-518		PAGE # 157											
4		75.000	60.80	30.80		1.20	56.00	75.000 Tolerance is + / - (mm inch) : 0.0025 0.00010					
		2.953	2.394	1.213		0.047	2.205	YELLOW: 74.9775 75.2275 75.4775 75.7275 75.9775				2.99124	
PISTON RING #		Total Clearance											
		mm	inch										
SWH30365		-0.04	-0.00157					1.50	RED: 74.9675 75.2175 75.4675 75.7175 75.9675				2.99085
								0.059	BLUE: 74.9625 75.2125 75.4625 75.7125 75.9625				2.99065
								2.80	GREEN: 74.9725 75.2225 75.4725 75.7225 75.9725				2.99104
								0.110	REMARKS:				
				Cir Clip		Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.							
				NONE		Clearance: 0.394 inch							
				C17		SURFACE TREATMENT							
				NONE		NONE							
				C17		NONE							
11-519		PAGE # 159											
4		82.700	65.30	29.80	2.40	1.50	62.00	82.680 Tolerance is + / - (mm inch) : 0.0045 0.00018					
		3.256	2.571	1.173	-	0.094	0.059	2.441	YELLOW: 82.6905 82.9405 83.1905 83.4405 83.6905				3.29490
PISTON RING #		Total Clearance											
		mm	inch										
SWH30366		-0.04	-0.00157					1.50	RED: 82.6825 82.9325 83.1825 83.4325 83.6825				3.29459
								0.059	BLUE: 82.6695 82.9195 83.1695 83.4195 83.6695				3.29407
								4.00	GREEN: 82.6775 82.9275 83.1775 83.4275 83.6775				3.29439
								0.157	REMARKS:				
				Cir Clip		Measure for CYL Clearance: 30.00 mm from Bottom of Skirt.							
				NONE		Clearance: 1.181 inch							
				J05		SURFACE TREATMENT							
				NONE		NONE							
				J05		NONE							

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION								
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST 2ND OIL1 OIL2	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)		
		BORE	LENGTH	COMP.	+	DIST.				mm	mm	mm	mm	mm		
		mm inch	mm inch	mm inch	-	mm inch				mm inch	mm inch	mm inch	mm inch	mm inch		
11-520	4	PAGE # 159		82.700	65.20	29.80	-	1.70	1.50	61.00	82.680	Tolerance is + / - (mm inch) : 0.0045 0.00013				
		3.256	2.567	1.173	-	0.067	0.059	2.402	YELLOW:	82.6905		82.9405	83.1905	83.4405	83.6905	
		PISTON RING #		Total Clearance		-	2.90	1.50	20.00	RED:		82.6825	82.9325	83.1825	83.4325	83.6825
		SWH30366	mm	inch	0.11	0.059	mm	inch		BLUE:		3.25522	3.26506	3.27490	3.28474	3.29459
		-0.04	-0.00157	-	1.90	4.00	0.07	0.157	GREEN:	82.6695	82.9195	83.1695	83.4195	83.6695		
											3.25470	3.26455	3.27439	3.28423	3.29407	
											82.6775	82.9275	83.1775	83.4275	83.6775	
											3.25502	3.26486	3.27470	3.28455	3.29439	
											REMARKS: Measure for CYL Clearance: 0.00 mm from Bottom of Skirt. 0.000 inch					
11-521	4	PAGE # 157		74.000	59.70	29.70	-	3.30	1.00	56.00	74.000	Tolerance is + / - (mm inch) : 0.0025 0.00010				
		2.913	2.350	1.169	-	0.130	0.039	2.205	YELLOW:							
		PISTON RING #		Total Clearance			1.20		19.00	RED:						
		SWH30374	mm	inch	0.047	0.047	mm	inch		BLUE:						
		-0.04	-0.00157		2.80	0.110			GREEN:							
											REMARKS: Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch					
11-524	4	PAGE # 159		81.000	65.20	29.80	-	2.00	1.20	62.00	81.000	Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.189	2.567	1.173	-	0.079	0.047	2.441	YELLOW:	80.9775		81.2275	81.4775	81.7275	81.9775	
		PISTON RING #		Total Clearance			1.50		20.00	RED:		80.9675	81.2175	81.4675	81.7175	81.9675
		SWH30375	mm	inch	0.059	0.059	mm	inch		BLUE:		3.18770	3.19754	3.20738	3.21722	3.22707
		-0.04	-0.00157		2.80	0.110			GREEN:	80.9625	81.2125	81.4625	81.7125	81.9625		
											3.18750	3.19734	3.20719	3.21703	3.22687	
											80.9725	81.2225	81.4725	81.7225	81.9725	
											3.18789	3.19774	3.20758	3.21742	3.22726	
											REMARKS: Measure for CYL Clearance: 9.00 mm from Bottom of Skirt. 0.354 inch					
11-525	4	PAGE # 159		81.000	65.40	30.80	-	2.10	1.20	57.00	81.000	Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.189	2.575	1.213	-	0.083	0.047	2.244	YELLOW:	80.9775		81.2275	81.4775	81.7275	81.9775	
		PISTON RING #		Total Clearance			1.50		22.00	RED:		80.9675	81.2175	81.4675	81.7175	81.9675
		SWH30375	mm	inch	0.059	0.059	mm	inch		BLUE:		3.18770	3.19754	3.20738	3.21722	3.22707
		-0.04	-0.00157		2.80	0.110			GREEN:	80.9625	81.2125	81.4625	81.7125	81.9625		
											3.18750	3.19734	3.20719	3.21703	3.22687	
											80.9725	81.2225	81.4725	81.7225	81.9725	
											3.18789	3.19774	3.20758	3.21742	3.22726	
											REMARKS: Measure for CYL Clearance: 9.00 mm from Bottom of Skirt. 0.354 inch					

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm	
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch		
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID		
11-529	4	75.500	58.00	29.00	-	0.70	1.50	75.500	0.0025	0.0010	REMARKS:			
		2.972	2.283	1.142		0.028	0.059				2.362	Measure for CYL	7.00 mm	from Bottom of Skirt.
PISTON RING #		Total Clearance												
		mm	inch											
SWM31063		-0.04	-0.00157											
				Cir Clip		SURFACE TREATMENT								
				NONE		NONE								
				C17		NONE								
PAGE #		25	165	219										
11-530	4	75.500	58.60	29.40	-	3.60	1.50	75.500	0.0025	0.0010	REMARKS:			
		2.972	2.307	1.157		0.142	0.059				2.362	Measure for CYL	10.00 mm	from Bottom of Skirt.
PISTON RING #		Total Clearance												
		mm	inch											
SWM31063		-0.04	-0.00157											
				Cir Clip		SURFACE TREATMENT								
				NONE		NONE								
				C17		NONE								
PAGE #		25	165	29										
11-531	4	75.500	58.00	29.00	-	0.50	1.20	75.480	0.01	0.00039	REMARKS:			
		2.972	2.283	1.142		0.020	0.047				2.205	Measure for CYL	29.00 mm	from Bottom of Skirt.
PISTON RING #		Total Clearance												
		mm	inch											
SWM31076		-0.02	-0.00079											
				Cir Clip		SURFACE TREATMENT								
				NONE		NONE								
				T03		NONE								
PAGE #		25	219											
11-536	4	86.500	67.40	35.00	+	0.30	1.20	86.500	0.0025	0.00010	REMARKS:			
		3.406	2.654	1.378		0.012	0.047				2.441	Measure for CYL	10.00 mm	from Bottom of Skirt.
PISTON RING #		Total Clearance												
		mm	inch											
SWM31072		-0.04	-0.00157											
				Cir Clip		SURFACE TREATMENT								
				NONE		NONE								
				C17		NONE								
PAGE #		221												

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

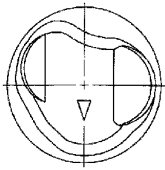
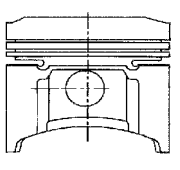
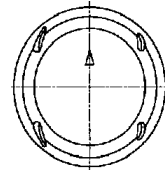
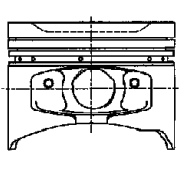
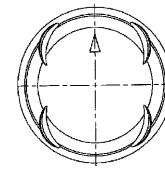
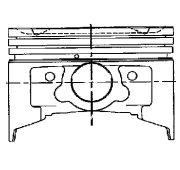
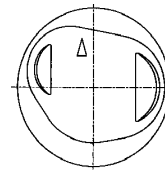
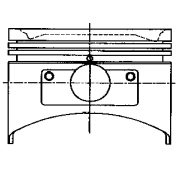
NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm	
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch		
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID		
11-538	4	86.500	72.40	34.90	+	0.50	1.50	72.00	86.500 Tolerance is + / - (mm inch) : 0.0025 0.00010					
		3.406	2.850	1.374		0.020	0.059		2.835	YELLOW:	86.4775	86.7275	86.9775	87.2275
PISTON RING #		Total Clearance				1.50			RED:	86.4675	86.7175	86.9675	87.2175	87.4675
SWM31037		mm	inch			0.059			BLUE:	3.40423	3.41407	3.42392	3.43376	3.44360
		-0.04	-0.00157			4.00	21.00		GREEN:	86.4625	86.7125	86.9625	87.2125	87.4625
						0.157	0.827		REMARKS:					
				Cir Clip				Measure for CYL		15.00 mm	from Bottom of Skirt.			
				NONE		SURFACE TREATMENT		Clearance:		0.591 inch				
				C17		NONE								
PAGE #		33	165											
11-539	4	85.000	72.30	35.20	-	5.00	1.50	72.00	84.954 Tolerance is + / - (mm inch) : 0.0045 0.00018					
		3.346	2.846	1.386		0.197	0.059		2.835	YELLOW:	84.9645	85.2145	85.4645	85.7145
PISTON RING #		Total Clearance				1.50			RED:	84.9565	85.2065	85.4565	85.7065	85.9565
SWM31044		mm	inch			0.059			BLUE:	3.34474	3.35459	3.36443	3.37427	3.38411
		-0.04	-0.00157			4.00	21.00		GREEN:	84.9435	85.1935	85.4435	85.6935	85.9435
						0.157	0.827		REMARKS:					
				Cir Clip				Measure for CYL		17.00 mm	from Bottom of Skirt.			
				NONE		SURFACE TREATMENT		Clearance:		0.669 inch				
				J05		NONE								
PAGE #		29	219											
11-540	4	85.000	67.00	35.00	-	2.10	1.20	66.00	85.000 Tolerance is + / - (mm inch) : 0.0025 0.00010					
		3.346	2.638	1.378		0.083	0.047		2.598	YELLOW:	84.9775	85.2275	85.4775	85.7275
PISTON RING #		Total Clearance				1.50			RED:	84.9675	85.2175	85.4675	85.7175	85.9675
SWM31048		mm	inch			0.059			BLUE:	3.34518	3.35502	3.36486	3.37470	3.38455
		-0.04	-0.00157			3.00	21.00		GREEN:	84.9625	85.2125	85.4625	85.7125	85.9625
						0.118	0.827		REMARKS:					
				Cir Clip				Measure for CYL		10.00 mm	from Bottom of Skirt.			
				NONE		SURFACE TREATMENT		Clearance:		0.394 inch				
				C17		NONE								
PAGE #		29	219											
11-543	6	91.100	66.50	32.00	+	0.50	1.20	64.00	91.100 Tolerance is + / - (mm inch) : 0.0025 0.00010					
		3.587	2.618	1.260		0.020	0.047		2.520	YELLOW:	91.0775	91.3275	91.5775	91.8275
PISTON RING #		Total Clearance				1.50			RED:	91.0675	91.3175	91.5675	91.8175	92.0675
SWM31078		mm	inch			0.059			BLUE:	3.58533	3.59518	3.60502	3.61486	3.62470
		-0.04	-0.00157			3.00	22.00		GREEN:	91.0625	91.3125	91.5625	91.8125	92.0625
						0.118	0.866		REMARKS:					
				Cir Clip				Measure for CYL		15.00 mm	from Bottom of Skirt.			
				NONE		SURFACE TREATMENT		Clearance:		0.591 inch				
				C17		NONE								
PAGE #		43	223											

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm	
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch		
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID		
11-545	4	80.600	72.00	34.00	+	4.00	1.50	80.600	Tolerance is + / - (mm inch) : 0.0025 0.00010					
		3.173	2.835	1.339		0.157	0.059		2.520	YELLOW:	80.5775	80.8275	81.0775	81.3275
PISTON RING #		Total Clearance												
		mm	inch											
SWM31041		-0.04	-0.00157											
				Cir Clip		SURFACE TREATMENT		REMARKS:						
				NONE		NONE		Measure for CYL 15.00 mm from Bottom of Skirt.						
				C17		NONE		Clearance: 0.591 inch						
PAGE #		25	219											
11-546	4	85.000	67.00	35.00	-	5.40	1.20	84.980	Tolerance is + / - (mm inch) : 0.0045 0.00018					
		3.346	2.638	1.378		0.213	0.047		2.598	YELLOW:	84.9905	85.2405	85.4905	85.7405
PISTON RING #		Total Clearance												
		mm	inch											
SWM31048		-0.04	-0.00157											
				Cir Clip		SURFACE TREATMENT		REMARKS:						
				NONE		NONE		Measure for CYL 26.00 mm from Bottom of Skirt.						
				J05		NONE		Clearance: 1.024 inch						
PAGE #		29	221											
11-547	6	91.100	65.90	31.90	-	3.40	1.20	91.080	Tolerance is + / - (mm inch) : 0.01 0.00039					
		3.587	2.594	1.256		0.134	0.047		2.520	RED:	91.0700	91.3200	91.5700	91.8200
PISTON RING #		Total Clearance												
		mm	inch											
SWM31078		-0.04	-0.00157											
				Cir Clip		SURFACE TREATMENT		REMARKS:						
				NONE		NONE		Measure for CYL 15.00 mm from Bottom of Skirt.						
				T03		NONE		Clearance: 0.591 inch						
PAGE #		43	223											
11-549	6	91.100	68.20	32.20	-	3.00	1.50	91.100	Tolerance is + / - (mm inch) : 0.0025 0.00010					
		3.587	2.685	1.268		0.118	0.059		2.520	YELLOW:	91.0775	91.3275	91.5775	91.8275
PISTON RING #		Total Clearance												
		mm	inch											
SWM31080		-0.04	-0.00157											
				Cir Clip		SURFACE TREATMENT		REMARKS:						
				NONE		NONE		Measure for CYL 8.00 mm from Bottom of Skirt.						
				C17		NONE		Clearance: 0.315 inch						
PAGE #		43	45	167	225									

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST 2ND OIL1 OIL2	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE mm inch	LENGTH mm inch	COMP. mm inch	DIST. mm inch	+				-	mm	mm	mm	mm	mm
											inch	inch	inch	inch	inch
11-554	4	89.300	81.00	39.00	-	5.20	1.50	77.00	YELLOW:	89.300 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.516	3.189	1.535						0.205	0.059	3.031	89.2775	89.5275	89.7775
PISTON RING #		Total Clearance					1.50	23.00	RED:						
SW10123		mm	inch			0.059	0.906			89.2675	89.5175	89.7675	90.0175	90.2675	
		-0.04	-0.00157			4.00		3.51447	3.52431	3.53415	3.54400	3.55384			
					Cir Clip			GREEN:							
					NONE	SURFACE TREATMENT		89.2725	89.5225	89.7725	90.0225	90.2725			
					C17	NONE		3.51467	3.52451	3.53435	3.54419	3.55404			
					REMARKS: Measure for CYL Clearance: 30.00 mm from Bottom of Skirt. 1.181 inch										
11-555	4	92.600	79.00	36.50	-	1.40	1.50	72.00	YELLOW:	92.600 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.646	3.110	1.437						0.055	0.059	2.835	92.5775	92.8275	93.0775
PISTON RING #		Total Clearance					1.50	23.00	RED:						
SW10162		mm	inch			0.059	0.906			92.5675	92.8175	93.0675	93.3175	93.5675	
		-0.04	-0.00157			4.00		3.64439	3.65423	3.66407	3.67392	3.68376			
					Cir Clip			BLUE:							
					NONE	SURFACE TREATMENT		92.5625	92.8125	93.0625	93.3125	93.5625			
					C17	NONE		3.64419	3.65404	3.66388	3.67372	3.68356			
					REMARKS: Measure for CYL Clearance: 25.00 mm from Bottom of Skirt. 0.984 inch										
11-558	4	88.000	80.10	37.00	-	2.00	1.50	77.00	YELLOW:	88.000 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.465	3.154	1.457						0.079	0.059	3.031	87.9775	88.2275	88.4775
PISTON RING #		Total Clearance					1.50	22.00	RED:						
SW10133		mm	inch			0.059	0.866			87.9675	88.2175	88.4675	88.7175	88.9675	
		-0.04	-0.00157			4.00		3.46329	3.47313	3.48297	3.49281	3.50266			
					Cir Clip			BLUE:							
					NONE	SURFACE TREATMENT		87.9625	88.2125	88.4625	88.7125	88.9625			
					C17	NONE		3.46309	3.47293	3.48278	3.49262	3.50246			
					REMARKS: Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch										
11-559	4	92.600	79.00	36.50	-	4.50	1.50	72.00	YELLOW:	92.600 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.646	3.110	1.437						0.177	0.059	2.835	92.5775	92.8275	93.0775
PISTON RING #		Total Clearance					1.50	23.00	RED:						
SW10162		mm	inch			0.059	0.906			92.5675	92.8175	93.0675	93.3175	93.5675	
		-0.04	-0.00157			4.00		3.64439	3.65423	3.66407	3.67392	3.68376			
					Cir Clip			BLUE:							
					NONE	SURFACE TREATMENT		92.5625	92.8125	93.0625	93.3125	93.5625			
					C17	NONE		3.64419	3.65404	3.66388	3.67372	3.68356			
					REMARKS: Measure for CYL Clearance: 25.00 mm from Bottom of Skirt. 0.984 inch										

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	CYL	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-573	4	86.000	71.40	36.50	9.50	1.50	67.00	YELLOW:	86.000 Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.386	2.811	1.437		0.374	0.059		2.638	85.9775	86.2275	86.4775	86.7275
PISTON RING #		Total Clearance				1.50		RED:	85.9675	86.2175	86.4675	86.7175	86.9675
SWT20048		mm	inch			0.059		BLUE:	3.38455	3.39439	3.40423	3.41407	3.42392
		-0.04	-0.00157			4.00	22.00	GREEN:	85.9625	86.2125	86.4625	86.7125	86.9625
						0.157	0.866		3.38435	3.39419	3.40404	3.41388	3.42372
				Cir Clip				REMARKS:	85.9725	86.2225	86.4725	86.7225	86.9725
				NONE		SURFACE TREATMENT		Measure for CYL	3.38474	3.39459	3.40443	3.41427	3.42411
				C17		NONE		Clearance:	15.00 mm from Bottom of Skirt. 0.591 inch				
PAGE #		201						90.000 Tolerance is +/- (mm inch) : 0.0025 0.00010					
11-575	6	90.000	74.00	35.50	3.60	1.50	77.00	YELLOW:	90.000 Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.543	2.913	1.398		0.142	0.059		3.031	89.9775	90.2275	90.4775	90.7275
PISTON RING #		Total Clearance				1.50		RED:	3.54242	3.55226	3.56211	3.57195	3.58179
SWT20062		mm	inch			0.059		BLUE:	89.9675	90.2175	90.4675	90.7175	90.9675
		-0.04	-0.00157			4.00	23.00	GREEN:	3.54203	3.55187	3.56171	3.57156	3.58140
				Cir Clip					89.9625	90.2125	90.4625	90.7125	90.9625
				NONE		SURFACE TREATMENT		REMARKS:	3.54183	3.55167	3.56152	3.57136	3.58120
				C17		Moly Skirt		Measure for CYL	89.9725	90.2225	90.4725	90.7225	90.9725
								Clearance:	3.54222	3.55207	3.56191	3.57175	3.58159
PAGE #		195						CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
11-579	4	78.000	63.50	32.30	1.30	1.50	62.00	YELLOW:	78.000 Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.071	2.500	1.272		0.051	0.059		2.441	77.9775	78.2275	78.4775	78.7275
PISTON RING #		Total Clearance				1.50		RED:	3.06998	3.07982	3.08967	3.09951	3.10935
SWT20060		mm	inch			0.059		BLUE:	77.9675	78.2175	78.4675	78.7175	78.9675
		-0.04	-0.00157			4.00	20.00	GREEN:	3.06959	3.07943	3.08927	3.09911	3.10896
				Cir Clip					77.9625	78.2125	78.4625	78.7125	78.9625
				NONE		SURFACE TREATMENT		REMARKS:	3.06939	3.07923	3.08907	3.09892	3.10876
				C17		NONE		Measure for CYL	77.9725	78.2225	78.4725	78.7225	78.9725
								Clearance:	3.06978	3.07963	3.08947	3.09931	3.10915
PAGE #		201						91.980 Tolerance is +/- (mm inch) : 0.003 0.00012					
11-580	4	92.000	74.50	36.50	9.50	1.50	63.00	YELLOW:	91.980 Tolerance is +/- (mm inch) : 0.003 0.00012				
		3.622	2.933	1.437		0.374	0.059		2.480	91.9730	92.2230	92.4730	92.7230
PISTON RING #		Total Clearance				1.50		RED:	3.62098	3.63083	3.64067	3.65051	3.66035
SWT20064		mm	inch			0.059		BLUE:	91.9865	92.2365	92.4865	92.7365	92.9865
		-0.04	-0.00157			4.00	23.00	GREEN:	3.62152	3.63136	3.64120	3.65104	3.66089
				Cir Clip					91.9795	92.2295	92.4795	92.7295	92.9795
				NONE		SURFACE TREATMENT		REMARKS:	3.62124	3.63108	3.64093	3.65077	3.66061
				T01		NONE		Measure for CYL	5.00 mm from Bottom of Skirt. 0.197 inch				

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION					
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	OIL1 OIL2	DIA. mm		inch	inch	inch	inch	inch
11-582	4	PAGE #	73	199				85.980 Tolerance is + / - (mm inch) : 0.003 0.00012					
		Total Clearance						mm	mm	mm	mm	mm	
		inch						inch	inch	inch	inch	inch	
PISTON RING #		SWT20048		Total Clearance				REMARKS:					
				mm				Measure for CYL					
				inch				Clearance: 15.00 mm from Bottom of Skirt.					
				-0.04				0.591 inch					
				-0.00157				3.41429					
				0.059				3.42413					
				0.157				3.42467					
				4.00				3.42439					
				0.157				3.42439					
				22.00									
				0.866									
				Cir Clip									
				NONE									
				SURFACE TREATMENT									
				NONE									
				T01									
				NONE									
11-583	4	PAGE #	73	199				86.000 Tolerance is + / - (mm inch) : 0.0025 0.00010					
		Total Clearance						mm	mm	mm	mm	mm	
		inch						inch	inch	inch	inch	inch	
PISTON RING #		SWT20048		Total Clearance				REMARKS:					
				mm				Measure for CYL					
				inch				Clearance: 10.00 mm from Bottom of Skirt.					
				-0.04				0.394 inch					
				-0.00157				3.41447					
				0.059				3.42431					
				0.157				3.42392					
				4.00				3.42372					
				0.157				3.42411					
				22.00									
				0.866									
				Cir Clip									
				NONE									
				SURFACE TREATMENT									
				NONE									
				C17									
				NONE									
11-584	4	PAGE #	197					83.000 Tolerance is + / - (mm inch) : 0.0025 0.00010					
		Total Clearance						mm	mm	mm	mm	mm	
		inch						inch	inch	inch	inch	inch	
PISTON RING #		SWT20066		Total Clearance				REMARKS:					
				mm				Measure for CYL					
				inch				Clearance: 10.00 mm from Bottom of Skirt.					
				-0.04				0.394 inch					
				-0.00157				3.29636					
				0.059				3.30581					
				0.118				3.30561					
				3.00				3.29616					
				0.118				3.30600					
				20.00									
				0.787									
				Cir Clip									
				NONE									
				SURFACE TREATMENT									
				NONE									
				C17									
				NONE									
11-589	4	PAGE #	71					70.980 Tolerance is + / - (mm inch) : 0.003 0.00012					
		Total Clearance						mm	mm	mm	mm	mm	
		inch						inch	inch	inch	inch	inch	
PISTON RING #		SWT20052		Total Clearance				REMARKS:					
				mm				Measure for CYL					
				inch				Clearance: 12.00 mm from Bottom of Skirt.					
				-0.04				0.472 inch					
				-0.00157				2.82427					
				0.059				2.83411					
				0.118				2.83384					
				3.00									
				0.118									
				20.00									
				0.787									
				Cir Clip									
				NONE									
				SURFACE TREATMENT									
				NONE									
				T01									
				NONE									

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
PAGE #		229											
11-590	4	76.000	54.00	29.50	-	5.20	1.50	YELLOW:	75.9775	76.2275	76.4775	76.7275	76.9775
		2.992	2.126	1.161		0.205	0.059		2.047	2.99124	3.00108	3.01093	3.02077
PISTON RING #		Total Clearance											
		mm	inch										
SWN30097		-0.04	-0.00157										
		Cir Clip	SURFACE TREATMENT		REMARKS:								
			NONE		Measure for CYL Clearance: 15.00 mm from Bottom of Skirt.								
		C17		NONE									
PAGE #		233											
11-598	4	89.000	68.30	34.00	-	6.60	1.50	RED:					
		3.504	2.689	1.339		0.260	0.059		2.421	88.9700	89.2200	89.4700	89.7200
PISTON RING #		Total Clearance											
		mm	inch										
SWN30096		-0.04	-0.00157										
		Cir Clip	SURFACE TREATMENT		REMARKS:								
			Anodized Head		Measure for CYL Clearance: 17.00 mm from Bottom of Skirt.								
		T03		NONE		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.							
PAGE #		233											
11-600	4	89.000	68.30	34.00	-	0.50	1.50	YELLOW:	88.9830	89.2330	89.4830	89.7330	89.9830
		3.504	2.689	1.339		0.020	0.059		2.323	3.50327	3.51311	3.52295	3.53280
PISTON RING #		Total Clearance											
		mm	inch										
SWN30096		-0.04	-0.00157										
		Cir Clip	SURFACE TREATMENT		REMARKS:								
			NONE		Measure for CYL Clearance: 5.00 mm from Bottom of Skirt.								
		C17		NONE									
PAGE #		229											
11-601	4	76.000	54.00	29.50	-	4.80	1.50	YELLOW:	75.9775	76.2275	76.4775	76.7275	76.9775
		2.992	2.126	1.161		0.189	0.059		2.047	2.99124	3.00108	3.01093	3.02077
PISTON RING #		Total Clearance											
		mm	inch										
SWN30104		-0.04	-0.00157										
		Cir Clip	SURFACE TREATMENT		REMARKS:								
			NONE		Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.								
		C17		NONE									

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	CYL	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm	
						OIL1	DIA.		inch	inch	inch	inch	inch	
mm	mm	mm	mm	mm	OIL2	mm	mm	mm	mm	mm	mm	mm		
inch	inch	inch	inch	inch			inch	inch	inch	inch	inch	inch		
PAGE #														
11-602	4	86.000	63.00	32.00	-	0.90	1.50	60.00	86.000 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.386	2.480	1.260		0.035	0.059		2.362	YELLOW:	85.9775	86.2275	86.4775	86.7275
PISTON RING #		Total Clearance												
SWN30102		mm	inch											
		-0.04	-0.00157											
		Cir Clip												
		C17		NONE										
PAGE #		77	169			237								
REMARKS:		Measure for CYL		10.00 mm		from Bottom of Skirt.								
		Clearance:		0.394 inch										
11-603	6	87.000	67.00	32.00		1.50	64.00	87.000 Tolerance is +/- (mm inch) : 0.0025 0.00010						
		3.425	2.638	1.260		0.059	2.520	YELLOW:	86.9775	87.2275	87.4775	87.7275	87.9775	
PISTON RING #		Total Clearance												
SWN30058		mm	inch											
		-0.04	-0.00157											
		Cir Clip												
		C17		NONE										
PAGE #		233												
REMARKS:		Measure for CYL		10.00 mm		from Bottom of Skirt.								
		Clearance:		0.394 inch										
11-609	4	89.000	68.30	34.00	-	6.60	1.50	61.50	88.980 Tolerance is +/- (mm inch) : 0.01 0.00039					
		3.504	2.689	1.339		0.260	0.059		2.421	RED:	88.9700	89.2200	89.4700	89.7200
PISTON RING #		Total Clearance												
SWN30118		mm	inch											
		-0.04	-0.00157											
		Cir Clip												
		C17		NONE										
PAGE #		233												
REMARKS:		Measure for CYL		17.00 mm		from Bottom of Skirt.								
		Clearance:		0.669 inch										
												CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.		
11-610	4	92.000	65.00	31.50		1.20	70.00	92.000 Tolerance is +/- (mm inch) : 0.0025 0.00010						
		3.622	2.559	1.240		0.047	2.756	YELLOW:	91.9775	92.2275	92.4775	92.7275	92.9775	
PISTON RING #		Total Clearance												
SWF20057		mm	inch											
		-0.04	-0.00157											
		Cir Clip												
		C17		NONE										
PAGE #		251												
REMARKS:		Measure for CYL		10.00 mm		from Bottom of Skirt.								
		Clearance:		0.394 inch										

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-612	4	96.900	68.10	33.30	-	2.60	1.20	YELLOW:	96.9775	97.2275	97.4775	97.7275	97.9775
		3.815	2.681	1.311		0.102	0.047		2.283	3.81801	3.82785	3.83770	3.84754
PISTON RING #		Total Clearance						RED:	96.9675	97.2175	97.4675	97.7175	97.9675
		mm	inch						3.81762	3.82746	3.83730	3.84715	3.85699
SWF20045		-0.04	-0.00157					BLUE:	96.9625	97.2125	97.4625	97.7125	97.9625
									3.81742	3.82726	3.83711	3.84695	3.85679
								GREEN:	96.9725	97.2225	97.4725	97.7225	97.9725
									3.81781	3.82766	3.83750	3.84734	3.85719
				Cir Clip				REMARKS:					
				NONE		SURFACE TREATMENT		Measure for CYL					
				NONE		NONE		Clearance: 10.00 mm from Bottom of Skirt.					
				C17		NONE							
PAGE #		253						97.000 Tolerance is +/- (mm inch): 0.0025 0.00010					
11-625	3	74.000	55.30	28.40	-	1.30	1.20	YELLOW:	73.9775	74.2275	74.4775	74.7275	74.9775
		2.913	2.177	1.118		0.051	0.047		2.559	2.91250	2.92234	2.93219	2.94203
PISTON RING #		Total Clearance						RED:	73.9675	74.2175	74.4675	74.7175	74.9675
		mm	inch						2.91211	2.92195	2.93179	2.94163	2.95148
SWS20141		-0.04	-0.00157					BLUE:	73.9625	74.2125	74.4625	74.7125	74.9625
									2.91191	2.92175	2.93159	2.94144	2.95128
								GREEN:	73.9725	74.2225	74.4725	74.7225	74.9725
									2.91230	2.92215	2.93199	2.94183	2.95167
				Cir Clip				REMARKS:					
				NONE		SURFACE TREATMENT		Measure for CYL					
				NONE		NONE		Clearance: 10.00 mm from Bottom of Skirt.					
				C17		NONE							
PAGE #		99 257						74.000 Tolerance is +/- (mm inch): 0.0025 0.00010					
11-626	4	74.000	56.20	29.30	-	4.80	1.20	YELLOW:	73.9730	74.2230	74.4730	74.7230	74.9730
		2.913	2.213	1.154		0.189	0.047		2.559	2.91232	2.92217	2.93201	2.94185
PISTON RING #		Total Clearance						RED:	73.9865	74.2365	74.4865	74.7365	74.9865
		mm	inch						2.91285	2.92270	2.93254	2.94238	2.95222
SWS20143		-0.03	-0.00118					BLUE:	73.9795	74.2295	74.4795	74.7295	74.9795
									2.91258	2.92242	2.93226	2.94211	2.95195
								GREEN:					
				Cir Clip				REMARKS:					
				NONE		SURFACE TREATMENT		Measure for CYL					
				NONE		NONE		Clearance: 12.00 mm from Bottom of Skirt.					
				T01		NONE							
PAGE #		257						73.980 Tolerance is +/- (mm inch): 0.003 0.00012					
11-627	4	74.000	56.20	29.20	-		1.20	RED:	73.9600	74.2100	74.4600	74.7100	74.9600
		2.913	2.213	1.150			0.047		2.402	2.91181	2.92165	2.93150	2.94134
PISTON RING #		Total Clearance						GREEN:	73.9800	74.2300	74.4800	74.7300	74.9800
		mm	inch						2.91260	2.92244	2.93228	2.94213	2.95197
SWS20143		-0.03	-0.00118					REMARKS:					
								Measure for CYL					
								Clearance: 14.00 mm from Bottom of Skirt.					
PAGE #		257						73.970 Tolerance is +/- (mm inch): 0.01 0.00039					

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm	
		mm	mm	mm	mm	OIL1	DIA.		inch	inch	inch	inch	inch	
		mm	mm	mm	mm	OIL2	mm	MID	MID	MID	MID	MID		
11-628	4	PAGE #	257					73.980	Tolerance is +/- (mm inch) : 0.0045 0.00018					
		BORE	74.000	55.30	28.30		1.20	62.00	YELLOW:	73.9905	74.2405	74.4905	74.7405	74.9905
		inch	2.913	2.177	1.114		0.047	2.441	RED:	2.91301	2.92285	2.93270	2.94254	2.95238
		Total Clearance						BLUE:	73.9825	74.2325	74.4825	74.7325	74.9825	
		mm	mm	inch				GREEN:	2.91270	2.92254	2.93238	2.94222	2.95207	
		SWS20143	-0.04	-0.00157		2.80	17.00			73.9695	74.2195	74.4695	74.7195	74.9695
						0.110	0.669			2.91219	2.92203	2.93187	2.94171	2.95156
					Cir Clip			REMARKS:	Measure for CYL Clearance: 7.50 mm from Bottom of Skirt.					
					NONE	SURFACE TREATMENT								
					J05	NONE								
11-629	4	PAGE #	99 257					75.000	Tolerance is +/- (mm inch) : 0.0025 0.00010					
		BORE	75.000	58.20	28.50		1.20	63.00	YELLOW:	74.9775	75.2275	75.4775	75.7275	75.9775
		inch	2.953	2.291	1.122		0.130	2.480	RED:	2.95187	2.96171	2.97156	2.98140	2.99124
		Total Clearance						BLUE:	74.9675	75.2175	75.4675	75.7175	75.9675	
		mm	mm	inch				GREEN:	2.95148	2.96132	2.97116	2.98100	2.99085	
		SWS20142	-0.04	-0.00157		2.80	19.00			74.9625	75.2125	75.4625	75.7125	75.9625
						0.110	0.748			2.95128	2.96112	2.97096	2.98081	2.99065
					Cir Clip			REMARKS:	Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
						SURFACE TREATMENT								
					C17	NONE								
11-630	4	PAGE #	101 257					74.970	Tolerance is +/- (mm inch) : 0.0045 0.00018					
		BORE	75.000	55.20	28.20		1.20	61.50	YELLOW:	74.9805	75.2305	75.4805	75.7305	75.9805
		inch	2.953	2.173	1.110		0.047	2.421	RED:	2.95199	2.96183	2.97167	2.98152	2.99136
		Total Clearance						BLUE:	74.9725	75.2225	75.4725	75.7225	75.9725	
		mm	mm	inch				GREEN:	2.95167	2.96152	2.97136	2.98120	2.99104	
		SWS20142	-0.04	-0.00157		2.80	19.00			74.9595	75.2095	75.4595	75.7095	75.9595
						0.110	0.748			2.95116	2.96100	2.97085	2.98069	2.99053
					Cir Clip			REMARKS:	Measure for CYL Clearance: 21.00 mm from Bottom of Skirt.					
						SURFACE TREATMENT								
					J05	NONE								
11-631	4	PAGE #	267					92.000	Tolerance is +/- (mm inch) : 0.0025 0.00010					
		BORE	92.000	86.20	49.20		2.00	74.00	YELLOW:	91.9775	92.2275	92.4775	92.7275	92.9775
		inch	3.622	3.394	1.937		0.079	2.913	RED:	3.62116	3.63100	3.64085	3.65069	3.66053
		Total Clearance						BLUE:	91.9675	92.2175	92.4675	92.7175	92.9675	
		mm	mm	inch				GREEN:	3.62077	3.63061	3.64045	3.65030	3.66014	
		SDT10089	-0.1016	-0.00400		4.00	29.00			91.9625	92.2125	92.4625	92.7125	92.9625
						0.157	1.142			3.62057	3.63041	3.64026	3.65010	3.65994
					Cir Clip			REMARKS:	Measure for CYL Clearance: 15.00 mm from Bottom of Skirt.					
						SURFACE TREATMENT								
					C17	NONE								

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-632	4	92.000	86.20	49.20	-	1.30	2.00	YELLOW:	0.0025	0.0010			
		3.622	3.394	1.937		0.051	0.079		2.913	91.9775	92.2275	92.4775	92.7275
PISTON RING #		Total Clearance						RED:	91.9675	92.2175	92.4675	92.7175	92.9675
		mm	inch						3.62077	3.63061	3.64045	3.65030	3.66014
SDT10089		-0.1016	-0.00400					BLUE:	91.9625	92.2125	92.4625	92.7125	92.9625
									3.62057	3.63041	3.64026	3.65010	3.65994
								GREEN:	91.9725	92.2225	92.4725	92.7225	92.9725
									3.62096	3.63081	3.64065	3.65049	3.66033
								REMARKS:					
								Measure for CYL		10.00 mm	from Bottom of Skirt.		
								Clearance:		0.394 inch			
11-634	4	90.000	99.00	52.00	-	1.40	2.00	YELLOW:	0.0045	0.0018			
		3.543	3.898	2.047		0.055	0.079		2.894	89.9605	90.2105	90.4605	90.7105
PISTON RING #		Total Clearance						RED:	89.9525	90.2025	90.4525	90.7025	90.9525
		mm	inch						3.54144	3.55128	3.56112	3.57096	3.58081
SDT10082		-0.1016	-0.00400					BLUE:	89.9395	90.1895	90.4395	90.6895	90.9395
									3.54093	3.55077	3.56061	3.57045	3.58030
								GREEN:	89.9475	90.1975	90.4475	90.6975	90.9475
									3.54124	3.55108	3.56093	3.57077	3.58061
								REMARKS:					
								Measure for CYL		32.00 mm	from Bottom of Skirt.		
								Clearance:		1.260 inch			
11-636	4	95.000	67.50	35.50	-	2.20	1.75	YELLOW:	0.0025	0.0010			
		3.740	2.657	1.398		0.087	0.069		2.756	94.9775	95.2275	95.4775	95.7275
PISTON RING #		Total Clearance						RED:	94.9675	95.2175	95.4675	95.7175	95.9675
		mm	inch						3.73888	3.74872	3.75856	3.76841	3.77825
SWT10127		-0.04	-0.00157					BLUE:	94.9625	95.2125	95.4625	95.7125	95.9625
									3.73868	3.74852	3.75837	3.76821	3.77805
								GREEN:	94.9725	95.2225	95.4725	95.7225	95.9725
									3.73907	3.74892	3.75876	3.76860	3.77844
								REMARKS:					
								Measure for CYL		15.00 mm	from Bottom of Skirt.		
								Clearance:		0.591 inch			
11-637	4	91.000	65.00	35.00	-	6.20	1.50	YELLOW:	0.01	0.00039			
		3.583	2.559	1.378		0.244	0.059		2.598				
PISTON RING #		Total Clearance						RED:	90.9600	91.2100	91.4600	91.7100	91.9600
		mm	inch						3.58110	3.59094	3.60079	3.61063	3.62047
SWT10111		-0.03	-0.00118					GREEN:	90.9800	91.2300	91.4800	91.7300	91.9800
									3.58189	3.59173	3.60157	3.61142	3.62126
								REMARKS:					
								Measure for CYL		15.50 mm	from Bottom of Skirt.		
								Clearance:		0.610 inch			

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-639	6	83.000	71.00	33.00	-	5.80	1.50	83.000	Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.268	2.795	1.299		0.228	0.059		2.598	YELLOW:	82.9775	83.2275	83.4775
PISTON RING #		Total Clearance				1.50		RED:	82.9675	83.2175	83.4675	83.7175	83.9675
SWT10115		mm	inch			0.059		BLUE:	3.26644	3.27628	3.28612	3.29596	3.30581
		-0.04	-0.00157			4.00	22.00	GREEN:	82.9625	83.2125	83.4625	83.7125	83.9625
						0.157	0.866		3.26624	3.27608	3.28593	3.29577	3.30561
									82.9725	83.2225	83.4725	83.7225	83.9725
									3.26663	3.27648	3.28632	3.29616	3.30600
									REMARKS:				
									Measure for CYL	10.00 mm	from Bottom of Skirt.		
									Clearance:	0.394 inch			
									CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.				
11-641	6	83.000	74.10	32.90	+	3.30	1.50	83.000	Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.268	2.917	1.295		0.130	0.059		2.598	YELLOW:	82.9775	83.2275	83.4775
PISTON RING #		Total Clearance				1.50		RED:	82.9675	83.2175	83.4675	83.7175	83.9675
SWT10079		mm	inch			0.059		BLUE:	3.26644	3.27628	3.28612	3.29596	3.30581
		-0.04	-0.00157			4.00	22.00	GREEN:	82.9625	83.2125	83.4625	83.7125	83.9625
						0.157	0.866		3.26624	3.27608	3.28593	3.29577	3.30561
									82.9725	83.2225	83.4725	83.7225	83.9725
									3.26663	3.27648	3.28632	3.29616	3.30600
									REMARKS:				
									Measure for CYL	15.00 mm	from Bottom of Skirt.		
									Clearance:	0.591 inch			
11-642	6	83.000	71.00	33.00	-	3.30	1.50	83.000	Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.268	2.795	1.299		0.130	0.059		2.598	YELLOW:	82.9775	83.2275	83.4775
PISTON RING #		Total Clearance				1.50		RED:	82.9675	83.2175	83.4675	83.7175	83.9675
SWT10079		mm	inch			0.059		BLUE:	3.26644	3.27628	3.28612	3.29596	3.30581
		-0.04	-0.00157			4.00	22.00	GREEN:	82.9625	83.2125	83.4625	83.7125	83.9625
						0.157	0.866		3.26624	3.27608	3.28593	3.29577	3.30561
									82.9725	83.2225	83.4725	83.7225	83.9725
									3.26663	3.27648	3.28632	3.29616	3.30600
									REMARKS:				
									Measure for CYL	10.00 mm	from Bottom of Skirt.		
									Clearance:	0.394 inch			
11-644	4	86.000	68.40	35.00	-	3.90	1.50	86.000	Tolerance is + / - (mm inch) : 0.0045 0.00018				
		3.386	2.693	1.378		0.154	0.059		2.598	YELLOW:	86.0105	86.2605	86.5105
PISTON RING #		Total Clearance				1.50		RED:	3.38593	3.39577	3.40561	3.41545	3.42530
SWT10090		mm	inch			0.059		BLUE:	86.0025	86.2525	86.5025	86.7525	87.0025
		-0.04	-0.00157			4.00	20.01	GREEN:	85.9895	86.2395	86.4895	86.7395	86.9895
						0.157	0.788		3.38541	3.39526	3.40510	3.41494	3.42478
									85.9975	86.2475	86.4975	86.7475	86.9975
									3.38573	3.39557	3.40541	3.41526	3.42510
									REMARKS:				
									Measure for CYL	7.00 mm	from Bottom of Skirt.		
									Clearance:	0.276 inch			

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm	
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch		
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID		
11-646	4	86.000	67.10	35.00	-	1.60	1.20	YELLOW:	85.9730	86.2230	86.4730	86.7230	86.9730	
		3.386	2.642	1.378		0.063	0.047		2.598	3.38476	3.39461	3.40445	3.41429	3.42413
PISTON RING #		Total Clearance				5.10	1.50	RED:	85.9865	86.2365	86.4865	86.7365	86.9865	
		mm	inch			0.20	0.059	3.38530	3.39514	3.40498	3.41482	3.42467		
SWT10141		-0.04	-0.00157				4.00	BLUE:	85.9795	86.2295	86.4795	86.7295	86.9795	
							0.157	3.38502	3.39486	3.40470	3.41455	3.42439		
		Cir Clip						REMARKS: Measure for CYL Clearance: 5.00 mm from Bottom of Skirt. 0.197 inch						
		SURFACE TREATMENT												
		NONE												
		T01												
11-647	4	86.000	62.10	35.10	-	0.80	1.20	85.980	Tolerance is +/- (mm inch) :				0.01	0.00039
		3.386	2.445	1.382		0.031	0.047		2.598					
PISTON RING #		Total Clearance				1.50	1.50	RED:	85.9700	86.2200	86.4700	86.7200	86.9700	
		mm	inch			0.059	0.059	3.38465	3.39449	3.40433	3.41417	3.42402		
SWT10141		-0.03	-0.00118				4.00							
							0.157	GREEN:	85.9900	86.2400	86.4900	86.7400	86.9900	
								3.38543	3.39528	3.40512	3.41496	3.42480		
		Cir Clip						REMARKS: Measure for CYL Clearance: 11.00 mm from Bottom of Skirt. 0.433 inch						
		SURFACE TREATMENT												
		NONE												
		T03												
11-648	4	86.000	67.10	35.10	-	5.00	1.20	86.000	Tolerance is +/- (mm inch) :				0.0025	0.00010
		3.386	2.642	1.382		0.197	0.047		2.598					
PISTON RING #		Total Clearance				1.50	1.50	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775	
		mm	inch			0.059	0.059	3.38494	3.39478	3.40463	3.41447	3.42431		
SWT10141		-0.03	-0.00118				4.00	RED:	85.9675	86.2175	86.4675	86.7175	86.9675	
							0.157	3.38455	3.39439	3.40423	3.41407	3.42392		
								BLUE:	85.9625	86.2125	86.4625	86.7125	86.9625	
								3.38435	3.39419	3.40404	3.41388	3.42372		
								GREEN:	85.9725	86.2225	86.4725	86.7225	86.9725	
								3.38474	3.39459	3.40443	3.41427	3.42411		
		Cir Clip						REMARKS: Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch						
		SURFACE TREATMENT												
		NONE												
		C17												
11-649	4	81.000	61.10	30.60	-	3.00	1.50	81.000	Tolerance is +/- (mm inch) :				0.0025	0.00010
		3.189	2.406	1.205		0.118	0.059		2.402					
PISTON RING #		Total Clearance				2.80	1.50	YELLOW:	80.9775	81.2275	81.4775	81.7275	81.9775	
		mm	inch			0.11	0.059	3.18809	3.19793	3.20778	3.21762	3.22746		
SWT10142		-0.04	-0.00157				3.00	RED:	80.9675	81.2175	81.4675	81.7175	81.9675	
							0.118	3.18770	3.19754	3.20738	3.21722	3.22707		
								BLUE:	80.9625	81.2125	81.4625	81.7125	81.9625	
								3.18750	3.19734	3.20719	3.21703	3.22687		
								GREEN:	80.9725	81.2225	81.4725	81.7225	81.9725	
								3.18789	3.19774	3.20758	3.21742	3.22726		
		Cir Clip						REMARKS: Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch						
		SURFACE TREATMENT												
		NONE												
		C17												

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION					
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	OIL1	DIA.		inch	inch	inch	inch	inch
11-650	4	73.000	62.00	30.00	-	2.90	1.50	73.000	Tolerance is +/- (mm inch) : 0.0025 0.00010	Tolerance is +/- (mm inch) : 0.0025 0.00010	Tolerance is +/- (mm inch) : 0.0025 0.00010	Tolerance is +/- (mm inch) : 0.0025 0.00010	Tolerance is +/- (mm inch) : 0.0025 0.00010
		2.874	2.441	1.181		0.114	0.059						
PISTON RING #		Total Clearance											
SWT10105		mm	inch										
		-0.04	-0.00157										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				C17		NONE							
PAGE #		261											
11-651	6	87.500	65.20	32.30	-	2.20	1.50	87.500	Tolerance is +/- (mm inch) : 0.0025 0.00010	Tolerance is +/- (mm inch) : 0.0025 0.00010	Tolerance is +/- (mm inch) : 0.0025 0.00010	Tolerance is +/- (mm inch) : 0.0025 0.00010	Tolerance is +/- (mm inch) : 0.0025 0.00010
		3.445	2.567	1.272		0.087	0.059						
PISTON RING #		Total Clearance											
SWT10148		mm	inch										
		-0.04	-0.00157										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				C17		NONE							
PAGE #		187 267											
11-653	6	87.500	62.60	33.70	-	3.80	1.50	87.500	Tolerance is +/- (mm inch) : 0.0045 0.00018	Tolerance is +/- (mm inch) : 0.0045 0.00018	Tolerance is +/- (mm inch) : 0.0045 0.00018	Tolerance is +/- (mm inch) : 0.0045 0.00018	Tolerance is +/- (mm inch) : 0.0045 0.00018
		3.445	2.465	1.327		0.150	0.059						
PISTON RING #		Total Clearance											
SWT10144		mm	inch										
		-0.04	-0.00157										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				J05		NONE							
PAGE #		269											
11-654	4	87.000	63.00	32.50	-	4.70	1.50	87.000	Tolerance is +/- (mm inch) : 0.0025 0.00010	Tolerance is +/- (mm inch) : 0.0025 0.00010	Tolerance is +/- (mm inch) : 0.0025 0.00010	Tolerance is +/- (mm inch) : 0.0025 0.00010	Tolerance is +/- (mm inch) : 0.0025 0.00010
		3.425	2.480	1.280		0.185	0.059						
PISTON RING #		Total Clearance											
SWT10133		mm	inch										
		-0.04	-0.00157										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				C17		NONE							
PAGE #		265											

REMARKS:
Measure for CYL
Clearance: 10.00 mm from Bottom of Skirt.
0.394 inch

REMARKS:
Measure for CYL
Clearance: 10.00 mm from Bottom of Skirt.
0.394 inch

CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.

REMARKS:
Measure for CYL
Clearance: 2.00 mm from Bottom of Skirt.
0.079 inch

REMARKS:
Measure for CYL
Clearance: 10.00 mm from Bottom of Skirt.
0.394 inch

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-656	4	74.000	58.60	29.70	+	0.70	1.20	YELLOW:	73.9775	74.2275	74.4775	74.7275	74.9775
		2.913	2.307	1.169		0.028	0.047		2.323	2.91250	2.92234	2.93219	2.94203
PISTON RING #		Total Clearance				0.20	1.20	RED:	73.9675	74.2175	74.4675	74.7175	74.9675
SWT10128		mm	inch			0.01	0.047		2.91211	2.92195	2.93179	2.94163	2.95148
		-0.04	-0.00157				3.00	BLUE:	73.9625	74.2125	74.4625	74.7125	74.9625
							0.118		2.91191	2.92175	2.93159	2.94145	2.95128
								GREEN:	73.9725	74.2225	74.4725	74.7225	74.9725
									2.91230	2.92215	2.93199	2.94183	2.95167
		Cir Clip						REMARKS:					
		NONE						Measure for CYL 10.00 mm from Bottom of Skirt.					
		C17						Clearance: 0.394 inch					
PAGE #		261											
11-657	4	87.000	63.00	32.60	-	5.00	1.50	YELLOW:	86.9775	87.2275	87.4775	87.7275	87.9775
		3.425	2.480	1.283		0.197	0.059		2.598	3.42431	3.43415	3.44400	3.45384
PISTON RING #		Total Clearance				1.50	1.50	RED:	86.9675	87.2175	87.4675	87.7175	87.9675
SWT10149		mm	inch			0.059	0.059		3.42392	3.43376	3.44360	3.45344	3.46329
		-0.04	-0.00157				3.00	BLUE:	86.9625	87.2125	87.4625	87.7125	87.9625
							0.118		3.42372	3.43356	3.44341	3.45325	3.46309
								GREEN:	86.9725	87.2225	87.4725	87.7225	87.9725
									3.42411	3.43396	3.44380	3.45364	3.46348
		Cir Clip						REMARKS:					
		NONE						Measure for CYL 10.00 mm from Bottom of Skirt.					
		C17						Clearance: 0.394 inch					
PAGE #		265											
11-659	4	81.000	64.80	30.00	-	4.00	1.50	YELLOW:	80.9905	81.2405	81.4905	81.7405	81.9905
		3.189	2.551	1.181		0.157	0.059		2.402	3.18860	3.19844	3.20829	3.21813
PISTON RING #		Total Clearance				5.00	1.50	RED:	80.9825	81.2325	81.4825	81.7325	81.9825
SWT10108		mm	inch			0.20	0.059		3.18829	3.19813	3.20797	3.21781	3.22766
		-0.04	-0.00157				2.80	BLUE:	80.9695	81.2195	81.4695	81.7195	81.9695
							0.110		3.18778	3.19762	3.20746	3.21730	3.22715
								GREEN:	80.9775	81.2275	81.4775	81.7275	81.9775
									3.18809	3.19793	3.20778	3.21762	3.22746
		Cir Clip						REMARKS:					
		NONE						Measure for CYL 0.00 mm from Bottom of Skirt.					
		J05						Clearance: 0.000 inch					
PAGE #		261											
11-660	4	81.000	64.50	30.50	+	0.30	1.50	YELLOW:	80.9775	81.2275	81.4775	81.7275	81.9775
		3.189	2.539	1.201		0.012	0.059		2.402	3.18809	3.19793	3.20778	3.21762
PISTON RING #		Total Clearance				1.50	1.50	RED:	80.9675	81.2175	81.4675	81.7175	81.9675
SWT10108		mm	inch			0.059	0.059		3.18770	3.19754	3.20738	3.21722	3.22707
		-0.04	-0.00157				2.80	BLUE:	80.9625	81.2125	81.4625	81.7125	81.9625
							0.110		3.18750	3.19734	3.20719	3.21703	3.22687
								GREEN:	80.9725	81.2225	81.4725	81.7225	81.9725
									3.18789	3.19774	3.20758	3.21742	3.22726
		Cir Clip						REMARKS:					
		NONE						Measure for CYL 10.00 mm from Bottom of Skirt.					
		C17						Clearance: 0.394 inch					
PAGE #		101		261									

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-661	6	87.500	62.20	34.00	-	3.40	1.50	YELLOW:	87.500	87.500	87.500	87.500	87.500
		3.445	2.449	1.339		0.134	0.059		2.441	87.4775	87.7275	87.9775	88.2275
PISTON RING #		Total Clearance						RED:	87.4675	87.7175	87.9675	88.2175	88.4675
SWT10144		mm	inch					BLUE:	3.44360	3.45344	3.46329	3.47313	3.48297
		-0.04	-0.00157					GREEN:	87.4625	87.7125	87.9625	88.2125	88.4625
									3.44341	3.45325	3.46309	3.47293	3.48278
									87.4725	87.7225	87.9725	88.2225	88.4725
									3.44380	3.45364	3.46348	3.47333	3.48317
								REMARKS:					
								Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
								0.394 inch					
11-665	3	74.000	55.70	28.70	-	2.10	1.20	RED:	73.9600	74.2100	74.4600	74.7100	74.9600
		2.913	2.193	1.130		0.083	0.047		2.559	2.91181	2.92165	2.93150	2.94134
PISTON RING #		Total Clearance						GREEN:	73.9800	74.2300	74.4800	74.7300	74.9800
SWS20144		mm	inch						2.91260	2.92244	2.93228	2.94213	2.95197
		-0.03	-0.00118					REMARKS:					
								Measure for CYL Clearance: 13.80 mm from Bottom of Skirt.					
								0.543 inch					
11-673	6	94.000	79.70	37.40	+	0.30	2.00	RED:	93.9600	94.2100	94.4600	94.7100	94.9600
		3.701	3.138	1.472		0.012	0.079		2.953	3.69921	3.70906	3.71890	3.72874
PISTON RING #		Total Clearance						GREEN:	93.9800	94.2300	94.4800	94.7300	94.9800
SWT10151		mm	inch						3.70000	3.70984	3.71969	3.72953	3.73937
		-0.03	-0.00118					REMARKS:					
								Measure for CYL Clearance: 27.50 mm from Bottom of Skirt.					
								1.083 inch					
11-675	6	87.000	64.50	32.00			1.50	YELLOW:	86.9775	87.2275	87.4775	87.7275	87.9775
		3.425	2.539	1.260		0.059	2.638		3.42431	3.43415	3.44400	3.45384	3.46368
PISTON RING #		Total Clearance						RED:	86.9675	87.2175	87.4675	87.7175	87.9675
SWN30058		mm	inch					BLUE:	3.42392	3.43376	3.44360	3.45344	3.46329
		-0.04	-0.00157					GREEN:	86.9625	87.2125	87.4625	87.7125	87.9625
									3.42372	3.43356	3.44341	3.45325	3.46309
									86.9725	87.2225	87.4725	87.7225	87.9725
									3.42411	3.43396	3.44380	3.45364	3.46348
								REMARKS:					
								Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
								0.394 inch					

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-676	4	89.000	68.30	34.00	-	0.60	1.50	YELLOW:	89.000 Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.504	2.689	1.339		0.024	0.059		66.50	88.9775	89.2275	89.4775	89.7275
PISTON RING #		Total Clearance					1.50	RED:	88.9675	89.2175	89.4675	89.7175	89.9675
SWN30118		mm	inch				0.059	3.50266	3.51250	3.52234	3.53219	3.54203	3.54203
		-0.04	-0.00157				2.80	BLUE:	88.9625	89.2125	89.4625	89.7125	89.9625
							0.110	3.50246	3.51230	3.52215	3.53199	3.54183	3.54183
		Cir Clip						GREEN:	88.9725	89.2225	89.4725	89.7225	89.9725
		NONE						3.50285	3.51270	3.52254	3.53238	3.54222	3.54222
		C17						REMARKS: Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch					
PAGE # 233													
11-677	4	92.000	63.80	34.80	-	5.30	1.50	YELLOW:	92.000 Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.622	2.512	1.370		0.209	0.059		73.00	91.9775	92.2275	92.4775	92.7275
PISTON RING #		Total Clearance					1.50	RED:	91.9675	92.2175	92.4675	92.7175	92.9675
SWT10103		mm	inch				0.059	3.62077	3.63061	3.64045	3.65030	3.66014	3.66014
		-0.04	-0.00157				4.00	BLUE:	91.9625	92.2125	92.4625	92.7125	92.9625
							0.157	3.62057	3.63041	3.64026	3.65010	3.65994	3.65994
		Cir Clip						GREEN:	91.9725	92.2225	92.4725	92.7225	92.9725
		NONE						3.62096	3.63081	3.64065	3.65049	3.66033	3.66033
		C17						REMARKS: Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch					
PAGE # 267													
11-678	4	85.000	65.30	30.80	-	3.70	1.20	YELLOW:	85.000 Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.346	2.571	1.213		0.146	0.047		57.00	84.9775	85.2275	85.4775	85.7275
PISTON RING #		Total Clearance					1.20	RED:	84.9675	85.2175	85.4675	85.7175	85.9675
SWH30383		mm	inch				0.047	3.34518	3.35502	3.36486	3.37470	3.38455	3.38455
		-0.04	-0.00157				2.80	BLUE:	84.9625	85.2125	85.4625	85.7125	85.9625
							0.110	3.34498	3.35482	3.36467	3.37451	3.38435	3.38435
		Cir Clip						GREEN:	84.9725	85.2225	85.4725	85.7225	85.9725
		NONE						3.34537	3.35522	3.36506	3.37490	3.38474	3.38474
		C17						REMARKS: Measure for CYL Clearance: 20.00 mm from Bottom of Skirt. 0.787 inch					
PAGE # 161													
11-679	4	75.000	60.00	30.00	-	3.50	1.20	YELLOW:	74.980 Tolerance is + / - (mm inch) : 0.0045 0.00018				
		2.953	2.362	1.181		0.138	0.047		56.00	74.9905	75.2405	75.4905	75.7405
PISTON RING #		Total Clearance					1.50	RED:	74.9825	75.2325	75.4825	75.7325	75.9825
SWH30362		mm	inch				0.059	2.95207	2.96191	2.97175	2.98159	2.99144	2.99144
		-0.04	-0.00157				2.80	BLUE:	74.9695	75.2195	75.4695	75.7195	75.9695
							0.110	2.95156	2.96140	2.97124	2.98108	2.99093	2.99093
		Cir Clip						GREEN:	74.9775	75.2275	75.4775	75.7275	75.9775
		NONE						2.95187	2.96171	2.97156	2.98140	2.99124	2.99124
		J05						REMARKS: Measure for CYL Clearance: 27.00 mm from Bottom of Skirt. 1.063 inch					
PAGE # 157													

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE mm inch	LENGTH mm inch	COMP. mm inch	DIST. mm inch	+	2ND	LENGTH		mm	mm	mm	mm	mm
							OIL1	DIA.		inch	inch	inch	inch	inch
PAGE #		231												
11-680	4	76.000	54.30	29.70	-	4.70	1.50	52.00	75.980	Tolerance is +/- (mm inch) : 0.01 0.00039				
		2.992	2.138	1.169						0.185	0.059	2.047		
PISTON RING #		Total Clearance												
SWN30116		mm	inch											
		-0.03	-0.00118											
				Cir Clip										
						SURFACE TREATMENT								
						Anodized Head								
				T01		NONE								
PAGE #		237												
11-681	6	87.000	67.80	31.85	+	0.80	1.50	64.00	87.000	Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.425	2.669	1.254						0.031	0.059	2.520		
PISTON RING #		Total Clearance												
SWN30058		mm	inch											
		-0.04	-0.00157											
				Cir Clip										
						SURFACE TREATMENT								
						NONE								
				C17		NONE								
PAGE #		3 175												
11-685	6	93.400	65.20	31.70			1.50	66.00	93.500	Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.677	2.567	1.248						0.059	0.059	2.598		
PISTON RING #		Total Clearance												
SWI10185		mm	inch											
		-0.04	-0.00157											
				Cir Clip										
				NONE		SURFACE TREATMENT								
						NONE								
				C17		NONE								
PAGE #		163 175												
11-686	6	93.400	65.20	31.70			1.50	66.00	93.500	Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.677	2.567	1.248						0.059	0.059	2.598		
PISTON RING #		Total Clearance												
SWI10185		mm	inch											
		-0.04	-0.00157											
				Cir Clip										
				NONE		SURFACE TREATMENT								
						NONE								
				C17		NONE								

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-689	4	76.000	60.70	30.70	-	0.50	1.20	58.00	76.000 Tolerance is + / - (mm inch) : 0.0025 0.00010				
		2.992	2.390	1.209		0.020	0.047		2.283	YELLOW:	75.9775	76.2275	76.4775
PISTON RING #		Total Clearance											
		mm	inch										
SWD10031		-0.04	-0.00157										
				Cir Clip		NONE		SURFACE TREATMENT		NONE		NONE	
				C17		NONE		REMARKS:		Measure for CYL Clearance: 15.00 mm 0.591 inch		from Bottom of Skirt.	
PAGE #		67											
11-690	4	81.500	67.00	35.00	-	1.00	1.20	66.00	81.500 Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.209	2.638	1.378		0.039	0.047		2.598	YELLOW:	81.4775	81.7275	81.9775
PISTON RING #		Total Clearance											
		mm	inch										
SWM31058		-0.04	-0.00157										
				Cir Clip		NONE		SURFACE TREATMENT		NONE		NONE	
				C17		NONE		REMARKS:		Measure for CYL Clearance: 20.00 mm 0.787 inch		from Bottom of Skirt.	
PAGE #		165											
11-691	4	75.500	54.30	31.40	-	0.70	1.50	47.50	75.500 Tolerance is + / - (mm inch) : 0.0025 0.00010				
		2.972	2.138	1.236		0.028	0.059		1.870	YELLOW:	75.4775	75.7275	75.9775
PISTON RING #		Total Clearance											
		mm	inch										
SWG30017		-0.04	-0.00157										
				Cir Clip		NONE		SURFACE TREATMENT		NONE		NONE	
				C17		NONE		REMARKS:		Measure for CYL Clearance: 10.00 mm 0.394 inch		from Bottom of Skirt.	
PAGE #		165											
11-692	4	85.000	67.00	35.00	-	2.10	1.20	66.00	85.000 Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.346	2.638	1.378		0.083	0.047		2.598	YELLOW:	84.9775	85.2275	85.4775
PISTON RING #		Total Clearance											
		mm	inch										
SWM31071		-0.04	-0.00157										
				Cir Clip		NONE		SURFACE TREATMENT		NONE		NONE	
				C17		NONE		REMARKS:		Measure for CYL Clearance: 10.00 mm 0.394 inch		from Bottom of Skirt.	
PAGE #		165											

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
						OIL1	DIA.		inch	inch	inch	inch	inch
mm	mm	mm	mm	OIL2	mm	mm	mm	mm	mm	mm	mm	mm	
inch	inch	inch	inch					inch	inch	inch	inch	inch	
PAGE #		165						82.000		Tolerance is +/- (mm inch) :		0.0045	0.00018
11-693	4	82.000	63.20	31.10	2.10	1.20	59.00	YELLOW:	82.0105	82.2605	82.5105	82.7605	83.0105
		3.228	2.488	1.224	0.083	0.047	2.323			3.22876	3.23860	3.24844	3.25829
PISTON RING #		Total Clearance						RED:	82.0025	82.2525	82.5025	82.7525	83.0025
		mm		inch						3.22844	3.23829	3.24813	3.25797
NA		-0.04		-0.00157				BLUE:	81.9895	82.2395	82.4895	82.7395	82.9895
										3.22793	3.23778	3.24762	3.25746
								GREEN:	81.9975	82.2475	82.4975	82.7475	82.9975
										3.22825	3.23809	3.24793	3.25778
				Cir Clip				REMARKS:					
				NONE		SURFACE TREATMENT		Measure for CYL					
				NONE		NONE		Clearance: 24.00 mm from Bottom of Skirt.					
				J05		NONE							
PAGE #		175						87.970		Tolerance is +/- (mm inch) :		0.0045	0.00018
11-696	4	88.000	82.40	47.60	2.60	2.00	68.00	YELLOW:	87.9805	88.2305	88.4805	88.7305	88.9805
		3.465	3.244	1.874	0.102	0.079	2.677			3.46380	3.47364	3.48348	3.49333
PISTON RING #		Total Clearance						RED:	87.9725	88.2225	88.4725	88.7225	88.9725
		mm		inch						3.46348	3.47333	3.48317	3.49301
SDI10101		-0.1016		-0.00400				BLUE:	87.9595	88.2095	88.4595	88.7095	88.9595
										3.46297	3.47281	3.48266	3.49250
								GREEN:	87.9675	88.2175	88.4675	88.7175	88.9675
										3.46329	3.47313	3.48297	3.49281
				Cir Clip				REMARKS:					
						SURFACE TREATMENT		Measure for CYL					
				NONE		NONE		Clearance: mm from Bottom of Skirt.					
				J05		NONE							
PAGE #		181						85.960		Tolerance is +/- (mm inch) :		0.003	0.00012
11-699	4	86.000	71.00	36.00	0.70	1.50	71.50	YELLOW:	85.9530	86.2030	86.4530	86.7030	86.9530
		3.386	2.795	1.417	0.028	0.059	2.815			3.38398	3.39382	3.40366	3.41350
PISTON RING #		Total Clearance						RED:	85.9665	86.2165	86.4665	86.7165	86.9665
		mm		inch						3.38451	3.39435	3.40419	3.41404
SWT20048*		-0.04		-0.00157				BLUE:	85.9595	86.2095	86.4595	86.7095	86.9595
										3.38423	3.39407	3.40392	3.41376
								GREEN:					
				Cir Clip				REMARKS:					
						SURFACE TREATMENT		Measure for CYL					
				NONE		NONE		Clearance: 18.00 mm from Bottom of Skirt.					
				T01		NONE							
PAGE #		197						85.970		Tolerance is +/- (mm inch) :		0.01	0.00039
11-701	4	86.000	86.40	47.30	1.50	2.00	68.00	RED:	85.9600	86.2100	86.4600	86.7100	86.9600
		3.386	3.402	1.862	0.059	0.079	2.677			3.38425	3.39409	3.40394	3.41378
PISTON RING #		Total Clearance						GREEN:	85.9800	86.2300	86.4800	86.7300	86.9800
		mm		inch						3.38504	3.39488	3.40472	3.41457
SDT20055		-0.1016		-0.00400				REMARKS:					
								Measure for CYL					
								Clearance: 20.00 mm from Bottom of Skirt.					
				Cir Clip									
						SURFACE TREATMENT							
				NONE		NONE							
				T03		NONE							

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	OIL1	DIA.		inch	inch	inch	inch	inch
11-703	4	PAGE #	181	197				83.000 Tolerance is + / - (mm inch) : 0.0025 0.00010					
		83.000 3.268	61.50 2.421	30.60 1.205	+ 0.020	1.50 0.059	70.00 2.756	YELLOW:	82.9775 3.26683	83.2275 3.27667	83.4775 3.28652	83.7275 3.29636	83.9775 3.30620
PISTON RING #		Total Clearance						RED:	82.9675 3.26644	83.2175 3.27628	83.4675 3.28612	83.7175 3.29596	83.9675 3.30581
SWT20066		mm	inch					BLUE:	82.9625 3.26624	83.2125 3.27608	83.4625 3.28593	83.7125 3.29577	83.9625 3.30561
		-0.04	-0.00157					GREEN:	82.9725 3.26663	83.2225 3.27648	83.4725 3.28632	83.7225 3.29616	83.9725 3.30600
				Cir Clip				REMARKS: Measure for CYL Clearance: 15.00 mm from Bottom of Skirt. 0.591 inch					
				SURFACE TREATMENT									
				NONE									
				C17									
11-704	6	PAGE #	201					89.990 Tolerance is + / - (mm inch) : 0.003 0.00012					
		90.000 3.543	71.30 2.807	35.70 1.406	- 0.142	1.50 0.059	63.00 2.480	YELLOW:	89.9830 3.54264	90.2330 3.55248	90.4830 3.56232	90.7330 3.57217	90.9830 3.58201
PISTON RING #		Total Clearance						RED:	89.9965 3.54317	90.2465 3.55301	90.4965 3.56285	90.7465 3.57270	90.9965 3.58254
SWT20062		mm	inch					BLUE:	89.9895 3.54289	90.2395 3.55274	90.4895 3.56258	90.7395 3.57242	90.9895 3.58226
		-0.04	-0.00157										
				Cir Clip				REMARKS: Measure for CYL Clearance: 5.00 mm from Bottom of Skirt. 0.197 inch					
				SURFACE TREATMENT									
				NONE									
				T01									
11-706	4	PAGE #	73	197				83.000 Tolerance is + / - (mm inch) : 0.0025 0.00010					
		83.000 3.268	53.80 2.118	30.00 1.181	- 0.331	1.20 0.047	58.00 2.283	YELLOW:	82.9775 3.26683	83.2275 3.27667	83.4775 3.28652	83.7275 3.29636	83.9775 3.30620
PISTON RING #		Total Clearance						RED:	82.9675 3.26644	83.2175 3.27628	83.4675 3.28612	83.7175 3.29596	83.9675 3.30581
SWF30001 SWT20078		mm	inch					BLUE:	82.9625 3.26624	83.2125 3.27608	83.4625 3.28593	83.7125 3.29577	83.9625 3.30561
		-0.04	-0.00157					GREEN:	82.9725 3.26663	83.2225 3.27648	83.4725 3.28632	83.7225 3.29616	83.9725 3.30600
				Cir Clip				REMARKS: Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch					
				SURFACE TREATMENT									
				NONE									
				C17									
11-707	6	PAGE #	45	225				91.080 Tolerance is + / - (mm inch) : 0.003 0.00012					
		91.100 3.587	66.00 2.598	32.00 1.260	- 0.091	1.20 0.047	64.00 2.520	YELLOW:	91.0730 3.58555	91.3230 3.59539	91.5730 3.60524	91.8230 3.61508	92.0730 3.62492
PISTON RING #		Total Clearance						RED:	91.0865 3.58608	91.3365 3.59593	91.5865 3.60577	91.8365 3.61561	92.0865 3.62545
SWM31078		mm	inch					BLUE:	91.0795 3.58581	91.3295 3.59565	91.5795 3.60549	91.8295 3.61533	92.0795 3.62518
		-0.04	-0.00157										
				Cir Clip				REMARKS: Measure for CYL Clearance: 16.00 mm from Bottom of Skirt. 0.630 inch					
				SURFACE TREATMENT									
				NONE									
				T01									

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-709	4	86.500	67.10	35.00	-	4.30	1.20	86.495	Tolerance is +/- (mm inch) : 0.003 0.00012				
		3.406	2.642	1.378		0.169	0.047		2.441	YELLOW:	86.4880	86.7380	86.9880
PISTON RING #		Total Clearance						RED:	86.5015	86.7515	87.0015	87.2515	87.5015
SWM31116		mm	inch					BLUE:	3.40557	3.41541	3.42526	3.43510	3.44494
		-0.03	-0.00118					GREEN:	86.4945	86.7445	86.9945	87.2445	87.4945
									3.40530	3.41514	3.42498	3.43482	3.44467
				Cir Clip				REMARKS:					
				NONE		SURFACE TREATMENT		Measure for CYL 12.00 mm from Bottom of Skirt.					
				T01		NONE		Clearance: 0.472 inch					
PAGE #		33		223									
11-711	4	93.000	58.30	30.20	-	0.40	1.20	92.980	Tolerance is +/- (mm inch) : 0.0045 0.00018				
		3.661	2.295	1.189		0.016	0.047		2.283	YELLOW:	92.9905	93.2405	93.4905
PISTON RING #		Total Clearance						RED:	92.9825	93.2325	93.4825	93.7325	93.9825
SWN30115		mm	inch					BLUE:	3.66073	3.67057	3.68041	3.69026	3.70010
		-0.04	-0.00157					GREEN:	92.9695	93.2195	93.4695	93.7195	93.9695
									3.66022	3.67006	3.67990	3.68974	3.69959
				Cir Clip				REMARKS:					
				NONE		SURFACE TREATMENT		Measure for CYL 14.00 mm from Bottom of Skirt.					
				J05		NONE		Clearance: 0.551 inch					
PAGE #		101		263									
11-713	4	81.000	56.00	30.50	-	3.40	1.20	81.000	Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.189	2.205	1.201		0.134	0.047		2.205	YELLOW:	80.9775	81.2275	81.4775
PISTON RING #		Total Clearance						RED:	80.9675	81.2175	81.4675	81.7175	81.9675
SWT10156		mm	inch					BLUE:	3.18770	3.19754	3.20738	3.21722	3.22707
		-0.04	-0.00157					GREEN:	80.9625	81.2125	81.4625	81.7125	81.9625
									3.18750	3.19734	3.20719	3.21703	3.22687
				Cir Clip				REMARKS:					
				NONE		SURFACE TREATMENT		Measure for CYL 10.00 mm from Bottom of Skirt.					
				C17		NONE		Clearance: 0.394 inch					
PAGE #		101		261									
11-714	4	81.000	55.60	30.50	-	2.50	1.20	81.000	Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.189	2.189	1.201		0.098	0.047		2.205	YELLOW:	80.9775	81.2275	81.4775
PISTON RING #		Total Clearance						RED:	80.9675	81.2175	81.4675	81.7175	81.9675
SWT10156		mm	inch					BLUE:	3.18770	3.19754	3.20738	3.21722	3.22707
		-0.04	-0.00157					GREEN:	80.9625	81.2125	81.4625	81.7125	81.9625
									3.18750	3.19734	3.20719	3.21703	3.22687
				Cir Clip				REMARKS:					
				NONE		SURFACE TREATMENT		Measure for CYL 15.00 mm from Bottom of Skirt.					
				C17		NONE		Clearance: 0.591 inch					
PAGE #		101		261									

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-716	6	84.500	55.90	29.20	-	1.70	61.00	YELLOW:	84.4905	84.7405	84.9905	85.2405	85.4905
		3.327	2.201	1.150		0.067	0.059		2.402	3.32640	3.33624	3.34608	3.35593
PISTON RING #		Total Clearance					1.50	RED:	84.4825	84.7325	84.9825	85.2325	85.4825
SWT20073		mm	inch			0.059	0.059		3.32608	3.33593	3.34577	3.35561	3.36545
		-0.04	-0.00157				3.00	BLUE:	84.4695	84.7195	84.9695	85.2195	85.4695
						0.118	0.118		3.32557	3.33541	3.34526	3.35510	3.36494
				Cir Clip			19.98	GREEN:	84.4775	84.7275	84.9775	85.2275	85.4775
				NONE			0.787		3.32589	3.33573	3.34557	3.35541	3.36526
				SURFACE TREATMENT				REMARKS:					
				NONE				Measure for CYL 11.00 mm from Bottom of Skirt.					
				J05				Clearance: 0.433 inch					
				Moly Skirt				CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		29	221					84.980	Tolerance is +/- (mm inch): 0.003 0.00012				
11-718	4	85.000	67.00	35.00	-	2.20	62.00	YELLOW:	84.9730	85.2230	85.4730	85.7230	85.9730
		3.346	2.638	1.378		0.087	0.047		2.441	3.34539	3.35524	3.36508	3.37492
PISTON RING #		Total Clearance					1.50	RED:	84.9865	85.2365	85.4865	85.7365	85.9865
SWM31071		mm	inch			0.142	0.059		3.34593	3.35577	3.36561	3.37545	3.38530
		-0.04	-0.00157				3.00	BLUE:	84.9795	85.2295	85.4795	85.7295	85.9795
						0.118	0.118		3.34565	3.35549	3.36533	3.37518	3.38502
				Cir Clip				REMARKS:					
				NONE				Measure for CYL 10.00 mm from Bottom of Skirt.					
				T01				Clearance: 0.394 inch					
				NONE									
PAGE #		29	221					85.000	Tolerance is +/- (mm inch): 0.0025 0.00010				
11-719	4	85.000	67.00	35.00	-	5.40	62.00	YELLOW:	84.9775	85.2275	85.4775	85.7275	85.9775
		3.346	2.638	1.378		0.213	0.047		2.441	3.34557	3.35541	3.36526	3.37510
PISTON RING #		Total Clearance					1.50	RED:	84.9675	85.2175	85.4675	85.7175	85.9675
SWM31071		mm	inch			0.059	0.059		3.34518	3.35502	3.36486	3.37470	3.38455
		-0.04	-0.00157				3.00	BLUE:	84.9625	85.2125	85.4625	85.7125	85.9625
						0.118	0.118		3.34498	3.35482	3.36467	3.37451	3.38435
				Cir Clip				GREEN:	84.9725	85.2225	85.4725	85.7225	85.9725
				NONE					3.34537	3.35522	3.36506	3.37490	3.38474
				SURFACE TREATMENT				REMARKS:					
				NONE				Measure for CYL 10.00 mm from Bottom of Skirt.					
				C17				Clearance: 0.394 inch					
				NONE									
PAGE #		187	269					87.500	Tolerance is +/- (mm inch): 0.0025 0.00010				
11-720	6	87.500	51.00	31.20	-	1.20	54.00	YELLOW:	87.4775	87.7275	87.9775	88.2275	88.4775
		3.445	2.008	1.228		0.047	0.047		2.126	3.44400	3.45384	3.46368	3.47352
PISTON RING #		Total Clearance					1.20	RED:	87.4675	87.7175	87.9675	88.2175	88.4675
SWT10177		mm	inch			0.047	0.047		3.44360	3.45344	3.46329	3.47313	3.48297
		-0.04	-0.00157				3.00	BLUE:	87.4625	87.7125	87.9625	88.2125	88.4625
						0.118	0.118		3.44341	3.45325	3.46309	3.47293	3.48278
				Cir Clip				GREEN:	87.4725	87.7225	87.9725	88.2225	88.4725
				NONE					3.44380	3.45364	3.46348	3.47333	3.48317
				SURFACE TREATMENT				REMARKS:					
				Anodized Head				Measure for CYL 10.00 mm from Bottom of Skirt.					
				C17				Clearance: 0.394 inch					
				Moly Skirt				CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	OIL1	DIA.		inch	inch	inch	inch	inch
11-722	6	93.500	63.00	34.00	4.90	1.50	62.00	YELLOW:	93.4775	93.7275	93.9775	94.2275	94.4775
		3.681	2.480	1.339	0.193	0.059	2.441		3.68022	3.69006	3.69990	3.70974	3.71959
		Total Clearance							1.50	93.4675	93.7175	93.9675	94.2175
PISTON RING #		mm		inch		0.059	RED:	93.67982	93.68967	93.69951	93.70935	93.71919	
SWT10178		-0.04	-0.00157			4.00	BLUE:	93.4625	93.7125	93.9625	94.2125	94.4625	
						0.157	GREEN:	3.67963	3.68947	3.69931	3.70915	3.71900	
								93.4725	93.7225	93.9725	94.2225	94.4725	
								3.68002	3.68986	3.69970	3.70955	3.71939	
								REMARKS:					
								Measure for CYL		10.00 mm	from Bottom of Skirt.		
								Clearance:		0.394 inch			
								CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		271						93.500 Tolerance is +/- (mm inch) : 0.0025 0.00010					
11-723	4	86.000	67.90	35.00	5.00	1.50	66.00	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775
		3.386	2.673	1.378	0.197	0.059	2.598		3.38494	3.39478	3.40463	3.41447	3.42431
		Total Clearance							1.50	85.9675	86.2175	86.4675	86.7175
PISTON RING #		mm		inch		0.059	RED:	3.38455	3.39439	3.40423	3.41407	3.42392	
SWT10090		-0.04	-0.00157			4.00	BLUE:	85.9625	86.2125	86.4625	86.7125	86.9625	
						0.157	GREEN:	3.38435	3.39419	3.40404	3.41388	3.42372	
								85.9725	86.2225	86.4725	86.7225	86.9725	
								3.38474	3.39459	3.40443	3.41427	3.42411	
								REMARKS:					
								Measure for CYL		20.00 mm	from Bottom of Skirt.		
								Clearance:		0.787 inch			
								CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		265						86.000 Tolerance is +/- (mm inch) : 0.0025 0.00010					
11-724	4	95.000	61.00	37.20	2.60	1.50	70.00	YELLOW:	94.9775	95.2275	95.4775	95.7275	95.9775
		3.740	2.402	1.465	0.102	0.059	2.756		3.73927	3.74911	3.75896	3.76880	3.77864
		Total Clearance							1.50	94.9675	95.2175	95.4675	95.7175
PISTON RING #		mm		inch		0.059	RED:	3.73888	3.74872	3.75856	3.76841	3.77825	
SWT10139		-0.04	-0.00157			4.00	BLUE:	94.9625	95.2125	95.4625	95.7125	95.9625	
						0.157	GREEN:	3.73868	3.74852	3.75837	3.76821	3.77805	
								94.9725	95.2225	95.4725	95.7225	95.9725	
								3.73907	3.74892	3.75876	3.76860	3.77844	
								REMARKS:					
								Measure for CYL		10.00 mm	from Bottom of Skirt.		
								Clearance:		0.394 inch			
								CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		269						95.000 Tolerance is +/- (mm inch) : 0.0025 0.00010					
11-725	4	95.000	58.00	35.50	3.30	1.75	70.00	YELLOW:	94.9430	95.1930	95.4430	95.6930	95.9430
		3.740	2.283	1.398	0.130	0.069	2.756		3.73791	3.74776	3.75760	3.76744	3.77728
		Total Clearance							1.50	94.9565	95.2065	95.4565	95.7065
PISTON RING #		mm		inch		0.059	RED:	3.73844	3.74829	3.75813	3.76797	3.77781	
SWT10127		-0.03	-0.00118			4.00	BLUE:	94.9495	95.1995	95.4495	95.6995	95.9495	
						0.157		3.73817	3.74801	3.75785	3.76770	3.77754	
								REMARKS:					
								Measure for CYL		5.00 mm	from Bottom of Skirt.		
								Clearance:		0.197 inch			
								CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		267						94.950 Tolerance is +/- (mm inch) : 0.003 0.00012					

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE mm inch	LENGTH mm inch	COMP. mm inch	DIST. mm inch	+	2ND	LENGTH		mm	mm	mm	mm	mm	
							OIL1	DIA.		inch	inch	inch	inch	inch	
PAGE #		159				OIL2	mm								
11-726	4	83.000	65.40	30.90	-	0.80	1.20	56.00	82.980	Tolerance is +/- (mm inch) :				0.01	0.00039
		3.268	2.575	1.217		0.031	0.047			2.205	mm	mm	mm	mm	mm
PISTON RING #		Total Clearance													
SWH30448		mm	inch												
		-0.03	-0.00118												
				Cir Clip											
						SURFACE TREATMENT									
				T03		NONE									
REMARKS:		Measure for CYL		16.00 mm		from Bottom of Skirt.									
		Clearance:		0.630 inch											
11-727	6	87.000	61.00	32.00	+	1.50	1.50	69.00	86.990	Tolerance is +/- (mm inch) :				0.003	0.00012
		3.425	2.402	1.260		0.059	0.059			2.717	mm	mm	mm	mm	mm
PISTON RING #		Total Clearance													
SWN30094		mm	inch												
		-0.04	-0.00157												
				Cir Clip											
						SURFACE TREATMENT									
				T01		NONE									
REMARKS:		Measure for CYL		10.00 mm		from Bottom of Skirt.									
		Clearance:		0.394 inch											
11-728	6	91.500	63.00	32.00	-	1.50	1.50	60.00	91.480	Tolerance is +/- (mm inch) :				0.01	0.00039
		3.602	2.480	1.260		0.059	0.059			2.362	mm	mm	mm	mm	mm
PISTON RING #		Total Clearance													
SWN30120		mm	inch												
		-0.03	-0.00118												
				Cir Clip											
						SURFACE TREATMENT									
				T03		NONE									
REMARKS:		Measure for CYL		16.00 mm		from Bottom of Skirt.									
		Clearance:		0.630 inch											
CAUTION!!:		Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.													
11-729	4	82.300	66.00	32.50	+	1.50	1.20	66.00	82.240	Tolerance is +/- (mm inch) :				0.0045	0.00018
		3.240	2.598	1.280		0.059	0.047			2.598	mm	mm	mm	mm	mm
PISTON RING #		Total Clearance													
SWM31049		mm	inch												
		-0.04	-0.00157												
				Cir Clip											
				NONE		SURFACE TREATMENT									
				J05		NONE									
REMARKS:		Measure for CYL		28.00 mm		from Bottom of Skirt.									
		Clearance:		1.102 inch											

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION								
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)		
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm		
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch			
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID			
11-730		PAGE # 165													
4		75.500	53.50	30.50	4.10	1.20	47.50	75.500 Tolerance is + / - (mm inch) : 0.0025 0.00010							
		2.972	2.106	1.201	0.161	0.047	1.870	YELLOW:	75.4775	75.7275	75.9775	76.2275	76.4775		
PISTON RING #		Total Clearance													
SWG30019		mm	inch			1.50			RED:	75.4675	75.7175	75.9675	76.2175	76.4675	
		-0.04	-0.00157			0.059			BLUE:	2.97116	2.98100	2.99085	3.00069	3.01053	
						3.00	18.00			GREEN:	75.4625	75.7125	75.9625	76.2125	76.4625
						0.118	0.709			REMARKS:	Measure for CYL 10.00 mm from Bottom of Skirt.			Clearance: 0.394 inch	
				Cir Clip											
				NONE		SURFACE TREATMENT									
				C17		NONE									
11-731		PAGE # 195													
4		75.300	51.80	28.00	6.30	1.00	61.00	75.300 Tolerance is + / - (mm inch) : 0.0025 0.00010							
		2.965	2.039	1.102	0.248	0.039	2.402	YELLOW:	75.2775	75.5275	75.7775	76.0275	76.2775		
PISTON RING #		Total Clearance													
SWT20074		mm	inch			1.20			RED:	75.2675	75.5175	75.7675	76.0175	76.2675	
		-0.04	-0.00157			0.047			BLUE:	2.96329	2.97313	2.98297	2.99281	3.00266	
						2.50	20.00			GREEN:	75.2625	75.5125	75.7625	76.0125	76.2625
						0.098	0.787			REMARKS:	Measure for CYL 10.00 mm from Bottom of Skirt.			Clearance: 0.394 inch	
				Cir Clip											
				NONE		SURFACE TREATMENT									
				C17		NONE									
11-732		PAGE # 157													
4		75.000	49.90	29.90	2.80	1.00	56.00	75.000 Tolerance is + / - (mm inch) : 0.0025 0.00010							
		2.953	1.965	1.177	0.110	0.039	2.205	YELLOW:	74.9775	75.2275	75.4775	75.7275	75.9775		
PISTON RING #		Total Clearance													
SWH30423		mm	inch			1.20			RED:	74.9675	75.2175	75.4675	75.7175	75.9675	
		-0.04	-0.00157			0.047			BLUE:	2.95148	2.96132	2.97116	2.98100	2.99085	
						2.80	19.00			GREEN:	74.9625	75.2125	75.4625	75.7125	75.9625
						0.110	0.748			REMARKS:	Measure for CYL 10.00 mm from Bottom of Skirt.			Clearance: 0.394 inch	
				Cir Clip											
				NONE		SURFACE TREATMENT									
				C17		NONE									
11-733		PAGE # 3													
4		81.000	60.00	30.00	1.30	1.00	56.00	81.000 Tolerance is + / - (mm inch) : 0.0025 0.00010							
		3.189	2.362	1.181	0.051	0.039	2.205	YELLOW:	80.9775	81.2275	81.4775	81.7275	81.9775		
PISTON RING #		Total Clearance													
SWH30373		mm	inch			1.20			RED:	80.9675	81.2175	81.4675	81.7175	81.9675	
		-0.04	-0.00157			0.047			BLUE:	3.18770	3.19754	3.20738	3.21722	3.22707	
						2.80	21.00			GREEN:	80.9625	81.2125	81.4625	81.7125	81.9625
						0.110	0.827			REMARKS:	Measure for CYL 14.00 mm from Bottom of Skirt.			Clearance: 0.551 inch	
				Cir Clip											
				NONE		SURFACE TREATMENT									
				C17		NONE									

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.		inch	inch	inch	inch	inch
		mm	mm	mm	mm	OIL2	mm	MID	MID	MID	MID	MID	
11-734	6	93.000	58.20	30.40	-	0.50	1.20	92.980	Tolerance is + / - (mm inch) : 0.01 0.00039				
		3.661	2.291	1.197		0.020	0.047		2.283				
PISTON RING #		Total Clearance					1.20	RED:	92.9700	93.2200	93.4700	93.7200	93.9700
SWN30115		mm	inch				0.047		3.66024	3.67008	3.67992	3.68976	3.69961
		-0.03	-0.00118				2.50	GREEN:	92.9900	93.2400	93.4900	93.7400	93.9900
							0.098		3.66102	3.67087	3.68071	3.69055	3.70039
				Cir Clip			SURFACE TREATMENT		REMARKS:				
							Anodized Head		Measure for CYL 13.80 mm from Bottom of Skirt.				
						T03	NONE		Clearance: 0.543 inch				
									CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.				
PAGE #		27		221				87.470 Tolerance is + / - (mm inch) : 0.0045 0.00018					
11-735	4	87.500	64.80	31.40	+	0.90	1.20	YELLOW:	87.4805	87.7305	87.9805	88.2305	88.4805
		3.445	2.551	1.236		0.035	0.047		2.953	3.44411	3.45396	3.46380	3.47364
PISTON RING #		Total Clearance					1.20	RED:	87.4725	87.7225	87.9725	88.2225	88.4725
SWM31120		mm	inch				0.047		3.44380	3.45364	3.46348	3.47333	3.48317
		-0.04	-0.00157				3.00	BLUE:	87.4595	87.7095	87.9595	88.2095	88.4595
							0.118		3.44329	3.45313	3.46297	3.47281	3.48266
				Cir Clip			SURFACE TREATMENT		REMARKS:				
							NONE		Measure for CYL 13.00 mm from Bottom of Skirt.				
						J05	NONE		Clearance: 0.512 inch				
PAGE #		157						74.970 Tolerance is + / - (mm inch) : 0.01 0.00039					
11-736	4	75.000	57.80	27.80	-	7.20	1.00	RED:	74.9600	75.2100	75.4600	75.7100	75.9600
		2.953	2.276	1.094		0.283	0.039		2.205	2.95118	2.96102	2.97087	2.98071
PISTON RING #		Total Clearance					1.20	GREEN:	74.9800	75.2300	75.4800	75.7300	75.9800
SWH30423		mm	inch				0.047		2.95197	2.96181	2.97165	2.98150	2.99134
		-0.03	-0.00118				2.80	REMARKS:	Measure for CYL 15.50 mm from Bottom of Skirt.				
							0.110		Clearance: 0.610 inch				
				Cir Clip			SURFACE TREATMENT						
							NONE						
						T03	NONE						
PAGE #		157						80.980 Tolerance is + / - (mm inch) : 0.0045 0.00018					
11-737	4	81.000	62.60	30.00	+	2.60	1.00	YELLOW:	80.9905	81.2405	81.4905	81.7405	81.9905
		3.189	2.465	1.181		0.102	0.039		2.205	3.18860	3.19844	3.20829	3.21813
PISTON RING #		Total Clearance					1.20	RED:	80.9825	81.2325	81.4825	81.7325	81.9825
SWH30373		mm	inch				0.047		3.18829	3.19813	3.20797	3.21781	3.22766
		-0.03	-0.00118				2.80	BLUE:	80.9695	81.2195	81.4695	81.7195	81.9695
							0.110		3.18778	3.19762	3.20746	3.21730	3.22715
				Cir Clip			SURFACE TREATMENT		REMARKS:				
							NONE		Measure for CYL 16.00 mm from Bottom of Skirt.				
						J05	NONE		Clearance: 0.630 inch				

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST 2ND OIL1 OIL2	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	+ DIST.					mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	mm inch				inch	inch	inch	inch	inch
11-738	4	84.000	59.60	29.60	4.10	1.20	56.50	YELLOW:	83.9905	84.2405	84.4905	84.7405	84.9905	
		3.307	2.346	1.165	0.161	0.047	2.224		3.30671	3.31656	3.32640	3.33624	3.34608	
PISTON RING #		Total Clearance				1.20		RED:	83.9825	84.2325	84.4825	84.7325	84.9825	
SWH30437		mm	inch			0.047			3.30640	3.31624	3.32608	3.33593	3.34577	
		-0.04	-0.00157			2.80	21.00	BLUE:	83.9695	84.2195	84.4695	84.7195	84.9695	
						0.110	0.827	GREEN:	3.30589	3.31573	3.32557	3.33541	3.34526	
									83.9775	84.2275	84.4775	84.7275	84.9775	
									3.30620	3.31604	3.32589	3.33573	3.34557	
		Cir Clip		SURFACE TREATMENT		REMARKS:		Measure for CYL Clearance: mm from Bottom of Skirt.						
		NONE		NONE										
		J05		NONE										
PAGE #		159												
11-739	4	87.000	61.00	31.00	0.90	1.20	57.00	YELLOW:	86.9930	87.2430	87.4930	87.7430	87.9930	
		3.425	2.402	1.220	0.035	0.047	2.244		3.42492	3.43476	3.44461	3.45445	3.46429	
PISTON RING #		Total Clearance				1.20		RED:	87.0065	87.2565	87.5065	87.7565	88.0065	
SWH30433		mm	inch			0.217	0.047		3.42545	3.43530	3.44514	3.45498	3.46482	
		-0.04	-0.00157			3.00	22.00	BLUE:	86.9995	87.2495	87.4995	87.7495	87.9995	
						0.118	0.866		3.42518	3.43502	3.44486	3.45470	3.46455	
		Cir Clip		SURFACE TREATMENT		REMARKS:		Measure for CYL Clearance: 7.00 mm from Bottom of Skirt.						
		NONE		NONE										
		T01		NONE										
PAGE #		161												
11-740	4	87.000	60.50	30.60	2.30	1.20	60.00	YELLOW:	86.9730	87.2230	87.4730	87.7230	87.9730	
		3.425	2.382	1.205	0.091	0.047	2.362		3.42413	3.43398	3.44382	3.45366	3.46350	
PISTON RING #		Total Clearance				1.20		RED:	86.9865	87.2365	87.4865	87.7365	87.9865	
SWH30433		mm	inch			0.126	0.047		3.42467	3.43451	3.44435	3.45419	3.46404	
		-0.04	-0.00157			3.00	22.00	BLUE:	86.9795	87.2295	87.4795	87.7295	87.9795	
						0.118	0.866		3.42439	3.43423	3.44407	3.45392	3.46376	
		Cir Clip		SURFACE TREATMENT		REMARKS:		Measure for CYL Clearance: 11.00 mm from Bottom of Skirt.						
		NONE		NONE										
		T01		NONE										
PAGE #		161												
11-741	4	87.000	61.80	31.00	0.80	1.20	57.00	YELLOW:	86.9630	87.2130	87.4630	87.7130	87.9630	
		3.425	2.433	1.220	0.031	0.047	2.244		3.42374	3.43358	3.44343	3.45327	3.46311	
PISTON RING #		Total Clearance				1.20		RED:	86.9765	87.2265	87.4765	87.7265	87.9765	
SWH30433		mm	inch			0.047			3.42427	3.43411	3.44396	3.45380	3.46364	
		-0.04	-0.00157			2.80	21.97	BLUE:	86.9695	87.2195	87.4695	87.7195	87.9695	
						0.110	0.865		3.42400	3.43384	3.44368	3.45352	3.46337	
		Cir Clip		SURFACE TREATMENT		REMARKS:		Measure for CYL Clearance: 7.00 mm from Bottom of Skirt.						
		NONE		NONE										
		T01		NONE										
PAGE #		161												

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION									
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)				
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm				
		mm inch	mm inch	mm inch	mm inch	OIL1 OIL2	DIA. mm		inch	inch	inch	inch	inch				
11-742	4	PAGE # 165		75.500	54.40	31.40	2.30	1.50	47.30	75.480	Tolerance is +/- (mm inch) : 0.0045 0.00018						
				2.972	2.142	1.236	-	0.091	0.059		1.862	YELLOW:	75.4905	75.7405	75.9905	76.2405	76.4905
		PISTON RING #		Total Clearance			6.70	1.50	3.00		18.00	RED:	75.4825	75.7325	75.9825	76.2325	76.4825
SWG30017	mm	inch	-	0.264	0.059	0.118	0.709	BLUE:		2.97175		2.98159	2.99144	3.00128	3.01112		
				-0.04	-0.00157					GREEN:	75.4695	75.7195	75.9695	76.2195	76.4695		
											2.97124	2.98108	2.99093	3.00077	3.01061		
											75.4775	75.7275	75.9775	76.2275	76.4775		
											2.97156	2.98140	2.99124	3.00108	3.01093		
				Cir Clip						REMARKS:		Measure for CYL			5.00 mm from Bottom of Skirt.		
				NONE		SURFACE TREATMENT		NONE				Clearance:		0.197 inch			
				J05		NONE											
11-743	4	PAGE # 3		81.000	62.20	30.40	1.80	1.00	56.00	81.000	Tolerance is +/- (mm inch) : 0.0025 0.00010						
				3.189	2.449	1.197	+	0.071	0.039		2.205	YELLOW:	80.9775	81.2275	81.4775	81.7275	81.9775
		PISTON RING #		Total Clearance				1.20				RED:	80.9675	81.2175	81.4675	81.7175	81.9675
SWH30373	mm	inch			0.047				BLUE:	3.18770	3.19754	3.20738	3.21722	3.22707			
				-0.04	-0.00157					GREEN:	80.9625	81.2125	81.4625	81.7125	81.9625		
											3.18750	3.19734	3.20719	3.21703	3.22687		
											80.9725	81.2225	81.4725	81.7225	81.9725		
											3.18789	3.19774	3.20758	3.21742	3.22726		
				Cir Clip						REMARKS:		Measure for CYL			15.00 mm from Bottom of Skirt.		
				NONE		SURFACE TREATMENT		NONE				Clearance:		0.591 inch			
				C17		Moly Skirt											
CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.																	
11-745	4	PAGE # 267		95.000	59.00	35.60	0.90	1.50	70.00	94.980	Tolerance is +/- (mm inch) : 0.0045 0.00018						
				3.740	2.323	1.402	-	0.035	0.059		2.756	YELLOW:	94.9905	95.2405	95.4905	95.7405	95.9905
		PISTON RING #		Total Clearance				1.50				RED:	94.9825	95.2325	95.4825	95.7325	95.9825
SWT10139	mm	inch			0.059				BLUE:	3.73947	3.74931	3.75915	3.76900	3.77884			
				-0.04	-0.00157					GREEN:	94.9695	95.2195	95.4695	95.7195	95.9695		
											3.73896	3.74880	3.75864	3.76848	3.77833		
											94.9775	95.2275	95.4775	95.7275	95.9775		
											3.73927	3.74911	3.75896	3.76880	3.77864		
				Cir Clip						REMARKS:		Measure for CYL			7.00 mm from Bottom of Skirt.		
				NONE		SURFACE TREATMENT		Anodized Head				Clearance:		0.276 inch			
				J05		Moly Skirt											
CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.																	
11-747	4	PAGE # 173		86.000	55.50	30.40	7.50	1.50	61.50	86.000	Tolerance is +/- (mm inch) : 0.0025 0.00010						
				3.386	2.185	1.197	-	0.295	0.059		2.421	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775
		PISTON RING #		Total Clearance				1.50				RED:	85.9675	86.2175	86.4675	86.7175	86.9675
SWI10205	mm	inch			0.059				BLUE:	3.38455	3.39439	3.40423	3.41407	3.42392			
				-0.03	-0.00118					GREEN:	85.9625	86.2125	86.4625	86.7125	86.9625		
											3.38435	3.39419	3.40404	3.41388	3.42372		
											85.9725	86.2225	86.4725	86.7225	86.9725		
											3.38474	3.39459	3.40443	3.41427	3.42411		
				Cir Clip						REMARKS:		Measure for CYL			10.00 mm from Bottom of Skirt.		
				NONE		SURFACE TREATMENT		NONE				Clearance:		0.394 inch			
				C17		NONE											

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE mm inch	LENGTH mm inch	COMP. mm inch	DIST. mm inch	2ND	LENGTH		mm	mm	mm	mm	mm
						OIL1	DIA.		inch	inch	inch	inch	inch
PAGE #		225											
11-749	6	93.000	86.00	32.00	2.70	1.50	64.00	YELLOW:	92.9775	93.2275	93.4775	93.7275	93.9775
		3.661	3.386	1.260		0.106			0.059	2.520	3.66053	3.67037	3.68022
PISTON RING #		Total Clearance				1.50		RED:	92.9675	93.2175	93.4675	93.7175	93.9675
SWM31121		mm inch				0.059			3.66014	3.66998	3.67982	3.68967	3.69951
		-0.04 -0.00157				3.00	22.00	BLUE:	92.9625	93.2125	93.4625	93.7125	93.9625
						0.118	0.866		3.65994	3.66978	3.67963	3.68947	3.69931
								GREEN:	92.9725	93.2225	93.4725	93.7225	93.9725
									3.66033	3.67018	3.68002	3.68986	3.69970
				Cir Clip				REMARKS:					
						SURFACE TREATMENT		Measure for CYL 15.00 mm from Bottom of Skirt.					
				NONE		NONE		Clearance: 0.591 inch					
				C17		NONE							
PAGE #		265											
11-750	4	87.000	56.50	32.50	4.50	1.20	66.00	YELLOW:	86.9775	87.2275	87.4775	87.7275	87.9775
		3.425	2.224	1.280		0.177			0.047	2.598	3.42431	3.43415	3.44400
PISTON RING #		Total Clearance				1.20		RED:	86.9675	87.2175	87.4675	87.7175	87.9675
SWT10166		mm inch				0.047			3.42392	3.43376	3.44360	3.45344	3.46329
		-0.04 -0.00157				3.00	22.00	BLUE:	86.9625	87.2125	87.4625	87.7125	87.9625
						0.118	0.866		3.42372	3.43356	3.44341	3.45325	3.46309
								GREEN:	86.9725	87.2225	87.4725	87.7225	87.9725
									3.42411	3.43396	3.44380	3.45364	3.46348
				Cir Clip				REMARKS:					
						SURFACE TREATMENT		Measure for CYL 15.00 mm from Bottom of Skirt.					
				NONE		NONE		Clearance: 0.591 inch					
				C17		NONE							
PAGE #		161 173											
11-751	4	85.000	65.00	30.50	3.80	1.20	57.00	YELLOW:	84.9905	85.2405	85.4905	85.7405	85.9905
		3.346	2.559	1.201		0.150			0.047	2.244	3.34608	3.35593	3.36577
PISTON RING #		Total Clearance				1.20		RED:	84.9825	85.2325	85.4825	85.7325	85.9825
SWH30383		mm inch				0.047			3.34577	3.35561	3.36545	3.37530	3.38514
		-0.04 -0.00157				2.80	22.00	BLUE:	84.9695	85.2195	85.4695	85.7195	85.9695
						0.110	0.866		3.34526	3.35510	3.36494	3.37478	3.38463
								GREEN:	84.9775	85.2275	85.4775	85.7275	85.9775
									3.34557	3.35541	3.36526	3.37510	3.38494
				Cir Clip				REMARKS:					
				NONE		SURFACE TREATMENT		Measure for CYL 14.00 mm from Bottom of Skirt.					
				NONE		NONE		Clearance: 0.551 inch					
				J05		NONE							
PAGE #		157											
11-752	4	75.000	50.00	30.00	3.40	1.00	56.00	YELLOW:	74.9705	75.2205	75.4705	75.7205	75.9705
		2.953	1.969	1.181		0.134			0.039	2.205	2.95159	2.96144	2.97128
PISTON RING #		Total Clearance				1.20		RED:	74.9625	75.2125	75.4625	75.7125	75.9625
SWH30423		mm inch				0.047			2.95128	2.96112	2.97096	2.98081	2.99065
		-0.04 -0.00157				2.80	19.00	BLUE:	74.9495	75.1995	75.4495	75.6995	75.9495
						0.110	0.748		2.95077	2.96061	2.97045	2.98030	2.99014
								GREEN:	74.9575	75.2075	75.4575	75.7075	75.9575
									2.95108	2.96093	2.97077	2.98061	2.99045
				Cir Clip				REMARKS:					
				NONE		SURFACE TREATMENT		Measure for CYL 15.00 mm from Bottom of Skirt.					
				NONE		NONE		Clearance: 0.591 inch					
				J05		NONE							

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
PAGE #		3											
11-753	4	81.000	60.00	30.00	-	1.60	1.00	YELLOW:	80.9930	81.2430	81.4930	81.7430	81.9930
		3.189	2.362	1.181		0.063	0.039		2.205	3.18870	3.19854	3.20839	3.21823
PISTON RING #		Total Clearance		-		4.60	1.20	RED:	81.0065	81.2565	81.5065	81.7565	82.0065
SWH30373		mm	inch	0.18		0.047	0.047		3.18923	3.19907	3.20892	3.21876	3.22860
		-0.04	-0.00157			2.80	21.00	BLUE:	80.9995	81.2495	81.4995	81.7495	81.9995
						0.110	0.827		3.18896	3.19880	3.20864	3.21848	3.22833
				Cir Clip		NONE		REMARKS:					
				NONE		SURFACE TREATMENT		Measure for CYL Clearance: 6.00 mm from Bottom of Skirt.					
				T01		NONE							
PAGE #		3											
11-754	4	81.000	60.00	30.20	-	2.40	1.00	YELLOW:	80.9830	81.2330	81.4830	81.7330	81.9830
		3.189	2.362	1.189		0.094	0.039		2.224	3.18831	3.19815	3.20799	3.21783
PISTON RING #		Total Clearance		-		4.80	1.20	RED:	80.9965	81.2465	81.4965	81.7465	81.9965
SWH30373		mm	inch	0.19		0.047	0.047		3.18884	3.19868	3.20852	3.21837	3.22821
		-0.04	-0.00157			2.80	21.00	BLUE:	80.9895	81.2395	81.4895	81.7395	81.9895
						0.110	0.827		3.18856	3.19841	3.20825	3.21809	3.22793
				Cir Clip		NONE		REMARKS:					
				NONE		SURFACE TREATMENT		Measure for CYL Clearance: 12.00 mm from Bottom of Skirt.					
				T01		NONE							
PAGE #		233											
11-755	4	89.000	60.90	34.00	-	6.40	1.20	YELLOW:	88.9775	89.2275	89.4775	89.7275	89.9775
		3.504	2.398	1.339		0.252	0.047		2.244	3.50305	3.51289	3.52274	3.53258
PISTON RING #		Total Clearance		-		6.50	1.20	RED:	88.9675	89.2175	89.4675	89.7175	89.9675
SWN30143		mm	inch	0.26		0.047	0.047		3.50266	3.51250	3.52234	3.53219	3.54203
		-0.04	-0.00157			2.50	20.99	BLUE:	88.9625	89.2125	89.4625	89.7125	89.9625
						0.098	0.826		3.50246	3.51230	3.52215	3.53199	3.54183
				Cir Clip		NONE		REMARKS:					
				C17		SURFACE TREATMENT		Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
				NONE		NONE							
PAGE #		101 263											
11-756	4	79.000	51.60	29.90	+	4.20	1.20	YELLOW:	78.9775	79.2275	79.4775	79.7275	79.9775
		3.110	2.031	1.177		0.165	0.047		1.969	3.10935	3.11919	3.12904	3.13888
PISTON RING #		Total Clearance		+		2.30	1.20	RED:	78.9675	79.2175	79.4675	79.7175	79.9675
SWT10183		mm	inch	0.09		0.047	0.047		3.10896	3.11880	3.12864	3.13848	3.14833
		-0.04	-0.00157			3.00	20.00	BLUE:	78.9625	79.2125	79.4625	79.7125	79.9625
						0.118	0.787		3.10876	3.11860	3.12844	3.13829	3.14813
				Cir Clip		NONE		REMARKS:					
				C17		SURFACE TREATMENT		Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
				NONE		NONE							

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm	
						OIL1	DIA.		inch	inch	inch	inch	inch	
mm	mm	mm	mm	OIL2	mm	mm	mm	mm	mm	mm	mm	mm		
inch	inch	inch	inch		inch	inch	inch	inch	inch	inch	inch	inch		
11-757	4	PAGE # 3		85.000	65.00	30.50	2.20	1.20	84.995	Tolerance is + / - (mm inch) : 0.003 0.00012				
		3.346	2.559	1.201	-	0.087	0.047	2.244		YELLOW:	84.9880	85.2380	85.4880	85.7380
PISTON RING #		Total Clearance				4.65	1.20	RED:	85.0015	85.2515	85.5015	85.7515	86.0015	
SWH30383		mm	inch			0.18	0.047		3.34652	3.35636	3.36620	3.37604	3.38589	
		-0.04	-0.00157			3.40	2.80	BLUE:	84.9945	85.2445	85.4945	85.7445	85.9945	
						0.13	0.110	3.34624	3.35608	3.36593	3.37577	3.38561		
				Cir Clip		NONE		REMARKS:						
				NONE		SURFACE TREATMENT		Measure for CYL 14.00 mm from Bottom of Skirt.						
				T01		NONE		Clearance: 0.551 inch						
11-758	4	PAGE # 29 221		85.000	67.00	35.00	3.30	1.20	85.000	Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.346	2.638	1.378	-	0.130	0.047	2.441		YELLOW:	84.9775	85.2275	85.4775	85.7275
PISTON RING #		Total Clearance				1.50	1.50	RED:	84.9675	85.2175	85.4675	85.7175	85.9675	
SWM31103		mm	inch			0.059	0.059		3.34518	3.35502	3.36486	3.37470	3.38455	
		-0.04	-0.00157			2.80	22.00	BLUE:	84.9625	85.2125	85.4625	85.7125	85.9625	
						0.110	0.866	3.34498	3.35482	3.36467	3.37451	3.38435		
				Cir Clip		NONE		REMARKS:						
				NONE		SURFACE TREATMENT		Measure for CYL 10.00 mm from Bottom of Skirt.						
				C17		NONE		Anodized Head						
CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.														
11-759	6	PAGE # 201		90.000	70.70	35.20	1.45	1.50	89.995	Tolerance is + / - (mm inch) : 0.003 0.00012				
		3.543	2.783	1.386	+	0.057	0.059	2.480		YELLOW:	89.9880	90.2380	90.4880	90.7380
PISTON RING #		Total Clearance				5.60	1.50	RED:	90.0015	90.2515	90.5015	90.7515	91.0015	
SWT20062		mm	inch			0.22	0.059		3.54337	3.55321	3.56305	3.57289	3.58274	
		-0.04	-0.00157			4.00	23.00	BLUE:	89.9945	90.2445	90.4945	90.7445	90.9945	
						0.157	0.906	3.54309	3.55293	3.56278	3.57262	3.58246		
				Cir Clip		NONE		REMARKS:						
				NONE		SURFACE TREATMENT		Measure for CYL 16.00 mm from Bottom of Skirt.						
				T01		NONE		Clearance: 0.630 inch						
11-762	6	PAGE # 225		91.100	65.80	31.80	3.20	1.20	91.100	Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.587	2.591	1.252	-	0.126	0.047	2.520		YELLOW:	91.0775	91.3275	91.5775	91.8275
PISTON RING #		Total Clearance				1.50	1.50	RED:	91.0675	91.3175	91.5675	91.8175	92.0675	
SWM31078		mm	inch			0.059	0.059		3.58533	3.59517	3.60502	3.61486	3.62470	
		-0.04	-0.00157			3.00	22.00	BLUE:	91.0625	91.3125	91.5625	91.8125	92.0625	
						0.118	0.866	3.58514	3.59498	3.60482	3.61467	3.62451		
				Cir Clip		NONE		REMARKS:						
				NONE		SURFACE TREATMENT		Measure for CYL 20.00 mm from Bottom of Skirt.						
				C17		NONE		Clearance: 0.787 inch						

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	OIL1	DIA.		inch	inch	inch	inch	inch
11-764	6	93.400	57.00	33.70	1.90	1.50	66.00	93.400	Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.677	2.244	1.327	0.075	0.059	2.598						mm inch
PISTON RING #		Total Clearance				1.50							
SWI10191		mm	inch			0.059							
		-0.04	-0.00157			3.00	22.00						
						0.118	0.866						
				Cir Clip									
				NONE	SURFACE TREATMENT			REMARKS:					
				C17	NONE			Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch					
PAGE #		175											
11-767	4	81.000	60.00	30.80	0.20	1.20	58.00	81.000	Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.189	2.362	1.213	0.008	0.047	2.283						mm inch
PISTON RING #		Total Clearance				1.20							
SWM31079		mm	inch			0.047							
		-0.04	-0.00157			2.80	19.00						
						0.110	0.748						
				Cir Clip									
				NONE	SURFACE TREATMENT			REMARKS:					
				C17	NONE			Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch					
PAGE #		27	219										
11-769	4	74.000	56.00	29.00	1.80	1.20	61.50	74.000	Tolerance is + / - (mm inch) : 0.0025 0.00010				
		2.913	2.205	1.142	0.071	0.047	2.421						mm inch
PISTON RING #		Total Clearance				1.20							
SWS20186		mm	inch			0.047							
		-0.04	-0.00157			2.50	19.00						
						0.098	0.748						
				Cir Clip									
					SURFACE TREATMENT			REMARKS:					
				C17	NONE			Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch					
PAGE #		257											
11-771	6	84.000	52.50	30.60		1.20	59.00	83.970	Tolerance is + / - (mm inch) : 0.01 0.00039				
		3.307	2.067	1.205		0.047	2.323						mm inch
PISTON RING #		Total Clearance				1.20							
NA		mm	inch			0.047							
		-0.03	-0.00118			2.50	21.00						
						0.098	0.827						
				Cir Clip									
				NONE	SURFACE TREATMENT			REMARKS:					
				T03	NONE			Measure for CYL Clearance: 21.90 mm from Bottom of Skirt. 0.862 inch					
PAGE #		167	183										

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm	
		mm	mm	mm	mm	OIL1	DIA.		inch	inch	inch	inch	inch	
		mm	mm	mm	mm	OIL2	mm	MID	MID	MID	MID	MID		
11-772	4	86.500	66.70	34.60	-	3.50	1.20	86.470	Tolerance is +/- (mm inch) : 0.01 0.00039					
		3.406	2.626	1.362		0.138	0.047		2.441	mm	mm	mm	mm	mm
		Total Clearance									inch	inch	inch	inch
PISTON RING #		Total Clearance						RED:	86.4600	86.7100	86.9600	87.2100	87.4600	
SWG30047		mm	inch					3.40394	3.41378	3.42362	3.43346	3.44331		
		-0.03	-0.00118					GREEN:	86.4800	86.7300	86.9800	87.2300	87.4800	
								3.40472	3.41457	3.42441	3.43425	3.44409		
		Cir Clip						REMARKS:						
		NONE						Measure for CYL 32.10 mm from Bottom of Skirt.						
		T03						Clearance: 1.264 inch						
PAGE # 181														
11-773	4	75.500	51.30	28.30	-	2.30	1.20	75.470	Tolerance is +/- (mm inch) : 0.01 0.00039					
		2.972	2.020	1.114		0.091	0.047		2.047	mm	mm	mm	mm	mm
		Total Clearance									inch	inch	inch	inch
PISTON RING #		Total Clearance						RED:	75.4600	75.7100	75.9600	76.2100	76.4600	
SWK30019		mm	inch					2.97087	2.98071	2.99055	3.00039	3.01024		
		-0.03	-0.00118					GREEN:	75.4800	75.7300	75.9800	76.2300	76.4800	
								2.97165	2.98150	2.99134	3.00118	3.01102		
		Cir Clip						REMARKS:						
		NONE						Measure for CYL 7.50 mm from Bottom of Skirt.						
		T03						Clearance: 0.295 inch						
PAGE # 225														
11-774	6	93.000	64.90	31.00	-	6.10	1.50	92.970	Tolerance is +/- (mm inch) : 0.01 0.00039					
		3.661	2.555	1.220		0.240	0.059		2.520	mm	mm	mm	mm	mm
		Total Clearance									inch	inch	inch	inch
PISTON RING #		Total Clearance						RED:	92.9600	93.2100	93.4600	93.7100	93.9600	
SWM31121		mm	inch					3.65984	3.66969	3.67953	3.68937	3.69921		
		-0.03	-0.00118					GREEN:	92.9800	93.2300	93.4800	93.7300	93.9800	
								3.66063	3.67047	3.68031	3.69016	3.70000		
		Cir Clip						REMARKS:						
		NONE						Measure for CYL 20.00 mm from Bottom of Skirt.						
		T03						Clearance: 0.787 inch						
PAGE # 257														
11-775	6	84.000	58.90	29.40	-	4.90	1.20	84.000	Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.307	2.319	1.157		0.193	0.047		2.283	mm	mm	mm	mm	mm
		Total Clearance									inch	inch	inch	inch
PISTON RING #		Total Clearance						YELLOW:	83.9775	84.2275	84.4775	84.7275	84.9775	
SWS20178		mm	inch					3.30620	3.31604	3.32589	3.33573	3.34557		
		-0.04	-0.00157					RED:	83.9675	84.2175	84.4675	84.7175	84.9675	
								3.30581	3.31565	3.32549	3.33533	3.34518		
								BLUE:	83.9625	84.2125	84.4625	84.7125	84.9625	
								3.30561	3.31545	3.32530	3.33514	3.34498		
								GREEN:	83.9725	84.2225	84.4725	84.7225	84.9725	
								3.30600	3.31585	3.32569	3.33553	3.34537		
		Cir Clip						REMARKS:						
		NONE						Measure for CYL 10.00 mm from Bottom of Skirt.						
		C17						Clearance: 0.394 inch						

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	DIST.	+	2ND	LENGTH		mm	mm	mm	mm	mm	
							OIL1	DIA.		inch	inch	inch	inch	inch	
mm	mm	mm	mm	mm	mm	OIL2	mm	mm	mm	mm	mm	mm			
inch	inch	inch	inch	inch	inch			inch	inch	inch	inch	inch			
PAGE #		245	261												
11-776	4	75.000	48.80	28.00	-	4.10	1.20	53.00	YELLOW:	74.9475	75.1975	75.4475	75.6975	75.9475	
		2.953	1.921	1.102		0.161	0.047			2.087	2.95069	2.96053	2.97037	2.98022	2.99006
PISTON RING #		Total Clearance													
		mm	inch												
SWT10192		-0.03	-0.00118												
				Cir Clip		NONE		SURFACE TREATMENT		NONE		NONE		NONE	
PAGE #		101		263											
11-777	4	79.000	51.70	30.00	-	4.50	1.20	50.00	YELLOW:	78.9705	79.2205	79.4705	79.7205	79.9705	
		3.110	2.035	1.181		0.177	0.047			1.969	3.10907	3.11892	3.12876	3.13860	3.14844
PISTON RING #		Total Clearance													
		mm	inch												
SWT10183		-0.03	-0.00118												
				Cir Clip		NONE		SURFACE TREATMENT		Anodized Head		Moly Skirt		J05	
PAGE #		269													
11-778	6	86.000	65.00	34.00	-	3.80	1.50	66.00	RED:	85.9600	86.2100	86.4600	86.7100	86.9600	
		3.386	2.559	1.339		0.150	0.059			2.598	3.38425	3.39409	3.40394	3.41378	3.42362
PISTON RING #		Total Clearance													
		mm	inch												
SWT10134		-0.03	-0.00118												
				Cir Clip		NONE		SURFACE TREATMENT		Anodized Head		Moly Skirt		T03	
PAGE #		65													
11-779	4	79.000	51.30	28.40	-	2.90	1.20	56.00	RED:	78.9600	79.2100	79.4600	79.7100	79.9600	
		3.110	2.020	1.118		0.114	0.047			2.205	3.10866	3.11850	3.12835	3.13819	3.14803
PISTON RING #		Total Clearance													
		mm	inch												
SWD20004		-0.03	-0.00118												
				Cir Clip		NONE		SURFACE TREATMENT		NONE		NONE		T03	
PAGE #		65													
78-970	4	79.000	51.30	28.40	-	2.90	1.20	56.00	GREEN:	78.9800	79.2300	79.4800	79.7300	79.9800	
		3.110	2.020	1.118		0.114	0.047			2.205	3.10945	3.11929	3.12913	3.13898	3.14882
PISTON RING #		Total Clearance													
		mm	inch												
SWD20004		-0.03	-0.00118												
				Cir Clip		NONE		SURFACE TREATMENT		NONE		NONE		T03	
PAGE #		65													

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-780	6	86.000	53.20	31.20		1.50	60.00	85.960	Tolerance is + / - (mm inch) : 0.0045 0.00018				
		3.386	2.094	1.228		0.059	2.362		YELLOW:	85.9705	86.2205	86.4705	86.7205
PISTON RING #		Total Clearance				1.50		RED:	85.9625	86.2125	86.4625	86.7125	86.9625
SWC10001		mm	inch			0.059		BLUE:	3.38435	3.39419	3.40404	3.41388	3.42372
		-0.04	-0.00157			3.00	22.000	GREEN:	3.38384	3.39368	3.40352	3.41337	3.42321
						0.118	0.866		85.9575	86.2075	86.4575	86.7075	86.9575
									3.38415	3.39400	3.40384	3.41368	3.42352
				Cir Clip		SURFACE TREATMENT		REMARKS:					
						Anodized Head		Measure for CYL					
				J05		Moly Skirt		Clearance: 7.00 mm from Bottom of Skirt.					
								CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
11-781	4	86.000	51.50	30.02	-	2.40	54.00	85.980	Tolerance is + / - (mm inch) : 0.003 0.00012				
		3.386	2.028	1.182		0.094	2.126		YELLOW:	85.9730	86.2230	86.4730	86.7230
PISTON RING #		Total Clearance				4.80		RED:	3.38476	3.39461	3.40445	3.41429	3.42413
SWH30443		mm	inch			0.19	1.20	BLUE:	85.9865	86.2365	86.4865	86.7365	86.9865
		-0.04	-0.00157			3.20	21.97		3.38530	3.39514	3.40498	3.41482	3.42467
						0.13	0.865		85.9795	86.2295	86.4795	86.7295	86.9795
									3.38502	3.39486	3.40470	3.41455	3.42439
				Cir Clip		SURFACE TREATMENT		REMARKS:					
						NONE		Measure for CYL					
				T01		NONE		Clearance: 16.00 mm from Bottom of Skirt.					
								CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
11-785	4	75.000	49.10	29.10	-	2.40	56.00	74.990	Tolerance is + / - (mm inch) : 0.003 0.00012				
		2.953	1.933	1.146		0.094	2.205		YELLOW:	74.9830	75.2330	75.4830	75.7330
PISTON RING #		Total Clearance				4.40		RED:	2.95209	2.96193	2.97177	2.98161	2.99146
SWH30423		mm	inch			0.17	1.20	BLUE:	74.9965	75.2465	75.4965	75.7465	75.9965
		-0.03	-0.00118			2.60	19.00		2.95262	2.96246	2.97230	2.98215	2.99199
						0.10	0.748		74.9895	75.2395	75.4895	75.7395	75.9895
									2.95234	2.96219	2.97203	2.98187	2.99171
				Cir Clip		SURFACE TREATMENT		REMARKS:					
						NONE		Measure for CYL					
				T01		NONE		Clearance: 3.00 mm from Bottom of Skirt.					
								CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
11-788	4	99.500	50.00	29.50	-	1.70	64.00	99.500	Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.917	1.969	1.161		0.067	2.520		YELLOW:	99.4775	99.7275	99.9775	100.2275
PISTON RING #		Total Clearance				1.20		RED:	3.91644	3.92628	3.93612	3.94596	3.95581
SWF20066		mm	inch			0.047		BLUE:	99.4675	99.7175	99.9675	100.2175	100.4675
		-0.04	-0.00157			2.50	23.00		3.91604	3.92589	3.93573	3.94557	3.95541
						0.098	0.906		99.4625	99.7125	99.9625	100.2125	100.4625
									3.91585	3.92569	3.93553	3.94537	3.95522
									99.4725	99.7225	99.9725	100.2225	100.4725
									3.91624	3.92608	3.93593	3.94577	3.95561
				Cir Clip		SURFACE TREATMENT		REMARKS:					
						NONE		Measure for CYL					
				C17		Moly Skirt		Clearance: 10.00 mm from Bottom of Skirt.					
								CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-791	6	86.000	51.50	30.00	-	0.80	1.20	54.00	86.000 Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.386	2.028	1.181		0.031	0.047		2.126	YELLOW:	85.9775	86.2275	86.4775
PISTON RING #		Total Clearance											
SWH30432		mm	inch										
		-0.04	-0.00157										
				Cir Clip		SURFACE TREATMENT		REMARKS:					
						NONE		Measure for CYL Clearance: 15.00 mm from Bottom of Skirt.					
				C17		NONE							
11-792	4	88.500	55.80	33.70	-	6.40	1.20	56.00	88.470 Tolerance is +/- (mm inch) : 0.0045 0.00018				
		3.484	2.197	1.327		0.252	0.047		2.205	YELLOW:	88.4805	88.7305	88.9805
PISTON RING #		Total Clearance											
SWT10182		mm	inch										
		-0.03	-0.00118										
				Cir Clip		SURFACE TREATMENT		REMARKS:					
						Anodized Head		Measure for CYL Clearance: 4.00 mm from Bottom of Skirt.					
				J05		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
11-793	6	93.500	52.70	29.70	-	3.00	1.50	66.00	93.500 Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.681	2.075	1.169		0.118	0.059		2.598	YELLOW:	93.4775	93.7275	93.9775
PISTON RING #		Total Clearance											
SWI10191		mm	inch										
		-0.04	-0.00157										
				Cir Clip		SURFACE TREATMENT		REMARKS:					
				NONE		NONE		Measure for CYL Clearance: 15.00 mm from Bottom of Skirt.					
				C17		NONE							
11-794	4	78.000	62.40	31.90	-	2.50	1.50	57.00	78.000 Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.071	2.457	1.256		0.098	0.059		2.244	YELLOW:	77.9775	78.2275	78.4775
PISTON RING #		Total Clearance											
SWT20060		mm	inch										
		-0.04	-0.00157										
				Cir Clip		SURFACE TREATMENT		REMARKS:					
						NONE		Measure for CYL Clearance: 15.00 mm from Bottom of Skirt.					
				C17		NONE							

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION					
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-795		PAGE # 265											
4		86.000	59.10	35.00	3.90	1.20	56.00	86.000 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.386	2.327	1.378	0.154	0.047	2.205	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775
PISTON RING #		Total Clearance											
SWT10162		mm	inch										
		-0.04	-0.00157										
		Cir Clip											
		NONE		SURFACE TREATMENT									
		C17		NONE									
REMARKS:		Measure for CYL Clearance: 15.00 mm from Bottom of Skirt. 0.591 inch											
11-797		PAGE # 159											
4		75.000	46.60	27.00	3.00	1.00	56.00	74.970 Tolerance is +/- (mm inch) : 0.01 0.00039					
		2.953	1.835	1.063	0.118	0.039	2.205	RED:	85.9675	86.2175	86.4675	86.7175	86.9675
PISTON RING #		Total Clearance											
SWH30440		mm	inch										
		-0.03	-0.00118										
		Cir Clip											
		NONE		SURFACE TREATMENT									
		T03		NONE									
REMARKS:		Measure for CYL Clearance: 7.30 mm from Bottom of Skirt. 0.287 inch											
11-798		PAGE # 159											
4		75.000	46.40	26.90	2.65	1.00	56.00	74.970 Tolerance is +/- (mm inch) : 0.0045 0.00018					
		2.953	1.827	1.059	0.104	0.039	2.205	YELLOW:	74.9600	75.2100	75.4600	75.7100	75.9600
PISTON RING #		Total Clearance											
SWH30440		mm	inch										
		-0.03	-0.00118										
		Cir Clip											
		NONE		SURFACE TREATMENT									
		J05		NONE									
REMARKS:		Measure for CYL Clearance: 11.00 mm from Bottom of Skirt. 0.433 inch											
11-799		PAGE # 159											
4		84.000	59.60	29.60	0.80	1.20	56.00	83.970 Tolerance is +/- (mm inch) : 0.01 0.00039					
		3.307	2.346	1.165	0.031	0.047	2.205	RED:	85.9725	86.2225	86.4725	86.7225	86.9725
PISTON RING #		Total Clearance											
SWH30437		mm	inch										
		-0.03	-0.00118										
		Cir Clip											
		NONE		SURFACE TREATMENT									
		T03		NONE									
REMARKS:		Measure for CYL Clearance: 14.50 mm from Bottom of Skirt. 0.571 inch											

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm	
		mm	mm	mm	mm	OIL1	DIA.		inch	inch	inch	inch	inch	
		mm	mm	mm	mm	OIL2	mm	MID	MID	MID	MID	MID		
11-800	6	93.000	58.00	30.40	-	0.50	1.20	92.970	Tolerance is + / - (mm inch) : 0.01 0.00039					
		3.661	2.283	1.197		0.020	0.047		2.283	RED:	92.9600	93.2100	93.4600	93.7100
PISTON RING #		Total Clearance					1.20		3.65984	3.66969	3.67953	3.68937	3.69921	
SWN30115		mm	inch				0.047							
		-0.03	-0.00118				2.50							
							0.098		GREEN:	92.9800	93.2300	93.4800	93.7300	93.9800
									3.66063	3.67047	3.68031	3.69016	3.70000	
									REMARKS:					
									Measure for CYL 13.80 mm from Bottom of Skirt.					
									Clearance: 0.543 inch					
									CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
11-801	8	94.000	60.30	33.90	-	6.80	1.50	93.980	Tolerance is + / - (mm inch) : 0.01 0.00039					
		3.701	2.374	1.335		0.268	0.059		2.441	RED:	93.9700	94.2200	94.4700	94.7200
PISTON RING #		Total Clearance					1.50		3.69961	3.70945	3.71929	3.72913	3.73898	
SWT10203		mm	inch				0.059							
		-0.03	-0.00118				4.00							
							0.157		GREEN:	93.9900	94.2400	94.4900	94.7400	94.9900
									3.70039	3.71024	3.72008	3.72992	3.73976	
									REMARKS:					
									Measure for CYL 10.50 mm from Bottom of Skirt.					
									Clearance: 0.413 inch					
									CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
11-802	4	82.000	57.70	31.30	+	1.40	1.20	81.980	Tolerance is + / - (mm inch) : 0.01 0.00039					
		3.228	2.272	1.232		0.055	0.047		2.228	RED:	81.9700	82.2200	82.4700	82.7200
PISTON RING #		Total Clearance					1.20		3.22717	3.23701	3.24685	3.25669	3.26654	
SWT10196		mm	inch				0.047							
		-0.03	-0.00118				3.00							
							0.118		GREEN:	81.9900	82.2400	82.4900	82.7400	82.9900
									3.22795	3.23780	3.24764	3.25748	3.26732	
									REMARKS:					
									Measure for CYL 25.00 mm from Bottom of Skirt.					
									Clearance: 0.984 inch					
									CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
11-804	4	86.500	53.00	30.50			1.20	86.480	Tolerance is + / - (mm inch) : 0.01 0.00039					
		3.406	2.087	1.201			0.047		2.441	RED:	86.4700	86.7200	86.9700	87.2200
PISTON RING #		Total Clearance					1.50		3.40433	3.41417	3.42402	3.43386	3.44370	
SWM31116		mm	inch				0.059							
		-0.03	-0.00118				2.80							
							0.110		GREEN:	86.4900	86.7400	86.9900	87.2400	87.4900
									3.40512	3.41496	3.42480	3.43465	3.44449	
									REMARKS:					
									Measure for CYL 8.50 mm from Bottom of Skirt.					
									Clearance: 0.335 inch					
									CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-806	6	93.000	53.90	31.80		1.50	59.00	92.960 Tolerance is + / - (mm inch) : 0.0045 0.00018					
		3.661	2.122	1.252		0.059	2.323	YELLOW:	92.9705	93.2205	93.4705	93.7205	93.9705
PISTON RING #		Total Clearance				1.50		RED:	92.9625	93.2125	93.4625	93.7125	93.9625
SWC10002		mm	inch			0.059		BLUE:	92.9625	93.2125	93.4625	93.7125	93.9625
		-0.04	-0.00157			3.00	24.022	GREEN:	3.65994	3.66978	3.67963	3.68947	3.69931
						0.118	0.946		92.9495	93.1995	93.4495	93.6995	93.9495
									3.65943	3.66927	3.67911	3.68896	3.69880
									92.9575	93.2075	93.4575	93.7075	93.9575
									3.65974	3.66959	3.67943	3.68927	3.69911
									REMARKS:				
									Measure for CYL	13.00 mm	from Bottom of		
									Clearance:	0.512 inch	Skirt.		
									CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.				
11-807	8	93.000	53.90	31.80		1.50	59.00	92.960 Tolerance is + / - (mm inch) : 0.0045 0.00018					
		3.661	2.122	1.252		0.059	2.323	YELLOW:	92.9705	93.2205	93.4705	93.7205	93.9705
PISTON RING #		Total Clearance				1.50		RED:	92.9625	93.2125	93.4625	93.7125	93.9625
SWC10002 8CYL		mm	inch			0.059		BLUE:	3.65994	3.66978	3.67963	3.68947	3.69931
		-0.04	0.00			3.00	24.022	GREEN:	92.9495	93.1995	93.4495	93.6995	93.9495
						0.118	0.946		3.65943	3.66927	3.67911	3.68896	3.69880
									92.9575	93.2075	93.4575	93.7075	93.9575
									3.65974	3.66959	3.67943	3.68927	3.69911
									REMARKS:				
									Measure for CYL	13.00 mm	from Bottom of		
									Clearance:	0.512 inch	Skirt.		
									CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.				
11-807D	8	93.000	55.40	33.50	+	2.00	59.00	92.960 Tolerance is + / - (mm inch) : 0.0045 0.00018					
		3.661	2.181	1.319		0.079	0.059	2.323	YELLOW:	92.9705	93.2205	93.4705	93.7205
PISTON RING #		Total Clearance				1.50		RED:	92.9625	93.2125	93.4625	93.7125	93.9625
SWC10002 8CYL		mm	inch			0.059		BLUE:	3.65994	3.66978	3.67963	3.68947	3.69931
		-0.04	0.00			3.00	24.022	GREEN:	92.9495	93.1995	93.4495	93.6995	93.9495
						0.118	0.946		3.65943	3.66927	3.67911	3.68896	3.69880
									92.9575	93.2075	93.4575	93.7075	93.9575
									3.65974	3.66959	3.67943	3.68927	3.69911
									REMARKS:				
									Measure for CYL	10.00 mm	from Bottom of		
									Clearance:	0.394 inch	Skirt.		
									CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.				
11-809	8	90.200	52.10	30.75	-	3.50	61.00	90.170 Tolerance is + / - (mm inch) : 0.0045 0.00018					
		3.551	2.051	1.211		0.138	0.059	2.402	YELLOW:	90.1805	90.4305	90.6805	90.9305
PISTON RING #		Total Clearance				1.50		RED:	3.55041	3.56026	3.57010	3.57994	3.58978
SWF30006		mm	inch			0.059		BLUE:	90.1725	90.4225	90.6725	90.9225	91.1725
		-0.04	0.00			3.00	22.000	GREEN:	3.5010	3.55994	3.56978	3.57963	3.58947
						0.118	0.866		90.1595	90.4095	90.6595	90.9095	91.1595
									3.54959	3.55943	3.56927	3.57911	3.58896
									90.1675	90.4175	90.6675	90.9175	91.1675
									3.54990	3.55974	3.56959	3.57943	3.58927
									REMARKS:				
									Measure for CYL	6.00 mm	from Bottom of		
									Clearance:	0.236 inch	Skirt.		
									CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.				

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-810		PAGE # 91											
8	90.200	52.00	31.00	-	1.75	1.50	61.00	YELLOW:	90.1905	90.4405	90.6905	90.9405	91.1905
	3.551	2.047	1.220		0.069	0.059	2.402		3.55081	3.56065	3.57049	3.58033	3.59018
PISTON RING #		Total Clearance				1.50		RED:	90.1825	90.4325	90.6825	90.9325	91.1825
SWF30006		mm	inch			0.059			3.55049	3.56033	3.57018	3.58002	3.58986
		-0.04	0.00			3.00	22.000	BLUE:	90.1695	90.4195	90.6695	90.9195	91.1695
						0.118	0.866		3.54998	3.55982	3.56967	3.57951	3.58935
								GREEN:	90.1775	90.4275	90.6775	90.9275	91.1775
									3.55030	3.56014	3.56998	3.57982	3.58967
				Cir Clip				REMARKS:					
								Measure for CYL 5.00 mm from Bottom of Skirt.					
						SURFACE TREATMENT		Clearance: 0.197 inch					
						NONE							
				J05		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
11-811		PAGE # 97											
#	90.200	52.10	30.75	-	3.50	1.50	61.00	YELLOW:	90.1805	90.4305	90.6805	90.9305	91.1805
	3.551	2.051	1.211		0.138	0.059	2.402		3.55041	3.56026	3.57010	3.57994	3.58978
PISTON RING #		Total Clearance				1.50		RED:	90.1725	90.4225	90.6725	90.9225	91.1725
SWF30013 10CYL		mm	inch			0.059			3.55010	3.55994	3.56978	3.57963	3.58947
		-0.04	0.00			3.00	22.000	BLUE:	90.1595	90.4095	90.6595	90.9095	91.1595
						0.118	0.866		3.54959	3.55943	3.56927	3.57911	3.58896
								GREEN:	90.1675	90.4175	90.6675	90.9175	91.1675
									3.54990	3.55974	3.56959	3.57943	3.58927
				Cir Clip				REMARKS:					
								Measure for CYL 6.00 mm from Bottom of Skirt.					
						SURFACE TREATMENT		Clearance: 0.236 inch					
						NONE							
				J05		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
11-814		PAGE # 35											
4	87.500	66.30	30.20	+	11.50	1.50	72.60	RED:					
	3.445	2.610	1.189		0.453	0.059	2.858		87.4700	87.7200	87.9700	88.2200	88.4700
PISTON RING #		Total Clearance				1.50		GREEN:					
SWC10007		mm	inch			0.059			3.44370	3.45354	3.46339	3.47323	3.48307
		-0.03	-0.00118			3.00	22.00	NONE:	87.4900	87.7400	87.9900	88.2400	88.4900
						0.118	0.866		3.44449	3.45433	3.46417	3.47402	3.48386
				Cir Clip				REMARKS:					
								Measure for CYL 9.50 mm from Bottom of Skirt.					
						SURFACE TREATMENT		Clearance: 0.374 inch					
						NONE							
				T03		NONE							
11-817		PAGE # 45 225											
6	91.100	64.20	30.20	-	1.30	1.20	64.00	RED:					
	3.587	2.528	1.189		0.051	0.047	2.520		91.0600	91.3100	91.5600	91.8100	92.0600
PISTON RING #		Total Clearance				1.50		GREEN:					
SWM31078		mm	inch			0.059			3.58504	3.59488	3.60472	3.61457	3.62441
		-0.03	-0.00118			3.00	22.00	NONE:	91.0800	91.3300	91.5800	91.8300	92.0800
						0.118	0.866		3.58583	3.59567	3.60551	3.61535	3.62520
				Cir Clip				REMARKS:					
								Measure for CYL 19.50 mm from Bottom of Skirt.					
						SURFACE TREATMENT		Clearance: 0.768 inch					
						NONE							
				T03		NONE							

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
						OIL1	DIA.		inch	inch	inch	inch	inch
mm	mm	mm	mm	OIL2	mm	mm	mm	mm	mm	mm	mm	mm	
inch	inch	inch	inch					inch	inch	inch	inch	inch	
PAGE #		257						83.970 Tolerance is +/- (mm inch) : 0.01 0.00039					
11-818	4	84.000	58.90	29.40	4.90	1.20	59.00						
		3.307	2.319	1.157	0.193	0.047	2.323						
PISTON RING #		Total Clearance						RED: 83.9600 84.2100 84.4600 84.7100 84.9600					
		mm inch						3.30551 3.31535 3.32520 3.33504 3.34488					
SWS20178		-0.03 -0.00118						GREEN: 83.9800 84.2300 84.4800 84.7300 84.9800					
								3.30630 3.31614 3.32598 3.33583 3.34567					
		Cir Clip						REMARKS: Measure for CYL 16.00 mm from Bottom of Skirt. Clearance: 0.630 inch					
		NONE											
		T03											
PAGE #		85						90.180 Tolerance is +/- (mm inch) : 0.0045 0.00018					
11-820	8	90.200	56.20	30.86	3.86	1.50	62.00						
		3.551	2.213	1.215	0.152	0.059	2.441						
PISTON RING #		Total Clearance						YELLOW: 90.1905 90.4405 90.6905 90.9405 91.1905					
		mm inch						3.55081 3.56065 3.57049 3.58033 3.59018					
SWF30006		-0.04 -0.00157						RED: 90.1825 90.4325 90.6825 90.9325 91.1825					
								3.55049 3.56033 3.57018 3.58002 3.58986					
		Cir Clip						BLUE: 90.1695 90.4195 90.6695 90.9195 91.1695					
		NONE						3.54998 3.55982 3.56967 3.57951 3.58935					
		J05						GREEN: 90.1775 90.4275 90.6775 90.9275 91.1775					
								3.55030 3.56014 3.56998 3.57982 3.58967					
								REMARKS: Measure for CYL 11.00 mm from Bottom of Skirt. Clearance: 0.433 inch					
								CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		57						99.290 Tolerance is +/- (mm inch) : 0.0045 0.00018					
11-821	8	99.300	86.40	43.80		1.98	76.00						
		3.909	3.402	1.724		0.078	2.992						
PISTON RING #		Total Clearance						YELLOW: 99.3005 99.5505 99.8005 100.0505 100.3005					
		mm inch						3.90947 3.91931 3.92915 3.93900 3.94884					
SWC10019		-0.04 -0.00157						RED: 99.2925 99.5425 99.7925 100.0425 100.2925					
								3.90915 3.91900 3.92884 3.93868 3.94852					
		Cir Clip						BLUE: 99.2795 99.5295 99.7795 100.0295 100.2795					
		NONE						3.90864 3.91848 3.92833 3.93817 3.94801					
		J05						GREEN: 99.2875 99.5375 99.7875 100.0375 100.2875					
								3.90896 3.91880 3.92864 3.93848 3.94833					
								REMARKS: Measure for CYL 14.00 mm from Bottom of Skirt. Clearance: 0.551 inch					
PAGE #		73						84.810 Tolerance is +/- (mm inch) : 0.0045 0.00018					
11-822	4	84.860	47.10	37.10	4.70	1.50	63.30						
		3.341	1.854	1.461	0.185	0.059	2.492						
PISTON RING #		Total Clearance						YELLOW: 84.8205 85.0705 85.3205 85.5705 85.8205					
		mm inch						3.33939 3.34923 3.35907 3.36892 3.37876					
SWF30005		-0.04 -0.00157						RED: 84.8125 85.0625 85.3125 85.5625 85.8125					
								3.33907 3.34892 3.35876 3.36860 3.37844					
		Cir Clip						BLUE: 84.7995 85.0495 85.2995 85.5495 85.7995					
		NONE						3.33856 3.34841 3.35825 3.36809 3.37793					
		J05						GREEN: 84.8075 85.0575 85.3075 85.5575 85.8075					
								3.33888 3.34872 3.35856 3.36841 3.37825					
								REMARKS: Measure for CYL 7.00 mm from Bottom of Skirt. Clearance: 0.276 inch					

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

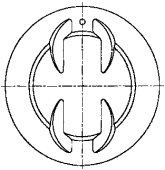
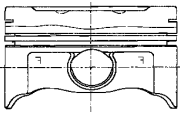
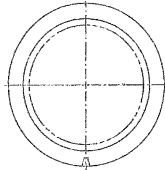
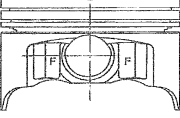
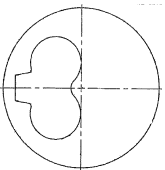
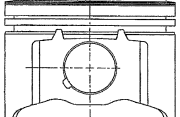
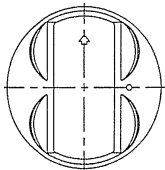
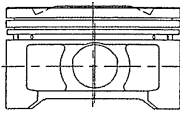
NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-823	8	101.600	60.60	33.80	1.10	1.50	70.00	101.560 Tolerance is +/- (mm inch) : 0.0045 0.00018					
		4.000	2.386	1.331	0.043	0.059	2.756	YELLOW:	101.5705	101.8205	102.0705	102.3205	102.5705
PISTON RING #		Total Clearance				1.50		RED:	101.5625	101.8125	102.0625	102.3125	102.5625
SWI10197		mm	inch			0.059		BLUE:	3.99852	4.00837	4.01821	4.02805	4.03789
		-0.04	-0.00157			3.00	24.00	GREEN:	101.5495	101.7995	102.0495	102.2995	102.5495
						0.118	0.945		3.99801	4.00785	4.01770	4.02754	4.03738
									101.5575	101.8075	102.0575	102.3075	102.5575
									3.99833	4.00817	4.01801	4.02785	4.03770
									REMARKS:				
									Measure for CYL	21.00 mm	from Bottom of		
									Clearance:	0.827 inch	Skirt.		
11-825	6	89.000	66.30	38.50		1.50	70.00	88.960 Tolerance is +/- (mm inch) : 0.0045 0.00018					
		3.504	2.610	1.516		0.059	2.756	YELLOW:	88.9705	89.2205	89.4705	89.7205	89.9705
PISTON RING #		Total Clearance				1.50		RED:	88.9625	89.2125	89.4625	89.7125	89.9625
SWI10155 SWT20075		mm	inch			0.059		BLUE:	3.50246	3.51230	3.52215	3.53199	3.54183
		-0.04	-0.00157			4.00	23.17	GREEN:	88.9495	89.1995	89.4495	89.6995	89.9495
						0.157	0.912		3.50195	3.51179	3.52163	3.53148	3.54132
									88.9575	89.2075	89.4575	89.7075	89.9575
									3.50226	3.51211	3.52195	3.53179	3.54163
									REMARKS:				
									Measure for CYL	8.00 mm	from Bottom of		
									Clearance:	0.315 inch	Skirt.		
11-826	6	96.800	59.10	31.80	3.60	1.50	63.30	96.830 Tolerance is +/- (mm inch) : 0.0025 0.00010					
		3.811	2.327	1.252	0.142	0.059	2.492	YELLOW:	96.8075	97.0575	97.3075	97.5575	97.8075
PISTON RING #		Total Clearance				1.50		RED:	96.7975	97.0475	97.2975	97.5475	97.7975
SWF30004		mm	inch			0.059		BLUE:	3.81093	3.82077	3.83061	3.84045	3.85030
		-0.04	-0.00157			3.00	23.00	GREEN:	96.7925	97.0425	97.2925	97.5425	97.7925
						0.118	0.906		3.81073	3.82057	3.83041	3.84026	3.85010
									96.8025	97.0525	97.3025	97.5525	97.8025
									3.81112	3.82096	3.83081	3.84065	3.85049
									REMARKS:				
									Measure for CYL	11.50 mm	from Bottom of		
									Clearance:	0.453 inch	Skirt.		
									<small>CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.</small>				
11-827	6	101.600	66.00	39.40	2.60	1.50	69.70	101.580 Tolerance is +/- (mm inch) : 0.0045 0.00018					
		4.000	2.598	1.551	0.102	0.059	2.744	YELLOW:	101.5905	101.8405	102.0905	102.3405	102.5905
PISTON RING #		Total Clearance				1.50		RED:	101.5825	101.8325	102.0825	102.3325	102.5825
SWI10196		mm	inch			0.059		BLUE:	3.99931	4.00915	4.01900	4.02884	4.03868
		-0.04	-0.00157			3.00	23.56	GREEN:	101.5695	101.8195	102.0695	102.3195	102.5695
						0.118	0.928		3.99880	4.00864	4.01848	4.02833	4.03817
									101.5775	101.8275	102.0775	102.3275	102.5775
									3.99911	4.00896	4.01880	4.02864	4.03848
									REMARKS:				
									Measure for CYL	12.00 mm	from Bottom of		
									Clearance:	0.472 inch	Skirt.		

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing Total Diameter, not one side.
EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION					
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-828	8	101.600	66.00	39.40	-	2.60	1.50	YELLOW:	101.5905	101.8405	102.0905	102.3405	102.5905
		4.000	2.598	1.551		0.102	0.059		2.744	3.99963	4.00947	4.01931	4.02915
PISTON RING #		Total Clearance						RED:	101.5825	101.8325	102.0825	102.3325	102.5825
		mm	inch						3.99931	4.00915	4.01900	4.02884	4.03868
SWI10197		-0.04	-0.00157					BLUE:	101.5695	101.8195	102.0695	102.3195	102.5695
									3.99880	4.00864	4.01848	4.02833	4.03817
								GREEN:	101.5775	101.8275	102.0775	102.3275	102.5775
									3.99911	4.00896	4.01880	4.02864	4.03848
				Cir Clip		SURFACE TREATMENT		REMARKS:					
				NONE		NONE		Measure for CYL 12.00 mm from Bottom of Skirt.					
				J05		NONE		Clearance: 0.472 inch					
PAGE #		143		145									
11-829	8	96.000	64.80	33.70	-	1.70	1.50	YELLOW:	95.9775	96.2275	96.4775	96.7275	96.9775
		3.780	2.551	1.327		0.067	0.059		2.835	3.77864	3.78848	3.79833	3.80817
PISTON RING #		Total Clearance						RED:	95.9675	96.2175	96.4675	96.7175	96.9675
		mm	inch						3.77825	3.78809	3.79793	3.80778	3.81762
SWG10005		-0.04	-0.00157					BLUE:	95.9625	96.2125	96.4625	96.7125	96.9625
									3.77805	3.78789	3.79774	3.80758	3.81742
								GREEN:	95.9725	96.2225	96.4725	96.7225	96.9725
									3.77844	3.78829	3.79813	3.80797	3.81781
				Cir Clip		SURFACE TREATMENT		REMARKS:					
				NONE		NONE		Measure for CYL 16.00 mm from Bottom of Skirt.					
				C17		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		137		177									
11-830	8	103.000	91.80	53.50	-	3.70	3.00	YELLOW:	102.9585	103.2085	103.4585	103.7085	103.9585
		4.055	3.614	2.106		0.146	0.118		2.756	4.05348	4.06333	4.07317	4.08301
PISTON RING #		Total Clearance						RED:	102.9485	103.1985	103.4485	103.6985	103.9485
		mm	inch						4.05309	4.06293	4.07278	4.08262	4.09246
SDG10024		-0.1016	-0.00400					BLUE:	102.9435	103.1935	103.4435	103.6935	103.9435
									4.05289	4.06274	4.07258	4.08242	4.09226
								GREEN:	102.9535	103.2035	103.4535	103.7035	103.9535
									4.05329	4.06313	4.07297	4.08281	4.09266
				Cir Clip		SURFACE TREATMENT		REMARKS:					
				C17		NONE		Measure for CYL 17.00 mm from Bottom of Skirt.					
								Clearance: 0.669 inch					
PAGE #		147		149									
11-832	6	86.000	52.20	30.00	+	0.70	1.20	RED:	85.9600	86.2100	86.4600	86.7100	86.9600
		3.386	2.055	1.181		0.028	0.047		2.126	3.38425	3.39409	3.40394	3.41378
PISTON RING #		Total Clearance						GREEN:	85.9800	86.2300	86.4800	86.7300	86.9800
		mm	inch						3.38504	3.39488	3.40472	3.41457	3.42441
SWH30432		-0.03	-0.00118					REMARKS:					
								Measure for CYL 7.00 mm from Bottom of Skirt.					
								Clearance: 0.276 inch					
				Cir Clip		SURFACE TREATMENT		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
				T03		Moly Skirt							
PAGE #		161											

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	+ DIST.	2ND	LENGTH	mm		mm	mm	mm	mm	
		mm inch	mm inch	mm inch	mm inch	OIL1	DIA.	inch		inch	inch	inch	inch	
11-833	4	87.000	53.60	29.60	-	2.60	1.20	52.00	86.970	Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.425	2.110	1.165		0.102	0.047			2.047	mm	inch	mm	inch
PISTON RING #		Total Clearance						RED:		86.9600	87.2100	87.4600	87.7100	87.9600
SWH30466		mm	inch					GREEN:		3.42362	3.43346	3.44331	3.45315	3.46299
		-0.03	-0.00118					REMARKS:		Measure for CYL 11.00 mm from Bottom of Skirt. Clearance: 0.433 inch				
				Cir Clip				CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
								SURFACE TREATMENT						
				T03				NONE						
				Moly Skirt										
PAGE #		161												
11-834	4	87.000	56.60	29.50	+	3.10	1.20	52.00	86.970	Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.425	2.228	1.161		0.122	0.047			2.047	mm	inch	mm	inch
PISTON RING #		Total Clearance						RED:		86.9600	87.2100	87.4600	87.7100	87.9600
SWH30466		mm	inch					GREEN:		3.42362	3.43346	3.44331	3.45315	3.46299
		-0.03	-0.00118					REMARKS:		Measure for CYL 11.00 mm from Bottom of Skirt. Clearance: 0.433 inch				
				Cir Clip				CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
								SURFACE TREATMENT						
				T03				NONE						
				Moly Skirt										
PAGE #		161												
11-835	6	89.000	51.50	30.00	-	2.40	1.20	54.00	88.970	Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.504	2.028	1.181		0.094	0.047			2.126	mm	inch	mm	inch
PISTON RING #		Total Clearance						RED:		88.9600	89.2100	89.4600	89.7100	89.9600
SWH30438		mm	inch					GREEN:		3.50236	3.51220	3.52205	3.53189	3.54173
		-0.03	-0.00118					REMARKS:		Measure for CYL 7.00 mm from Bottom of Skirt. Clearance: 0.276 inch				
				Cir Clip				CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
								SURFACE TREATMENT						
				T03				NONE						
				Moly Skirt										
PAGE #		163												
11-836	6	89.000	51.50	30.00	-	1.20	1.20	54.00	88.970	Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.504	2.028	1.181		0.047	0.047			2.126	mm	inch	mm	inch
PISTON RING #		Total Clearance						RED:		88.9600	89.2100	89.4600	89.7100	89.9600
SWH30438		mm	inch					GREEN:		3.50236	3.51220	3.52205	3.53189	3.54173
		-0.03	-0.00118					REMARKS:		Measure for CYL 7.00 mm from Bottom of Skirt. Clearance: 0.276 inch				
				Cir Clip				CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
								SURFACE TREATMENT						
				T03				NONE						
				Moly Skirt										
PAGE #		5		121		163								

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	DIST.	+	2ND	LENGTH		mm	mm	mm	mm	mm	
							OIL1	DIA.		inch	inch	inch	inch	inch	
mm	inch	mm	inch	mm	inch	OIL2	mm	mm	mm	mm	mm	mm			
11-837	4	PAGE # 165		75.500	53.70	30.70	0.20	1.50	47.50	75.470 Tolerance is +/- (mm inch) : 0.01 0.00039					
				2.972	2.114	1.209	-	0.008	0.059	1.870	RED: 75.4600 75.7100 75.9600 76.2100 76.4600 2.97087 2.98071 2.99055 3.00039 3.01024				
		PISTON RING #		Total Clearance					1.50						
SWG30017		mm	inch				0.059								
		-0.03	-0.00118				3.00	18.00							
							0.118	0.709	GREEN: 75.4800 75.7300 75.9800 76.2300 76.4800 2.97165 2.98150 2.99134 3.00118 3.01102						
		Cir Clip								REMARKS:					
		NONE								Measure for CYL 8.75 mm from Bottom of Skirt. Clearance: 0.344 inch					
		T03													
		SURFACE TREATMENT													
		NONE													
		T03													
11-838	4	PAGE # 165 181		82.000	57.80	31.00	0.30	1.20	59.00	81.970 Tolerance is +/- (mm inch) : 0.01 0.00039					
				3.228	2.276	1.220	+	0.012	0.047	2.323	RED: 81.9600 82.2100 82.4600 82.7100 82.9600 3.22677 3.23661 3.24646 3.25630 3.26614				
		PISTON RING #		Total Clearance					1.20						
SWG30028		mm	inch				0.047								
		-0.03	-0.00118				2.50	20.00							
							0.098	0.787	GREEN: 81.9800 82.2300 82.4800 82.7300 82.9800 3.22756 3.23740 3.24724 3.25709 3.26693						
		Cir Clip								REMARKS:					
		NONE								Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch					
		T03													
		SURFACE TREATMENT													
		NONE													
		T03													
11-840	4	PAGE # 173		86.000	53.70	27.60	1.20	1.20	61.50	85.970 Tolerance is +/- (mm inch) : 0.01 0.00039					
				3.386	2.114	1.087	+	0.047	0.047	2.421	RED: 85.9600 86.2100 86.4600 86.7100 86.9600 3.38425 3.39409 3.40394 3.41378 3.42362				
		PISTON RING #		Total Clearance					1.50						
SW110206		mm	inch				0.059								
		-0.03	-0.00118				2.50	21.00							
							0.098	0.827	GREEN: 85.9800 86.2300 86.4800 86.7300 86.9800 3.38504 3.39488 3.40472 3.41457 3.42441						
		Cir Clip								REMARKS:					
		NONE								Measure for CYL 11.00 mm from Bottom of Skirt. Clearance: 0.433 inch					
		T03													
		SURFACE TREATMENT													
		NONE													
		T03													
11-841	4	PAGE # 181		81.000	50.40	30.20	2.70	1.20	58.00	80.970 Tolerance is +/- (mm inch) : 0.01 0.00039					
				3.189	1.984	1.189	-	0.106	0.047	2.283	RED: 80.9600 81.2100 81.4600 81.7100 81.9600 3.18740 3.19724 3.20709 3.21693 3.22677				
		PISTON RING #		Total Clearance					1.20						
SWG30040		mm	inch				0.047								
		-0.03	-0.00118				2.50	20.00							
							0.098	0.787	GREEN: 80.9800 81.2300 81.4800 81.7300 81.9800 3.18819 3.19803 3.20787 3.21772 3.22756						
		Cir Clip								REMARKS:					
		NONE								Measure for CYL 5.50 mm from Bottom of Skirt. Clearance: 0.217 inch					
		T03													
		SURFACE TREATMENT													
		NONE													
		T03													

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-842		PAGE # 197											
4		83.000	64.00	30.70	3.00	1.50	56.58						
		3.268	2.520	1.209	0.118	0.059	2.228						
PISTON RING #		Total Clearance											
		mm	inch										
SWT20066		-0.03	-0.00118										
		Cir Clip											
		T03											
		SURFACE TREATMENT											
		NONE											
		T03											
		NONE											
		REMARKS:		Measure for CYL Clearance: 15.00 mm from Bottom of Skirt. 0.591 inch									
		82.970		Tolerance is +/- (mm inch) : 0.01 0.00039									
		RED:		82.9600	83.2100	83.4600	83.7100	83.9600					
				3.26614	3.27598	3.28583	3.29567	3.30551					
		GREEN:		82.9800	83.2300	83.4800	83.7300	83.9800					
				3.26693	3.27677	3.28661	3.29646	3.30630					
11-843		PAGE # 199											
4		87.500	51.00	28.50	4.00	1.20	61.50						
		3.445	2.008	1.122	0.157	0.047	2.421						
PISTON RING #		Total Clearance											
		mm	inch										
SWT20090		-0.03	-0.00118										
		Cir Clip											
		NONE											
		T03											
		SURFACE TREATMENT											
		Anodized Head											
		T03											
		Moly Skirt											
		REMARKS:		Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch									
		87.470		Tolerance is +/- (mm inch) : 0.01 0.00039									
		RED:		87.4600	87.7100	87.9600	88.2100	88.4600					
				3.44331	3.45315	3.46299	3.47283	3.48268					
		GREEN:		87.4800	87.7300	87.9800	88.2300	88.4800					
				3.44409	3.45394	3.46378	3.47362	3.48346					
11-844		PAGE # 199											
4		87.500	51.00	28.50	3.30	1.20	61.50						
		3.445	2.008	1.122	0.130	0.047	2.421						
PISTON RING #		Total Clearance											
		mm	inch										
SWT20090		-0.03	-0.00118										
		Cir Clip											
		NONE											
		J05											
		SURFACE TREATMENT											
		Anodized Head											
		J05											
		Moly Skirt											
		REMARKS:		Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch									
		87.480		Tolerance is +/- (mm inch) : 0.0045 0.00018									
		YELLOW:		87.4905	87.7405	87.9905	88.2405	88.4905					
				3.44451	3.45435	3.46419	3.47404	3.48388					
		RED:		87.4825	87.7325	87.9825	88.2325	88.4825					
				3.44419	3.45404	3.46388	3.47372	3.48356					
		BLUE:		87.4695	87.7195	87.9695	88.2195	88.4695					
				3.44368	3.45352	3.46337	3.47321	3.48305					
		GREEN:		87.4775	87.7275	87.9775	88.2275	88.4775					
				3.44400	3.45384	3.46368	3.47352	3.48337					
11-847		PAGE # 225											
6		93.000	64.20	30.20	4.80	1.50	64.00						
		3.661	2.528	1.189	0.189	0.059	2.520						
PISTON RING #		Total Clearance											
		mm	inch										
SWM31121		-0.03	-0.00118										
		Cir Clip											
		T03											
		SURFACE TREATMENT											
		Anodized Head											
		T03											
		NONE											
		REMARKS:		Measure for CYL Clearance: 20.00 mm from Bottom of Skirt. 0.787 inch									
		92.970		Tolerance is +/- (mm inch) : 0.01 0.00039									
		RED:		92.9600	93.2100	93.4600	93.7100	93.9600					
				3.65984	3.66969	3.67953	3.68937	3.69921					
		GREEN:		92.9800	93.2300	93.4800	93.7300	93.9800					
				3.66063	3.67047	3.68031	3.69016	3.70000					

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION								
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)		
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm		
		mm	mm	mm	mm	OIL1	DIA.		inch	inch	inch	inch	inch		
		mm	mm	mm	mm	OIL2	mm	MID	MID	MID	MID	MID			
11-848	6	95.000	56.80	29.10	+	0.20	1.20	94.970	Tolerance is +/- (mm inch) : 0.01 0.00039						
		3.740	2.236	1.146		0.008	0.047		2.283	RED:	94.9600	95.2100	95.4600	95.7100	95.9600
											3.73858	3.74843	3.75827	3.76811	3.77795
PISTON RING #		Total Clearance					1.20								
SWM31148		mm	inch				0.047								
		-0.03	-0.00118				2.00								
							0.079								
		Cir Clip													
		T03													
PAGE #		227													
SURFACE TREATMENT		Anodized Head													
Moly Skirt															
REMARKS:		Measure for CYL													
		Clearance:													
		12.00 mm													
		0.472 inch													
		from Bottom of Skirt.													
CAUTION!!:		Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.													
11-849	4	84.000	52.80	31.20	+	3.20	1.20	83.970	Tolerance is +/- (mm inch) : 0.01 0.00039						
		3.307	2.079	1.228		0.126	0.047		2.087	RED:	83.9600	84.2100	84.4600	84.7100	84.9600
											3.30551	3.31535	3.32520	3.33504	3.34488
PISTON RING #		Total Clearance					1.20								
SWN30154		mm	inch				0.047								
		-0.03	-0.00118				2.00								
							0.079								
		Cir Clip													
		T03													
PAGE #		231													
SURFACE TREATMENT		Anodized Head													
Moly Skirt															
REMARKS:		Measure for CYL													
		Clearance:													
		5.50 mm													
		0.217 inch													
		from Bottom of Skirt.													
CAUTION!!:		Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.													
11-850	4	86.000	61.00	38.90	-	3.90	1.20	85.970	Tolerance is +/- (mm inch) : 0.01 0.00039						
		3.386	2.402	1.531		0.154	0.047		2.205	RED:	85.9600	86.2100	86.4600	86.7100	86.9600
											3.38425	3.39409	3.40394	3.41378	3.42362
PISTON RING #		Total Clearance					1.20								
SWT10186		mm	inch				0.047								
		-0.03	-0.00118				2.00								
							0.079								
		Cir Clip													
		T03													
PAGE #		265													
SURFACE TREATMENT		Anodized Head													
Moly Skirt															
REMARKS:		Measure for CYL													
		Clearance:													
		6.50 mm													
		0.256 inch													
		from Bottom of Skirt.													
CAUTION!!:		Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.													
11-851	6	86.000	59.00	34.00	-	2.30	1.50	85.970	Tolerance is +/- (mm inch) : 0.01 0.00039						
		3.386	2.323	1.339		0.091	0.059		2.598	RED:	85.9600	86.2100	86.4600	86.7100	86.9600
											3.38425	3.39409	3.40394	3.41378	3.42362
PISTON RING #		Total Clearance					1.50								
SWT10134		mm	inch				0.059								
		-0.03	-0.00118				4.00								
							0.157								
		Cir Clip													
		T03													
PAGE #		187 271													
SURFACE TREATMENT		NONE													
Moly Skirt															
REMARKS:		Measure for CYL													
		Clearance:													
		10.00 mm													
		0.394 inch													
		from Bottom of Skirt.													
CAUTION!!:		Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.													

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION					
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	OIL1	DIA.		inch	inch	inch	inch	inch
11-852	4	89.000	54.80	32.00	-	4.00	1.20	57.00	88.980 Tolerance is +/- (mm inch) : 0.0045 0.00018				
		3.504	2.157	1.260					0.157	0.047	2.244	YELLOW:	88.9905
PISTON RING #		Total Clearance											
SWN30143		mm	inch										
		-0.03	-0.00118										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				J05		Anodized Head							
				J05		Moly Skirt							
PAGE #		235											
REMARKS:		Measure for CYL		19.00 mm		from Bottom of							
		Clearance:		0.748 inch		Skirt.							
CAUTION!!:		Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.											
11-853	8	90.200	52.00	30.70			1.50	62.00	90.180 Tolerance is +/- (mm inch) : 0.0045 0.00018				
		3.551	2.047	1.209					0.059	2.441	YELLOW:	90.1905	90.4405
PISTON RING #		Total Clearance											
SWF30006		mm	inch										
		-0.04	-0.00157										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				J05		Anodized Head							
				J05		Moly Skirt							
PAGE #		93											
REMARKS:		Measure for CYL		13.00 mm		from Bottom of							
		Clearance:		0.512 inch		Skirt.							
CAUTION!!:		Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.											
11-854	8	87.500	51.00	28.50	-	2.00	1.20	61.50	87.480 Tolerance is +/- (mm inch) : 0.0045 0.00018				
		3.445	2.008	1.122					0.079	0.047	2.421	YELLOW:	87.4905
PISTON RING #		Total Clearance											
SWT20090		mm	inch										
		-0.03	-0.00118										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				J05		Anodized Head							
				J05		Moly Skirt							
PAGE #		197											
REMARKS:		Measure for CYL		10.00 mm		from Bottom of							
		Clearance:		0.394 inch		Skirt.							
CAUTION!!:		Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.											
11-855	6	99.300	86.40	43.80			1.98	76.00	99.290 Tolerance is +/- (mm inch) : 0.0045 0.00018				
		3.909	3.402	1.724					0.078	2.992	YELLOW:	99.3005	99.5505
PISTON RING #		Total Clearance											
SWC10018		mm	inch										
		-0.04	-0.00157										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				J05		NONE							
PAGE #		53											
REMARKS:		Measure for CYL		14.00 mm		from Bottom of							
		Clearance:		0.551 inch		Skirt.							
CAUTION!!:		Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.											

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	OIL1	DIA.		inch	inch	inch	inch	inch
11-856	6	89.000	105.20	71.40	-	12.50	1.20	YELLOW:	101.9775	102.2275	102.4775	102.7275	102.9775
		3.504	4.142	2.811		0.492	0.047		3.268	4.01486	4.02470	4.03455	4.04439
PISTON RING #		Total Clearance				1.50		RED:	101.9675	102.2175	102.4675	102.7175	102.9675
SDC10022		mm	inch			0.059		BLUE:	4.01447	4.02431	4.03415	4.04400	4.05384
		-0.1016	-0.00400			2.50	40.00	GREEN:	101.9625	102.2125	102.4625	102.7125	102.9625
						0.098	1.575		4.01427	4.02411	4.03396	4.04380	4.05364
									101.9725	102.2225	102.4725	102.7225	102.9725
									4.01467	4.02451	4.03435	4.04419	4.05404
									REMARKS:				
									Measure for CYL	20.00 mm	from Bottom of		
									Clearance:	0.787 inch	Skirt.		
									SURFACE TREATMENT				
									NONE				
									C17 NONE				
									Cir Clip				
									C17				
									PAGE # 63				
11-857	8	95.000	85.80	52.04	-	16.40	2.25	YELLOW:	94.9775	95.2275	95.4775	95.7275	95.9775
		3.740	3.378	2.049		0.646	0.089		2.559	3.73927	3.74911	3.75896	3.76880
PISTON RING #		Total Clearance				2.00		RED:	94.9675	95.2175	95.4675	95.7175	95.9675
SDF30002		mm	inch			0.079		BLUE:	3.73888	3.74872	3.75856	3.76841	3.77825
		-0.1016	-0.00400			3.50	34.00	GREEN:	94.9625	95.2125	95.4625	95.7125	95.9625
						0.138	1.339		3.73868	3.74852	3.75837	3.76821	3.77805
									94.9725	95.2225	95.4725	95.7225	95.9725
									3.73907	3.74892	3.75876	3.76860	3.77844
									REMARKS:				
									Measure for CYL	15.00 mm	from Bottom of		
									Clearance:	0.591 inch	Skirt.		
									CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.				
									SURFACE TREATMENT				
									NONE				
									C17 Moly Skirt				
									Cir Clip				
									C17				
									PAGE # 95				
11-859	6	95.500	52.60	29.60		1.20	58.00	RED:	95.4600	95.7100	95.9600	96.2100	96.4600
		3.760	2.071	1.165		0.047	2.283		3.75827	3.76811	3.77795	3.78780	3.79764
PISTON RING #		Total Clearance				1.20		GREEN:	95.4800	95.7300	95.9800	96.2300	96.4800
SWN30131		mm	inch			0.047			3.75906	3.76890	3.77874	3.78858	3.79843
		-0.03	-0.00118			2.50	22.00		REMARKS:				
						0.098	0.866		Measure for CYL	9.50 mm	from Bottom of		
									Clearance:	0.374 inch	Skirt.		
									CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.				
									SURFACE TREATMENT				
									Anodized Head				
									T03 Moly Skirt				
									Cir Clip				
									T03				
									PAGE # 169				
11-860	6	95.500	53.80	29.50	+	0.80	1.20	RED:	95.4600	95.7100	95.9600	96.2100	96.4600
		3.760	2.118	1.161		0.047	2.283		3.75827	3.76811	3.77795	3.78780	3.79764
PISTON RING #		Total Clearance				1.20		GREEN:	95.4800	95.7300	95.9800	96.2300	96.4800
SWN30131		mm	inch			0.047			3.75906	3.76890	3.77874	3.78858	3.79843
		-0.03	-0.00118			2.50	22.00		REMARKS:				
						0.098	0.866		Measure for CYL	9.50 mm	from Bottom of		
									Clearance:	0.374 inch	Skirt.		
									CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.				
									SURFACE TREATMENT				
									Anodized Head				
									T03 Moly Skirt				
									Cir Clip				
									T03				
									PAGE # 169 237				

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	OIL1	DIA.		inch	inch	inch	inch	inch
11-861	8	99.570	59.00	31.00	+	4.00	1.50	71.00	99.530 Tolerance is +/- (mm inch) : 0.0045 0.00018				
		3.920	2.323	1.220					0.059	2.795	YELLOW:	99.5405	99.7905
PISTON RING #		Total Clearance				1.50		RED:	99.5325	99.7825	100.0325	100.2825	100.5325
SWC10016		mm	inch			0.059		BLUE:	99.5195	99.7695	100.0195	100.2695	100.5195
		-0.04	-0.00157			3.00	24.00	GREEN:	99.5275	99.7775	100.0275	100.2775	100.5275
						0.118	0.945	REMARKS: Measure for CYL 5.00 mm from Bottom of Skirt. Clearance: 0.197 inch					
		Cir Clip		NONE		SURFACE TREATMENT		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
		NONE		Anodized Head		Moly Skirt							
		J05											
PAGE #		59											
11-862	6	86.700	54.00	30.40	-	0.80	1.20	60.00	86.680 Tolerance is +/- (mm inch) : 0.0045 0.00018				
		3.413	2.126	1.197					0.047	2.362	YELLOW:	86.6905	86.9405
PISTON RING #		Total Clearance				1.20		RED:	86.6825	86.9325	87.1825	87.4325	87.6825
SWG30037		mm	inch			0.047		BLUE:	86.6695	86.9195	87.1695	87.4195	87.6695
		-0.03	-0.00118			2.50	21.01	GREEN:	86.6775	86.9275	87.1775	87.4275	87.6775
						0.098	0.827	REMARKS: Measure for CYL 6.00 mm from Bottom of Skirt. Clearance: 0.236 inch					
		Cir Clip		NONE		SURFACE TREATMENT		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
		NONE		NONE		NONE							
		J05											
PAGE #		167 183											
11-863	6	93.000	53.60	31.70	-	2.30	1.50	67.50	92.970 Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.661	2.110	1.248					0.059	2.657	RED:	92.9600	93.2100
PISTON RING #		Total Clearance				1.50		GREEN:	92.9800	93.2300	93.4800	93.7300	93.9800
SWC10002		mm	inch			0.059		REMARKS: Measure for CYL 7.00 mm from Bottom of Skirt. Clearance: 0.276 inch					
		-0.04	-0.00157			3.00	22.89	CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
						0.118	0.901						
		Cir Clip		NONE		SURFACE TREATMENT							
		NONE		NONE		Moly Skirt							
		T03											
PAGE #		47											
11-864	6	96.000	54.10	32.30	-	2.30	1.20	71.50	95.970 Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.780	2.130	1.272					0.091	2.815	RED:	95.9600	96.2100
PISTON RING #		Total Clearance				1.50		GREEN:	95.9775	96.2275	96.4775	96.7275	96.9775
SWC10015		mm	inch			0.059		REMARKS: Measure for CYL 6.50 mm from Bottom of Skirt. Clearance: 0.256 inch					
		-0.04	-0.00157			3.00	22.89	CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
						0.118	0.901						
		Cir Clip		NONE		SURFACE TREATMENT							
		NONE		NONE		Moly Skirt							
		T03											
PAGE #		51 281											

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

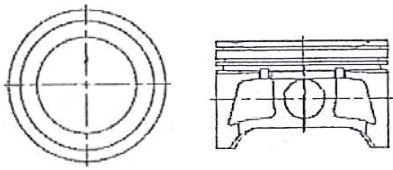
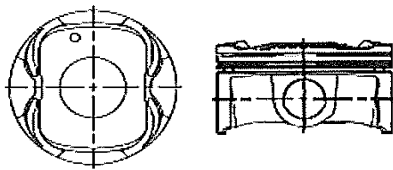
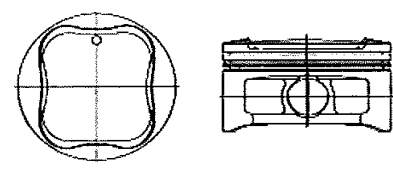
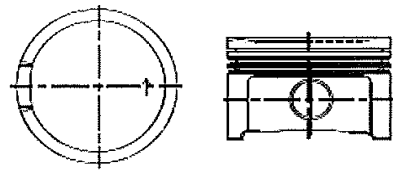
NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
PAGE #		73											
11-865	4	84.800	54.20	29.40	+	0.80	1.50	84.780	Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.339	2.134	1.157		0.031	0.059		2.323				
PISTON RING #		Total Clearance											
		mm	inch										
SWF30005		-0.03	-0.00118										
				Cir Clip		NONE		REMARKS:					
				NONE		SURFACE TREATMENT		Measure for CYL 11.00 mm from Bottom of Skirt.					
				T03		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		159											
11-866	4	86.000	54.00	24.50	+	2.50	1.20	85.970	Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.386	2.126	0.965		0.098	0.047		2.047				
PISTON RING #		Total Clearance											
		mm	inch										
SWH30454		-0.03	-0.00118										
				Cir Clip		NONE		REMARKS:					
				T03		Moly Skirt		Measure for CYL 8.50 mm from Bottom of Skirt.					
				T03		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		187 271											
11-867	6	92.000	54.50	31.20	-	0.60	1.20	97.170	Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.622	2.146	1.228		0.024	0.047		2.205				
PISTON RING #		Total Clearance											
		mm	inch										
SWT10228		-0.03	-0.00118										
				Cir Clip		NONE		REMARKS:					
				T03		Moly Skirt		Measure for CYL 9.40 mm from Bottom of Skirt.					
				T03		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		201											
11-868	6	89.000	52.60	30.00	+	1.00	1.20	88.970	Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.504	2.071	1.181		0.039	0.047		2.382				
PISTON RING #		Total Clearance											
		mm	inch										
SWF30021		-0.03	-0.00118										
				Cir Clip		NONE		REMARKS:					
				T03		Moly Skirt		Measure for CYL 7.00 mm from Bottom of Skirt.					
				T03		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION									
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)			
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm			
						OIL1	DIA.		inch	inch	inch	inch	inch			
mm	mm	mm	mm	mm	OIL2	mm	mm	mm	mm	mm	mm	mm				
inch	inch	inch	inch	inch				inch	inch	inch	inch	inch				
PAGE #		231						79.970		Tolerance is +/- (mm inch) :		0.01	0.00039			
11-869	4	80.000	53.70	29.10	-	4.70	1.20	51.50	RED:							
		3.150	2.114	1.146						0.185	0.047	2.028				
		PISTON RING #		Total Clearance							1.20					
		mm	mm	inch			0.047									
		SWN30142	-0.03	-0.00118			2.50	19.00								
						0.098	0.748									
		Cir Clip				SURFACE TREATMENT		REMARKS:								
						Anodized Head		Measure for CYL 12.50 mm from Bottom of Skirt.								
						T03		NONE								
PAGE #		187		271				93.970		Tolerance is +/- (mm inch) :		0.01	0.00039			
11-870	6	94.000	52.50	31.30	+	2.10	1.20	56.00	RED:							
		3.701	2.067	1.232						0.083	0.047	2.205				
		PISTON RING #		Total Clearance							1.20					
		mm	mm	inch			0.047									
		SDT10194	-0.03	-0.00118			2.00	22.00								
						0.079	0.866									
		Cir Clip				SURFACE TREATMENT		REMARKS:								
						Anodized Head		Measure for CYL 5.50 mm from Bottom of Skirt.								
						T03		Moly Skirt								
PAGE #		271						93.970		Tolerance is +/- (mm inch) :		0.01	0.00039			
11-871	6	94.000	56.50	32.70	+	2.80	1.20	62.00	RED:							
		3.701	2.224	1.287						0.110	0.047	2.441				
		PISTON RING #		Total Clearance							1.20					
		mm	mm	inch			0.047									
		SDT10195	-0.03	-0.00118			2.00	22.00								
						0.079	0.866									
		Cir Clip				SURFACE TREATMENT		REMARKS:								
						Anodized Head		Measure for CYL 8.00 mm from Bottom of Skirt.								
						T03		Moly Skirt								
PAGE #		275						80.980		Tolerance is +/- (mm inch) :		0.01	0.00039			
11-872	4	81.000	53.70	32.70	-	1.90	1.50	50.00	RED:							
		3.189	2.114	1.287						0.075	0.059	1.969				
		PISTON RING #		Total Clearance							1.75					
		mm	mm	inch			0.069									
		SWE50744	-0.03	-0.00118			2.00	19.00								
						0.079	0.748									
		Cir Clip				SURFACE TREATMENT		REMARKS:								
						Anodized Head		Measure for CYL 8.00 mm from Bottom of Skirt.								
						T03		Moly Skirt								
PAGE #		275						80.980		Tolerance is +/- (mm inch) :		0.01	0.00039			
PAGE #		275						80.980		Tolerance is +/- (mm inch) :		0.01	0.00039			

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-873	8	99.500	58.70	34.70	+	4.00	1.50	YELLOW:	99.4805	99.7305	99.9805	100.2305	100.4805
		3.917	2.311	1.366		0.157	0.059		2.795	3.91656	3.92640	3.93624	3.94608
PISTON RING #		Total Clearance					1.50	RED:	99.4725	99.7225	99.9725	100.2225	100.4725
SWC10016		mm	inch				0.059		3.91624	3.92608	3.93593	3.94577	3.95561
		-0.03	-0.00118				3.00	BLUE:	99.4595	99.7095	99.9595	100.2095	100.4595
							0.118		3.91573	3.92557	3.93541	3.94526	3.95510
								GREEN:	99.4675	99.7175	99.9675	100.2175	100.4675
									3.91604	3.92589	3.93573	3.94557	3.95541
						Cir Clip		REMARKS:					
						NONE	SURFACE TREATMENT		Measure for CYL 6.00 mm from Bottom of Skirt.				
						J05	Anodized Head		Clearance: 0.236 inch				
						J05	Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.				
PAGE #		57						99.470 Tolerance is +/- (mm inch) : 0.0045 0.00018					
11-874	6	89.000	64.80	40.80	+	1.80	1.50	YELLOW:	88.9805	89.2305	89.4805	89.7305	89.9805
		3.504	2.551	1.606		0.071	0.059		2.264	3.50317	3.51301	3.52285	3.53270
PISTON RING #		Total Clearance					1.50	RED:	88.9725	89.2225	89.4725	89.7225	89.9725
SWF30016		mm	inch				0.059		3.50285	3.51270	3.52254	3.53238	3.54222
		-0.03	-0.00118				3.00	BLUE:	88.9595	89.2095	89.4595	89.7095	89.9595
							0.118		3.50234	3.51219	3.52203	3.53187	3.54171
								GREEN:	88.9675	89.2175	89.4675	89.7175	89.9675
									3.50266	3.51250	3.52234	3.53219	3.54203
						Cir Clip		REMARKS:					
						NONE	SURFACE TREATMENT		Measure for CYL 11.00 mm from Bottom of Skirt.				
						J05	NONE		Clearance: 0.433 inch				
						J05	Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.				
PAGE #		79						88.970 Tolerance is +/- (mm inch) : 0.0045 0.00018					
11-875	6	96.000	62.20	38.20	-	0.60	1.20	RED:	95.9600	96.2100	96.4600	96.7100	96.9600
		3.780	2.449	1.504		0.024	0.047		2.402	3.77795	3.78780	3.79764	3.80748
PISTON RING #		Total Clearance					1.50	GREEN:	95.9800	96.2300	96.4800	96.7300	96.9800
SWC30013		mm	inch				0.059		3.77874	3.78858	3.79843	3.80827	3.81811
		-0.03	-0.00118				3.00	REMARKS:					
							0.118	Measure for CYL 9.00 mm from Bottom of Skirt.					
								Clearance: 0.354 inch					
								CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		49						95.970 Tolerance is +/- (mm inch) : 0.01 0.00039					
11-876	4	80.000	53.70	29.20	-	4.80	1.20	RED:	79.9600	80.2100	80.4600	80.7100	80.9600
		3.150	2.114	1.150		0.189	0.047		2.047	3.14803	3.15787	3.16772	3.17756
PISTON RING #		Total Clearance					1.20	GREEN:	79.9800	80.2300	80.4800	80.7300	80.9800
SWN30142		mm	inch				0.047		3.14882	3.15866	3.16850	3.17835	3.18819
		-0.03	-0.00118				2.50	REMARKS:					
							0.098	Measure for CYL 12.70 mm from Bottom of Skirt.					
								Clearance: 0.500 inch					
								CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		231						79.970 Tolerance is +/- (mm inch) : 0.01 0.00039					

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	+	2ND	LENGTH		mm	mm	mm	mm	mm
							OIL1	DIA.		inch	inch	inch	inch	inch
mm	inch	mm	inch	mm	inch	OIL2	mm	mm	mm	mm	mm	mm		
11-877	4	PAGE # 235		89.000	54.80	32.00	4.00	1.20	57.00	88.970 Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.504	2.157	1.260	-	0.157	0.047	2.244	RED: 88.9600 89.2100 89.4600 89.7100 89.9600 3.50236 3.51220 3.52205 3.53189 3.54173					
		PISTON RING # SWN30142		Total Clearance				1.20	19.99	GREEN: 88.9800 89.2300 89.4800 89.7300 89.9800 3.50315 3.51299 3.52283 3.53268 3.54252				
		mm	inch			0.047	0.098	REMARKS: Measure for CYL 9.50 mm from Bottom of Skirt. Clearance: 0.374 inch						
		-0.03	-0.00118					CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
								95.470 Tolerance is +/- (mm inch) : 0.01 0.00039						
11-878	6	PAGE # 239		95.500	55.10	31.60	2.10	1.20	58.00	RED: 95.4600 95.7100 95.9600 96.2100 96.4600 3.75827 3.76811 3.77795 3.78780 3.79764				
		3.760	2.169	1.244	-	0.083	0.047	2.283	GREEN: 95.4800 95.7300 95.9800 96.2300 96.4800 3.75906 3.76890 3.77874 3.78858 3.79843					
		PISTON RING # SWN30131		Total Clearance				1.20	21.99	REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch				
		mm	inch			0.047	0.098	CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
		-0.03	-0.00118					97.970 Tolerance is +/- (mm inch) : 0.01 0.00039						
11-879	8	PAGE # 171 239		98.000	52.00	31.60	4.20	1.50	59.60	RED: 97.9600 98.2100 98.4600 98.7100 98.9600 3.85669 3.86654 3.87638 3.88622 3.89606				
		3.858	2.047	1.244	-	0.165	0.059	2.346	GREEN: 97.9800 98.2300 98.4800 98.7300 98.9800 3.85748 3.86732 3.87717 3.88701 3.89685					
		PISTON RING # SWN30149		Total Clearance				1.50	22.00	REMARKS: Measure for CYL 6.00 mm from Bottom of Skirt. Clearance: 0.236 inch				
		mm	inch			0.059	0.098	CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
		-0.03	-0.00118					94.970 Tolerance is +/- (mm inch) : 0.01 0.00039						
11-880	4	PAGE # 269		98.000	59.40	39.30	8.70	1.20	62.00	RED: 94.9600 95.2100 95.4600 95.7100 95.9600 3.73858 3.74843 3.75827 3.76811 3.77795				
		3.858	2.339	1.547	-	0.343	0.047	2.441	GREEN: 94.9800 95.2300 95.4800 95.7300 95.9800 3.73937 3.74921 3.75906 3.76890 3.77874					
		PISTON RING # SDT10193		Total Clearance				1.20	22.00	REMARKS: Measure for CYL 6.30 mm from Bottom of Skirt. Clearance: 0.248 inch				
		mm	inch			0.047	0.079	CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.						
		-0.03	-0.00118					94.970 Tolerance is +/- (mm inch) : 0.01 0.00039						

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
EX: -0.04 (Total) / 2 = -0.02 (one side)



© 2012 NPR of America, Inc.

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-881	4	89.000	61.50	32.90	+	5.90	1.20	88.970	Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.504	2.421	1.295		0.232	0.047		2.244	mm	mm	mm	mm
PISTON RING #		Total Clearance						RED:	88.9600	89.2100	89.4600	89.7100	89.9600
		mm	inch						3.50236	3.51220	3.52205	3.53189	3.54173
TBA		-0.03	-0.00118					GREEN:	88.9800	89.2300	89.4800	89.7300	89.9800
									3.50315	3.51299	3.52283	3.53268	3.54252
				Cir Clip		SURFACE TREATMENT		REMARKS:					
						Anodized Head		Measure for CYL 9.50 mm from Bottom of Skirt.					
				T03		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		235		257				85.970 Tolerance is +/- (mm inch) : 0.01 0.00039					
11-882	4	86.000	55.80	30.00	+	3.80	1.20	85.970	Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.386	2.197	1.181		0.150	0.047		2.047	mm	mm	mm	mm
PISTON RING #		Total Clearance						RED:	85.9600	86.2100	86.4600	86.7100	86.9600
		mm	inch						3.38425	3.39409	3.40394	3.41378	3.42362
TBA		-0.03	-0.00118					GREEN:	85.9800	86.2300	86.4800	86.7300	86.9800
									3.38504	3.39488	3.40472	3.41457	3.42441
				Cir Clip		SURFACE TREATMENT		REMARKS:					
						NONE		Measure for CYL 8.50 mm from Bottom of Skirt.					
				T03		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		159						83.970 Tolerance is +/- (mm inch) : 0.01 0.00039					
11-883	6	84.000	58.90	29.40	-	4.90	1.20	83.970	Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.307	2.319	1.157		0.193	0.047		2.323	mm	mm	mm	mm
PISTON RING #		Total Clearance						RED:	83.9600	84.2100	84.4600	84.7100	84.9600
		mm	inch						3.30551	3.31535	3.32520	3.33504	3.34488
SWS20178		-0.03	-0.00118					GREEN:	83.9800	84.2300	84.4800	84.7300	84.9800
									3.30630	3.31614	3.32598	3.33583	3.34567
				Cir Clip		SURFACE TREATMENT		REMARKS:					
						NONE		Measure for CYL 16.00 mm from Bottom of Skirt.					
				T03		NONE		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		257						82.480 Tolerance is +/- (mm inch) : 0.01 0.00039					
11-900T	4	82.500	50.60	30.60	-	5.50	1.20	82.480	Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.248	1.992	1.205		0.217	0.047		2.205	mm	mm	mm	mm
PISTON RING #		Total Clearance						RED:	82.4700	82.7200	82.9700	83.2200	83.4700
		mm	inch						3.24685	3.25669	3.26654	3.27638	3.28622
SWE50524		-0.03	-0.00118					GREEN:	82.4900	82.7400	82.9900	83.2400	83.4900
									3.24764	3.25748	3.26732	3.27717	3.28701
				Cir Clip		SURFACE TREATMENT		REMARKS:					
						NONE		Measure for CYL 5.40 mm from Bottom of Skirt.					
				T03		Moly Skirt		CAUTION!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
PAGE #		279											

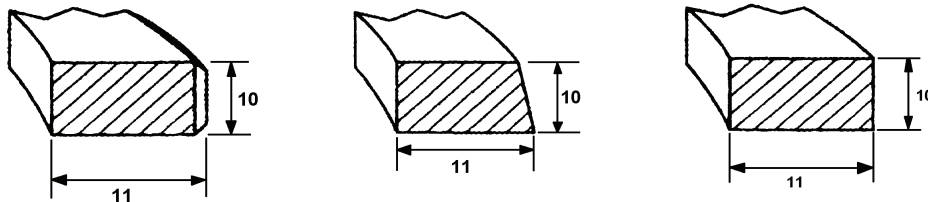
FORKLIFT & MEDIUM SIZE DIESEL ENGINES



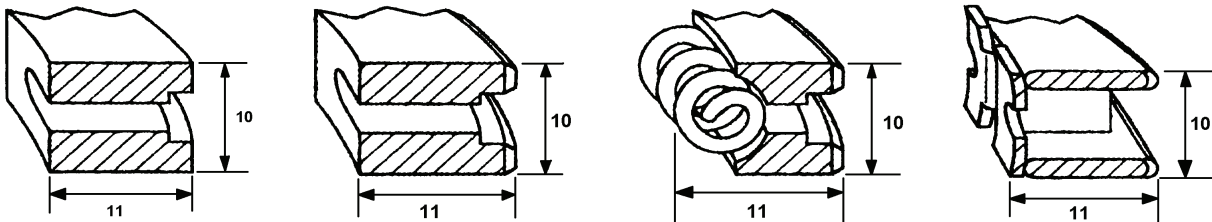
© 2012 NPR of America, Inc.

1	3	4	5	6	8	9			12	14	17	18	19	21
2				7		10	x	11	13	15	16			20

Compression Ring



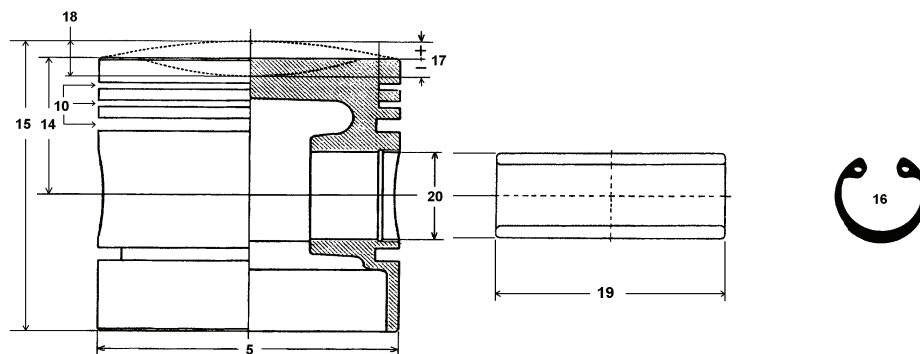
Oil Control Ring



Piston

Piston Pin

Circlip



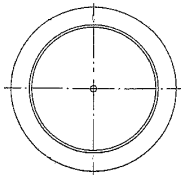
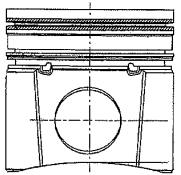
- | | |
|--|---------------------------------------|
| 1: Engine Model Code. | 12: NOA's Piston Part Number. |
| 2: Fuel Type. | 13: Piston Reference Number. |
| 3: Number of Cylinder. | 14: Compression Distance. |
| 4: Engine Size CC. | 15: Piston Length. |
| 5: Cylinder Diameter. | 16: Circlip or Press Fit Information. |
| 6: NOA's Piston Ring Part Number. | 17: Dome or Dish. |
| 7: Piston Ring Reference Number. | 18: Dome or Dish Height. |
| 8: Piston Ring Position. | 19: Piston Pin Length. |
| 9: Piston Ring Part Number. | 20: Piston Pin Diameter. |
| 10: Width of Compression & Oil Ring. | 21: Piston Head Shape Code. |
| 11: Radial Wall Thickness of
Compression Ring & Oil Ring. | 22: Piston Head Drawing. |

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION					
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART # OEM #	P S T	PISTON RING			PISTON PART # OEM #	PISTON INFORMATION				PISTON PIN	
FUEL						B mm	x	T mm		BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	LENGTH DIAMETER	
CHRYSLER															
6BT	6	5899	102.00	SDC10022	1	3.0K	x		11-856	102.00			-		
DIESEL				4089258 4638644 5011858AA	2	2.38	x		3970192	TOTAL CLEARANCE				mm	
					3		x			-0.10 mm					
					O1	4.00	x			Measure for CYL Clearance				mm	
					O2		x			mm from bottom of Skirt.					
									 		CirClip	SURFACE TREATMENT			
											NONE	HEAD:	NONE		
											C17	SKIRT:	NONE		

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION						
ENGINE MODEL	CYCLE	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P	PISTON RING			PISTON PART #	PISTON INFORMATION				PISTON PIN LENGTH		
FUEL	L			OEM #	T	S	B	x	T	#	BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	DIAMETER	
FORD																
PowerStroke 6.0	8	5954	95.00	SDF3000ZZ	1	2.25	x			11-857	95.00			-		
DIESEL				3C3Z 6148 AA						3C3Z 6108 AA	TOTAL CLEARANCE				mm	
											-0.10 mm					
											Measure for CYL Clearance					
											mm					
											from bottom of Skirt.					
												CirClip	SURFACE TREATMENT			
												NONE	HEAD:	NONE		
												C17	SKIRT:	MOLY SKIRT		
PowerStroke 7.3	8	7276	104.40	SDF3002ZZ	1	3.0K	x			NA	104.40			-		
DIESEL				F7TZ 6148 AAA F81Z 6148 AA						F81Z 6102 AA	TOTAL CLEARANCE				mm	
											-0.10 mm					
											Measure for CYL Clearance					
											mm					
											from bottom of Skirt.					
												CirClip	SURFACE TREATMENT			
												NONE	HEAD:			
												C17	SKIRT:			

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION					
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART # OEM #	P S T	PISTON RING			PISTON PART # OEM #	PISTON INFORMATION				PISTON PIN	
						B mm	x	T mm		BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	LENGTH	DIAMETER
GMC															
GM 6.5 DIESEL	8	6473	103.00	SDG10024ZZ	1	3.0K	x		11-830	103.00	91.80	53.50	-	3.70	70.00 mm
DIESEL				12369198	2	2.00	x		12550059	TOTAL CLEARANCE					
					3		x			-0.10 mm					
					O1	4.00	x			Measure for CYL Clearance					
					O2		x			17.00 mm from bottom of Skirt.					
												CirClip	SURFACE TREATMENT		
												NONE	HEAD:	NONE	
												C17	SKIRT:	NONE	
DURAMAX LMM	8	6599	103.00	SDI10183ZZ	1	2.95	x		11-884	103.00			-		mm
DIESEL				88894243	2	2.00	x		97226117 (L) 97226116 (R)	TOTAL CLEARANCE					
					3		x			mm					
					O1	3.00	x			Measure for CYL Clearance					
					O2		x			mm from bottom of Skirt.					
												CirClip	SURFACE TREATMENT		
												NONE	HEAD:		
												D04	SKIRT:		

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION					
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION				PISTON PIN LENGTH	
FUEL				OEM #					OEM #	BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	DIAMETER	
ISUZU															
C240	4	2369	86.00	SDI10047ZZ	1	2.00	x	3.50	DISCONTINUE	86.00	95.50	51.50	-	3.00	
DIESEL				9-12181-138-0	2	2.00	x	3.50	9-12111-834-0	TOTAL CLEARANCE				72.00 mm	
					3	2.00	x	3.50		mm					
					O1	5.00	x	2.80		Measure for CYL Clearance					
					O2	5.00	x	3.50		mm from bottom of Skirt.					
										CirClip		SURFACE TREATMENT			
												HEAD:			
												SKIRT:			
C240	4	2369	86.00	SJ110047ZZ	1	2.00	x	3.50	DISCONTINUE	86.00	95.50	51.50	-	3.00	
DIESEL				9-12181-138-0	2	2.00	x	3.50	9-12111-834-0	TOTAL CLEARANCE				72.00 mm	
					3	2.00	x	3.50		mm					
					O1	5.00	x	2.80		Measure for CYL Clearance					
					O2	5.00	x	3.50		mm from bottom of Skirt.					
										CirClip		SURFACE TREATMENT			
												HEAD:			
												SKIRT:			
C240	4	2369	86.00	SDI10051ZZ	1	2.00	x	3.50	DISCONTINUE	86.00	95.50	51.50	-	3.00	
DIESEL				5-12181-603-0	2	2.00	x	3.50	5-12111-064-0	TOTAL CLEARANCE				72.00 mm	
					3	2.00	x	3.50	9-12111-813-0	mm					
					O1	5.00	x	3.90	Measure for CYL Clearance						
					O2		x		mm from bottom of Skirt.						
										CirClip		SURFACE TREATMENT			
												HEAD:			
												SKIRT:			
C240	4	2369	86.00	DISCONTINUED	1	2.00	x	3.50	DISCONTINUE	86.00	95.50	51.50	-	3.00	
DIESEL				5-12181-027-0	2	2.00	x	3.50	5-12111-064-0	TOTAL CLEARANCE				72.00 mm	
					3	2.00	x	3.50		mm					
					O1	5.00	x	3.90		9-12111-813-0	Measure for CYL Clearance				
					O2		x	mm							
								mm from bottom of Skirt.							
										CirClip		SURFACE TREATMENT			
												HEAD:			
												SKIRT:			

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION						
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION				PISTON PIN LENGTH		
FUEL				OEM #					OEM #	BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	DIAMETER		
ISUZU																
C240	4	2369	86.00	SDI10051ZZ	1	2.00	x	3.50	DISCONTINUE	86.00	95.50	51.50	-	3.00	72.00 mm	
DIESEL				5-12181-603-0	2	2.00	x	3.50	5-12111-137-0	TOTAL CLEARANCE				-		2.70
					3	2.00	x	3.50		mm						
					O1	5.00	x	3.90		Measure for CYL Clearance				-		
					O2		x			mm from bottom of Skirt.						
										CirClip		SURFACE TREATMENT		HEAD:		
														SKIRT:		
C240	4	2369	86.00	DISCONTINUED	1	2.00	x	3.50	DISCONTINUE	86.00	96.50	51.60	-	0.20	72.00 mm	
DIESEL				5-12181-027-0 5-12181-603-0 5-12181-605-0 5-12121-007-0	2	2.00	x	3.50	5-12111-226-0	TOTAL CLEARANCE				-		2.80
					3	2.00	x	3.50		mm						
					O1	5.00	x	3.90		Measure for CYL Clearance				-		
					O2		x			mm from bottom of Skirt.						
										CirClip		SURFACE TREATMENT		HEAD:		
														SKIRT:		
C240	4	2369	86.00	SDI10093ZZ	1	2.50	x	4.00	DISCONTINUE	86.00	96.50	51.60	-	0.20	72.00 mm	
DIESEL				5-12121-022-0 5-12121-022-1	2	2.00	x	3.50	5-12111-226-0	TOTAL CLEARANCE				-		2.80
					3		x			mm						
					O1	5.00	x	4.30		Measure for CYL Clearance				-		
					O2		x			mm from bottom of Skirt.						
										CirClip		SURFACE TREATMENT		HEAD:		
														SKIRT:		
C240	4	2369	86.00	DISCONTINUED	1	2.50	x	4.00	DISCONTINUE	86.00	96.50	51.60	-	0.20	72.00 mm	
DIESEL				5-12121-022-0 5-12121-022-1	2	2.00	x	3.50	5-12111-226-0	TOTAL CLEARANCE				-		2.80
					3		x			mm						
					O1	5.00	x	4.30		Measure for CYL Clearance				-		
					O2		x			mm from bottom of Skirt.						
										CirClip		SURFACE TREATMENT		HEAD:		
														SKIRT:		

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

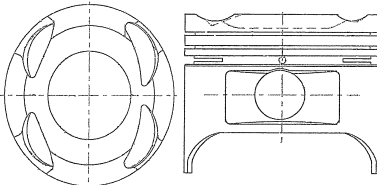
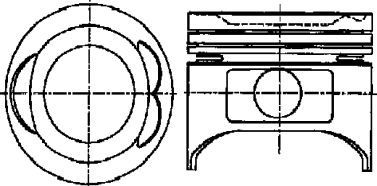
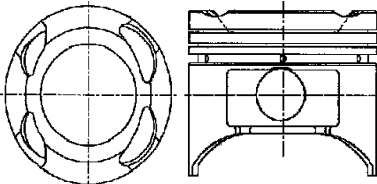
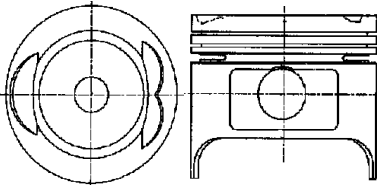
NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION					
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART # OEM #	P S T	PISTON RING			PISTON PART # OEM #	PISTON INFORMATION				PISTON PIN LENGTH DIAMETER	
						B mm	x	T mm		BORE mm	LENGTH mm	COMP. mm	+ DIST. mm		
ISUZU															
C240	4	2369	86.00	SDH10095ZZ	1	2.50	x	3.80	DISCONTINUE	86.00	84.50	51.50	-	2.00	68.00 mm
DIESEL				8-94104-949-0	2	2.00	x	3.50	8-94236-225-0	TOTAL CLEARANCE				27.00 mm	
					3		x			mm					
					O1	5.00	x	3.90		Measure for CYL Clearance					
					O2		x			mm from bottom of Skirt.					
										CirClip		SURFACE TREATMENT			
												HEAD:			
												SKIRT:			
C240	4	2369	86.00	DISCONTINUED	1	2.50	x	3.80	DISCONTINUE	86.00	84.50	51.50	-	2.00	68.00 mm
DIESEL				8-94104-949-0	2	2.00	x	3.50	8-94236-225-0	TOTAL CLEARANCE				27.00 mm	
					3		x			mm					
					O1	5.00	x	3.90		Measure for CYL Clearance					
					O2		x			mm from bottom of Skirt.					
										CirClip		SURFACE TREATMENT			
												HEAD:			
												SKIRT:			

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION					
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	PISTON PIN LENGTH	
FUEL				OEM #					OEM #					DIAMETER	
MAZDA															
F2	4	2184	86.00	SWT20048ZZ	1	1.50	x	3.30	11-582	86.00	71.50	36.50	-	7.00	66.00 mm
GASOLINE				F801-23-130 F2Y1-11-SCO	2	1.50	x	3.80	F2Y2-11-SAO	TOTAL CLEARANCE					
					3					15.00 mm					
					O1	4.00	x	3.25		Measure for CYL Clearance					22.00 mm
					O2					-0.04 mm from bottom of Skirt.					
										CirClip	SURFACE TREATMENT				
										NONE	HEAD:	NONE			
										T01	SKIRT:	NONE			
F2	4	2184	86.00	SWT20048ZZ	1	1.50	x	3.30	11-583	86.00	71.00	36.00	-	5.40	67.00 mm
GASOLINE				F801-23-130 F2Y1-11-SCO	2	1.50	x	3.80	F2Y4-11-SAO	TOTAL CLEARANCE					
					3					10.00 mm					
					O1	4.00	x	3.25		Measure for CYL Clearance					22.00 mm
					O2					-0.04 mm from bottom of Skirt.					
										CirClip	SURFACE TREATMENT				
										NONE	HEAD:	NONE			
										C17	SKIRT:	NONE			
F2	4	2184	86.00	SWT20048ZZ	1	1.50	x	3.30	11-573	86.00	71.50	36.50	-	9.50	67.00 mm
GASOLINE				F801-23-130 F2Y1-11-SCO	2	1.50	x	3.80	F220-11-SAO	TOTAL CLEARANCE					
					3					-0.04 mm					
					O1	4.00	x	3.25		Measure for CYL Clearance					22.00 mm
					O2					15.00 mm from bottom of Skirt.					
										CirClip	SURFACE TREATMENT				
										NONE	HEAD:	NONE			
										C17	SKIRT:	NONE			
FE	4	2184	86.00	SWT20048ZZ	1	1.50	x	3.30	11-129	86.00	71.00	34.00	-	2.60	65.00 mm
GASOLINE				F801-23-130 F2Y1-11-SCO	2	1.50	x	3.80	FE01-23-200	TOTAL CLEARANCE					
					3					-0.04 mm					
					O1	4.00	x	3.25		Measure for CYL Clearance					22.00 mm
					O2					10.00 mm from bottom of Skirt.					
										CirClip	SURFACE TREATMENT				
										NONE	HEAD:	NONE			
										C17	SKIRT:	NONE			

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION						
ENGINE MODEL	C	ENGINE SIZE	DIA	PISTON RING PART #	P	PISTON RING			PISTON PART #	PISTON INFORMATION				PISTON PIN		
FUEL	Y	CC	mm	OEM #	S	B	x	T	#	BORE	LENGTH	COMP.	+	DIST.	LENGTH	DIAMETER
	L				T	mm		mm	OEM #	mm	mm	mm		mm		
mitsubishi																
4G33	4	1238	73.00	SWM31016ZZ	1	1.50	x	3.30	11-249	73.00	70.00	32.70				
GASOLINE				MD009625 MD115500					MD009580 MD009581	TOTAL CLEARANCE				CirClip	SURFACE TREATMENT	
										-0.04 mm					HEAD: NONE	SKIRT: NONE
										Measure for CYL Clearance						
										mm						
										from bottom of Skirt.						
<p>122</p>										NONE	HEAD: NONE					
											J05	SKIRT: NONE				
4G33	4	1289	73.00	SWM30057ZZ	1	2.00	x	3.30	DISCONTINUE	73.00	68.70	32.70				
GASOLINE				MD000770					MD002710 MD002851	TOTAL CLEARANCE				CirClip	SURFACE TREATMENT	
										mm					HEAD: NONE	SKIRT: NONE
										Measure for CYL Clearance						
										mm						
										from bottom of Skirt.						
										NONE	HEAD: NONE					
											J05	SKIRT: NONE				
G33B	4	1439	73.00	SWM31024ZZ	1	1.50	x	2.70	DISCONTINUE	73.00	71.00	33.00	+	1.00		
GASOLINE				MD034010 MD115500					MD009541	TOTAL CLEARANCE				CirClip	SURFACE TREATMENT	
										mm					HEAD: NONE	SKIRT: NONE
										Measure for CYL Clearance						
										mm						
										from bottom of Skirt.						
										NONE	HEAD: NONE					
											J05	SKIRT: NONE				
G33B	4	1439	73.00	SWM31024ZZ	1	1.50	x	2.70	DISCONTINUE	73.00	68.30	94.00	+	0.30		
GASOLINE				MD034010 MD115500					MD106535	TOTAL CLEARANCE				CirClip	SURFACE TREATMENT	
										mm					HEAD: NONE	SKIRT: NONE
										Measure for CYL Clearance						
										mm						
										from bottom of Skirt.						
										NONE	HEAD: NONE					
											J05	SKIRT: NONE				

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION								
ENGINE MODEL FUEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING		PISTON RING			PISTON PART # OEM #	PISTON INFORMATION				PISTON PIN				
				PART # OEM #	P	S	B	x		T	BORE	LENGTH	COMP.	+	DIST.	LENGTH	DIAMETER	
						mm	mm	mm		mm	mm	mm		mm				
MITSUBISHI																		
4G32 GASOLINE	4	1597	76.90	SWM31005ZZ	1	2.00	x	3.50	DISCONTINUE	76.90	70.50	33.50	-	0.50	64.00 mm			
					2	2.00	x	3.50	TOTAL CLEARANCE				19.00 mm					
					3				MD004767	mm					CirClip	SURFACE TREATMENT		
					O1	4.00	x	3.85		MD008861	Measure for CYL Clearance							NONE
					O2				mm				NONE	SKIRT:	NONE			
														from bottom of Skirt.				
															CirClip		SURFACE TREATMENT	
															NONE		HEAD:	NONE
															NONE		SKIRT:	NONE
															CirClip		SURFACE TREATMENT	
															NONE		HEAD:	NONE
															NONE		SKIRT:	NONE
					4G32 GASOLINE	4	1597	76.90	SWM31005ZZ	1	2.00	x	3.50	DISCONTINUE	76.90	70.50	33.50	-
2	2.00	x	3.50	TOTAL CLEARANCE						19.00 mm								
3				MD004670								mm				CirClip	SURFACE TREATMENT	
O1	4.00	x	3.85							MD004761	Measure for CYL Clearance				NONE			
O2				MD008851							mm					NONE	SKIRT:	NONE
														from bottom of Skirt.				
										CirClip		SURFACE TREATMENT						
										NONE		HEAD:	NONE					
										NONE		SKIRT:	NONE					
										CirClip		SURFACE TREATMENT						
										NONE		HEAD:	NONE					
										NONE		SKIRT:	NONE					
4G32 GASOLINE	4	1597	76.90	SWM31043ZZ						1	1.50	x	3.10	11-3024	76.90	68.00	34.00	-
					2	1.50	x	3.50	TOTAL CLEARANCE				19.00 mm					
					3				MD105495	mm					CirClip	SURFACE TREATMENT		
					O1	4.00	x	3.85		Measure for CYL Clearance				NONE				HEAD:
					O2				mm				T05		SKIRT:	NONE		
														from bottom of Skirt.				
															CirClip		SURFACE TREATMENT	
															NONE		HEAD:	NONE
															T05		SKIRT:	NONE
															CirClip		SURFACE TREATMENT	
															NONE		HEAD:	NONE
															NONE		SKIRT:	NONE
					G32B GASOLINE	4	1597	76.90	SWM31005ZZ	1	2.00	x	3.50	DISCONTINUE	76.90	70.50	33.50	-
2	2.00	x	3.50	TOTAL CLEARANCE						19.00 mm								
3				MD009521								mm				CirClip	SURFACE TREATMENT	
O1	4.00	x	3.85							Measure for CYL Clearance				NONE	HEAD:			
O2				mm						NONE	SKIRT:	NONE						
											from bottom of Skirt.							
										CirClip		SURFACE TREATMENT						
										NONE		HEAD:	NONE					
										NONE		SKIRT:	NONE					
										CirClip		SURFACE TREATMENT						
										NONE		HEAD:	NONE					
										NONE		SKIRT:	NONE					

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

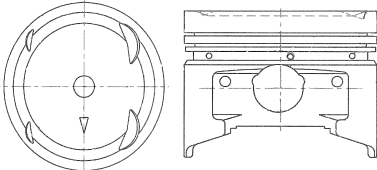
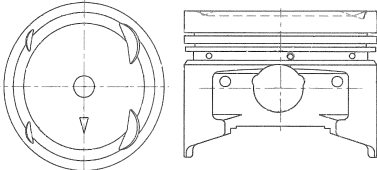
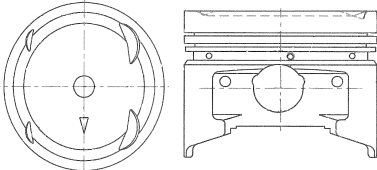
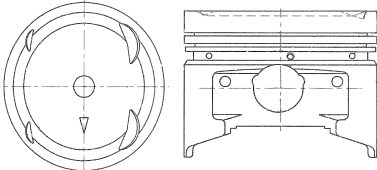
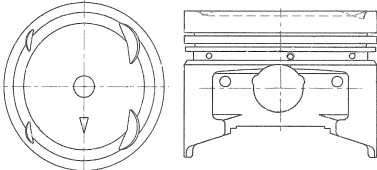
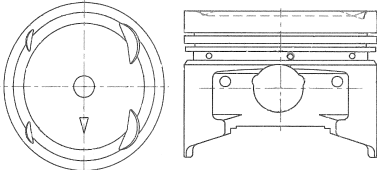
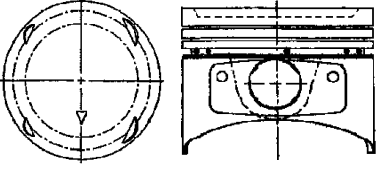
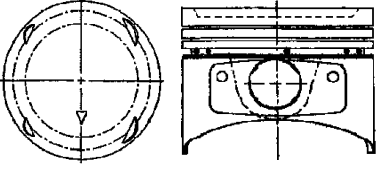
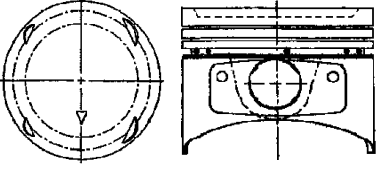
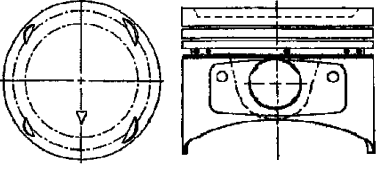
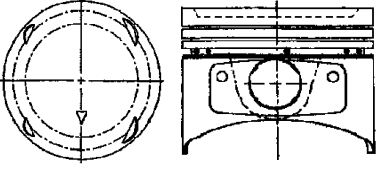
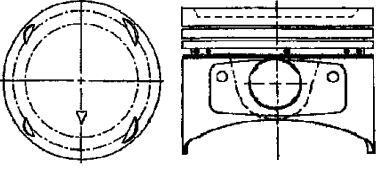
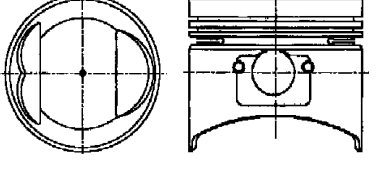
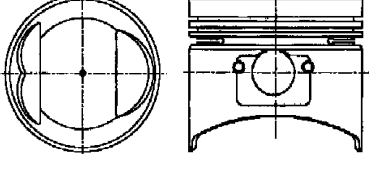
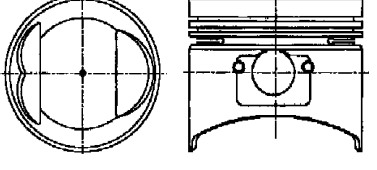
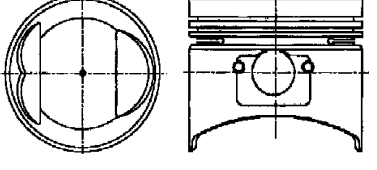
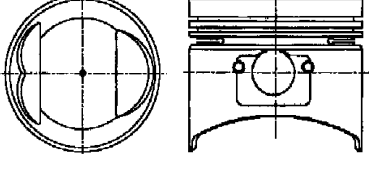
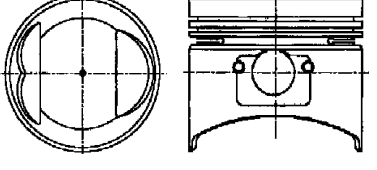
NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION															
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	PISTON PIN LENGTH											
FUEL				OEM #					OEM #					DIAMETER											
G32B GASOLINE	4	1597	76.90	SWM31043ZZ MD012765 MD062387 MD093337 MD099430	1	1.50	x	3.10	DISCONTINUE	76.90	68.00	34.00	-	1.40	64.00 mm 19.00 mm SURFACE TREATMENT HEAD: NONE SKIRT: NONE										
									2	1.50	x	3.50	MD100405	TOTAL CLEARANCE			mm								
									3					Measure for CYL Clearance				mm							
									O1	4.00	x	3.85		from bottom of Skirt.											
									O2																
G32T GASOLINE	4	1597	76.90	SWM31043ZZ MD012765 MD062387 MD093337 MD099430	1	1.50	x	3.10	DISCONTINUE	76.90	70.50	33.50	-	1.00	64.00 mm 19.00 mm SURFACE TREATMENT HEAD: NONE SKIRT: NONE										
									2	1.50	x	3.50	MD079158	TOTAL CLEARANCE			mm								
									3					Measure for CYL Clearance				mm							
									O1	4.00	x	3.85		from bottom of Skirt.											
									O2																
G32T GASOLINE	4	1597	76.90	SWM31043ZZ MD012765 MD062387 MD093337 MD099430	1	1.50	x	3.10	DISCONTINUE	76.90	70.50	33.50	-	6.00	64.00 mm 19.00 mm SURFACE TREATMENT HEAD: NONE SKIRT: NONE										
									2	1.50	x	3.50	MD074471	TOTAL CLEARANCE			mm								
									3					Measure for CYL Clearance				mm							
									O1	4.00	x	3.85		from bottom of Skirt.											
									O2																
4G52 GASOLINE	4	1995	84.00	SWM30074ZZ MD021010 MD021035 MD021070	1	2.00	x	3.60	DISCONTINUE	84.00	79.50	39.50	-		75.00 mm 22.00 mm SURFACE TREATMENT HEAD: NONE SKIRT: NONE										
									2	2.00	x	3.70	MD021000 MD021058	TOTAL CLEARANCE			mm								
									3					Measure for CYL Clearance				mm							
									O1	4.00	x	3.80		from bottom of Skirt.											
									O2																

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

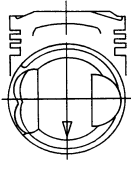
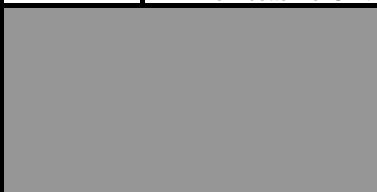
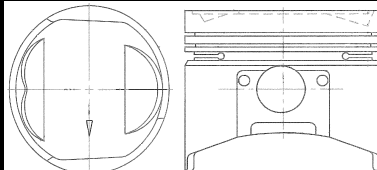

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION							
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	PISTON PIN LENGTH			
FUEL				OEM #					OEM #					DIAMETER			
4G63 GASOLINE	4	1997	85.00	SWM31048ZZ	1	1.20	x	3.60	DISCONTINUE	85.00	67.00	35.00	-	1.70	62.00 mm 22.00 mm SURFACE TREATMENT HEAD: NONE SKIRT: NONE		
				MD133185	2	1.50	x	3.70	MD188289	TOTAL CLEARANCE			-	-		-	
					3					mm							
					O1	3.00	x	3.80		Measure for CYL Clearance							
					O2					mm from bottom of Skirt.							
														CirClip			
														NONE			
4G63 GASOLINE	4	1997	85.00	SWM31071ZZ	1	1.20	x	3.10	11-718	85.00	67.00	35.00	-	2.20	62.00 mm 22.00 mm SURFACE TREATMENT HEAD: NONE SKIRT: NONE		
				MD195850	2	1.50	x	3.80	MD190262	TOTAL CLEARANCE			-	-		-	
					3					-0.04 mm							
					O1	3.00	x	2.55		Measure for CYL Clearance							
					O2					10.00 mm from bottom of Skirt.							
														CirClip			
														NONE			
														T01			
																	
																	
																	
4G63 GASOLINE	4	1997	85.00	SWM31071ZZ	1	1.20	x	3.10	11-719	85.00	67.00	35.00	-	5.40	62.00 mm 22.00 mm SURFACE TREATMENT HEAD: NONE SKIRT: NONE		
				MD195850	2	1.50	x	3.80	MD308200	TOTAL CLEARANCE			-	-		-	
					3					-0.04 mm							
					O1	3.00	x	2.55		Measure for CYL Clearance							
					O2					10.00 mm from bottom of Skirt.							
														CirClip			
														NONE			
														C17			
																	
																	
																	
G63B GASOLINE	4	1997	85.00	SWM31013ZZ	1	2.00	x	3.60	11-027	85.00	72.20	35.20	-	5.20	72.00 mm 21.00 mm SURFACE TREATMENT HEAD: NONE SKIRT: NONE		
				MD040640 MD040840 MD042580	2	2.00	x	3.70	MD040591	TOTAL CLEARANCE			-	-		-	
					3					-0.04 mm							
					O1	4.00	x	3.25		Measure for CYL Clearance							
					O2					10.00 mm from bottom of Skirt.							
														CirClip			
														NONE			
														J05			
																	
																	
																	

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION							NOA PISTON SPECIFICATION						
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B x T mm	PISTON PART #	PISTON INFORMATION				PISTON PIN LENGTH	
FUEL				OEM #			OEM #	BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	DIAMETER	
MITSUBISHI													
G63B	4	1997	85.00	SWM31013ZZ	1	2.00 x 3.60	11-3042	85.00	74.00	35.00	+	2.00	
GASOLINE				MD040640 MD040840 MD042580	2	2.00 x 3.70	MD040821	TOTAL CLEARANCE				72.00 mm	
					3				-0.04 mm				
					O1	4.00 x 3.25		Measure for CYL Clearance				21.00 mm	
					O2			mm					
								from bottom of Skirt.					
					 174				CirClip	SURFACE TREATMENT			
												NONE	HEAD: NONE
												T05	SKIRT: NONE
G63T	4	1997	85.00	SWM31013ZZ	1	2.00 x 3.60	DISCONTINUE	85.00	82.00	35.00	-	2.70	
GASOLINE				MD040640 MD040840 MD042580	2	2.00 x 3.70	MD041641	TOTAL CLEARANCE				72.00 mm	
					3				mm				
					O1	4.00 x 3.25		Measure for CYL Clearance				21.00 mm	
					O2			mm					
								from bottom of Skirt.					
									CirClip	SURFACE TREATMENT			
												NONE	HEAD: NONE
													SKIRT: NONE
G63B	4	1997	85.00	SWM31034ZZ	1	1.50 x 3.50	11-539	85.00	72.00	35.20	-	5.00	
GASOLINE				MD100467	2	1.50 x 3.80	MD100372	TOTAL CLEARANCE				72.00 mm	
					3				-0.04 mm				
					O1	4.00 x 3.30		Measure for CYL Clearance				21.00 mm	
					O2			10.00 mm					
								from bottom of Skirt.					
									CirClip	SURFACE TREATMENT			
												NONE	HEAD: NONE
												J05	SKIRT: NONE
4G64	4	2350	86.50	SWM31037ZZ	1	1.50 x 3.50	DISCONTINUE	86.50	73.00	35.00	+	1.00	
GASOLINE				MD085346	2	1.50 x 3.80	MD068759	TOTAL CLEARANCE				72.00 mm	
					3				mm				
					O1	4.00 x 3.30		Measure for CYL Clearance				21.00 mm	
					O2			mm					
								from bottom of Skirt.					
									CirClip	SURFACE TREATMENT			
												NONE	HEAD: NONE
													SKIRT: NONE

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION						
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	PISTON PIN LENGTH		
FUEL				OEM #					OEM #					DIAMETER		
4G64 GASOLINE	4	2350	86.50	SWM31037ZZ	1	1.50	x	3.50	11-538	86.50	72.40	34.90	+	0.50	72.00 mm	
				MD085346	2	1.50	x	3.80	MD105377	TOTAL CLEARANCE			+	0.30		
					3					-0.04 mm						
					O1	4.00	x	3.30		Measure for CYL Clearance						
					O2					15.00 mm						
											from bottom of Skirt.			21.00 mm		
															CirClip	SURFACE TREATMENT
														NONE		HEAD:
															C17	SKIRT:
4G64 GASOLINE	4	2350	86.50	SWM31072ZZ	1	1.20	x	3.10	11-536	86.50	67.40	35.00	+	0.30	62.00 mm	
				MD195872	2	1.50	x	3.80	MD1988998	TOTAL CLEARANCE			+	0.40		
					3					-0.04 mm						
					O1	3.00	x	2.55		Measure for CYL Clearance						
					O2					10.00 mm						
											from bottom of Skirt.			22.00 mm		
															CirClip	SURFACE TREATMENT
														NONE		HEAD:
															C17	SKIRT:
4G64 GASOLINE	4	2350	86.50	SWM31116ZZ	1	1.20	x	3.10	11-709	86.50	67.10	35.00	-	4.30	62.00 mm	
				MD195828	2	1.50	x	3.80	MD303071	TOTAL CLEARANCE						
					3					-0.02 mm						
					O1	2.80	x	2.55		Measure for CYL Clearance						
					O2					14.00 mm						
											from bottom of Skirt.			22.00 mm		
															CirClip	SURFACE TREATMENT
														NONE		HEAD:
															T01	SKIRT:
4G54 GASOLINE	4	2555	91.10	SWM31039ZZ	1	1.50	x	3.30	DISCONTINUE	91.10	77.20	35.20	-	3.00	79.00 mm	
				MD061258 MD076170 MD101895 MD106752	2	1.50	x	3.80	MD080394	TOTAL CLEARANCE						
					3					mm						
					O1	4.00	x	3.25		Measure for CYL Clearance						
					O2					mm						
											from bottom of Skirt.			22.00 mm		
															CirClip	SURFACE TREATMENT
														NONE		HEAD:
																SKIRT:

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION							NOA PISTON SPECIFICATION									
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B x T mm	PISTON PART #	PISTON INFORMATION				PISTON PIN LENGTH				
FUEL				OEM #			OEM #	BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	DIAMETER				
MITSUBISHI																
G54B	4	2555	91.10	SWM31047ZZ	1	2.00 x 3.50	DISCONTINUE	91.10	77.20	35.00	-	5.00				
GASOLINE				MD025089 MD026835 MD026920 MD027140 MD107813 MD107818	2	2.00 x 3.80	MD024947 MD024991 MD026861	TOTAL CLEARANCE				79.00 mm				
					3			mm								
					O1	4.00 x 3.25		Measure for CYL Clearance				22.00 mm				
					O2			mm from bottom of Skirt.								
												CirClip	SURFACE TREATMENT			
													NONE	HEAD:	NONE	
								SKIRT:	NONE							
G54B	4	2555	91.10	SWM31047ZZ	1	2.00 x 3.50	11-031	91.10	77.20	35.20						
GASOLINE				MD025089 MD026835 MD026920 MD027140 MD107813 MD107818	2	2.00 x 3.80	MD026921	TOTAL CLEARANCE				75.00 mm				
					3			-0.04 mm								
					O1	4.00 x 3.25		Measure for CYL Clearance				22.00 mm				
					O2			10.00 mm from bottom of Skirt.								
												CirClip	SURFACE TREATMENT			
													NONE	HEAD:	NONE	
							J05	SKIRT:	NONE							
G54B	4	2555	91.10	SWM31039ZZ	1	1.50 x 3.30	11-035	91.10	78.30	36.00	+	0.30				
GASOLINE				MD061258 MD076170 MD101895 MD106752	2	1.50 x 3.80	MD071172	TOTAL CLEARANCE				79.00 mm				
					3			-0.04 mm								
					O1	4.00 x 3.25		Measure for CYL Clearance				22.00 mm				
					O2			25.00 mm from bottom of Skirt.								
												CirClip	SURFACE TREATMENT			
													NONE	HEAD:	NONE	
							C17	SKIRT:	NONE							
G54B	4	2555	91.10	SWM31039ZZ	1	1.50 x 3.30	DISCONTINUE	91.10	77.20	35.20	-	5.00				
GASOLINE				MD061258 MD076170 MD101895 MD106752	2	1.50 x 3.80	MD061248 MD128450	TOTAL CLEARANCE				79.00 mm				
					3			mm								
					O1	4.00 x 3.25		Measure for CYL Clearance				22.00 mm				
					O2			mm from bottom of Skirt.								
												CirClip	SURFACE TREATMENT			
													NONE	HEAD:	NONE	
								SKIRT:	NONE							

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION					
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING			PISTON PART #	PISTON INFORMATION				PISTON PIN	
FUEL				OEM #		B mm	x	T mm	OEM #	BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	LENGTH	
MITSUBISHI															
G54B	4	2555	91.10	SWM31047ZZ	1	2.00	x	3.50	DISCONTINUE	91.10	77.20	35.20	-	5.00	
GASOLINE					2	2.00	x	3.80		TOTAL CLEARANCE				79.00 mm	
				MD025089	3				MD026781	mm					
				MD026835	O1	4.00	x	3.25	MD026940	Measure for CYL Clearance				22.00 mm	
				MD026920	O2					mm					
				MD027140						from bottom of Skirt.					
			MD107813											SURFACE TREATMENT	
			MD107818											CirClip	
														NONE	HEAD: NONE
															SKIRT: NONE

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION						
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION				PISTON PIN		
FUEL				OEM #					OEM #	BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	LENGTH	DIAMETER	
NISSAN																
D11 (A10)	4	988	73.00	SWN30026ZZ	1	2.00	x	3.00	DISCONTINUE	73.00	67.40	32.45				
GASOLINE				12033-A6200 12033-B3040 12033-H6200	2	2.00	x	3.00	12010-18021	TOTAL CLEARANCE				65.50 mm		
					3					mm						
					O1	4.00	x	3.05	12010-H2301	Measure for CYL Clearance				17.46 mm		
					O2				12010-H2361	mm						
										from bottom of Skirt.						
													CirClip	SURFACE TREATMENT		
													NONE	HEAD:	NONE	
														SKIRT:	NONE	
A12	4	1171	75.00	SWN30073ZZ	1	2.00	x	3.20	DISCONTINUE	75.00	67.20	32.50				
GASOLINE				12033-H8500	2	2.00	x	3.20	12010-H9012	TOTAL CLEARANCE				63.00 mm		
					3					mm						
					O1	4.00	x	3.00	12010-H9022	Measure for CYL Clearance				19.00 mm		
					O2					mm						
										from bottom of Skirt.						
													CirClip	SURFACE TREATMENT		
													NONE	HEAD:	NONE	
														SKIRT:	NONE	
A12	4	1171	75.00	SWN30073ZZ	1	2.00	x	3.20	DISCONTINUE	75.00	67.20	32.50	-	3.00		
GASOLINE				12033-H8500	2	2.00	x	3.20	12010-H9502	TOTAL CLEARANCE				63.00 mm		
					3					mm						
					O1	4.00	x	3.00	12010-H9512	Measure for CYL Clearance				19.00 mm		
					O2					mm						
										from bottom of Skirt.						
													CirClip	SURFACE TREATMENT		
													NONE	HEAD:	NONE	
														SKIRT:	NONE	
A12	4	1171	75.00	SWN20073ZZ	1	2.00	x	3.20	DISCONTINUE	75.00	67.20	32.50	-	2.40		
GASOLINE				12033-H8500	2	2.00	x	3.20	12010-H8511	TOTAL CLEARANCE				63.00 mm		
					3					mm						
					O1	4.00	x	3.00	12010-H8521	Measure for CYL Clearance				19.00 mm		
					O2					mm						
										from bottom of Skirt.						
													CirClip	SURFACE TREATMENT		
													NONE	HEAD:	NONE	
														SKIRT:	NONE	

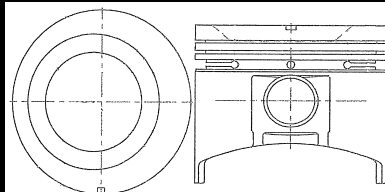
FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION					
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	PISTON PIN LENGTH	
FUEL				OEM #					OEM #					DIAMETER	
NISSAN															
A12	4	1189	73.00	SWN30026ZZ	1	2.00	x	3.00	DISCONTINUE	73.00	67.40	32.45	-	1.60	65.50 mm
GASOLINE				12033-A6200 12033-B3040 12033-H6200	2	2.00	x	3.00	12010-H1001	TOTAL CLEARANCE					
					3					mm					
					O1	4.00	x	3.05	12010-H1011	Measure for CYL Clearance			17.46 mm		
					O2				12010-H1061	mm from bottom of Skirt.					
										CirClip	SURFACE TREATMENT		HEAD: NONE	SKIRT: NONE	
										NONE			SKIRT: NONE		
A13	4	1270	73.00	SWN30026ZZ	1	2.00	x	3.00	DISCONTINUE	73.00	67.40	32.45	-	0.60	65.50 mm
GASOLINE				12033-A6200 12033-B3040 12033-H6200	2	2.00	x	3.00	12010-H6201	TOTAL CLEARANCE					
					3					mm					
					O1	4.00	x	3.05	12010-H6211	Measure for CYL Clearance			17.46 mm		
					O2					mm from bottom of Skirt.					
										CirClip	SURFACE TREATMENT		HEAD: NONE	SKIRT: NONE	
										NONE			SKIRT: NONE		
A15	4	1487	76.00	SWN30052ZZ	1	1.20	x	3.10	DISCONTINUE	76.00	65.00	30.00	-	5.50	63.00 mm
GASOLINE				12033-H7680 12033-H9800 12033-H9810 12033-H9915 12033-H9918	2	2.00	x	3.40	12010-H9714	TOTAL CLEARANCE					
					3					mm					
					O1	4.00	x	3.30		Measure for CYL Clearance			19.00 mm		
					O2					mm from bottom of Skirt.					
										CirClip	SURFACE TREATMENT		HEAD: NONE	SKIRT: NONE	
										NONE			SKIRT: NONE		
A15	4	1487	76.00	SWN30052ZZ	1	1.20	x	3.10	11-049	76.00	65.00	30.00	-	6.50	63.00 mm
GASOLINE				12033-H7680 12033-H9800 12033-H9810 12033-H9915 12033-H9918	2	2.00	x	3.40	12010-H9802	TOTAL CLEARANCE					
					3					-0.04 mm					
					O1	4.00	x	3.30		Measure for CYL Clearance			19.00 mm		
					O2					10.00 mm from bottom of Skirt.					
										CirClip	SURFACE TREATMENT		HEAD: NONE	SKIRT: NONE	
										NONE			SKIRT: NONE		
										T01			SKIRT: NONE		

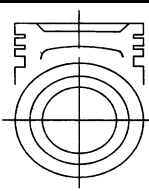
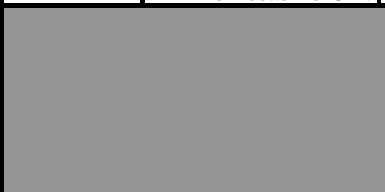
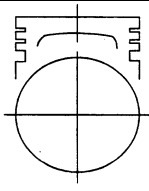
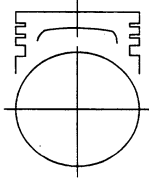


FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION					
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	PISTON PIN LENGTH	
FUEL				OEM #					OEM #					DIAMETER	
NISSAN															
A15	4	1487	76.00	SWN30052ZZ	1	1.20	x	3.10	11-3208	76.00	65.00	30.00	-	2.80	
GASOLINE					2	2.00	x	3.40	12010-H9704	TOTAL CLEARANCE				63.00 mm	
					3					-0.04 mm					
					O1	4.00	x	3.30		Measure for CYL Clearance					
					O2					mm			19.00 mm		
										from bottom of Skirt.					
									 10			CirClip	SURFACE TREATMENT		
														NONE	HEAD: NONE
														T05	SKIRT: NONE
A15S	4	1487	76.00	SWN30052ZZ	1	1.20	x	3.10	DISCONTINUE	76.00	65.00	30.00	-	6.50	
GASOLINE					2	2.00	x	3.40	12010-G3411	TOTAL CLEARANCE				63.00 mm	
					3					mm					
					O1	4.00	x	3.30		Measure for CYL Clearance					
					O2					mm			19.00 mm		
										from bottom of Skirt.					
												CirClip	SURFACE TREATMENT		
														NONE	HEAD: NONE
															SKIRT: NONE
J15	4	1500	77.95	SWN30033ZZ	1	2.00	x	3.30	11-248	77.95	79.30	39.80			
GASOLINE					2	2.00	x	3.70	12010-01W02	TOTAL CLEARANCE				66.50 mm	
					3					mm					
					O1	4.00	x	3.00		Measure for CYL Clearance					
					O2					mm			21.00 mm		
										from bottom of Skirt.					
									 01			CirClip	SURFACE TREATMENT		
														NONE	HEAD: NONE
														T03	SKIRT: NONE
J15	4	1500	77.95	SWN30033ZX	1	2.00	x	2.85	11-248	77.95	79.30	39.80			
GASOLINE					2	2.00	x	3.70	12010-01W02	TOTAL CLEARANCE				66.50 mm	
					3					mm					
					O1	4.00	x	3.00		Measure for CYL Clearance					
					O2					mm			21.00 mm		
										from bottom of Skirt.					
									 01			CirClip	SURFACE TREATMENT		
														NONE	HEAD: NONE
														T03	SKIRT: NONE

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION						
ENGINE MODEL	CYCLE	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P	PISTON RING			PISTON PART #	PISTON INFORMATION				PISTON PIN		
FUEL	L			OEM #	S	B	x	T	#	BORE	LENGTH	COMP.	+	DIST.	LENGTH	DIAMETER
					T	mm		mm	OEM #	mm	mm	mm		mm		
NISSAN																
H20	4	1982	87.20	SWN30069ZZ	1	2.00	x	4.05	11-247	87.20	84.00	41.00	-	1.60		
GASOLINE					2	2.50	x	4.05		TOTAL CLEARANCE					73.00 mm	
				12033-R9000	3				12010-74001	mm						
				12033-Y4460	O1	4.00	x	3.85	12010-R9001	Measure for CYL Clearance					22.00 mm	
				12033-R9023	O2					mm from bottom of Skirt.						
													CirClip	SURFACE TREATMENT		
															HEAD:	NONE
															SKIRT:	NONE
H25	4	2472	92.00	SWN30069ZZ	1	2.00	x		11-251	92.00	71.00	36.00	-	7.30		
GASOLINE					2	2.50	x			TOTAL CLEARANCE					72.00 mm	
					3				12010-60K00	mm						
					O1	4.00	x			Measure for CYL Clearance					21.00 mm	
					O2					mm from bottom of Skirt.						
													CirClip	SURFACE TREATMENT		
															HEAD:	NONE
															SKIRT:	NONE
SD22	4	2164	83.00	NA	1	2.50	x		11-3249	83.00	90.00	48.00	-	0.60		
DIESEL					2	2.00	x			TOTAL CLEARANCE					71.00 mm	
					3	2.00	x		12010-R8110	mm						
					O1	4.00	x			Measure for CYL Clearance					26.00 mm	
					O2					mm from bottom of Skirt.						
													CirClip	SURFACE TREATMENT		
															HEAD:	NONE
															SKIRT:	NONE
SD22	4	2164	83.00	SDN31027ZZ	1	2.50	x	3.50	11-068	83.00	90.00	48.00	-	2.00		
DIESEL					2	2.00	x	3.40		TOTAL CLEARANCE					71.00 mm	
				12033-R8100	3				12010-36W10	0.10 mm						
				12033-R8103	O1	4.50	x	2.80	12010-R8111	Measure for CYL Clearance					26.00 mm	
				12033-R8104	O2					15.00 mm from bottom of Skirt.						
				12033-R8110										CirClip	SURFACE TREATMENT	
				12033-R8112											HEAD:	NONE
														SKIRT:	NONE	

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION														
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	PISTON PIN LENGTH										
FUEL				OEM #					OEM #					DIAMETER										
NISSAN																								
SD22	4	2164	83.00	SDN31027ZZ	1	2.50	x	3.50	DISCONTINUE	83.00	90.00	48.00	-	0.60	71.00 mm									
DIESEL				12033-R8100 12033-R8103 12033-R8104 12033-R8110 12033-R8112 12033-R8114	2	2.00	x	3.40	12010-J5310	TOTAL CLEARANCE			-	2.00		26.00 mm								
										mm														
										O1	4.50	x			2.80	12010-Y1411	Measure for CYL Clearance							
																	mm							
										O2						12010-Y5210 12010-Y5211	from bottom of Skirt.							
																	mm							
																				CirClip	SURFACE TREATMENT			
																					HEAD:	NONE		
																					SKIRT:	NONE		
										SD22	4	2164			83.00	SJN31003ZZ	1	2.50	x	3.50	DISCONTINUE	83.00	90.00	48.00
DIESEL				12033-76201 12033-76202 12033-76203 12033-76204 12033-V1310 12033-Y1400 12033-Y1401 12033-Y1402 12033-Y1403 12033-Y1404 12033-Y1410 12033-Y3010	2	2.00	x	3.40	12010-J5312	TOTAL CLEARANCE			-	2.00	26.00 mm									
										mm														
										O1	4.50	x			3.90	12010-J5312	Measure for CYL Clearance							
																	mm							
										O2	4.50	x			3.40	12010-J5312	from bottom of Skirt.							
																	mm							
																				CirClip	SURFACE TREATMENT			
																					HEAD:	NONE		
																					SKIRT:	NONE		
										SD22	4	2164			83.00	SJN31003ZX	1	2.50	x	3.50	DISCONTINUE	83.00	90.00	48.00
DIESEL				12033-76201 12033-76202 12033-76203 12033-76204 12033-V1310 12033-Y1400 12033-Y1401 12033-Y1402 12033-Y1403 12033-Y1404 12033-Y1410 12033-Y3010	2	2.00	x	3.40	12010-J5312	TOTAL CLEARANCE			-	2.00	26.00 mm									
										mm														
										O1	4.50	x			3.90	12010-J5312	Measure for CYL Clearance							
																	mm							
										O2	4.50	x			3.40	12010-J5312	from bottom of Skirt.							
																	mm							
																				CirClip	SURFACE TREATMENT			
																					HEAD:	NONE		
																					SKIRT:	NONE		
										Z24	4	2389			89.00	SWN30059ZZ	1	1.50	x	3.30	11-070	89.00	70.40	33.80
GASOLINE				12033-10W00 12033-10W10	2	1.50	x	3.90	12010-30W01	TOTAL CLEARANCE			-		21.00 mm									
										-0.04 mm														
										O1	4.00	x			3.25	12010-30W11	Measure for CYL Clearance							
																	10.00 mm							
										O2						12010-30W11	from bottom of Skirt.							
																	mm							
										CirClip	SURFACE TREATMENT													
											HEAD:	NONE												
											SKIRT:	NONE												
											NONE	HEAD:	NONE											
										C17	SKIRT:	NONE												

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION					
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	PISTON PIN LENGTH	
FUEL				OEM #					OEM #					DIAMETER	
NISSAN	Z24i	4	2389	89.00	SWN30085ZZ	1	2.00	x	3.10	11-238	89.00	70.40	33.80	-	4.00
	GASOLINE										TOTAL CLEARANCE				66.50 mm
											-0.04 mm				
											Measure for CYL Clearance				21.00 mm
											10.00 mm from bottom of Skirt.				
													CirClip	SURFACE TREATMENT	
										NONE			HEAD:	NONE	
										C17			SKIRT:	NONE	
	SD25	4	2488	89.00	SDN31023ZZ	1	2.50	x	3.50	DISCONTINUE	89.00	90.00	48.20	-	0.60
	DIESEL										TOTAL CLEARANCE				74.00 mm
										mm					
										Measure for CYL Clearance				26.00 mm	
										mm from bottom of Skirt.					
												CirClip	SURFACE TREATMENT		
												HEAD:	NONE		
												SKIRT:	NONE		
SD25	4	2488	89.00	SDN31023ZZ	1	2.00	x	3.10	DISCONTINUE	89.00	90.00	48.20	-	0.60	
DIESEL										TOTAL CLEARANCE				74.00 mm	
										mm					
										Measure for CYL Clearance				26.00 mm	
										mm from bottom of Skirt.					
												CirClip	SURFACE TREATMENT		
												HEAD:	NONE		
												SKIRT:	NONE		
SD33	6	3246	83.00	SJN31004ZZ	1	2.50	x	3.50	NA	83.00			-		
DIESEL										TOTAL CLEARANCE				mm	
										mm					
										Measure for CYL Clearance				mm	
										mm from bottom of Skirt.					
												CirClip	SURFACE TREATMENT		
												HEAD:			
												SKIRT:			

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION						
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	PISTON PIN LENGTH		
FUEL				OEM #					OEM #					DIAMETER		
NISSAN																
SD33T	6	3246	83.00	SDN31028ZZ	1	2.50	x	3.50	DISCONTINUE	83.00	80.00	48.00	-	0.70	68.00 mm	
DIESEL				12033-C8704	2	2.00	x	3.40	12010-C8602	TOTAL CLEARANCE			-	2.00		26.00 mm
					3				mm							
					O1	4.00	x	2.8	12010-C8701	Measure for CYL Clearance						
					O2				mm from bottom of Skirt.							
										CirClip		SURFACE TREATMENT				
												HEAD:	NONE			
										CirClip		SKIRT:	NONE			
P40	6	3956	85.69	SWN30022ZZ	1	2.50	x	3.70	NA	85.69			-		mm	
GASOLINE				12033-58003 12033-58004 12033-58005 12033-C6000 12033-C6011	2	2.50	x	3.70		TOTAL CLEARANCE			-			mm
					3				mm							
					O1	4.76	x	4.05		Measure for CYL Clearance						
					O2				mm from bottom of Skirt.							
										CirClip		SURFACE TREATMENT				
										CirClip		HEAD:				
										CirClip		SKIRT:				
PPU240	6	3956	85.69	SWN30022ZZ	1	2.50	x	3.70	NA	85.69			-		mm	
GASOLINE				12033-58003 12033-58004 12033-58005 12033-C6000 12033-C6011	2	2.50	x	3.70		TOTAL CLEARANCE			-			mm
					3				mm							
					O1	4.76	x	4.05		Measure for CYL Clearance						
					O2				mm from bottom of Skirt.							
										CirClip		SURFACE TREATMENT				
										CirClip		HEAD:				
										CirClip		SKIRT:				
PPU241	6	3956	85.69	SWN30022ZZ	1	2.50	x	3.70	NA	85.69			-		mm	
GASOLINE				12033-58003 12033-58004 12033-58005 12033-C6000 12033-C6011	2	2.50	x	3.70		TOTAL CLEARANCE			-			mm
					3				mm							
					O1	4.76	x	4.05		Measure for CYL Clearance						
					O2				mm from bottom of Skirt.							
										CirClip		SURFACE TREATMENT				
										CirClip		HEAD:				
										CirClip		SKIRT:				

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION						
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	PISTON PIN LENGTH		
FUEL				OEM #					OEM #					DIAMETER		
NISSAN																
TB42	6	4169	96.00	SWN30122ZZ	1	2.00	x	3.30	11-3299	96.00	90.00	40.50				
GASOLINE				12033-03J00	2	2.00	x	4.20	12010-03J61	TOTAL CLEARANCE			76.00 mm			
					3					-0.04 mm						
					O1	4.00	x	3.25		Measure for CYL Clearance				23.00 mm		
					O2					mm						
								from bottom of Skirt.								
												CirClip	SURFACE TREATMENT			
													HEAD:	NONE		
												T05	SKIRT:	NONE		
TD42	6	4169	96.00	SDN31052ZZ	1	2.50	x	4.00	DISCONTINUE	96.00	87.00	50.20	-	1.50		
DIESEL				12033-06J10 12033-06J11	2	2.00	x	4.00	12010-43G02 12010-43G12	TOTAL CLEARANCE			80.00 mm			
					3					mm						
					O1	4.00	x	4.15		Measure for CYL Clearance				28.00 mm		
					O2					mm						
								from bottom of Skirt.								
												CirClip	SURFACE TREATMENT			
													HEAD:	NONE		
													SKIRT:	NONE		
TD42	6	4169	96.00	SDN31052ZX	1	2.50	x	4.00	DISCONTINUE	96.00	87.00	50.20	-	1.50		
DIESEL				12033-06J10 12033-06J11	2	2.00	x	4.00	12010-43G02 12010-43G12	TOTAL CLEARANCE			80.00 mm			
					3					mm						
					O1	4.00	x	4.15		Measure for CYL Clearance				28.00 mm		
					O2					mm						
								from bottom of Skirt.								
												CirClip	SURFACE TREATMENT			
													HEAD:	NONE		
													SKIRT:	NONE		
FD6	6	5654	100.00	SDN31029ZZ	1	3.00	x	4.20	DISCONTINUE	100.00	109.20	65.50	-	11.00		
DIESEL				12040-Z5028	2	2.00	x	4.20	12010-Z5576	TOTAL CLEARANCE			85.00 mm			
					3					mm						
					O1	4.50	x	4.50		Measure for CYL Clearance				34.00 mm		
					O2					mm						
								from bottom of Skirt.								
												CirClip	SURFACE TREATMENT			
													HEAD:	NONE		
													SKIRT:	NONE		

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION					
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING			PISTON PART #	PISTON INFORMATION				PISTON PIN	
FUEL				OEM #		B mm	x	T mm	OEM #	BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	LENGTH	
NISSAN															
FD6T	6	5654	100.00	SDN31026ZZ	1	3.00	x	4.20	DISCONTINUE	100.00	109.20	65.50	-	11.00	85.00 mm
DIESEL				12040-Z5528 12033-Z5504	2	2.00	x	4.20	12010-Z5600	TOTAL CLEARANCE				- 18.50	
					3					mm					
					O1	4.50	x	4.50		Measure for CYL Clearance				34.00 mm	
					O2					mm from bottom of Skirt.					
										CirClip		SURFACE TREATMENT			
												HEAD:	NONE		
												SKIRT:	NONE		

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

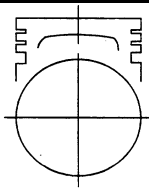


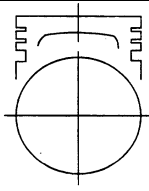


NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION					
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	PISTON PIN LENGTH	
FUEL				OEM #					OEM #					DIAMETER	
TOYOTA															
3P	4	1345	76.60	SWT10009ZZ	1	2.00	x	3.50	11-244	76.60	76.00	38.00			
GASOLINE				13011-23030	2	2.00	x	3.50	13101-23010	TOTAL CLEARANCE					65.00 mm
					3					-0.04 mm					
					O1	4.00	x	3.30	13101-23011	Measure for CYL Clearance					20.00 mm
					O2					mm from bottom of Skirt.					
															CirClip
										CirClip	HEAD:	NONE			
										CirClip	SKIRT:	NONE			
4P	4	1345	76.60	SWT10009ZZ	1	2.00	x	3.50	11-245	76.60	71.00	33.00			
GASOLINE				13011-23030	2	2.00	x	3.50	13101-78001	TOTAL CLEARANCE					65.00 mm
					3					-0.04 mm					
					O1	4.00	x	3.30	13101-96001	Measure for CYL Clearance					20.00 mm
					O2					mm from bottom of Skirt.					
															CirClip
										CirClip	HEAD:	NONE			
										CirClip	SKIRT:	NONE			
5K	4	1486	80.50	SWT10099ZZ	1	1.50	x	3.10	DISCONTINUE	80.50	80.50	36.00	-	8.80	
GASOLINE				13011-13040 13011-13050 13011-13090	2	1.50	x	3.65	13101-13030	TOTAL CLEARANCE					61.00 mm
					3					mm					
					O1	4.00	x	3.25		Measure for CYL Clearance					18.00 mm
					O2					mm from bottom of Skirt.					
															CirClip
										CirClip	HEAD:	NONE			
										CirClip	SKIRT:	NONE			
5K	4	1486	80.50	SWT10099ZZ	1	1.50	x	3.10	11-3729	80.50	80.50	36.00	-	3.00	
GASOLINE				13011-13040 13011-13050 13011-13090	2	1.50	x	3.65	13101-13040	TOTAL CLEARANCE					61.00 mm
					3					-0.04 mm					
					O1	4.00	x	3.25		Measure for CYL Clearance					18.00 mm
					O2					mm from bottom of Skirt.					
															CirClip
										CirClip	HEAD:	NONE			
										T05	SKIRT:	NONE			

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

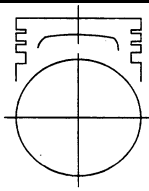





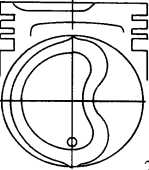




NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION									
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION				PISTON PIN					
FUEL				OEM #					OEM #	BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	LENGTH	DIAMETER				
TOYOTA																			
2R	4	1490	78.00	SWT10014ZZ	1	2.00	x	3.70	11-243	78.00	78.00	39.00							
GASOLINE				13011-31010 13011-31030 13011-31040	2	2.50	x	3.60	13101-31010	TOTAL CLEARANCE					75.00 mm				
					3					-0.04 mm									
					O1	4.00	x	3.85	13101-31011	Measure for CYL Clearance					22.00 mm				
					O2					mm from bottom of Skirt.									
										 01		CirClip	SURFACE TREATMENT						
													HEAD:	NONE					
												T01	SKIRT:	NONE					
5R	4	1944	88.00	SWT10069ZZ	1	2.00	x	4.20	DISCONTINUE	88.00	85.00	39.00							
GASOLINE				13011-44043	2	2.50	x	4.20	13101-44011	TOTAL CLEARANCE					75.00 mm				
					3					mm									
					O1	4.00	x	3.30	13101-44012 13101-44013 13101-44014	Measure for CYL Clearance					22.00 mm				
					O2					mm from bottom of Skirt.									
												CirClip	SURFACE TREATMENT						
													HEAD:	NONE					
													SKIRT:	NONE					
5R	4	1944	88.00	SWT10069ZZ	1	2.00	x	4.20	11-246	88.00	85.40	39.00							
GASOLINE				13011-44043	2	2.50	x	4.20	13101-44015	TOTAL CLEARANCE					75.00 mm				
					3					-0.04 mm									
					O1	4.00	x	3.30	13101-44016	Measure for CYL Clearance					22.00 mm				
					O2					mm from bottom of Skirt.									
										 01		CirClip	SURFACE TREATMENT						
													HEAD:	NONE					
												J05	SKIRT:	NONE					
5R	4	1944	88.00	SXT10069ZZ	1	2.00	x	4.20	DISCONTINUE	88.00	85.40	39.00							
GASOLINE				13011-44010 13011-44011 13011-44030 13011-44031 13011-44032 13011-44040 13011-44041 13011-44042 13011-44060 13011-44061 13011-44062 13011-44063	2	2.50	x	4.20	13101-44011	TOTAL CLEARANCE					75.00 mm				
					3					mm									
					O1	4.00	x	3.30	13101-44012 13101-44013 13101-44014	Measure for CYL Clearance					22.00 mm				
					O2					mm from bottom of Skirt.									
																	CirClip	SURFACE TREATMENT	
																		HEAD:	NONE
																		SKIRT:	NONE

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION													
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION				PISTON PIN									
FUEL				OEM #					OEM #	BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	LENGTH DIAMETER									
TOYOTA																							
5R	4	1944	88.00	SXT10069ZZ	1	2.00	x	4.20	11-246	88.00	85.40	39.00											
GASOLINE				13011-44010	2	2.50	x	4.20	13101-44015	TOTAL CLEARANCE				75.00 mm									
				13011-44011	3					-0.04 mm													
				13011-44030	O1	4.00	x	3.30		13101-44016	Measure for CYL Clearance				22.00 mm								
				13011-44031	O2						mm												
				13011-44032				from bottom of Skirt.															
				13011-44040				 01							CirClip 		SURFACE TREATMENT						
				13011-44041											HEAD: NONE								
				13011-44042											SKIRT: NONE								
				13011-44060																			
				13011-44061																			
				13011-44062																			
				13011-44063																			
				5R	4	1944	88.00				SWT10069ZZ	1	2.00	x	4.20	DISCONTINUE	88.00	85.00	39.00	-	3.80		
				GASOLINE							13011-44043	2	2.50	x	4.20	13101-44020	TOTAL CLEARANCE				75.00 mm		
	3										mm												
	O1	4.00	x						3.30		13101-44021	Measure for CYL Clearance					22.00 mm						
	O2									mm													
									from bottom of Skirt.														
									 16					CirClip 			SURFACE TREATMENT						
								HEAD: NONE															
								SKIRT: NONE															
5R	4	1944	88.00	SXT10069ZZ	1	2.00	x	4.20		DISCONTINUE	88.00	85.00	39.00	-	3.80								
GASOLINE				13011-44010	2	2.50	x	4.20		13101-44020	TOTAL CLEARANCE				75.00 mm								
				13011-44011	3						mm												
				13011-44030	O1	4.00	x	3.30	13101-44021		Measure for CYL Clearance				22.00 mm								
				13011-44031	O2						mm												
				13011-44032				from bottom of Skirt.															
				13011-44040				 11							CirClip 		SURFACE TREATMENT						
				13011-44041											HEAD: NONE								
				13011-44042											SKIRT: NONE								
				13011-44060																			
				13011-44061																			
				13011-44062																			
				13011-44063																			
				4Y	4	2208	91.00				SWT10111ZZ	1	1.50	x	3.30	11-283	91.00	65.00	35.00	-	6.20		
				GASOLINE							13011-73020	2	1.50	x	3.95	13101-73031	TOTAL CLEARANCE				66.00 mm		
13011-73030	3										-0.04 mm												
13011-73040	O1	4.00	x							3.15	 235	Measure for CYL Clearance					22.00 mm						
13011-73042	O2									mm													
									from bottom of Skirt.														
									 11					CirClip 			SURFACE TREATMENT						
												HEAD: NONE											
												SKIRT: NONE											
								NONE 															
								T05 															

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION					
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART # OEM #	P S T	PISTON RING			PISTON PART # OEM #	PISTON INFORMATION				PISTON PIN	
						B mm	x	T mm		BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	LENGTH	DIAMETER
TOYOTA															
4Y	4	2208	91.00	SWT10111ZZ	1	1.50	x	3.30	11-637	91.00	65.00	35.00	-	6.20	66.00 mm
GASOLINE				13011-73020 13011-73030 13011-73040 13011-73042	2	1.50	x	3.95	13101-73030	TOTAL CLEARANCE				CirClip	
					3					-0.03 mm					
					O1	4.00	x	3.15		Measure for CYL Clearance					22.00 mm
					O2					15.50 mm from bottom of Skirt.					
												NONE	SKIRT: NONE		
										T03	SKIRT: NONE				
4Y	4	2208	91.00	SWT10111ZZ	1	1.50	x	3.30	DISCONTINUE	91.00	65.00	35.00	-	10.00	66.00 mm
GASOLINE				13011-73020 13011-73030 13011-73040 13011-73042	2	1.50	x	3.95	13101-73040	TOTAL CLEARANCE				CirClip	
					3					mm					
					O1	4.00	x	3.15		Measure for CYL Clearance					22.00 mm
					O2					mm from bottom of Skirt.					
												NONE	SKIRT: NONE		
										T03	SKIRT: NONE				
2J	4	2481	88.00	NA	1	2.54	x		DISCONTINUE	88.00	102.00	52.20	-	2.00	74.00 mm
DIESEL					2	2.54	x		13211-21910 13221-21910	TOTAL CLEARANCE				CirClip	
					3					mm					
					O1	4.00	x			Measure for CYL Clearance					29.00 mm
					O2					mm from bottom of Skirt.					
												NONE	SKIRT: NONE		
										T03	SKIRT: NONE				
2J	4	2481	88.00	SDT10045ZZ	1	2.54	x	3.80	DISCONTINUE	88.00	102.00	52.20	-	2.00	74.00 mm
DIESEL				13011-48013 13011-48021	2	2.50	x	3.80	13101-22060	TOTAL CLEARANCE				CirClip	
					3	2.50	x	3.80		mm					
					O1	4.00	x	4.20		Measure for CYL Clearance					27.00 mm
					O2					mm from bottom of Skirt.					
												NONE	SKIRT: NONE		
										T03	SKIRT: NONE				

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION					
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION				PISTON PIN LENGTH	
FUEL				OEM #					OEM #	BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	DIAMETER	
TOYOTA															
2J	4	2481	88.00	SDT10045ZX	1	2.54	x	3.80	DISCONTINUE	88.00	102.00	52.20	-	2.00	74.00 mm
DIESEL				13011-48013 13011-48021	2	2.50	x	3.80	13101-22060	TOTAL CLEARANCE				3.00	
					3	2.50	x	3.80		mm					
					O1	4.00	x	4.20		Measure for CYL Clearance				27.00 mm	
					O2					mm					
										from bottom of Skirt.					
										CirClip		SURFACE TREATMENT			
												HEAD:	NONE		
												SKIRT:	NONE		
2J	4	2481	88.00	SDT10045ZZ	1	2.54	x	3.80	DISCONTINUE	88.00	102.00	52.20	-	1.90	74.00 mm
DIESEL				13011-48013 13011-48021	2	2.50	x	3.80	13081-48013	TOTAL CLEARANCE				1.90	
					3	2.50	x	3.80		mm					
					O1	4.00	x	4.20		Measure for CYL Clearance				27.00 mm	
					O2					mm					
										from bottom of Skirt.					
										CirClip		SURFACE TREATMENT			
												HEAD:	NONE		
												SKIRT:	NONE		
2J	4	2481	88.00	SDT10045ZX	1	2.54	x	3.80	DISCONTINUE	88.00	102.00	52.20	-	1.90	74.00 mm
DIESEL				13011-48013 13011-48021	2	2.50	x	3.80	13081-48013	TOTAL CLEARANCE				1.90	
					3	2.50	x	3.80		mm					
					O1	4.00	x	4.20		Measure for CYL Clearance				27.00 mm	
					O2					mm					
										from bottom of Skirt.					
										CirClip		SURFACE TREATMENT			
												HEAD:	NONE		
												SKIRT:	NONE		
2J	4	2481	88.00	SJT10050ZZ	1	2.54	x	3.80	DISCONTINUE	88.00	102.00	52.20	-	2.00	74.00 mm
DIESEL				13011-48022 13011-48023 13011-48030	2	2.50	x	3.80	13081-48014 13081-48015	TOTAL CLEARANCE				3.00	
					3					mm					
					O1	4.00	x	4.20		Measure for CYL Clearance				27.00 mm	
					O2					mm					
										from bottom of Skirt.					
										CirClip		SURFACE TREATMENT			
												HEAD:	NONE		
										C17		SKIRT:	NONE		

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.


NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION					
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	PISTON PIN LENGTH	
FUEL				OEM #					OEM #					DIAMETER	
TOYOTA															
5P	4	2771	93.00	SWT10048ZZ	1	2.50	x	3.80	DISCONTINUE	93.00	97.00	52.10	-	17.00	74.00 mm
GASOLINE				13011-96102					13101-96101	TOTAL CLEARANCE					
										mm					
										Measure for CYL Clearance					
										mm from bottom of Skirt.					
														CirClip	SURFACE TREATMENT
															HEAD: NONE
															SKIRT: NONE
H	3	3576	88.00	SJT10051ZZ	1	2.54	x	3.80	DISCONTINUE	88.00	102.00	52.20	-	1.40	74.00 mm
DIESEL				13011-47022 13011-47023					13081-47012 13081-47013	TOTAL CLEARANCE				3.00	
										mm					
										Measure for CYL Clearance					
										mm from bottom of Skirt.					
														CirClip	SURFACE TREATMENT
															HEAD: NONE
															SKIRT: NONE
F	6	3878	90.00	SWT10026ZZ	1	3.00	x	3.70	11-171	90.00	95.50	47.50			80.00 mm
GASOLINE				13011-69021					13101-60011	TOTAL CLEARANCE					
										-0.04 mm					
										Measure for CYL Clearance					
										0.00 mm from bottom of Skirt.					
														CirClip	SURFACE TREATMENT
														NONE	HEAD: NONE
														J05	SKIRT: NONE
F	6	3878	90.00	DISCONTINUED	1	2.00	x	4.00	DISCONTINUE	90.00	95.65	47.50			80.00 mm
GASOLINE				13011-60040					13101-60020	TOTAL CLEARANCE					
										mm					
										Measure for CYL Clearance					
										mm from bottom of Skirt.					
														CirClip	SURFACE TREATMENT
														NONE	HEAD: NONE
															SKIRT: NONE

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION						
ENGINE MODEL	CYCLE	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P	PISTON RING			PISTON PART #	PISTON INFORMATION				PISTON PIN		
FUEL	L			OEM #	S	B	x	T	OEM #	BORE mm	LENGTH mm	COMP. mm	+	DIST. mm	LENGTH	DIAMETER
TOYOTA																
F	6	3878	90.00	SWT10044ZZ	1	2.00	x	4.00	DISCONTINUE	90.00	95.65	47.50				
GASOLINE				13011-60040	2	2.50	x	4.00	13101-60020	TOTAL CLEARANCE				80.00 mm		
					3					mm						
					O1	4.00	x	4.00		Measure for CYL Clearance						
					O2	4.00	x	4.00		mm						
										from bottom of Skirt.						
										CirClip		SURFACE TREATMENT				
										NONE		HEAD:	NONE			
												SKIRT:	NONE			
F	6	3878	90.00	DISCONTINUED	1	2.00	x	4.00	DISCONTINUE	90.00	99.50	47.50	+	4.00		
GASOLINE				13011-60040	2	2.50	x	4.00	13101-60030	TOTAL CLEARANCE				80.00 mm		
					3					mm						
					O1	4.00	x	4.00		Measure for CYL Clearance						
					O2	4.00	x	4.00		mm						
										from bottom of Skirt.						
										CirClip		SURFACE TREATMENT				
										NONE		HEAD:	NONE			
												SKIRT:	NONE			
F	6	3878	90.00	SWT10044ZZ	1	2.00	x	4.00	DISCONTINUE	90.00	99.50	47.50	+	4.00		
GASOLINE				13011-60040	2	2.50	x	4.00	13101-60030	TOTAL CLEARANCE				80.00 mm		
					3					mm						
					O1	4.00	x	4.00		Measure for CYL Clearance						
					O2	4.00	x	4.00		mm						
										from bottom of Skirt.						
										CirClip		SURFACE TREATMENT				
										NONE		HEAD:	NONE			
												SKIRT:	NONE			
2H	6	3980	91.00	SDT10075ZZ	1	2.54	x	4.00	DISCONTINUE	91.00	100.00	50.20	-	2.00		
DIESEL				13011-68010 13011-68020 13011-96601	2	2.50	x	4.00	13081-78601 13081-96601	TOTAL CLEARANCE				74.00 mm		
					3					mm						
					O1	4.00	x	4.20		Measure for CYL Clearance						
					O2					mm						
										from bottom of Skirt.						
										CirClip		SURFACE TREATMENT				
												HEAD:	NONE			
												SKIRT:	NONE			

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION							
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART #	P S T	PISTON RING B mm	x	T mm	PISTON PART #	PISTON INFORMATION BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	PISTON PIN LENGTH			
FUEL				OEM #					OEM #					DIAMETER			
TOYOTA																	
2H	6	3980	91.00	SDT10075ZZ	1	2.54	x	4.00	DISCONTINUE	91.00	100.00	50.20	-	1.80			
DIESEL				13011-68010 13011-68020 13011-96601	2	2.50	x	4.00	13101-68010	TOTAL CLEARANCE			-	3.00	74.00 mm		
					3			mm									
					O1	4.00	x	4.20		Measure for CYL Clearance					-		29.00 mm
					O2			mm from bottom of Skirt.									
										CirClip	SURFACE TREATMENT						
											HEAD:	NONE					
												SKIRT:	NONE				
2H	6	3980	91.00	SDT10075ZZ	1	2.54	x	4.00	DISCONTINUE	91.00	100.00	50.20	-	1.70			
DIESEL				13011-68010 13011-68020 13011-96601	2	2.50	x	4.00	13101-68011	TOTAL CLEARANCE			-		74.00 mm		
					3			mm									
					O1	4.00	x	4.20		Measure for CYL Clearance					-		29.00 mm
					O2			mm from bottom of Skirt.									
										CirClip	SURFACE TREATMENT						
											HEAD:	NONE					
												SKIRT:	NONE				
2H	6	3980	91.00	SDT10075ZZ	1	2.54	x	4.00	DISCONTINUE	91.00	100.00	50.20	-	1.80			
DIESEL				13011-68010 13011-68020 13011-96601	2	2.50	x	4.00	13081-31960	TOTAL CLEARANCE			-	3.00	74.00 mm		
					3			mm									
					O1	4.00	x	4.20		Measure for CYL Clearance					-		29.00 mm
					O2			mm from bottom of Skirt.									
										CirClip	SURFACE TREATMENT						
											HEAD:	NONE					
												SKIRT:	NONE				
2F	6	4230	94.00	SWT10049ZZ	1	2.00	x	4.20	11-174	94.00	102.50	47.60	+	6.50			
GASOLINE				13011-76012	2	2.50	x	4.20	13101-61020	TOTAL CLEARANCE			-		72.00 mm		
					3			-0.04 mm									
					O1	4.00	x	3.85		Measure for CYL Clearance					-		25.15 mm
					O2			26.30 mm from bottom of Skirt.									
										CirClip	SURFACE TREATMENT						
											HEAD:	NONE					
												SKIRT:	NONE				
											T01						

FORKLIFT & MEDIUM SIZE DIESEL ENGINES



© 2012 NPR of America, Inc.

© 2012 NPR of America, Inc.

NOA PISTON RING SPECIFICATION										NOA PISTON SPECIFICATION						
ENGINE MODEL	C Y L	ENGINE SIZE CC	DIA mm	PISTON RING PART # OEM #	P S T	PISTON RING			PISTON PART # OEM #	PISTON INFORMATION				PISTON PIN		
						B mm	x	T mm		BORE mm	LENGTH mm	COMP. mm	+ DIST. mm	LENGTH	DIAMETER	
TOYOTA																
2F	6	4230	94.00	DELETE	1	2.00	x	4.20	DELETE	94.00	102.50	47.60	+	6.50	72.00 mm	
GASOLINE				13011-61010					13101-61020	TOTAL CLEARANCE				CirClip		SURFACE TREATMENT
										-0.04 mm					HEAD: NONE	
										Measure for CYL Clearance						SKIRT: NONE
										26.30 mm					T01	
										from bottom of Skirt.						
2F	6	4230	94.00	SWT10049ZZ	1	2.00	x	4.20	11-175	94.00	95.50	47.60	+	0.40	71.80 mm	
GASOLINE				13011-76012					13101-61010	TOTAL CLEARANCE				CirClip	SURFACE TREATMENT	
									13101-61011	-0.03 mm					HEAD: NONE	
									Measure for CYL Clearance				SKIRT: NONE			
									26.30 mm						T03	
									from bottom of Skirt.							
2F	6	4230	94.00	DELETE	1	2.00	x	4.20	DELETE	94.00	95.50	47.60	+	0.40	71.80 mm	
GASOLINE				13011-61010					13101-61010	TOTAL CLEARANCE				CirClip	SURFACE TREATMENT	
									13101-61011	-0.03 mm					HEAD: NONE	
									Measure for CYL Clearance				SKIRT: NONE			
									26.30 mm						T01	
									from bottom of Skirt.							

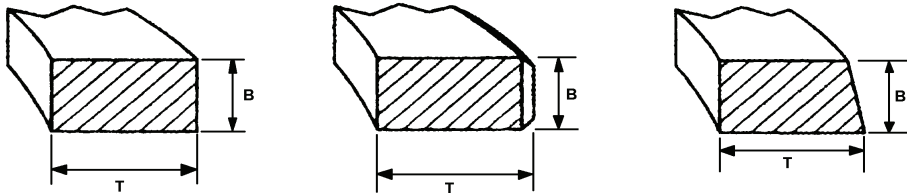
EXPORT PISTON RINGS



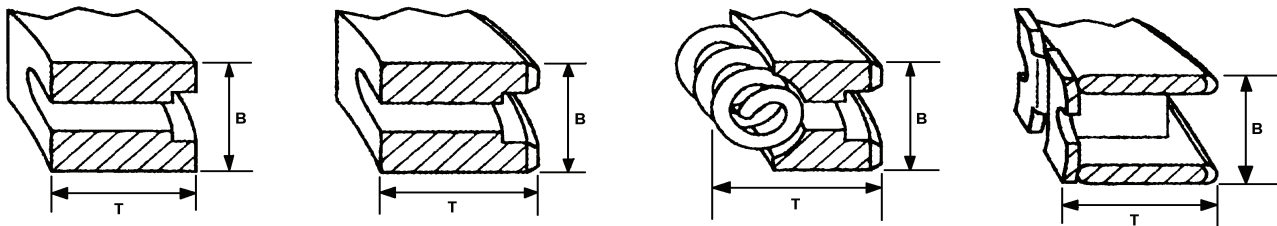
© 2012 NPR of America, Inc.

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	x	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
1	2	3	4	5			10	11	12	13
				6						
				7						
				8						
				9						

Compression Ring: B (Width) x T (Radial wall Thickness).



Oil Control Ring: B (Width) x T (Radial wall Thickness).



- 1: Engine Number.
- 2: Number of Cylinder.
- 3: Engine Size CC.
- 4: Cylinder Diameter.
- 5: 1 = 1st Compression Ring - B = Width (h1) x T = Radial Wall Thickness (a1).
- 6: 2 = 2nd Compression Ring - B = Width (h1) x T = Radial Wall Thickness (a1).
- 7: 3 = 3rd Compression Ring - B = Width (h1) x T = Radial Wall Thickness (a1).
- 8: O1 = 1st Oil Control Ring - B = Width (h1) x T = Radial Wall Thickness (a1).
- 9: O2 = 2nd Oil Control Ring - B = Width (h1) x T = Radial Wall Thickness (a1).
- 10: NPR's Piston Ring Part Number.
- 11: Piston Ring specification. (ex. Series Code, Surface Treatment, etc.).
- 12: Reference Number.
- 13: Vehicle Name.

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
ASIA GASOLINE ENGINE										
CD800 JADE	3	600	70.000	1	1.200	x	2.500	SWA20001ZZ	AA100-11-120	TOWNER
				2	1.500	x	3.000			
				O1	2.800	x	2.850	777		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESSION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
ASIA DIESEL ENGINE										
EM100	6	9419	124.000	1	2.806	x	4.450	SDA20002ZX	K4Y1-11-SCO	TRADE FRONTIER 2.5
				2	2.500	x	5.000			
				3	3.000	x	5.000	555		
				O1	3.000	x	3.250	SS999		
SH 3.6L	4	3581 3600	100.000	1	2.000	x	3.650	SDK30003ZZ	K4Y1-11-SCO	TRADE FRONTIER 2.5
				2	2.000	x	4.200			
				O1	3.000	x	3.250	555		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
3EA	3	600	68.500	1	1.200	x	2.500	SWD20002ZZ	12140A78B01-00	MATIZ TICO
				2	1.500	x	2.800	777		
				O1	2.800	x	2.850			
4EA	3	796	68.500	1	1.200	x	2.650	SWD20005ZZ	96325192	MATIZ
				2	1.200	x	2.800	777		
				O1	2.800	x	2.850			
D-TEC 1.6	4	1598	78.980	1	1.200	x	3.050	SWD20004ZZ	S1220014	ESPERO LANOS NUBIRA
				2	1.500	x	3.300	777		
				O1	3.000	x	3.000			
D-TEC 2.2	4	2198	86.000	1	1.500	x	3.450	SWD20006ZZ	92062027	LEGANZA NUBIRA PRINCE
				2	1.500	x	3.500	777		
				O1	3.000	x	3.000	SS999		
E-TEC 1.6	4	1598	79.000	1		x		NA	-	LANOS
				2		x				
				O1		x				
E-TEC II 1.4	4	1400	81.600	1	1.200	x	3.100	SWD20009ZZ	92067238	OPTRA
				2	1.500	x	3.300			
				O1	3.000	x	2.900			
F6B	3	600	68.500	1	1.200	x	2.500	SWD20002ZZ	12140A78B01-00	MATIZ TICO
				2	1.500	x	2.800	777		
				O1	2.800	x	2.850			
F8C	3	800	68.500	1	1.200	x	2.500	SWD20002ZZ	12140A78B01-00	DAMAS MATIZ TICO
				2	1.500	x	2.800	777		
				O1	2.800	x	2.850			
NP960	4	1500	76.500	1	1.500	x	3.100	SWD20003ZZ	NP960	ESPERO LANOS LEMANS NEXIA NUBIRA RACER SIELO SPAGON
				2	1.500	x	3.200	777		
				O1	3.000	x	2.950			
YSE	3	600	68.500	1	1.200	x	2.500	SWD20002ZZ	12140A78B01-00	MATIZ TICO
				2	1.500	x	2.800	777		
				O1	2.800	x	2.850			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
DAEWOO DIESEL ENGINE										
2848T	6		128.000	1	3.306	x	5.200	SDD20004ZZ	65.02503-8252	BUS BH126 EXCAVATOR GENERATOR
				2	3.000	x	5.200	DISCONTINUED		
				O1	5.000	x	4.800	777		
6BB1	6	5393	102.000	1	3.000	x	4.400	SDD20007ZZ	65.02503-8069	EXCAVATOR FORKLIFT GENERATOR
				2	2.500	x	4.400	SJD20007ZZ		
				O1	5.000	x	4.800	777		
DB58	6		102.000	1	3.000	x	4.400	SDD20008ZZ	65.02503-8058	
				2	2.500	x	4.400			
				O1	4.000	x	4.150	777		
P158LE	1		102.000	1	2.840	x	4.200	YDL03259ZZ		
				2	2.370	x	4.200	DISCONTINUED		
				O1	4.000	x	4.300	777		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
700G	3		68.000	1	1.500	x	2.800	SWD10040ZZ	13011-87801	
				2	1.500	x	2.800	DISCONTINUED		
				O1	2.800	x	2.550	777		
AB	2	547	71.600	1	1.500	x	3.000	SWD10023ZZ	13011-87701 13011-87702 13011-87705 13011-87709 13011-87710 13011-87714	
				2	1.500	x	3.000	777		
				O1	2.800	x	3.000			
CB10	3	993	76.000	1	1.500	x	3.100	SWD10024ZZ	13011-87704 13011-87708	CHARADE
				2	1.500	x	3.100	777		
				O1	2.800	x	3.250			
CB10	3	993	76.000	1	1.500	x	3.100	SXD10024ZZ	13011-87703 13011-87718	CHARADE
				2	1.500	x	3.100	DISCONTINUED		
				O1	2.800	x	3.250	Mt.777		
CB10	3	997	76.000	1	1.500	x	3.100	SWD10036ZZ	13011-87727	CHARADE
				2	1.500	x	3.100	777		
				O1	2.800	x	3.550			
CB32	3	993	76.000	1	1.500	x	3.100	SWD10024ZZ	13011-87704 13011-87708	CHARADE
				2	1.500	x	3.100	777		
				O1	2.800	x	3.250			
CB32	3	993	76.000	1	1.500	x	3.100	SXD10024ZZ	13011-87703 13011-87718	CHARADE
				2	1.500	x	3.100	DISCONTINUED		
				O1	2.800	x	3.250	Mt.777		
CD	3	850	70.000	1	1.500	x	3.100	SWD10028ZZ	13011-87712 13013-87710	
				2	1.500	x	3.100	Mt.777		
				O1	2.800	x	2.850			
CL (NEW)	3	993	76.000	1	2.000	x	2.900	SDD10042ZZ	13011-87721	
				2	1.500	x	3.100	SJD10042ZZ		
				O1	3.000	x	3.400	Mt.555		
CL10	3	1000	76.000	1	2.000	x	3.200	SJD10042ZZ	13011-87717 13011-87723A	
				2	1.500	x	3.100	Mt.555		
				O1	3.000	x	2.000			
D070	3		68.000	1	1.500	x	2.800	SWD10040ZZ	13011-87801	
				2	1.500	x	2.800	DISCONTINUED		
				O1	2.800	x	2.550	777		
D07	3		72.000	1	1.500	x	3.000	SWD10041ZZ	13011-87803	
				2	1.500	x	2.900	777		
				O1	2.800	x	2.550			
EB	3	547	62.000	1	1.200	x	2.300	SWD10029ZZ	13011-87206	
				2	1.500	x	2.500	777		
				O1	2.800	x	2.800			
EB	3	547	62.000	1	1.200	x	2.300	SWD10032ZZ	13011-87217	
				2	1.500	x	2.700	DISCONTINUED		
				O1	2.800	x	2.800	777		
ED2	3	850	66.600	1	1.200	x	2.500	SWD10045ZZ	13011-87232	
				2	1.500	x	2.800	777		
				O1	2.800	x	2.550			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
EF	3	659	68.000	1	1.200	x	2.700	SWD10033ZZ	13011-87219	MIRA
				2	1.500	x	2.800	777		
				O1	2.800	x	2.500			
EF	3	659	68.000	1	1.200	x	2.670	SWD10044ZZ	13011-97204-A	MIRA
				2	1.500	x	2.800	777		
				O1	2.500	x	2.550			
EF	1	659	68.000	1	1.000	x	2.500	SWD10037ZZ	13011-87229	
				2	1.200	x	2.600	c		
				O1	2.000	x	2.500	777		
EF-VD	3	659	68.000	1	1.000	x	2.100	SWD10046ZZ	13011-97206	
				2	1.200	x	2.200	777		
				O1	2.000	x	2.250			
EJ	3	989	72.000	1	1.000	x	2.450	SWD10047ZZ	13011-97201-000	
				2	1.200	x	2.900	777		
				O1	2.500	x	2.550			
FE051	4	958	68.000	1	2.000	x	3.000	SWD10020ZZ	13011-87103	
				2	2.000	x	3.000	777		
				O1	4.000	x	3.100			
G10	3	997	76.000	1	1.500	x	3.100	SWD10036ZZ	13011-87727	CHARADE
				2	1.500	x	3.100	777		
				O1	2.800	x	3.550			
G102S HC HCE	4	1295	76.000	1	1.200	x	2.900	SWD10031ZZ	13011-87105 13011-87108	CHARADE
				2	1.500	x	3.200	777		
				O1	3.000	x	2.850			
HD	4	1589	76.000	1	1.200	x	2.700	SWD10034ZZ	13011-87110	FEROZA
				2	1.500	x	3.200	777		
				O1	3.000	x	2.550			
HD HDE	4	1589	76.000	1	1.200	x	2.700	SWD10030ZZ	13011-87106 13011-87109	FEROZA ROCKY
				2	1.500	x	3.200	SWD10031ZZ		
				O1	3.000	x	2.850	777		
K3	4	1300	72.000	1	1.200	x	2.450	SWD10050ZZ	13011-97401-000	CHARADE
				2	1.200	x	2.600	777		
				O1	2.000	x	2.150			
KF-VE HDE	3	63.000	63.000	1	1.000	x	2.270	SWD10049ZZ	13011-B2020	
				2	1.200	x	2.300	DISCONTINUED		
				O1	2.000	x	2.400	777		
L38 L38S	2	356	62.000	1	2.000	x	2.800	SBD10016ZZ	13011-87204 13011-87205 13011-87501	
				2	2.000	x	2.800	DISCONTINUED		
				3	2.000	x	2.800	300 1st-HKS		
Z738	2	547	71.600	1	1.500	x	3.000	SWD10023ZZ	13011-87701 13011-87702 13011-87705 13011-87709 13011-87710 13011-87714	
				2	1.500	x	3.000	777		
				O1	2.800	x	3.000			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
DF	4	2270	85.000	1	2.000	x	3.500	SJD10010ZZ	92-4223-1410	DV202
				2	2.000	x	3.500	Mt.555		
				3	2.000	x	3.500			
				O1	4.000	x	4.000			
DG	4	2530	88.000	1	2.000	x	3.800	SJD10012ZZ	992-5113-1410-00	D300 DV32L SV32
				2	2.000	x	3.800	Mt.555		
				3	2.000	x	3.800			
				O1	4.000	x	2.800			
				O2	4.000	x	3.800			
DG	4	2530	88.000	1	2.000	x	3.800	SJD10021ZZ	13011-87304	DELTA
				2	2.000	x	3.800	Mt.555		
				3	2.000	x	3.800			
				O1	4.000	x	4.000			
DG	4	2530	88.000	1	2.500	x	3.800	SJD10025ZZ	13011-87036 13011-87305 13011-87307 13011-87308	DELTA
				2	2.000	x	3.800	Mt.555 All Plt		
				O1	4.000	x	4.100			
DL	4	2765	92.000	1	2.500	x	3.800	SJD10026ZZ	13011-87310 13011-87311 13011-87312 13011-97313	DELTA
				2	2.000	x	3.800	Mt.555 All Plt		
				O1	4.000	x	4.100			
DL	4	2765	92.000	1	2.500	x	3.800	SDD10026ZZ	13011-87320A	DELTA
				2	2.000	x	3.800	555		
				O1	4.000	x	4.100			
DL-T	4	2765	92.000	1	2.500	x	3.450	SDD10048ZZ	13011-87317-000	
				2	2.000	x	3.800	555		
				O1	4.000	x	4.350			
F50	4	2530	88.000	1	2.500	x	3.800	SJD10025ZZ	13011-87036 13011-87305 13011-87307 13011-87308	
				2	2.000	x	3.800	Mt.555 All Plt		
				O1	4.000	x	4.100			
FB	4	1861	85.000	1	2.000	x	3.900	SCD10049ZZ	13011-87301-00	
				2	2.000	x	3.900	DISCONTINUED 500 All Plt		
				O1	4.000	x	3.900			
V20	4	2530	88.000	1	2.500	x	3.800	SJD10025ZZ	13011-87036 13011-87305 13011-87307 13011-87308	
				2	2.000	x	3.800	Mt.555 All Plt		
				O1	4.000	x	4.100			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
HINO DIESEL ENGINE											
DK10 DK20	6	10178	120.000	1	3.500	x	4.600	SJH20012ZZ	13011-1270		
					3.500	x	4.600				
					3.500	x	4.600				
					O1	5.000	x				4.500
					O2	5.000	x				4.600
					Mt.555						
DK10 DK20	6	10178	120.000	1	3.500	x	4.600	SCH20012ZZ	13011-1270		
					3.500	x	4.600				
					3.500	x	4.600				
					O1	5.000	x				4.600
					O2	5.000	x				4.600
					SJH20012ZZ 555						
DM100	6	4313	90.000	1	2.500	x	3.700	SCH20004ZZ	13011-1350		
					2.500	x	3.700				
					2.500	x	3.700				
					O1	4.000	x				3.700
					O2	4.000	x				3.700
					500						
DM100	6	4313	90.000	1	2.500	x	3.700	SJH20004ZZ	13011-1350		
					2.500	x	3.700				
					2.500	x	3.700				
					O1	4.000	x				3.700
					O2	4.000	x				3.700
					SCH20004ZZ Mt.555						
DQ100	6	4507	92.000	1	2.500	x	3.900	SCH20032ZZ	13011-1360A		
					2.500	x	3.900				
					2.500	x	3.900				
					O1	4.000	x				3.900
					O2	4.000	x				3.900
					500						
DS50 DS60 DS80	6	7982	110.000	1	3.000	x	4.500	SJH20007ZZ	13011-1680		
					3.000	x	4.500				
					3.000	x	4.500				
					O1	4.500	x				4.400
					O2	4.500	x				4.500
					Mt.555						
DS50 DS60 DS80	6	7982	110.000	1	3.000	x	4.500	SCH20007ZZ	13011-1250		
					3.000	x	4.500				
					3.000	x	4.500				
					O1	4.500	x				4.500
					O2	4.500	x				4.500
					500						
DS50 DS60 DS80	6	7982	110.000	1	3.000	x	4.500	SDH20007ZZ	13011-1680		
					3.000	x	4.500				
					3.000	x	4.500				
					O1	4.500	x				4.400
					O2	4.500	x				4.400
					SJH20007ZZ 555						
DS70 DS90	6	7013	105.000	1	3.000	x	4.200	SCH20006ZZ	13011-1210		
					3.000	x	4.200				
					3.000	x	4.200				
					O1	4.500	x				4.200
					O2	4.500	x				4.200
					500						

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HINO DIESEL ENGINE										
DS70 DS90	6	7013	105.000	1	3.000	x	4.200	SJH20006ZZ SCH20006ZZ Mt.555	13011-1210 13011-1550 13011-1550A	
				2	3.000	x	4.200			
				3	3.000	x	4.200			
				O1	4.500	x	4.200			
				O2	4.500	x	4.200			
DS70A For industrial machine.	6	7013	105.000	1	3.000	x	4.200	SCH20015ZZ	13011-1220	
				2	3.000	x	4.200	500		
				3	3.000	x	4.200			
				O1	4.500	x	4.200			
				O2	4.500	x	4.200			
DS140	12	17449	115.000	1	3.500	x	4.700	SCH20041ZZ	3360-120-501	
				2	3.000	x	4.600	DISCONTINUED		
				3	3.000	x	4.600	500		
				O1	5.000	x	4.600			
EB100 EB200	6	9036	115.000	1	3.500	x	4.700	SJH20040ZZ	13011-1780	
				2	3.000	x	4.600	DISCONTINUED		
				3	3.000	x	4.600	Mt.555		
				O1	5.000	x	4.500			
				O2	5.000	x	4.600			
EB100 EB200	6	9036	115.000	1	3.500	x	4.700	SCH20040ZZ	13011-1300	
				2	3.000	x	4.600	DISCONTINUED	13011-1310	
				3	3.000	x	4.600	500	13011-1690	
				O1	5.000	x	4.600			
				O2	5.000	x	4.600			
EB100 EB200	6	9036	115.000	1	3.500	x	4.600	SDH20040ZZ	13011-1300C	
				2	3.000	x	4.600	DISCONTINUED	13011-1430A(CYL)	
				3	3.000	x	4.600	500	13011-1690	
				O1	5.000	x	4.600			
				O2	5.000	x	4.600			
EB300	6	9838	120.000	1	3.500	x	4.600	SDH20017ZZ	13011-1720	
				2	3.500	x	4.600	555	12011-1330	
				3	3.500	x	4.600		12011-1730A	
				O1	6.000	x	3.700		3334-1205-09	
EB400	6	9838	120.000	1	3.306	x	4.600	SDH20027ZZ	13011-1630	
				2	3.000	x	4.600	555	13011-1640	
				3	3.000	x	4.600		13011-1640A	
				O1	6.000	x	5.500			
EB400	6	9838	120.000	1	3.500	x	4.600	SDH20035ZZ	13011-1940	
				2	3.000	x	4.600	555		
				3	3.000	x	4.600	1st-Plt		
				O1	6.000	x	5.500	2nd-Plt		
EC100	6	5010	97.000	1	2.500	x	4.300	SCH20005ZZ	13011-1390	
				2	2.500	x	4.300	500		
				3	2.500	x	4.300			
				O1	4.000	x	4.300			
				O2	4.000	x	4.300			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HINO DIESEL ENGINE										
EC100	6	5010	97.000	1	2.500	x	4.300	SHH20005ZZ SCH20005ZZ Mt.555	13011-1400	
				2	2.500	x	4.300			
				3	2.500	x	4.300			
				O1	4.000	x	4.300			
				O2	4.000	x	4.300			
ED100	6	11581	128.000	1	3.500	x	4.800	SDH20020ZZ 555 2nd-IC	13011-1470 13011-1480 13011-1660 13011-1670 13011-1670A 3400-1205-09	
				2	3.500	x	4.800			
				3	3.500	x	4.800			
				O1	6.000	x	5.500			
ED100	6	11581	128.000	1	4.000	x	4.800	SDH20048ZZ 555	13011-2230A	
				2	4.000	x	4.800			
				3	3.500	x	4.800			
				O1	6.000	x	5.500			
EF100 EF100T	8	13804	130.000	1	3.500	x	5.200	SDH20018ZZ 555	13011-1580 13011-1590A 13011-1180 13011-1570 13011-1590 13011-1180A 13011-1570A 3391-1205-04	
				2	3.500	x	5.400			
				3	3.500	x	5.400			
				O1	6.000	x	5.500			
EF300 EF350	8	14232	132.000	1	3.306	x	5.200	SDH20024ZZ 555	13011-1091A 13011-1091B 13011-1100 13011-1101	
				2	3.500	x	5.400			
				3	3.500	x	5.400			
				O1	6.000	x	5.500			
EF500	8	14886	135.000	1	3.306	x	5.400	SDH20019ZZ 555	13011-1131 13011-1131B 13011-1141 13011-1460	
				2	3.500	x	5.400			
				3	3.500	x	5.400			
				O1	6.000	x	5.500			
EF500	8	14886	135.000	1	3.306	x	4.850	SXH20049ZX DISCONTINUED 555 SS999	13011-1131 13011-1131B 13011-1141 13011-1460	
				2	3.500	x	5.400			
				3	3.500	x	5.400			
				O1	6.000	x	5.500			
EF550	8	16250	135.000	1	2.800	x	5.400	SDH20039ZZ SDH30039ZX 1st-KS 2nd-IC	13011-2010A	
				2	3.500	x	5.400			
				3	6.000	x	5.400			
				O1	5.000	x	3.500			
EF550	8	16250	135.000	1	2.800	x	5.400	SDH20039ZX 1st-KS 2nd-IC	13011-2010A	
				2	3.500	x	5.400			
				3	6.000	x	5.400			
				O1	5.000	x	4.950			
EF550	8	16250	135.000	1	3.306	x	5.400	SDH20058ZZ 555	13011-2700	
				2	3.500	x	5.400			
				3	3.500	x	5.400			
				O1	5.000	x	5.500			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HINO DIESEL ENGINE										
EF700 EF750	8	15920	137.000	1	3.306	x	5.400	SDH20025ZZ	13011-1111	
				2	3.500	x	5.400	555	13011-1112	
				3	3.500	x	5.400		13011-1121	
				O1	6.000	x	5.500		13011-1122	
EF700T EF750T	8	15920 16745	137.000	1	3.306	x	5.400	SDH20031ZZ	13011-1890	
				2	3.306	x	5.400	SDH20031ZX	13011-1891	
				3	3.500	x	5.400	555 All Plt		
				O1	6.000	x	5.500			
EF700T EF750T	8	15920 16745	137.000	1	3.306	x	5.050	SDH20031ZX	13011-1890	
				2	3.306	x	5.400	555 SS999	13011-1891	
				3	3.500	x	5.400			
				O1	6.000	x	5.700			
EF700T EF750T	8	15920 16745	137.000	1	3.306	x	5.050		SJH20031ZX	13011-1890
				2	3.306	x	5.400	DISCONTINUED	13011-1891	
				3	3.500	x	5.400	Mt.555		
				O1	6.000	x	5.700			
EF750	8	15920	137.000	1	2.806	x	5.400	SDH20040ZZ	13011-1990A	
				2	3.500	x	5.400	555 1st-KS		
				3	3.000	x	5.400			
				O1	5.000	x	5.000			
EG100	8	14886	135.000	1	3.306	x	5.400		SDH20019ZZ	13011-1131
				2	3.500	x	5.400	555	13011-1131B	
				3	3.500	x	5.400		13011-1141	
				O1	6.000	x	5.500		13011-1460	
EG100	8	14886	135.000	1	3.306	x	4.850		SXH20049ZX	13011-1131
				2	3.500	x	5.400	DISCONTINUED	13011-1131B	
				3	3.500	x	5.400	555 SS999	13011-1141	
				O1	6.000	x	5.500		13011-1460	
EH100	6	5871	105.000	1	2.500	x	4.300	SHH20021ZZ	13011-1150	
				2	2.500	x	4.300	DISCONTINUED Mt.500		
				3	2.500	x	4.300			
				O1	4.000	x	4.300			
				O2	4.000	x	4.300			
EH100	6	5871	105.000	1	2.500	x	3.850		SCH20021ZX	13011-1150
				2	2.500	x	4.300	500 SS999		
				3	2.500	x	4.300			
				O1	4.000	x	4.300			
				O2	4.000	x	4.300			
EH300	6	6211	108.000	1	3.000	x	4.500		SJH20022ZZ	13011-1032
				2	2.500	x	4.500	SDH20022ZX	13011-1032A	
				3	5.000	x	4.700	Mt.555	13011-1062	
				O1	4.000	x	4.500			
EH300	6	6211	108.000	1	3.000	x	4.050	SDH20022ZX	13011-1032	
				2	2.500	x	4.500	555 SS999	13011-1032A	
				3	5.000	x	4.950		13011-1062	
				O1	4.000	x	4.500			
EH500	6	6211	108.000	1	3.000	x	4.500		SJH20030ZZ	13011-1860
				2	2.500	x	4.500	DISCONTINUED	13011-1860A	
				3	2.500	x	4.500	Mt.555		
				O1	5.000	x	4.700			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HINO DIESEL ENGINE										
EH500	6	6485	108.000	1	3.000	x	4.500	SJH20042ZZ	13011-2080	
				2	2.500	x	4.500	SDH20042ZX		
				3	2.500	x	4.500	Mt.555		
				O1	5.000	x	4.700			
EGH500	6	6485	108.000	1	3.000	x	4.050	SDH20042ZX	13011-2080	
				2	2.500	x	4.500	555		
				3	2.500	x	4.500	SS999		
				O1	5.000	x	4.950			
EH700	6	6443	110.000	1	3.000	x	4.500	SJH20043ZZ	13011-1610B 13011-1620 13011-1620A 13011-2070A 13011-2090	
				2	2.500	x	4.500	SDH20043ZX		
				3	2.500	x	4.500	Mt.555		
				O1	5.000	x	4.700			
EH700	6	6443 6728	110.000	1	3.000	x	4.500	SDH20043ZX	13011-1610B 13011-1620 13011-1620A 13011-2070A 13011-2090	
				2	2.500	x	4.500	555		
				3	2.500	x	4.500	SS999		
				O1	5.000	x	4.700			
EH700T1	6	6443	110.000	1	2.806	x	4.500	SDH20054ZZ	13011-2560A 13011-2561A	
				2	2.500	x	4.500	DISCONTINUED		
				3	2.500	x	4.500	555		
				O1	5.000	x	4.700			
EK100 EK200	6	13267	137.000	1	3.306	x	5.400	SDH20023ZZ	13011-1010 13011-1011 13011-1021 13011-1021B 13011-2210	
				2	3.500	x	5.400	SDH30023ZX		
				3	3.500	x	5.400	555		
				O1	6.000	x	5.500			
EK100 EK200	6	13267	137.000	1	3.306	x	5.400	SDH20023ZX	13011-1010 13011-1011 13011-1021 13011-1021B 13011-2210	
				2	3.500	x	5.400	555		
				3	3.500	x	5.400	SS999		
				O1	6.000	x	5.500			
EL100	6	7862	116.000	1	3.000	x	4.800	SDH20029ZZ	13011-1700 13011-1700B 13011-1710	
				2	2.500	x	4.800	SDH20029ZX		
				3	2.500	x	4.800	555		
				O1	5.000	x	4.700			
EL100	6	7862	116.000	1	3.000	x	4.250	SDH20029ZX	13011-1700 13011-1700B 13011-1710	
				2	2.500	x	4.800	555		
				3	2.500	x	4.800	SS999		
				O1	5.000	x	4.950			
EM100	6	9419	124.000	1	2.800	x	5.000	SDH20033ZZ	13011-1921	
				2	2.500	x	5.000	SDH30033ZX		
				3	3.000	x	5.000	555		
				O1	5.000	x	5.000			
EM100	6	9419	124.000	1	2.800	x	4.450	SDH20033ZX	13011-1921	
				2	2.500	x	5.000	555		
				3	3.000	x	5.000	SS999		
				O1	5.000	x	4.950			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HINO DIESEL ENGINE										
EP100	6	8821	120.000	1	3.300	x	4.800	SJH20034ZZ SDH20034ZX 555 1st-KS 2nd-IC	13011-1952	
				2	2.800	x	4.800			
				3	2.500	x	4.800			
				O1	5.000	x	4.700			
EP100	6	8821	120.000	1	3.300	x	4.450	SDH20034ZX 555 1st-KS 2nd-IC	13011-1952	
				2	2.800	x	4.800			
				3	2.500	x	4.800			
				O1	5.000	x	4.950			
EP100	6	8821	120.000	1	3.300	x	4.800	SJH20050ZZ SDH20050ZZ 555 1st-KS 2nd-IC All Plt	13011-2370A	
				2	3.000	x	4.800			
				3	2.500	x	4.800			
				O1	5.000	x	4.700			
EP100	6	8821	120.000	1	3.300	x	4.450	SDH20050ZX 555 1st-KS 2nd-IC SS999	13011-2370A	
				2	3.000	x	4.800			
				3	2.500	x	4.800			
				O1	5.000	x	4.950			
ER200	6	11581	128.000	1	3.500	x	4.800	SDH20045ZZ 555	13011-1770 13011-1770B	
				2	3.000	x	4.800			
				3	3.000	x	4.800			
				O1	6.000	x	5.500			
EV700	10	19900	137.000	1	3.306	x	5.400	SDH20028ZZ 555	13011-1741 13011-1741B 13011-1751 13011-2200A	
				2	3.500	x	5.400			
				3	3.500	x	5.400			
				O1	6.000	x	5.500			
F17D	8	17238	137.000	1	3.306	x	5.400	SDH20059ZZ SDH20059ZX 555	13011-2780 13011-2990 13011-2991 13011-3001	
				2	3.500	x	5.400			
				3	3.500	x	5.400			
				O1	5.000	x	4.950			
F17D	8	17238	137.000	1	3.306	x	5.400	SDH20059ZX 555 SS999	13011-2780 13011-2990 13011-2991 13011-3001	
				2	3.500	x	5.400			
				3	3.500	x	5.400			
				O1	5.000	x	4.950			
F17DT	8	17238	137.000	1	3.306	x	5.400	SJH20059ZZ DISCONTINUED Mt.555	13011-2850	
				2	3.500	x	5.400			
				3	3.500	x	5.400			
				O1	5.000	x	4.950			
F17C	8	17238	139.000	1	3.306	x	5.400	SDH20053ZZ SDH30053ZX 1st-KS 555	13011-2180A	
				2	3.500	x	5.500			
				3	3.500	x	5.500			
				O1	5.000	x	5.500			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HINO DIESEL ENGINE										
F17C	8	17238	139.000	1	3.306	x	5.400	SDH20053ZX	13011-2180A	
				2	3.500	x	5.500	1st-KS		
				3	3.500	x	5.500	555		
				O1	5.000	x	5.500	SS999		
F17DT	8	17238	139.000	1	3.306	x	5.400	SJH20065ZZ	13011-2910A	
				2	3.306	x	5.400			
				3	3.500	x	5.400	1st-KS		
				O1	5.000	x	5.500	Mt.555		
F17DTI	8	17238	139.000	1	3.306	x	5.400	SJH20078ZZ	13011-3480A	
				2	3.500	x	5.400			
				3	3.500	x	5.400	1st-KS		
				O1	4.000	x	4.150			
F17E	8	17238	139.000	1	3.306	x	5.400	SDH20070ZZ	13011-3150A	
				2	3.500	x	5.500	DISCONTINUED		
				3	3.500	x	5.500	555		
				O1	5.000	x	4.950			
F17E	8	17238	139.000	1	3.306	x	5.400	SDH20106ZZ		
				2	3.500	x	5.500	DISCONTINUED		
				3	3.500	x	5.500	555		
				O1	5.000	x	4.950			
F20C	8	19688	146.000	1	3.306	x	5.600	SJH20062ZZ	13011-2792A	
				2	3.500	x	5.600			
				3	3.500	x	5.700	Mt.555		
				O1	5.000	x	4.950			
F20C	8	19688	146.000	1	3.306	x	5.600	SJH20077ZZ	13011-3320A	
				2	3.000	x	5.600			
				3	3.000	x	5.700	Mt.555		
				O1	4.000	x	4.650			
F21C	8	19688	150.000	1	3.306	x	5.800	SJH20076ZZ	13011-3310A	
				2	3.000	x	5.800			
				3	3.000	x	5.800	Mt.555		
				O1	4.000	x	4.650			
H06C	6	6485	108.000	1	3.000	x	4.500	SJH20042ZZ	13011-2080	
				2	2.500	x	4.500	SDH20042ZX		
				3	2.500	x	4.500	Mt.555		
				O1	5.000	x	4.700			
H06C	6	6485	108.000	1	3.000	x	4.050	SDH20042ZX	13011-2080	
				2	2.500	x	4.500			
				3	2.500	x	4.500	555		
				O1	5.000	x	4.950	SS999		
H06BTA	6	6224	105.800	1	2.806	x	4.400	SDH20044ZZ	13011-2260A	
				2	2.500	x	4.400	DISCONTINUED	13011-2500A	
				3	2.500	x	4.400	Mt.555	13011-2630A	
				O1	5.000	x	4.700			
H06BTI	6	6224	105.800	1	2.806	x	3.950	SJH20064ZZ	13011-2880A	
				2	2.500	x	4.400	DISCONTINUED		
				3	2.500	x	4.400	Mt.555		
				O1	5.000	x	4.700			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HINO DIESEL ENGINE										
H06BT1	6	6224	105.800	1	2.806	x	3.950	SDH20097ZZ DISCONTINUED 555	13011-3850A	
				2	2.500	x	4.400			
				3	2.500	x	4.400			
				O1	4.000	x	4.150			
H06CTA	6	6485	108.000	1	2.800	x	4.500	SDH20037ZZ SDH30037ZX 555 1st-KS	13011-1961	
				2	2.500	x	4.500			
				3	2.500	x	4.500			
				O1	5.000	x	4.700			
H06CTA	6	6485	108.000	1	2.800	x	4.050	SDH20037ZX 555 1st-KS SS999	13011-1961	
				2	2.500	x	4.500			
				3	2.500	x	4.500			
				O1	5.000	x	4.950			
H06CTI	6	6485	108.000	1	2.800	x	4.500	SDH20075ZZ 555	13011-3281-A	
				2	2.500	x	4.500			
				3	2.500	x	4.500			
				O1	5.000	x	4.700			
H06CTI	6	6485	108.000	1	2.800	x	4.050	SJH20084ZZ 555 SS999	13011-3520A	
				2	2.500	x	4.500			
				3	2.500	x	4.500			
				O1	5.000	x	4.950			
H07BT1	6		105.800	1	2.948	x	3.950	SDH20089ZZ 555	13011-3630A	
				2	2.000	x	4.400			
				O1	4.000	x	4.350			
H07C	6	6443 6728	110.000	1	3.000	x	4.050	SJH20043ZZ SDH20043ZX Mt.555	13011-1610B 13011-1620 13011-1620A 13011-2070A 13011-2090	
				2	2.500	x	4.500			
				3	2.500	x	4.500			
				O1	5.000	x	4.950			
H07C	6	6443 6728	110.000	1	3.000	x	4.500	SDH20043ZX 555 SS999	13011-1610B 13011-1620 13011-1620A 13011-2070A 13011-2090	
				2	2.500	x	4.500			
				3	2.500	x	4.500			
				O1	5.000	x	4.700			
H07CT	6	6728	110.000	1	2.806	x	4.500	SJH20057ZZ SDH20057ZX Mt.555	13011-2672A	
				2	2.000	x	4.500			
				3	2.500	x	4.500			
				O1	4.000	x	4.150			
H07CT	6	6728	110.000	1	2.806	x	4.050	SDH20057ZX 555 SS999	13011-2672A	
				2	2.000	x	4.500			
				3	2.500	x	4.500			
				O1	4.000	x	4.350			
H07CT	6	6728	110.000	1	2.806	x	4.500	SJH20079ZZ 1st-KS All Plt	13011-3510A	
				2	2.000	x	4.500			
				3	2.000	x	4.500			
				O1	4.000	x	4.150			
H07D	6	7412	110.000	1	3.000	x	4.500	SJH20056ZZ DISCONTINUED Mt.555	13011-2651A	
				2	2.000	x	4.500			
				O1	4.000	x	4.150			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HINO DIESEL ENGINE										
H07D	6	7412	110.000	1	3.000	x	4.050	SDH20056ZX	13011-2651A	
				2	2.000	x	4.500			
				O1	4.000	x	4.350	Mt.555		
J05C	4	5307	114.000	1	3.000	x	4.500	SJH20084ZZ	13011-3391B	
				2	2.000	x	4.500	DISCONTINUED	13019-1380A	
				O1	4.000	x	4.150	Mt.555		
J05C	4	5307	114.000	1	3.000	x	4.500	SJH20084ZY	13011-3391B	
				2	2.000	x	4.300	DISCONTINUED	13019-1380A	
				O1	4.000	x	4.350	SS999		
J05C	4	5307	114.000	1	2.500	x	4.350	SJH20086ZY	13011-3880A	
				2	2.000	x	4.300	DISCONTINUED	13011-3940A	
				O1	4.000	x	4.350	Mt.555	13019-1010B	
J07C	5	6634	114.000	1	2.500	x	4.350	SDH20087ZY	13011-3660A	
				2	2.000	x	4.300		13011-3900A	
				O1	4.000	x	4.350	555	13019-1010B	
J07C	5	6634	114.000	1	3.000	x	4.500	SDH20082ZZ	13011-3371B	
				2	2.000	x	4.300		13011-3771A	
				O1	4.000	x	4.350	Mt.555	13019-1380A	
J07E	5		112.000	1	2.500	x	4.150	SDH20104ZY	13011-4050A	
				2	2.000	x	4.300		13019-1120A	
				O1	4.000	x	4.350	555		
J08BT1	6		110.900	1	2.948	x	3.950	SDH20098ZZ	13011-3811A	
				2	2.000	x	4.600		13011-3860A	
				O1	4.000	x	4.450	555		
J08C	6	7961	114.000	1	3.000	x	4.500	SJH20067ZZ	13011-2960A	
				2	2.000	x	4.500	DISCONTINUED	13011-2961A	
				O1	4.000	x	4.150	Mt.555	13011-2962A	
J08C	6	7961	114.000	1	2.500	x	4.350	SDH20088ZY	13011-3570A	
				2	2.000	x	4.300		13011-3820A	
				O1	4.000	x	4.350	555	13011-3870A	
J08C	6	7961	114.000	1	3.000	x	4.500	SXH20090ZZ	13011-3060A	
				2	2.000	x	4.500	DISCONTINUED	13019-1390A	
				O1	4.000	x	3.400	Mt.777		
J08E	6		112.000	1	2.500	x	4.150	SDH20102ZY	13011-4040A	
				2	2.000	x	4.300		13019-1120A	
				O1	4.000	x	4.350	555		
K13BTI	6		132.900	1	3.306	x	4.800	SJH20074ZZ	13011-3210A	
				2	3.500	x	5.400			
				3	3.500	x	5.400			
				O1	5.000	x	5.500	Mt.555		
Feg100										
K13C	6	12882	135.000	1	3.306	x	5.400	SJH20051ZZ	13011-2410A	
				2	3.500	x	5.400			
				3	3.500	x	5.400			
				O1	6.000	x	5.500	Mt.555 1st-KS 2nd-IC All Plt		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HINO DIESEL ENGINE										
K13C	6	12882	135.000	1	3.306	x	5.400	SJH20063ZZ	13011-2841A	
				2	3.500	x	5.400	DISCONTINUED		
				3	3.500	x	5.400	Mt.555		
				O1	5.000	x	5.500			
K13C	6	12882	135.000	1	3.306	x	5.400	SJH20071ZZ	13011-3090A	
				2	3.500	x	5.400	Mt.555		
				3	3.500	x	5.400			
				O1	5.000	x	4.950			
K13D	6	13267	137.000	1	3.306	x	5.400		SDH20061ZZ	13011-2770 13011-2771
				2	3.500	x	5.400	DISCONTINUED		
				3	3.500	x	5.400	555		
				O1	5.000	x	4.950			
K13D	6	13267	137.000	1	3.306	x	5.050	SDH20061ZX	13011-2770 13011-2771	
				2	3.500	x	5.400	555 SS999		
				3	3.500	x	5.400			
				O1	5.000	x	4.950			
M10U	6	9880	127.000	1	3.300	x	5.200		SDH20049ZZ	13011-2250A
				2	3.000	x	5.200	555 1st-KS 2nd-IC All Plt		
				3	3.000	x	5.400			
				O1	3.000	x	5.000			
P09BTI	6	8501	117.800	1	3.306	x	4.800		SJH20046ZZ	13011-2280A
				2	2.806	x	4.800	Mt.555		
				3	2.500	x	4.800			
				O1	5.000	x	4.700			
P10CTI	6	8501	117.800	1	3.306	x	4.400		SDH20083ZZ	13011-3420A
				2	2.806	x	4.800	555		
				3	2.500	x	4.800			
				O1	5.000	x	4.650			
P11BT1 P11C	6	10520	122.000	1	3.306	x	4.400		SDH20073ZZ	13011-3110A 13011-3111A 13011-3112A 13011-3114A 13011-3114B 13011-3800A 13011-3830A 13011-3870A
				2	2.306	x	4.800	555		
				3	2.000	x	4.800			
				O1	4.000	x	4.650			
V21C	10	20932	137.000	1	3.306	x	5.400		SJH20060ZZ	13011-2730A
				2	3.500	x	5.400	DISCONTINUED		
				3	3.500	x	5.400	Mt.555		
				O1	5.000	x	5.500			
V22C	10	21548	139.000	1	3.306	x	5.400	SDH20052ZZ	13011-2470A 13011-2471A 13011-2472A	
				2	3.500	x	5.500	555 1st-KS 2nd-IC		
				3	3.500	x	5.500			
				O1	6.000	x	5.500			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HINO DIESEL ENGINE										
V22D	10	21548	139.000	1	3.306	x	5.400	SDH20066ZZ DISCONTINUED 555	13011-2920A	
				2	3.500	x	5.500			
				3	3.500	x	5.600			
				O1	5.000	x	5.500			
V22D	10	21548	139.000	1	3.306	x	5.400	SDH20072ZZ 555	13011-3170A 13011-3180	
				2	3.500	x	5.500			
				3	3.500	x	5.600			
				O1	5.000	x	4.950			
V25C	10	24610	146.000	1	3.306	x	5.600	SJH20069ZZ Mt.555	13011-2980A	
				2	3.500	x	5.600			
				3	3.500	x	5.700			
				O1	5.000	x	4.950			
V26C	10	25977	150.000	1	3.306	x	5.550	SJH20080ZY Mt.555	13011-3450A 13019-1730A	
				2	3.000	x	5.800			
				3	3.000	x	5.800			
				O1	4.000	x	4.650			
W04CT	4	3839	104.000	1	2.800	x	4.300	SJH20047ZZ Mt.555 1st-KS	13011-2270A 13011-2270C	
				2	2.500	x	4.300			
				O1	5.000	x	4.700			
W04CTI	4	3839	104.000	1	2.806	x	4.300	SJH20068ZZ Mt.555	13011-2891A	
				2	2.500	x	4.300			
				O1	4.000	x	4.150			
W04D	4	4009	104.000	1	2.500	x	4.300	SJH20038ZZ DISCONTINUED Mt.555	13011-1973 13011-2540	
				2	2.000	x	4.300			
				O1	5.000	x	4.700			
W04D	4	4009	104.000	1	2.500	x	3.850	SDH20038ZX 555 SS999	13011-1973 13011-2540	
				2	2.000	x	4.300			
				O1	5.000	x	4.850			
W04DJ	4	4009	104.000	1	2.500	x	3.700	SDH20099ZZ 555	13011-3950A	
				2	2.000	x	4.300			
				O1	4.000	x	4.350			
W04DTK	4	4009	104.000	1	2.806	x	4.300	SDH20099ZZ Mt.555	13011-4080B	
				2	2.000	x	4.300			
				O1	4.000	x	4.350			
W04D-TK	4	4009	104.000	1	2.806	x	3.850	SDH20103ZX DISCONTINUED Mt.555	13011-4080B 13019-1170A (Cyl)	
				2	2.000	x	4.300			
				O1	4.000	x	4.350			
W06D	6	5759	104.000	1	2.500	x	4.300	SJH20041ZZ SDH20041ZX Mt.555	13011-1983 13011-2420 13011-2440	
				2	2.000	x	4.300			
				O1	5.000	x	4.700			
W06D	6	5759	104.000	1	2.500	x	3.850	SDH20041ZX 555 SS999	13011-1983 13011-2420 13011-2440	
				2	2.000	x	4.300			
				O1	5.000	x	4.850			
W06DTI	6	6014	104.000	1	2.806	x	4.300	SJH20055ZZ	13011-2610A 13011-2680A 13011-2950A 13019-1160A (Cyl)	
				2	2.500	x	4.300			
				O1	5.000	x	4.700			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HINO DIESEL ENGINE										
YK28	4		104.000	1	2.500	x	3.750	SDH20101ZZ	13011-4020A	
				2	2.000	x	3.700	DISCONTINUED		
				O1	4.000	x	4.350	555		
YK37	4		137.000	1	3.306	x	4.350	SDH20100ZY	13011-4010A	
				2	2.806	x	4.900			
				3	2.500	x	4.500	Mt.555		
				O1	4.000	x	4.400			
YJ38 YJ39	6		135.000	1	3.306	x	5.400	SJH20085ZZ	13011-3540A	
				2	3.500	x	5.400			
				3	3.500	x	5.400	Mt.555		
				O1	4.000	x	2.850			
YJ66	8		137.000	1	3.306	x	4.950	SJH20095ZZ	13011-3770A	
				2	3.500	x	5.400	DISCONTINUED		
				3	3.500	x	5.400	Mt.555		
				O1	4.000	x	4.950			
YJ67	8		150.000	1	3.306	x	5.550	SJH20093ZY	13011-3760A	
				2	3.000	x	5.800	DISCONTINUED		
				3	3.000	x	5.800	Mt.555		
				O1	4.000	x	4.650			
YJ70	6		122.000	1	3.306	x	4.400	SDH20073ZZ	13011-3810A	
				2	2.306	x	4.800		13011-3811A	
				3	2.000	x	4.800	555		
				O1	4.000	x	4.650			
YJ73 YJ74	6		135.000	1	3.306	x	4.950	SJH20092ZZ	13011-3790A	
				2	3.500	x	5.400	DISCONTINUED		
				3	3.500	x	5.400	Mt.555		
				O1	5.000	x	4.950			
YJ75	4		114.000	1	2.500	x	4.300	SDH20091ZZ	13011-3221A	
				2	2.000	x	4.300	SDH20086ZY		
				O1	4.000	x	4.350	555		
YJ97	6		122.000	1	3.306	x	4.400	SWH20096ZZ	13011-3840A	
				2	2.306	x	4.800	DISCONTINUED		
				3	2.000	x	4.800	777		
				O1	4.000	x	3.400			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HONDA GASOLINE ENGINE										
4ZE1	4	2559	92.600	1	1.500	x	3.100	SWH40162ZZ SWI10144ZZ 777	8-9037-801-1	PASSPORT
				O1	4.000	x	2.500			
611	2	360	67.000	1	1.500	x	2.900	SWH30059ZZ 777	13011-611-003 13011-611-004	
				O1	2.800	x	2.750			
6VD1	6	3165	93.400	1	1.500	x	3.450	SWI10185ZZ 777	8-97162-198-0	PASSPORT SLX
				O1	4.000	x	3.150			
6VE1	6	3494	93.400	1	1.500	x	3.250	SWI10191ZZ 777	8-97136-135-0	PASSPORT SLX
				O1	3.000	x	2.850			
A18A1	4	1829	80.000	1	1.500	x	3.050	SWH30251ZZ 777	13011-PH2-003	PRELUDE
				O1	4.000	x	2.650			
A18A7	4	1829	80.000	1	1.200	x	3.050	SWH30409ZZ 777	13011-PH2-902	ACCORD PRELUDE
				O1	2.800	x	2.850			
A20A	4	1955 2000	82.700	1	1.500	x	3.100	SWH30386ZZ 777	13011-PH4-601 13011-PH4-602	ACCORD
				O1	4.000	x	3.200			
A20A A20A1 A20A3	4	1955 2000	82.700	1	1.500	x	3.100	SWH30366ZZ 777	13011-PH4-004 13011-PH4-751	ACCORD PRELUDE
				O1	4.000	x	3.250			
B16A2 B16A3	4	1590	81.000	1	1.000	x	3.100	SWH30373ZZ 777	13011-PR3-003 13011-PR3-004	CIVIC DEL SOL
				O1	2.800	x	2.700		13011-PR4-A02	INTEGRA
B17A1	4	1678								
B18A1 B18B1 B18C1	4	1835								
B18A B20A	4	2000	81.000	1	1.200	x	3.100	SWH30396ZZ SWH30375ZZ 777	13011-PH3-004 13011-PH3-901 13011-PH5-003 13011-PJ5-601 13011-PK1-003	PRELUDE
				O1	2.800	x	3.050			
B20A B20A3 B20A5	4	1958	81.000	1	1.200	x	3.100	SWH30375ZZ 777	13011-PK1-751	PRELUDE
				O1	2.800	x	2.800			
B20B4 B20Z2	4	1972	84.000	1	1.200	x	2.900	SWH30437ZZ 777	13011-P3F-003 13011-PHK-003	CR-V
				O1	2.800	x	2.600			
B21A1	4	2056	83.000	1	1.200	x	3.050	SWH30448ZZ 777	13011-PK3-A04	PRELUDE
				O1	2.800	x	2.800			
BS BT	4	1955	82.700	1	1.500	x	3.100	SWH30366ZZ 777	13011-PH4-004	ACCORD PRELUDE
				O1	4.000	x	2.650			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
HONDA GASOLINE ENGINE											
C20A	6	1996	82.000	1	1.200	x	3.050	SWH30449ZZ	13011-PH6-003	LEGEND	
					2	1.200	x	3.300			777
					O1	2.800	x	2.850			
C25A1	6	2494	84.000	1	1.200	x	3.100	SWH30369ZZ	13011-PH7-004	LEGEND	
					2	1.200	x	3.600			777
					O1	4.000	x	3.200			
C27A1 C27A4	6	2675	87.000	1	1.200	x	3.100	SWH30370ZZ	13011-P0G-A01 13011-P0G-A02	ACCORD LEGEND	
					2	1.200	x	3.500			777
					O1	4.000	x	2.440			
C30A1	6	2977	90.000	1	1.200	x	3.100	SWH30368ZZ	13011-PR7-A02	NSX NSX-T	
					2	1.200	x	3.400			DISCONTINUED 777
					O1	2.800	x	2.850			
C32A1	6	3206	90.000	1	1.200	x	3.300	SWH30371ZZ	13011-P5G-003 13011-P5G-004 13011-PY3-003	3.2CL 3.2TL LEGEND	
					2	1.200	x	3.700			777
					O1	2.800	x	2.850			
C32B1	6	3179	93.000	1		x		NA	-	NSX NSX-T	
					2		x				
					O1		x				
C35A1	6	3474	90.000	1		x		NA	13011-P5A-004	3.5RL	
					2		x				
					O1		x				
D13A2	4	1342	74.000	1	1.200	x	2.800	SWH30252ZZ	13011-PE0-662	CRX	
					2	-	x	-			777
					O1	2.800	x	1.750			
D15A2	4	1488	74.000	1	1.200	x	2.800	SWH30253ZZ	13011-PA6-014	CRX	
					2	1.200	x	3.200			777
					O1	2.800	x	2.800			
D15A3	4	1488	74.000	1	1.500	x	2.900	SWH30486ZZ	04151-PE7-305	CRX	
					2	1.500	x	3.200			SWH30114ZZ 777
					O1	4.000	x	2.520			
D15B D15B1 D15B2 D15B7 D15B8	4	1493	75.000	1	1.200	x	2.700	SWH30365ZZ	13011-P04-G02 13011-PM5-A02	CIVIC CRX DEL SOL INTEGRA	
					2	1.500	x	3.200			777
					O1	2.800	x	2.800			
D15B6	4	1493	75.000	1	1.000	x	2.700	SWH30363ZZ	13011-PM8-A02	CRX	
					2	1.200	x	3.200			777
					O1	2.800	x	2.400			
D15B7	4	1493	75.000	1	1.200	x	2.700	SWH30445ZZ	13011-PO4-G02		
					2	1.200	x	3.000			777
					O1	2.800	x	2.800			
D15B7 D15B8	4	1493	75.000	1	1.200	x	2.800	SWH30362ZZ	13011-P10-A03	CIVIC DEL SOL	
					2	1.500	x	3.200			777
					O1	2.800	x	2.800			
D15Z1	4	1493	75.000	1	1.000	x	2.650	SWH30423ZZ	13011-P07-004	CIVIC DEL SOL	
					2	1.200	x	3.000			777
					O1	2.800	x	2.550			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HONDA GASOLINE ENGINE										
D16A D16A1 D16A6	4	1590	75.000	1 2 O1	1.200 1.500 2.800	x x x	2.800 3.200 2.800	SWH30362ZZ Mt.777	13011-PM6-G02	CIVIC CRX INTEGRA
D16A1	4	1590	75.000	1 2 O1	1.200 1.500 2.800	x x x	2.700 3.200 2.800	SWH30365ZZ 777	13011-PJ1-752	INTEGRA
D16Y5 D16Y7 D16Y8	4	1590	75.000	1 2 O1	1.000 1.200 2.800	x x x	2.650 3.000 2.550	SWH30423ZZ 777	13011-P07-004 13011-P2F-A01	CIVIC DEL SOL
D16Z6	4	1590	75.000	1 2 O1	1.200 1.500 2.800	x x x	2.800 3.200 2.800	SWH30362ZZ Mt.777	13011-P28-A02	CIVIC DEL SOL
D17A1	4	1668	75.000	1 2 O1	1.000 1.200 2.000	x x x	2.650 3.000 2.450	SWH30440ZZ 777	13011-PLM-A00	CIVIC
D17A7 D17A8	4	1668	75.000	1 2 O1	1.000 1.200 2.000	x x x	2.650 3.000 2.450	SWH30440ZZ 777	13011-PLR-A00	CIVIC
EB1	4	1169	70.000	1 2 O1	1.500 1.500 2.800	x x x	2.800 2.600 3.150	SWH30107ZZ 777	13011-634-004 13011-634-013 13011-634-305	CIVIC
EB2	4	1237	72.000	1 2 O1	1.500 1.500 2.800	x x x	3.100 3.400 2.400	SWH30184ZZ 777	13011-642-004	CIVIC
EB3	4	1237	72.000	1 2 O1	1.500 1.500 4.000	x x x	3.400 3.400 3.100	SWH30109ZZ SWH30162ZZ 777	13011-673-000 13011-PA1-004	CIVIC
EC	4	1488	74.000	1 2 O1	1.500 1.200 2.800	x x x	3.400 3.400 3.200	SWH30091ZZ 777	13011-657-003 13011-657-305 13011-657-315 13011-657-604	CIVIC
ECA-MF2	3	995	72.000	1 2 O1		x x x		NA	13011-PHM-004	INSIGHT
ED ED3 ED4 EE EF EF1	4	1488 1238 1599	74.000	1 2 O1	1.500 1.500 4.000	x x x	3.400 3.400 3.100	SWH30114ZZ 777	13011-657-670 13011-657-671 13011-657-674 13011-657-675 13011-671-004 13011-671-010	ACCORD CIVIC
EF	4	1488	74.000	1 2 O1	1.200 1.200 2.800	x x x	2.800 3.200 2.800	SWH30253ZZ 777	13011-PA6-014 13011-PE1-004	CIVIC CRX
EJ EJ1	4	1335	72.000	1 2 O1	1.500 1.500 4.000	x x x	3.400 3.400 3.100	SWH30109ZZ SWH30162ZZ 777	13011-673-000 13011-679-621 13011-695-004 13011-PA0-004	CIVIC

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HONDA GASOLINE ENGINE										
EJ1	4	1335	72.000	1	1.000	x	2.800	SWH30219ZZ	13011-PA5-004	CIVIC
				2	1.200	x	3.200	777		
				O1	2.800	x	2.400			
EK	4	1750	77.000	1	1.500	x	2.850	SWH30483ZZ	13011-PB1-003	
				2	1.500	x	3.300	SWH30158ZZ		
				O1	4.000	x	3.250	777		
EK EK1	4	1750	77.000	1	1.500	x	3.300	SWH30158ZZ	13011-676-602	ACCORD
				2	1.500	x	3.300	777	13011-676-604	PRELUDE
				O1	4.000	x	3.050		13011-676-642	
									13011-689-003	
									13011-689-005	
									13011-689-015	
									13011-PB2-005	
									13011-PC3-601	
									13011-PC3-603	
EM	4	1488	74.000	1	1.500	x	2.900	SWH30486ZZ	13011-PA6-004	CIVIC
				2	1.500	x	3.200	SWH30114ZZ		
				O1	4.000	x	3.250	777		
EM1	4	1488	74.000	1	1.500	x	2.700	SWH30114ZZ	13011-657-674	CIVIC
				2	1.500	x	3.200	777		
				O1	4.000	x	2.250			
EM1	4	1488	74.000	1	1.500	x	2.700	SWH30253ZZ	13011-PE1-004	CIVIC
				2	1.500	x	3.200	777		
				O1	4.000	x	2.250			
EN	4	1335	72.000	1	1.500	x	3.400	SWH30409ZZ	13011-673-000	CIVIC
				2	1.500	x	3.400	SWH30162ZZ	13011-679-621	
				O1	4.000	x	3.100	777	13011-695-004	
									13011-PAO-004	
EN	4	1200	72.000	1	1.500	x	3.100	SWH30162ZZ	13011-PA1-004	CIVIC
				2	1.500	x	3.400	Mt.777		
				O1	4.000	x	3.100			
EN	4	1300	72.000	1	1.500	x	3.100	SWH30162ZZ	13011-PA5-003	CIVIC
				2	1.500	x	3.400	777	13011-PA5-004	
				O1	4.000	x	3.100			
EP	4	1601	77.000	1	1.500	x	3.300	SWH30158ZZ	13011-689-003	ACCORD
				2	1.500	x	3.300	777	13011-689-005	PRELUDE
				O1	4.000	x	3.050		13011-689-015	
									13011-PC3-601	
									13011-PC3-603	
ES ES1 ES2 ES3 ET2	4	1829	80.000	1	1.500	x	3.050	SWH30251ZZ	13011-PC6-004	ACCORD
				2	1.500	x	3.400	777	13011-PC6-013	PRELUDE
				O1	4.000	x	3.250		13011-PC7-023	
									13011-PD6-003	
									13011-PH1-003	
									13011-PH2-003	
EV1	4	1342	74.000	1	1.200	x	2.280	SWH30252ZZ	13011-PE0-662	CIVIC
				2	-	x	-	777		CRX
				O1	2.800	x	1.750			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	CYL	ENGINE SIZE CC	DIA. mm	CM B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HONDA GASOLINE ENGINE										
EV	4	1488	74.000	1	1.500	x	2.900	SWH30326ZZ	13011-PE3-004	CIVIC
EW	4	1342		2	1.500	x	3.200	777		CRX
				O1	4.000	x	3.250			
EW	4	1488	74.000	1	1.200	x	2.700	SWH30364ZZ	13011-PE7-014	
				2	1.200	x	3.200	SWH30253ZZ		
				O1	2.800	x	2.850	777		
EW1	4	1488	74.000	1	1.200	x	2.700	SWH30374ZZ	13011-PE0-004	CIVIC
				2	1.200	x	3.200	777		CRX
				O1	2.800	x	2.250			
EW1	4	1488	74.000	1	1.200	x	2.700	SWH30253ZZ	13011-PA6-014	CIVIC
EW3				2	1.200	x	3.200	777		CRX
				O1	2.800	x	2.250			
EW3	4	1488	74.000	1	1.500	x	2.900	SWH30486ZZ	04151-PE7-305	CIVIC
EW4				2	1.500	x	3.200	SWH30114ZZ		CRX
				O1	4.000	x	2.520	777		
EY	4	1598	80.000	1	1.500	x	3.050	SWH30251ZZ	13011-PC6-004	ACCORD
				2	1.500	x	3.400	777	13011-PC6-013	PRELUDE
				O1	4.000	x	3.250		13011-PC7-023	
									13011-PD6-003	
									13011-PH1-003	
									13011-PH2-003	
F20C	4	1997	87.000	1		x		NA	13011-PCX-004	S2000 CONCEPT
				2		x				
				O1		x				
F22A	4	2200	85.000	1	1.200	x		SWH30476ZZ	13011-PT4-X01	ACCORD
F22B				2	1.200	x		DISCONTINUED	13011-PT4-X02	
				O1	2.800	x		777	13011-PT4-X03	
									13011-PT4-X04	
F22A1	4	2156	85.000	1	1.200	x	3.100	SWH30383ZZ	13011-P0A-A04	2.2CL
F22A4				2	1.200	x	3.100	777	13011-P0H-004	ACCORD
F22A6				O1	2.800	x	2.850			PRELUDE
F22B1										ODYSSEY
F22B2										
F22B6										
F23A1	4	2254	86.000	1	1.200	x	2.900	SWH30443ZZ	13011-P8A-A01	2.3CL
F23A4				2	1.200	x	3.400	777		ACCORD
F23A5				O1	2.800	x	2.850			
F23A7	4	2253	86.000	1	1.200	x	2.900	SWH30443ZZ	13011-PEA-003	ODYSSEY
				2	1.200	x	3.400	777	13011-PEA-004	
				O1	2.800	x	2.850			
G25A1	5	2456	85.000	1	1.200	x	3.100	SWH30367ZZ	13011-PV1-003	2.5TL
G25A4				2	1.200	x	3.400	777		VIGOR
				O1	2.800	x	2.850			
H22A1	4	2156	87.000	1	1.200	x	3.100	SWH30433ZZ	13011-P13-004	PRELUDE
				2	1.200	x	3.200	777		
				O1	2.800	x	2.650			
H22A3	4	2156	87.000	1	1.200	x	3.100	SWH30433ZZ	13011-P5M-003	PRELUDE
H22A4				2	1.200	x	3.200	777		
				O1	2.800	x	2.550			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
H23A1	4	2259	87.000	1	1.200	x	3.100	SWH30433ZZ	13011-P5M-003	PRELUDE	
					2	1.200	x				3.200
					O1	2.800	x				2.550
								777			
J30A1	6	2997	86.000	1	1.200	x	2.900	SWH30432ZZ	13011-P8A-A01	3.0CL ACCORD	
					2	1.200	x				3.400
					O1	2.800	x				2.850
								777			
J32A1	6	3206	89.000	1	1.200	x	3.050	SWH30438ZZ	13011-P8F-A01	3.2CL 3.2TL	
					2	1.200	x				3.400
					O1	2.800	x				2.850
								777			
J35A1	6	3471	89.000	1	1.200	x	3.050	SWH30438ZZ	13011-P8F-A01	ODYSSEY	
					2	1.200	x				3.400
					O1	2.800	x				2.850
								777			
K20A1	4	1998	86.000	1	1.200	x	2.900	SWH30454ZZ	13011-PNE-G02	RSX CIVIC Si	
					2	1.200	x				3.400
					O1	2.000	x				2.500
								777			
K24A1 K24A4	4	2354	87.000	1		x		YWH30435/A DISCONTINUED	-	TSX ACCORD CR-V ELEMENT	
					2		x				
					O1		x				
KAB	4		72.000	1	1.000	x	2.850	SWH30414ZZ DISCONTINUED	13011-KAB-305		
					2	1.000	x				2.800
					O1	2.500	x				2.500
								777			
LDA-MF3	4	1339	73.000	1	1.000	x	2.250	SWH30474ZZ	13011-PWA-G01		
					2	1.200	x				3.000
					O1	2.000	x				2.200
								777			
N360	2	354	62.500	1	1.500	x	2.800	SWH30036ZZ DISCONTINUED	13011-567-325 13011-601-000		
					2	1.500	x				2.800
					O1	2.500	x				2.750
								777			
PE6 PEO	4	1300 1342	74.000	1	1.200	x	2.800	SWH30252ZZ	13011-PEO-662		
					O1	2.800	x				2.850
PK1 PKI	4	1800 1958	81.000	1	1.200	x	3.100	SWH30375ZZ	13011-PK1-751		
					2	1.500	x				3.200
					O1	2.800	x				2.800
								777			
PK1	4	2056	83.000	1	1.200	x	3.050	SWH30448ZZ	13011-PK3-A04	PRELUDE	
					2	1.200	x				3.100
					O1	2.800	x				2.800
								777			
PM6	4	1590	75.000	1	1.200	x	2.800	SWH30362ZZ	13011-PM6-G02		
					2	1.500	x				3.200
					O1	2.800	x				2.800
								777			
PT1	4	2000	85.000	1	1.200	x	3.050	SDH30444ZZ	13011-PT1-M02		
					2	1.200	x				3.400
					O1	3.000	x				3.250
								555			
PT4	4	2200	85.000	1	1.200	x		SWH30476ZZ DISCONTINUED	13011-PT4-X01 13011-PT4-X02 13011-PT4-X03 13011-PT4-X04	ACCORD	
					2	1.200	x				
					O1	2.800	x				
								777			
RAA	4	2354	87.000	1	1.200	x	3.100	SWH30466ZZ	13011-RAA-A01		
					2	1.200	x				3.400
					O1	2.000	x				2.500
								777			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HONDA GASOLINE ENGINE										
RGA	1		71.000	1	1.200	x	2.550	YWH30442ZZ	13011-RGA-0060	
				2	1.200	x	2.800	YWH30442ZY		
				O1	2.500	x	2.500	777		
RGB	1		71.000	1	1.200	x	2.450	YWH30442ZY	13011-RGB-0060	
				2	1.200	x	2.800			
				O1	2.500	x	2.500	777		
RKG RKZ	6		90.000	1	1.200	x	3.100	SDH30469ZZ	13011-RKG-E020-M4	LEGEND
				2	1.200	x	3.400	DISCONTINUED		
				O1	2.000	x	2.750	777		
SH4	4	1488 1500	75.000	1	1.200	x	2.700	SWH30382ZZ	13011-PM0-B02	CIVIC CRX INTEGRA
				2	1.500	x	3.200			
				O1	4.000	x	3.250	777		
SM4	4	2159	85.000	1	1.200	x	3.100	SWH30383ZZ	13011-PT0-B03	
				2	1.200	x	3.100			
				O1	2.800	x	2.850	777		
TN360 TN360E	2	354	62.500	1	1.500	x	2.800	SWH30036ZZ	13011-567-325	
				2	1.500	x	2.800	DISCONTINUED	13011-601-000	
				O1	2.500	x	2.750	777		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HYUNDAI GASOLINE ENGINE										
ALPHA	4	1600	76.500	1	1.200	x	2.850	SWG30034ZZ	23040-23100	
				2	1.200	x	3.200		23040-23150	
				O1	2.000	x	2.500	777		
BETA 1.6	4	1559	77.400	1	1.200	x	2.850	SWG30025ZZ	23040-23100	
				2	1.200	x	3.300		23040-23150	
				O1	2.500	x	2.800	777		
BETA 1.8	4	1795	82.000	1	1.200	x	3.050	SWG30028ZY	23040-23000	TIBURON
				2	1.200	x	3.500		23040-23050	
				O1	2.500	x	2.850	777		
BETA 2.0	4	1975	82.000	1	1.200	x	3.050	SWG30028ZY	23040-23200	TUCSON
				2	1.200	x	3.500			
				O1	2.500	x	2.850	777		
DELTA	4	2656	86.000	1	1.200	x	3.050	SWG30037ZZ	23040-37300	TUCSON
				2	1.200	x	3.600			
				O1	2.500	x	2.900	777		
EF2.0	4	1997	85.000	1	1.200	x	3.100	SWG30026ZZ	23040-38100	
				2	1.500	x	3.800			
				O1	2.800	x	2.550	777		
G4AE	4	1468	75.500	1	1.500	x	3.050	SWG30017ZZ	23040-22010	ACCENT
Alpha 1.5				2	1.500	x	3.100			SCOUPE
				O1	3.000	x	2.800	777		
G4CP	4	2350	85.000	1	1.200	x	3.100	SWM31071ZZ	23040-33150	GRANDEUR
Sirius 2.4D				2	1.500	x	3.800			MARCIA
				O1	3.000	x	2.550	777		SONATA
G4CR (G4R)	4	1595	82.300	1	1.200	x	3.100	SWG30021ZZ	23040-33030	ELANTRA
				2	1.500	x	3.800			
				O1	3.000	x	2.850	777		
G4DJ	4	1468	75.500	1	1.500	x	3.300	SWG30015ZZ	23040-24200	EXCEL
				2	1.500	x	3.300	SWG30023ZZ		SCOUPE
				O1	4.000	x	2.650	777		
G4EA, X1	4	1341	71.500	1	1.500	x	2.650	SWG30016ZZ	23040-22300	ACCENT
Alpha 1.3				2	1.500	x	3.100		23040-22351	
Alpha 1.3s				O1	3.000	x	2.850	777		
G4EA, X1 MPI	4	1341	71.500	1	1.200	x	2.650	SWG30036ZZ	23040-22301	ACCENT
				2	1.200	x	3.000			
				O1	2.000	x	2.500	777		
G4EB	4	1468	75.500	1	1.500	x	3.050	SWG30017ZZ	23040-22601	ACCENT
				2	1.500	x	3.100			AVENTE
				O1	3.000	x	2.750	777		
G4ED	4	1599	76.500	1	1.200	x	2.850	SWG30030ZZ	23040-26101	ACCENT
				2	1.200	x	3.300			
				O1	2.500	x	2.800	777		
G4EK	4	1468	75.500	1	1.200	x	2.850	SWG30019ZZ	23010-26001	ACCENT
Alpha 1.5				2	1.500	x	3.300			AVENTE
				O1	3.000	x	2.750	777		
G4EK MPI	4	1468	75.500	1	1.200	x	2.850	SWG30035ZZ	23010-26002	ACCENT
				2	1.200	x	3.300			
				O1	2.000	x	2.800	777		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
G4EK Alpha 1.5	4	1468	75.500	1 2 O1	1.500 1.500 4.000	x x x	2.850 3.300 3.250	SWG30023ZZ 777	23040-21110	EXCEL
G4GB Beta 1.8D	4	1795	82.000	1 2 O1	1.200 1.200 2.500	x x x	3.050 3.500 2.850	SWG30028ZY 777	23040-23000 23040-23050	TIBURON
G4HA Epsilon 0.8	4	798	63.000	1 2 O1	1.200 1.500 2.800	x x x	2.250 2.800 2.750	SWG30020ZZ 777	23040-02511	ATOS
G4HC Epsilon 1.0	4	999	66.000	1 2 O1	1.200 1.200 2.500	x x x	2.250 2.900 2.750	SWG30018ZZ 777	23040-02700	ATOS
G4HG Epsilon 1.1	4	1086	67.000	1 2 O1	1.200 1.200 2.000	x x x	2.300 2.800 3.650	SWG30038ZZ 777	23040-29050 23040-29070	SANTRO
G4JN Sirius 1.8D	4	1836	81.500	1 2 O1	1.200 1.500 3.000	x x x	3.100 3.600 2.550	SWG30032ZZ 777	23040-33430	ELANTRA SONATA
G4JP, Y2 Sirius 2.0D	4	1997	85.000	1 2 O1	1.200 1.500 3.000	x x x	3.100 3.800 2.550	SWG30027ZZ 777	23040-33140	GRANDEUR MARCIA SONATA
G4JP	4	1975	82.000	1 2 O1	1.200 1.200 2.500	x x x	3.050 3.500 2.750	SWG30028ZY 777	23040-23200	ELANTRA TUCSON
G4JS Sirius 2.4D	4	2350	86.500	1 2 O1	1.500 1.500 4.000	x x x	3.500 3.800 3.300	SWG30024ZZ 777 2nd ESTUC	23040-32610	GRACE GRANDEUR SONATA
G4JS, Y2.4	4	2350	86.500	1 2 O1	1.500 1.500 3.000	x x x	3.500 3.800 2.550	SWL03075ZZ DISCONTINUED 777	23040-32740	
G4KC	4	2359	88.000	1 2 O1	1.200 1.200 2.000	x x x	3.050 3.600 2.450	SWG30041ZZ 777	23040-25200	SONATA TUCSON
G6AT V6 3.0D	6	2972	91.100	1 2 O1	1.500 1.500 4.000	x x x	3.300 3.800 3.250	SWM31080ZZ 777	23040-35010 23040-35500 23040-35520	GALLOPER GRANDEUR SONATA
G6CU	6	3467	93.000	1 2 O1	1.500 1.500 3.000	x x x	3.500 3.900 2.850	SWM31121ZZ 777	23040-39800	XG350
THETA 2.0L	4	1998	86.000	1 2 O1	1.200 1.200 2.000	x x x	3.500 3.600 2.450	SWG30042ZZ 777	23040-25000	SONATA
X11	4		71.000	1 2 O1	1.500 1.500 4.000	x x x	2.650 3.100 3.250	SWG30022ZZ 777	23040-24010	
Y2	4	1997	85.000	1 2 O1	1.500 1.500 4.000	x x x	3.300 3.700 3.150	SWG30029ZZ 777	23040-32800	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HYUNDAI DIESEL ENGINE										
D	4	1991	83.000	1 2 O1	1.930 2.000 3.000	x	2.900 3.800 3.250	SDG30073ZZ DISCONTINUED 555	23040-29750	SANTA FE
D4AE (OLD)	4	3298	100.000	1 2 O1	3.000 2.000 5.000	x	4.000 4.200 4.800	SDG30004ZX 555 SS999	23040-41060	HD72 MIGHTY
D4AE	4	3298	100.000	1 2 O1	2.850 2.000 4.000	x	4.000 4.000 4.150	SDG30002ZZ 555	23040-41400	H3.5 HD72 MIGHTY
D4AF	4	3567	104.000	1 2 O1	3.000 2.000 4.000	x	4.100 4.200 4.150	SDG30005ZX Mt.555 1st-HKS	23040-41200	K-1 MIGHTY
D4BA (OLD)	4	2400	91.100	1 2 O1	2.500 2.000 4.000	x	3.450 3.800 4.350	SDG30003ZX 555 SS999	23040-42000	
D4BA (T)	4	2400	91.100	1 2 O1	2.000 2.000 3.000	x	3.300 3.800 3.250	SDG30004ZZ DISCONTINUED 555	23040-42200 23040-42202	H100 GRACE PORTER
D4BA (T2)	4	2400	91.100	1 2 O1	2.000 2.000 4.000	x	3.300 3.800 4.350	SDG30010ZX 555 SS999	23040-42010	GALLOPER
D4BC	4	2400	91.100	1 2 O1	2.000 2.000 3.000	x	3.300 3.800 3.250	SDG30011ZX 555 SS999	23040-42210	H100
D4BF (M)	4	2476	91.100	1 2 O1	2.500 2.000 4.000	x	3.700 3.900 3.800	SDG30009ZX 555 SS999	23040-42850	GALLOPER GRACE STAREX
D6AB D6AC	6	11149	130.000	1 2 O1	3.306 3.000 6.000	x	5.400 5.300 5.500	SDG30008ZZ 555 1st-KS All Plt	23040-83020	AERO CITY AERO EXPRESS AERO SPACE AERO TOWN
D6AC (OLD 6D22)	6	11149	130.000	1 2 O1	3.306 3.000 6.000	x	4.550 5.200 5.500	SDG30012ZZ DISCONTINUED 555	23040-83000	
D6AC (NEW 6D22)	6	11149	130.000	1 2 O1	3.306 3.000 4.000	x	4.550 5.300 4.350	SDG30014ZX 555 SS999	23040-83030	
D6AT	6	11149	130.000	1 2 O1	3.306 3.000 4.000	x	5.400 5.300 4.800	SJM31050ZZ DISCONTINUED 555 1st-KS	23040-83600	AERO CITY AERO EXPRESS AERO SPACE AERO TOWN

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
HYUNDAI DIESEL ENGINE										
D6BR (6D16)	6	7545	118.000	1	3.000	x	4.600	SDG30006ZZ	23040-93000	4.5 TON TRUCK 5 TON TRUCK
				2	2.500	x	4.600	555 SS999		
				O1	4.000	x	4.200			
D8AX	8	16031	135.000	1	3.306	x	5.400	SDG30007ZZ	23049-72000	
				2	3.000	x	5.500	555		
				3	3.000	x	5.500			
				O1	4.000	x	4.770			
D8AX D8AY D8C (OLD)	8	16031	135.000	1	3.306	x	5.400	SDG30013ZZ	23040-72000	15 TON TRUCK 18 TON TRUCK
				2	3.000	x	5.500	555		
				3	3.000	x	5.500			
				O1	6.000	x	5.700			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
4XC1	4	1471	77.000	1	1.200	x	2.800	SWI10153ZZ	8-94162-769		
					2	1.200	x	3.500	777		8-94162-770
					O1	2.800	x	3.100	777		8-94162-771
4XC1	4	1471	77.000	O1	1.200	x	3.300	SWI10151ZZ	8-94141-947-0	I-MARK	
					2.800	x	3.050	777			
4XC1T	4	1471	77.000	1	1.200	x	3.100	SWI10152ZZ	8-94109-650-0	I-MARK	
					2	1.200	x	3.350	SWI10153ZZ		
					O1	2.800	x	3.050	777		
4XE1V	4	1588	80.000	1	1.200	x	3.100	SWI10149ZZ	8-94342-124-0	STYLUS	
4XE1W	4	1809	80.000	O1	1.200	x	3.300	777	8-94370-434-0	I-MARK	
4XF1					3.000	x	2.000		8-97402-171-0	IMPULSE	
4ZB	4	1817	84.000	1	1.500	x	3.500	SWI10098ZZ	8-94130-294-0		
					2	1.500	x	3.800	777		8-94141-218-0
					O1	4.000	x	3.200	All Plt		8-94141-443-0
											8-94244-404-0
4ZC1	4	1944	88.000	1	1.500	x	3.450	SWI10133ZZ	8-94119-545-0	IMPULSE	
					2	1.500	x	3.450	777		8-94235-878-0
					O1	4.000	x	3.300	777		8-94409-555-0
4ZD1	4	2300	89.300	1	1.500	x	3.300	SWI10123ZZ	8-94136-778-0	AMIGO IMPULSE PICKUP TROOPER II	
					2	1.500	x	3.800	777		8-94153-966-0
					O1	4.000	x	3.050	777		8-94153-966-2
4ZD1	4	2300	89.300	1	1.500	x	3.450	SWI10164ZZ	8-94136-778-1	TROOPER	
					2	1.500	x	3.800	SWI10123ZZ		
					O1	4.000	x	3.100	777		
4ZE1	4	2559	92.600	1	1.500	x	3.500	SWI10144ZZ	8-94405-614-1	MU TROOPER	
					2	1.500	x	5.000	777		
					O1	4.000	x	3.050	777		
4ZE1	4	2559	92.600	1	1.500	x	3.500	SWI10162ZZ	8-94405-614-0	AMIGO PICKUP RODEO TROOPER TROOPER II	
					2	1.500	x	5.000	SWI10144ZZ		8-94405-614-2
					O1	4.000	x	3.050	777		8-94446-957-1
6VD1	6	3165	93.400	1	1.500	x	3.450	SWI10185ZZ	8-97162-198-0	RODEO TROOPER	
					2	1.500	x	4.000	777		
					O1	4.000	x	3.150	777		
6VE1	6	3494	93.400	1	1.500	x	3.250	SWI10191ZZ	8-97136-135-0	AMIGO RODEO TROOPER VehiCROSS	
					2	1.500	x	4.000	777		
					O1	3.000	x	2.850	777		
CPC	6	3137	89.000	1	1.500	x	3.700	SWI10155ZZ	8-10181-330-0	PICKUP RODEO	
					2	1.500	x	3.600	777		
					O1	4.000	x	3.650	777		
F22B6	6	2156	85.000	1	1.200	x	3.100	SWH30383ZZ	5-86202-103-0	OASIS	
					2	1.200	x	3.100	777		
					O1	2.800	x	2.850	777		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
ISUZU GASOLINE ENGINE										
F23A7	4	2253	86.000	1	1.200	x	2.900	SWH30443ZZ	5-86025-887-0	OASIS
				2	1.200	x	3.400	777		
				O1	2.800	x	2.850	777		
G161B	4	1584	82.000	1	2.000	x	3.800	SWI10012ZZ	8-12121-099	
G161AB				2	2.000	x	3.800	SWI10012ZX	8-12181-113	
G161Z				O1	4.000	x	3.800	777	8-12181-141	
G161B	4	1584	82.000	1	2.000	x	3.050	SWI10012ZX	8-12121-099	
G161AB				2	2.000	x	3.800	777	8-12181-113	
G161Z				O1	4.000	x	3.800	SS999	8-12181-141	
G161Z	4	1584	82.000	1	1.500	x	3.500	SWI10097ZZ	8-94130-293-0	
				2	1.500	x	3.800	777	8-94244-403-0	
				O1	4.000	x	3.200	All Plt		
G180	4	1817	84.000	1	2.000	x	4.000	SCI10052ZZ	5-12181-054-0	
				2	2.000	x	4.000	500	9-12181-605-0	
				O1	4.000	x	4.000			
G180	4	1817	84.000	1	2.000	x	4.000	SWI10056ZZ	8-12181-605	I-MARK PICKUP
G180Z				2	2.000	x	4.000	777	8-94208-205-0	
				O1	4.000	x	3.800	All Plt	8-94216-640-0	
G180W	4	1817	84.000	1	2.000	x	3.800	SWI10087ZZ	8-94224-555-0	
				2	2.000	x	3.800	777		
				O1	4.000	x	3.800	All Plt		
G180Z	4	1817	84.000	1	1.500	x	3.500	SWI10098ZZ	8-94130-294-0	I-MARK PICKUP
				2	1.500	x	3.800	777	8-94141-218-0	
				O1	4.000	x	3.200	All Plt	8-94141-443-0	
									8-94244-404-0	
G200	4	2000	87.000	1	2.000	x	3.800	SWI10084ZZ	8-94216-641-0	
				2	2.000	x	3.800	777		
				O1	4.000	x	3.300	All Plt		
G200Z	4	1949	87.000	1	1.500	x	3.500	SWI10096ZZ	8-94130-295-0	IMPULSE PICKUP
G200ZN				2	1.500	x	3.800	777	8-94231-817-0	TROOPER II
				O1	4.000	x	3.200	All Plt	8-94438-086-0	
G201	4	1951	86.000	1	2.500	x	4.100	SCI10024ZZ	9-12181-602-0	
				2	2.500	x	4.100	DISCONTINUED		
				O1	5.000	x	4.100	500		
LF6	6	4293	101.600	1	1.500	x	3.650	SWI10196ZZ	8-12522-848-0	HOMBRE
				2	1.500	x	4.300	777		
				O1	3.000	x	3.350			
LF7	8	5964	89.000	1	1.500	x	4.050	SWI10154ZZ	8-14089-059-0	TROOPER
				2	2.000	x	4.050	777		
				O1	4.760	x	3.850			
LL2	6	2827	89.000	1	1.500	x	4.050	SWI10154ZZ	8-14089-059-0	TROOPER
				2	2.000	x	4.050	777		
				O1	4.760	x	3.850			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESSION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
ISUZU GASOLINE ENGINE										
LN2	6	2197	89.000	1	1.500	x	4.050	SWI10195ZZ	8-12363-179-0	HOMBRE
				2	1.500	x	3.600	777		
				O1	3.000	x	2.950			
RJ1 (F22B6)	6	2156	85.000	1	1.200	x	3.100	SWH30383ZZ	5-86202-103-0	OASIS
				2	1.200	x	3.100	777		
				O1	2.800	x	2.850			
X22SE	4	2198	86.000	1	1.500	x	3.450	SWI10205ZZ	8-92062-027-0	AMIGO RODEO
				2	1.500	x	3.800	777		
				O1	3.000	x	2.850			
X22SE	4	2198	86.000	1	1.200	x	2.700	SWI10206ZZ	8-92065-115-0	RODEO RODEO SPORT
				2	1.500	x	3.800	777		
				O1	2.500	x	2.850			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
ISUZU DIESEL ENGINE										
2AB1	2	1184	86.000	1	2.000	x	3.500	SJI10068ZZ	5-12181-010-2 5-12121-010-0	
				2	2.000	x	3.500	Mt.555		
				3	2.000	x	3.500			
				O1	5.000	x	4.300			
2KA1 2KB1	2	585	70.000	1	2.000	x	2.900	SDI10108ZZ	-	
For industrial machine.				2	1.500	x	3.100	DISCONTINUED		
				O1	3.500	x	3.250	555		
3AB1	3	1777	86.000	1	2.000	x	3.500	SJI10069ZZ	5-12181-011-2 5-12121-010-0	
				2	2.000	x	3.500	Mt.555		
				3	2.000	x	3.500			
				O1	5.000	x	4.300			
3KA1 3KB1	3	877	70.000	1	2.000	x	2.900	SDI10105ZZ	8-94131-493-0	
For industrial machine.				2	1.500	x	3.100	555		
				O1	3.500	x	3.250			
3KC1	3		74.000	1	2.000	x	2.900	SDI10102ZZ	5-12121-031-0	
For industrial machine.				2	1.500	x	3.100	555		
				O1	3.500	x	3.250			
3KQI	3		78.000	1	2.000	x	3.200	SDI10144ZZ	8-94131-494-0	
For industrial machine.				2	1.750	x	3.200	DISCONTINUED		
				O1	4.000	x	3.900	555		
3KR1	3		81.000	1	2.000	x	3.400	SDI10113ZZ	5-12121-029-0	
For industrial machine.				2	1.750	x	3.400	555		
				O1	4.000	x	2.700			
4BA1	4	2775	98.000	1	3.000	x	3.900	SJI10071ZZ	5-12121-001 5-12121-019-0 5-12181-025-0 9-12181-601 9-12181-619	ELF
				2	2.500	x	3.900	Mt.555F		
				O1	5.000	x	4.700			
4BB1	4	3595	102.000	1	3.000	x	4.400	SDI10070AU	5-12121-005-0 5-12181-003 5-12181-015-0	SPECIAL #
				2	2.500	x	4.400	Mt.555F		
				O1	5.000	x	4.800			
4BC1	4	3268	102.000	1	3.000	x	4.400	SJI10090ZZ	5-12121-004-0	
				2	2.500	x	4.400	Mt.555F		
				O1	5.000	x	4.800			
4BD1L	4	3856	102.000	1	3.000	x	4.400	SJI10125ZZ	8-94326-650-0	
				2	2.500	x	4.400	555		
				O1	4.000	x	4.400			
4BD2	4	3856	102.000	1	3.000	x	4.400	SDI10147ZZ	9-97117-686-0	
				2	2.000	x	3.700	SJI10147ZZ		
				O1	4.000	x	4.450	555		
4BE1	4	3636	105.000	1	3.000	x	4.400	SJI10118ZZ	8-94418-918-0	ELF
				2	2.500	x	4.500	Mt.555F		
				O1	5.000	x	4.900			
4BG1	4	4329	105.000	1	3.000	x	4.400	SJI10168ZZ	8-97123-833-0	
				2	2.500	x	4.700	Mt.555		
				O1	4.000	x	4.400			
4BG1	4	4329	105.000	1	3.306	x	4.400	SJI10131ZZ	8-97032-075-0	
				2	2.500	x	4.400	Mt.555		
				O1	4.000	x	4.400			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
ISUZU DIESEL ENGINE										
4EC1	4	1487	76.000	1	2.000	x	3.100	SDI10143ZZ	8-94332-767-1 8-94144-187-0	GEMINI
				2	1.500	x	3.100	555		
				O1	3.000	x	3.350			
4EE2	4	1686	79.000	1	2.000	x	2.700	SDI10202ZX	8-94381-709-1	GEMINI
				2	1.500	x	3.200	555 SS999		
				O1	3.000	x	3.250			
4FB1	4	1817	84.000	1	2.500	x	3.250	SJI10086ZZ	8-94224-221-0	FARGO I-MARK
				2	2.000	x	3.500	SDI10086ZX Mt.555		
				O1	4.000	x	4.350			
4FB1	4	1817	84.000	1	2.500	x	3.500	SDI10086ZX	8-94224-221-0	FARGO I-MARK
				2	2.000	x	3.500	555 SS999		
				O1	4.000	x	4.200			
4FB1	4	1817	84.000	1	2.500	x	3.500	SJI10101ZZ	8-94224-221-0	
				2	2.000	x	3.550	SDI10101ZX Mt.555		
				O1	4.000	x	2.700			
4FC1 4FC1T	4	1995	84.000	1	2.500	x	3.500	SJI10109ZZ	8-94139-973-0	ASKA FARGO
				2	2.000	x	3.500	555 1st-KS All Plt		
				O1	4.000	x	4.200			
4FE1	4		76.300	1	2.000	x	3.500	SDI10212ZZ	8-94169-748-0	
				2	2.000	x	3.500	555		
				O1	4.000	x	3.700			
4FG1	4	2400	89.300	1	2.000	x	3.100	SDI10272ZZ	8-94469-634-0	
				2	2.000	x	3.700	555		
				O1	4.000	x	4.150			
4HE1	4	4751	110.040	1	3.000	x	4.150	SDI10140ZZ	8-97078-779-0	
				2	2.500	x	4.700	Mt.555		
				O1	4.000	x	4.350			
4HE1TC	4	4751	110.400	1	3.000	x	4.100	SDI10177ZZ	8-97166-992-0	
				2	2.000	x	4.100	555		
				3	1.200	x	3.900			
				O1	3.000	x	3.250			
4HF1	4	4334	112.000	1	3.000	x	4.500	SJI10127ZZ	8-97028-691-0	
				2	2.500	x	4.700	Mt.555		
				O1	4.000	x	4.350			
4HF1	4	4334	112.000	1	3.000	x	4.150	SDI10139ZZ	8-97109-462-0	
				2	2.500	x	4.700	555		
				O1	4.000	x	4.350			
4HF1LPG	4		115.000	1	3.000	x	4.500	SJI10190ZZ	8-97258-337-0	
				2	2.500	x	4.800	DISCONTINUED 555		
				O1	3.000	x	3.000			
4HG1	4		115.000	1	3.000	x	4.150	SDI10160ZZ	8-97105-867-0	
				2	2.500	x	4.800	555		
				O1	4.000	x	4.350			
4HL	4		115.000	1	3.000	x	4.300	SDI10192ZZ	8-97331-641-0	
				2	2.000	x	4.250	DISCONTINUED 555		
				O1	3.000	x	3.100			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
ISUZU DIESEL ENGINE										
4JB1	4	2771	93.000	1 2 O1	2.000 2.000 4.000	x x x	4.000 4.000 4.100	SDI10110ZZ 555F	8-94247-867-0	(Forklift)
4JB1	4	2771	93.000	1 2 O1	2.000 2.000 4.000	x x x	4.000 4.000 4.100	SDI10187ZZ CHROME 555	8-94247-867-0	(Forklift)
4JB1 4JC1	4	2771	93.000	1 2 O1	2.000 2.000 4.000	x x x	3.500 3.550 4.000	SJI101013ZZ DISCONTINUED Mt.555F	8-94408-207-0	
4JD1	4		84.000	1 2 O1	2.000 2.000 4.000	x x x	3.250 3.500 4.200	SJI10121ZZ Mt.555		
4JG1	4	3059	95.400	1 2 O1	2.000 2.000 4.000	x x x	4.000 4.000 4.100	SDI10129ZZ 555	8-94379-486-0	
4JG2	4	3059	95.400	1 2 O1	2.296 2.000 4.000	x x x	4.000 4.000 4.100	SDI10130ZZ 555	8-94370-449-0	
4JG2	4	3059	95.400	1 2 O1	2.500 2.000 4.000	x x x	4.000 4.000 4.450	SDI10141ZZ 555F	8-97080-215-0 8-97147-984-0	
4JG2	4	3059	95.400	1 2 O1	2.500 2.000 4.000	x x x	4.000 4.000 4.450	SDI10188ZZ CHROME 555	8-97080-215-0 8-97147-984-0	
4JH1	4		95.400	1 2 O1	2.500 2.000 3.000	x x x	4.000 3.800 3.250	SDI10193ZZ 555	8-97941-122-0	
4JJ1TC	4		95.400	1 2 O1	2.000 1.500 3.000	x x x	3.500 4.000 3.000	SDI10210ZZ 555	8-97388-734-0 8-98096-676-0	
4JJ1TC	4		95.400	1 2 O1	2.000 2.000 3.000	x x x	3.500 4.400 3.000	SDI10215ZZ 555	8-98053-579-0	
4JX1	4	2999	95.400	1 2 O1	2.448 2.000 4.000	x x x	4.000 4.000 4.350	SDI10171ZZ 555	8-97184-533-0	
4LC1	4	1730	77.400	1 2 O1	2.000 1.500 3.500	x x x	3.100 3.200 3.500	SJI10213ZZ 555	8-97034-609-0	
4LE1	4	2179	85.000	1 2 O1	2.000 1.750 4.000	x x x	3.350 3.700 4.100	SJI10216ZZ 555	8-97141-208-0	
6BB1	6	5393	102.000	1 2 O1	3.000 2.500 5.000	x x x	4.400 4.400 4.800	SJI10065ZZ Mt.555F	5-12121-005-0 5-12181-023-2	FORWARD
6BB1BU	6		101.500	1 2 O1	3.000 2.500 5.000	x x x	4.400 4.400 4.800	SJI10091ZZ 	1-12121-031-0	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
ISUZU DIESEL ENGINE											
6BD1	6	5393	102.000	1	3.000	x	4.400	SJI10065ZZ	5-12121-005-0 5-12181-023-2	FORWARD	
					2	2.500	x				4.400
					O1	5.000	x				4.800
6BD1MT For Marine Engine.	6	5393	102.000	1	3.500	x	4.400	SDI10085ZZ	5-12121-015-0		
					2	2.500	x				4.400
					O1	5.000	x				4.800
6BF1	6	6130	105.000	1	3.000	x	4.400	SJI10082ZZ	5-12121-006-0 5-12121-052-0	FORWARD	
					2	2.500	x				4.500
					O1	5.000	x				4.900
6BG1	6	6494	105.000	1	3.000	x	4.500	SJI10104ZZ	1-12121-065-0	FORWARD	
					2	2.500	x				4.700
					O1	4.000	x				4.400
6BG1MTC	6	6494	105.000	1	3.306	x	4.400	SJI10148ZZ	1-12121-121-0		
					2	2.500	x				4.700
					O1	4.000	x				4.400
6BG1TC	6	6494	105.000	1	3.500	x	4.400	SJI10128ZZ	1-12121-115-0	FORWARD	
					2	2.500	x				4.700
					O1	4.000	x				4.400
6HE1	6	7172	110.000	1	3.000	x	4.500	SJI10126ZZ	8-94396-840-0	FORWARD	
					2	2.500	x				4.700
					O1	4.000	x				4.350
6HE1TC	6	7172	110.000	1	3.836	x	4.500	SJI10138ZZ	8-94394-418-1		
					2	3.000	x				4.500
					3	2.500	x				4.700
					O1	4.000	x				4.350
6HE1TC	6	7172	110.000	1	3.836	x	4.500	SDI10146ZZ	8-94390-529-1		
					2	3.000	x				4.500
					3	2.500	x				4.700
					O1	3.000	x				3.250
6HE1TC	6	7172	110.000	1	3.836	x	4.500	SJI10146ZZ SDI10146ZY	8-94395-061-5		
					2	3.000	x				4.500
					3	2.500	x				4.700
					O1	3.000	x				3.250
6HH1	6	8226	115.000	1	3.500	x	4.600	SJI10163ZZ	8-94390-799-0		
					2	2.500	x				4.800
					O1	4.000	x				4.350
6HH1	6	8226	115.000	1	3.500	x	4.600	SJI10184ZZ DISCONTINUED	8-94392-128-1		
					2	2.500	x				4.800
					O1	3.000	x				3.000
6HK1TC	6		115.000	1	2.948	x	4.300	SDI10178ZZ	8-94391-502-3		
					2	2.000	x				4.300
					O1	2.500	x				4.800
					O2	3.000	x				3.000
6HL1TC	6		115.000	1	2.948	x	4.250	SDI10186ZZ	8-97601-318-1		
					2	2.500	x				4.800
					O1	3.000	x				3.000
6QA1	6	11044	125.000	1	3.000	x	5.100	SJI10088ZZ	1-12121-028-0 1-12121-046-0		
					2	2.500	x				5.100
					O1	6.000	x				5.500

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
ISUZU DIESEL ENGINE											
6QB2	6		125.000	1	4.000	x	4.800	SJI10208ZZ Mt.555	1-12121-096-0		
					2	2.500	x				5.000
					O1	6.000	x				5.100
6RA1	6	12023	135.000	1	4.000	x	5.500	SDI10100ZZ	1-12121-037-0		
6RA2				2	2.500	x	5.500		1-12121-040-0		
6RB1	6	13741		O1	5.000	x	6.200	555 All Plt			
6RB2											
6RB1MTC	6	13741	132.900	1	4.000	x	5.500	SDI10116ZZ 555 All Plt	1-12121-076-0		
					2	2.500	x				5.500
					O1	4.000	x				4.300
6RB1T	6	13741	135.000	1	4.000	x	5.500	SDI10117ZZ 555 All Plt	1-12121-073-0		
					2	2.500	x				5.500
					O1	4.000	x				4.300
6RB1TC	6	13741	135.000	1	4.500	x	5.500	SJI10142ZZ Mt.555			
					2	2.500	x				5.500
					O1	4.000	x				4.300
6SA1	6	8413	115.000	1	3.000	x	4.600	SJI10112ZZ Mt.555	1-12121-070-0		
6SAT				2	2.500	x	4.800		1-12121-113-0		
				O1	4.000	x	4.200		1-12121-750-0		
6SD1	6	9839	120.000	1	3.500	x	5.000	SJI10179ZZ Mt.555	1-12121-094-1		
					2	2.500	x				5.000
					O1	5.000	x				4.950
6SD1T	6	9839	120.000	1	4.000	x	4.900	SDI10194ZZ 555	1-12121-119-2		
					2	3.000	x				4.600
					3	3.000	x				4.900
					O1	4.000	x				4.400
6VE1	6	3494	93.400	1	1.200	x	3.500	SDI40247ZZ DISCONTINUED 555	8-97371-553-0		
					2	1.200	x				3.800
					3	2.000	x				2.750
6WA1TC	6	12068	132.900	1	4.306	x	5.200	SDI10132ZZ 555	1-12121-117-0		
					2	3.000	x				5.200
					3	3.000	x				5.500
					O1	5.000	x				5.700
6WA1TC	6	12068	132.900	1	4.306	x	5.200	SDI10158ZZ 555	1-12121-117-0		
					2	3.000	x		5.200	1-12121-127-0	
					3	3.000	x		5.500	1-12121-136-0	
					O1	4.000	x		4.400	1-12121-142-0	
6WA1TC	6	12068	132.900	1	3.806	x	5.150	SDI10173ZZ 555			
					2	3.000	x				5.200
					3	3.000	x				5.500
					O1	5.000	x				4.400
6WA1TC	6	12068	132.900	1	4.306	x	5.150	SDI10174ZZ 555	1-12121-139-0		
					2	3.000	x		5.200	1-12121-141-0	
					3	3.000	x		5.500		
					O1	4.000	x		4.400		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
6WF1FC 6WG1TC	6		147.000	1	3.806	x	5.550	SDI10167ZZ	1-12121-143-0	
				2	3.000	x	5.800	555		
				3	3.000	x	6.100			
				O1	4.000	x	4.400			
6WF1FC 6WG1TC	6		147.000	1	2.948	x	5.550	SDI10181ZZ	1-12121-144-0	
				2	2.500	x	5.500	555		
				3	3.000	x	6.100			
				O1	4.000	x	4.400			
6WG1UTHC	6		142.900	1	2.948	x	5.350	SDI10174ZZ	1-12121-139-0	
				2	2.500	x	5.300	555		
				3	3.000	x	5.900			
				O1	4.000	x	4.400		1-12121-141-0	
8GF1	8		103.000	1	2.948	x	3.900	SDI10183ZY	8-97250-331-2	
				2	2.000	x	4.400	555		
				O1	3.000	x	3.000			
8MA1	8	16513	145.000	1	4.000	x	5.900	SJI10073ZZ	1-12121-018-0	
				2	3.000	x	5.900	555	1-12181-011-0	
				O1	6.000	x	6.300		All Plt	
8MA1T	8	16513	145.000	1	4.000	x	5.900	SDI10077ZZ	1-12121-019-0	
				2	3.000	x	5.900	555	1-12181-032-0	
				O1	6.000	x	6.300		1st-KS All Plt	
8PA1	8	9971	115.000	1	3.000	x	4.600	YDI10080ZX	1-12121-042-0	
				2	2.500	x	4.800	555	1-12181-016-0	
				O1	6.000	x	5.700		SS999 1Cyl Pkg	
8PA1	8	9971	115.000	1	3.000	x	4.600	YDI10080ZZ	1-12121-042-0	
				2	2.500	x	4.800	DISCONTINUED	1-12181-016-0	
				O1	6.000	x	5.700	Mt.555 All Plt 1Cyl Pkg	1-12181-060-0	
8PB1	8	11217	115.000	1	3.000	x	4.600	YDI10081ZX	1-12121-043-0	
				2	2.500	x	4.800	555	1-12181-058-0	
				O1	4.000	x	5.000		SS999 1Cyl Pkg	
8PB1	8	11217	115.000	1	3.000	x	4.600	YDI10081ZZ	1-12121-043-0	
				2	2.500	x	4.800	DISCONTINUED	1-12181-058-0	
				O1	4.000	x	5.000	Mt.555 All Plt 1Cyl Pkg	1-12181-061-0	
8PCIT	8	12011	115.000	1	3.000	x	4.600	SJI10107ZZ	1-12121-049-0	
				2	2.500	x	4.800	Mt.555		
				O1	4.000	x	5.000			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
ISUZU DIESEL ENGINE										
8PE1	8		127.000	1	4.000	x	5.200	YJI10165ZZ	1-12121-129-1	
				2	3.000	x	5.000			
				3	3.000	x	5.200			
				O1	4.000	x	4.350			
								555 All Plt		
10PA1	8	9971	115.000	1	3.000	x	4.600	YDI10080ZX	1-12121-042-0 1-12181-016-0 1-12181-060-0	
				2	2.500	x	4.800			
				O1	6.000	x	5.700			
10PA1	10	12464	115.000	1	3.000	x	4.600	YJI10080ZZ DISCONTINUED	1-12121-042-0 1-12181-016-0 1-12181-060-0	
				2	2.500	x	4.800			
				O1	6.000	x	5.700			
10PB1	8	11217	115.000	1	3.000	x	4.600	YDI10081ZX	1-12121-043-0 1-12181-058-0 1-12181-061-0	
				2	2.500	x	4.800			
				O1	4.000	x	5.000			
10PB1	10	14022	115.000	1	3.000	x	4.600	YJI10081ZZ DISCONTINUED	1-12121-043-0 1-12181-058-0 1-12181-061-0	
				2	2.500	x	4.800			
				O1	4.000	x	5.000			
10PC1	10	15014	119.000	1	3.000	x	4.600	SJI10106ZZ	1-12121-047-0	
				2	2.500	x	4.800			
				O1	4.000	x	5.000			
10PCIT	10	15014	119.000	1	4.000	x	4.600	SJI10115ZZ	1-12121-062-0	
				2	2.500	x	4.800			
				O1	4.000	x	5.000			
12PA1	8	9971	115.000	1	3.000	x	4.600	YDI10080ZX	1-12121-042-0 1-12181-016-0 1-12181-060-0	
				2	2.500	x	4.800			
				O1	6.000	x	5.700			
12PA1	12	14957	115.000	1	3.000	x	4.600	YJI10080ZZ DISCONTINUED	1-12121-042-0 1-12181-016-0 1-12181-060-0	
				2	2.500	x	4.800			
				O1	6.000	x	5.700			
12PB1	8	11217	115.000	1	3.000	x	4.600	YDI10081ZX	1-12121-043-0 1-12181-058-0 1-12181-061-0	
				2	2.500	x	4.800			
				O1	4.000	x	5.000			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
ISUZU DIESEL ENGINE										
12PB1	12	16826	115.000	1	3.000	x	4.600	YJ110084ZZ	1-12121-043-0	
				2	2.500	x	4.800	DISCONTINUED	1-12181-058-0	
				O1	4.000	x	5.000	Mt.555 All Plt 1Cyl Pkg	1-12181-061-0	
C180	4	1764	79.000	1	2.000	x	3.100	SD110007ZZ	9-12181-096-0	
				2	2.000	x	3.100	DISCONTINUED		
				3	2.000	x	3.100	555F		
				O1	4.000	x	3.100			
				O2	4.000	x	3.100			
C190	4	2369	86.000	1	2.000	x	3.500	SJ110047ZZ	9-12181-138-0	
				2	2.000	x	3.500	DISCONTINUED		
				3	2.000	x	3.500	555F		
				O1	5.000	x	2.800			
				O2	5.000	x	3.500			
C190	4	2369	86.000	1	2.000	x	3.500	SD110051ZZ	5-12181-027-0	ELF
				2	2.000	x	3.500	555	5-12181-603-0	
				3	2.000	x	3.500	555	5-12181-605-0	
				O1	5.000	x	3.900			
C190	4	2369	86.000	1	2.000	x	3.500	SJ110051ZZ	5-12181-027-0	LUV
				2	2.000	x	3.500	SD110051ZZ	5-12181-603-0	
				3	2.000	x	3.500	Mt.555F	5-12181-605-0	
				O1	5.000	x	4.200			
C190	4	2369	86.000	1	2.500	x	4.000	SD110093ZZ	8-94104-954-0	
				2	2.000	x	3.500	555		
				O1	5.000	x	4.300			
C190	4	2369	86.000	1	2.500	x	4.000	SJ110093ZZ	5-12181-022-0	
				2	2.000	x	3.500	SD110093ZZ		
				O1	5.000	x	4.300	Mt.555		
C190 For Chromard Liner.	4	2369	86.000	1	2.500	x	3.800	SD110095ZZ	8-94104-949-0	LUV
				2	2.000	x	3.500	555F		
				O1	5.000	x	4.200			
C190 For Chromard Liner.	4	2369	86.000	1	2.500	x	4.000	SJ110095ZZ	5-12181-021-0	
				2	2.000	x	3.500	SD110095ZZ		
				O1	5.000	x	4.200	Mt.555F		
C190G	4	1951	86.000	1	2.000	x	3.500	SD110083ZX	5-12121-008-0	
				2	2.000	x	3.500	555		
				3	2.000	x	3.500	SS999		
				O1	5.000	x	4.300			
C190G	4	1951	86.000	1	2.000	x	3.250	SJ110083ZZ	5-12121-008-0	
				2	2.000	x	3.500	SD110083ZX		
				3	2.000	x	3.500	Mt.555 All Plt		
				O1	5.000	x	4.300			
C201 For industrial machine.	4	2207	83.000	1	2.000	x	3.400	SJ110047ZZ	5-12181-015-0	
				2	2.000	x	3.400	SD110017ZZ	5-12181-122-0	
				3	2.000	x	3.400	Mt.555F		
				O1	5.000	x	3.800			
				O2	5.000	x	3.400			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
ISUZU DIESEL ENGINE										
C201PT	4	2207	83.000	1	2.000	x	3.400	SJI10018ZZ	5-12181-005-0	
				2	2.000	x	3.400			
				3	2.000	x	3.400			
				O1	5.000	x	3.800			
				O2	5.000	x	3.400			
Mt.555										
C220	4	2207	83.000	1	2.000	x	3.400	SJI10013ZZ	9-12181-057-0	
				2	2.000	x	3.400			
				3	2.000	x	3.400			
				O1	4.000	x	3.400			
				O2	4.000	x	3.400			
DISCONTINUED 500								9-12181-062-0		
C220	4	2207	83.000	1	2.000	x	3.400	SDI10013ZZ	9-12181-100-0	
				2	2.000	x	3.400			
				3	2.000	x	3.400			
				O1	4.000	x	3.400			
				O2	4.000	x	3.400			
555F										
C220	2	1184	86.000	1	2.000	x	3.500	SJI10059ZZ	5-12181-028-0	
				2	2.000	x	3.500			
				3	2.000	x	3.500			
				O1	5.000	x	4.200			
DISCONTINUED Mt.555F										
C221	4	2207	83.000	1	2.000	x	3.400	SDI10017ZZ	5-12181-015-0	
				2	2.000	x	3.400			
				3	2.000	x	3.400			
				O1	5.000	x	3.800			
				O2	5.000	x	3.400			
555F								5-12181-122-0		
C221	4	2207	83.000	1	2.000	x	3.400	SJI10017ZZ	5-12181-015-0	
				2	2.000	x	3.400			
				3	2.000	x	3.400			
				O1	5.000	x	3.800			
				O2	5.000	x	3.400			
SDI10017ZZ Mt.555F								5-12181-122-0		
C223	4	2238	88.000	1	2.500	x	4.000	SJI10089ZZ	5-12121-017-0	PICKUP
				2	2.000	x	4.000			
				O1	4.500	x	4.700			
Mt.555 All Plt								8-94100-355-0		
C223 For Chromard Liner.	4	2238	88.000	1	2.500	x	4.000	SJI10099ZZ	5-12121-024-0	
				2	2.000	x	4.000			
				O1	4.500	x	4.700			
Mt.555F										
C223	4	2238	88.000	1	2.000	x	3.500	SDI10101ZZ	8-94250-730-0	PICKUP
				2	2.000	x	3.550			
				O1	4.000	x	4.000			
SDI10101ZX 555 All Plt								TROOPER II		
C223	4	2238	88.000	1	2.000	x	3.250	SDI10101ZX	8-94250-730-0	PICKUP
				2	2.000	x	3.550			
				O1	4.000	x	4.350			
555 SS999								TROOPER II		
C223 For Chromard Liner.	4	2238	88.000	1	2.000	x	3.500	SDI10103ZZ	8-94253-736-0	
				2	2.000	x	3.550			
				O1	4.000	x	4.000			
555F										
C223	4	2238	93.000	1	2.000	x	3.500	SJI101013ZZ	8-94408-207-0	
				2	2.000	x	3.550			
				O1	4.000	x	4.000			
DISCONTINUED Mt.555F										

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
ISUZU DIESEL ENGINE										
C223T	4	2238	88.000	1 2 O1	2.500 2.000 4.000	x x x	4.000 3.550 4.000	SJ110111ZZ Mt.555 All Plt	8-94158-084-0	PICKUP TROOPER II
C223T	4	2238	88.000	1 2 O1	2.500 2.000 4.000	x x x	3.500 3.400 4.000	SD110119ZZ 555F	8-94468-521-0	
C240	4	2369	86.000	1 2 3 O1 O2	2.000 2.000 2.000 5.000 5.000	x x x x x	3.500 3.500 3.500 2.800 3.500	SD110047ZZ 555F	9-12181-138-0	
C240	4	2369	86.000	1 2 3 O1 O2	2.000 2.000 2.000 5.000 5.000	x x x x x	3.500 3.500 3.500 2.800 3.500	SJ110047ZZ DISCONTINUED 555F	9-12181-138-0	
C240 For Chromard Liner.	4	2369	86.000	1 2 O1	2.500 2.000 5.000	x x x	3.800 3.500 4.200	SD110095ZZ 555F	8-94104-949-0	ELF
C240 For Chromard Liner.	4	2369	86.000	1 2 O1	2.500 2.000 5.000	x x x	4.000 3.500 4.200	SJ110095ZZ SD110095ZZ Mt.555F	5-12181-021-0	ELF
C240	4	2369	86.000	1 2 O1	2.500 2.000 5.000	x x x	4.000 3.500 4.300	SD110093ZZ 555	8-94104-954-0	ELF
C240	4	2369	86.000	1 2 O1	2.500 2.000 5.000	x x x	4.000 3.500 4.300	SJ110093ZZ SD110093ZZ Mt.555	5-12181-022-0	ELF
C240	4	2369	86.000	1 2 3 O1	2.000 2.000 2.000 5.000	x x x x	3.500 3.500 3.500 3.900	SD110051ZZ 555	5-12181-027-0 5-12181-603-0 5-12181-605-0	ELF
C240	4	2369	86.000	1 2 3 O1	2.000 2.000 2.000 5.000	x x x x	3.500 3.500 3.500 4.200	SJ110051ZZ SD110051ZZ Mt.555F	5-12181-027-0 5-12181-603-0 5-12181-605-0	ELF
C240PKG	4	2369	86.000	1 2 O1	2.500 2.000 5.000	x x x	3.800 3.500 4.200	SD110122ZZ 555	8-94471-442-0	
C330	4	3318	98.000	1 2 O1	3.000 2.500 5.000	x x x	3.900 3.900 4.300	SJ110049ZZ SJ110071ZZ Mt.555F	9-12181-801-0	
CP221P	4	2207	83.000	1 2 3 O1 O2	2.000 2.000 2.000 5.000 5.000	x x x x x	3.400 3.400 3.400 3.800 3.400	SJ110047ZZ SD110017ZZ Mt.555F	5-12181-015-0 5-12181-122-0	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
ISUZU DIESEL ENGINE										
D201	4		88.000	1	2.000	x	3.700	SJI10124ZZ Mt.555	8-94417-175-0	
				2	2.000	x	3.700			
				3	2.000	x	3.700			
				O1	4.000	x	4.150			
D201	4		88.000	1	2.000	x	3.250	SDI10124XC DISCONTINUED 555 SS999	8-94417-175-0	
				2	2.000	x	3.700			
				3	2.000	x	3.550			
				O1	4.000	x	4.350			
D400	6	3988	92.000	1	2.500	x	3.900	SDI10025ZZ DISCONTINUED 555F	8-12181-097-0	
				2	2.500	x	3.900			
				3	2.500	x	3.900			
				O1	5.000	x	4.700			
D500	6	4978	98.000	1	3.000	x	3.900	SJI10055ZZ DISCONTINUED 555F	5-12181-020-0	(Forklift)
				2	2.500	x	3.900		5-12181-608-0	
				O1	5.000	x	4.700			
D920	6	9203	125.000	1	3.000	x	5.100	SJI10060ZZ Mt.555	9-12181-115-0	
				2	3.000	x	5.200		1-12121-021-0	
				3	3.000	x	5.200			
				O1	6.000	x	5.100			
D920-1	6	9203	125.000	1	3.000	x	5.100	SJI10054ZZ SJI10088ZZ Mt.555	9-12181-137-0	
				2	2.500	x	5.100		1-12121-013-0	
				O1	6.000	x	5.100			
DA120 For industrial machine.	6	6126	100.000	1	2.500	x	4.000	SJI10028ZZ Mt.555	1-12181-063-0	
				2	2.500	x	4.000		1-12181-091-0	
				3	2.500	x	4.000			
				O1	4.000	x	4.000			
DA120	6	6126	100.000	1	2.500	x	3.850	SDI10061ZZ SDI10061ZX 555	1-12121-001-0	
				2	2.500	x	4.400		1-12181-005-0	
				3	2.500	x	4.400		1-12181-036-0	
				O1	5.000	x	4.800		1-12181-087 1-12181-109 1-12181-128	
DA120	6	6126	100.000	1	2.500	x	3.850	SDI10061ZX 555 SS999	1-12121-001-0	
				2	2.500	x	4.400		1-12181-005-0	
				3	2.500	x	4.400		1-12181-036-0	
				O1	5.000	x	4.950		1-12181-087 1-12181-109 1-12181-128	
DA120 For industrial machine.	6	6126	100.000	1	2.500	x	4.200	SJI10061ZZ DISCONTINUED Mt.555	1-12121-001-0	
				2	2.500	x	4.400		1-12181-005-0	
				3	2.500	x	4.400		1-12181-036-0	
				O1	5.000	x	4.800		1-12181-087 1-12181-109 1-12181-128	
DA120 For industrial machine.	6	6126	100.000	1	3.000	x	4.400	SDI10076ZZ 555	1-12121-007-0	
				2	2.500	x	4.400		1-12181-040-0	
				3	2.500	x	4.400			
				O1	5.000	x	4.800			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
ISUZU DIESEL ENGINE										
DA220	4			1	2.500	x	4.200	SJI10029ZZ	9-12181-093-0	
				2	2.500	x	4.400	Mt.555		
				3	2.500	x	4.400			
				O1	4.000	x	3.100			
				O2	4.000	x	4.000			
DA220	4	4048	100.000	1	2.500	x	3.850	SDI10062ZZ	1-12121-001-0	
				2	2.500	x	4.400	DISCONTINUED	1-12181-006	
				3	2.500	x	4.400	555	1-12181-038-0	
				O1	5.000	x	4.800		1-12181-111	
DA220	4	4048	100.000	1	2.500	x	4.200	SJI10062ZZ	1-12121-001-0	
For industrial machine.				2	2.500	x	4.400	Mt.555	1-12181-006	
				3	2.500	x	4.400		1-12181-038-0	
				O1	5.000	x	4.800		1-12181-111	
DA220	4	4048	100.000	1	3.000	x	4.400	SDI10067ZZ	1-12121-007-0	
For industrial machine.				2	2.500	x	4.400	DISCONTINUED	1-12181-042-0	
				3	2.500	x	4.400	555		
				O1	5.000	x	4.800			
DA640	6	6373	102.000	1	2.500	x	4.200	SJI10036ZZ	1-12161-064-0	
				2	2.500	x	4.400	Mt.555	1-12181-092-0	
				3	2.500	x	4.400			
				O1	4.000	x	4.800			
				O2	4.000	x	4.000			
DA640	6	6373	102.000	1	2.500	x	4.100	SDI10063ZX	1-12121-009-0	
				2	2.500	x	4.400		1-12181-033-0	
				3	2.500	x	4.400	555	1-12181-074	
				O1	5.000	x	4.800	SS999	1-12181-088	
									1-12181-110	
DA640	6	6373	102.000	1	2.500	x	4.200	SJI10063ZZ	1-12121-009-0	
				2	2.500	x	4.400	SDI10063ZX	1-12181-033-0	
				3	2.500	x	4.400	Mt.555	1-12181-074	
				O1	5.000	x	4.800		1-12181-088	
									1-12181-110	
DA640PP	6	6373	102.000	1	3.000	x	4.400	SDI10066ZZ	1-12121-010-0	
For industrial machine.				2	2.500	x	4.400		1-12181-034-0	
				3	2.500	x	4.400	555		
				O1	5.000	x	4.800			
DA640S	6	6373	102.000	1	3.500	x	4.200	SDI10057ZZ	1-12121-011-0	(Forklift)
DA640T				2	2.500	x	4.400		1-12181-014-0	
				3	2.500	x	4.400	555	1-12181-035-0	
				O1	5.000	x	4.800	1st-KS		
DH100	6	10179	120.000	1	3.000	x	5.000	SJI10039ZZ	1-12181-050-0	
				2	3.000	x	5.000	DISCONTINUED	1-12181-068-0	
				3	3.000	x	5.000	500		
				O1	6.000	x	3.700			
				O2	6.000	x	4.800			
DH100	6	10179	120.000	1	3.000	x	4.900	SJI10040ZZ	1-12121-016-0	
				2	3.000	x	5.000	Mt.555	1-12181-001-0	
				3	3.000	x	5.000		1-12181-083-0	
				O1	6.000	x	5.600		1-12181-086-0	
									1-12181-114-0	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
ISUZU DIESEL ENGINE										
DH100	6	10179	120.000	1	3.000	x	4.450	SDI10040ZZ	1-12121-016-0	
				2	3.000	x	5.000		1-12181-001-0	
				3	3.000	x	5.000	555	1-12181-083-0	
				O1	6.000	x	3.700	SS999	1-12181-086-0	
DH100	6	10179	120.000	1	3.000	x	4.900	SJH10079ZZ	1-12121-017-0	
				2	3.000	x	5.000	DISCONTINUED	1-12181-049-0	
				O1	6.000	x	5.600	Mt.555		
DH100BU	6		119.500	1	3.000	x	4.900	SJH10092ZZ	1-12121-030-0	
				2	3.000	x	5.000	DISCONTINUED		
				O1	6.000	x	5.600	Mt.555		
DL201	4	1991	83.000	1	2.000	x	3.400	SCI10043ZZ	9-12181-057-0	
				2	2.000	x	3.400	DISCONTINUED	9-12181-062-0	
				3	2.000	x	3.400	500		
				O1	4.000	x	3.400			
				O2	4.000	x	3.400			
DL201	4	1991	83.000	1	2.000	x	3.400	SDI10013ZZ	9-12181-100-0	
				2	2.000	x	3.400			
				3	2.000	x	3.400	555F		
				O1	4.000	x	3.400			
				O2	4.000	x	3.400			
E110	6	11044	125.000	1	3.000	x	5.100	SJI10060ZZ	9-12181-143-0	
				2	3.000	x	5.200		9-12181-153-0	
				3	3.000	x	5.200	Mt.555	1-12121-022-0	
				O1	6.000	x	5.100			
E120	6	12023	135.000	1	4.000	x	5.500	SDI10050ZZ	1-12121-023-0	
				2	2.500	x	5.500		9-12181-149-0	
				3	2.500	x	5.500	555		
				O1	7.000	x	6.200			
E120	6	12023	135.000	1	4.000	x	5.500	SDI10075ZZ	1-12121-034-0	
				2	2.500	x	5.500		1-12181-022-0	
				O1	7.000	x	6.200	555 All Plt		
E120T For industrial machine.	6	12023	135.000	1	3.750	x	5.500	SDI10074ZZ	1-12121-014-0	
				2	2.500	x	5.500		1-12181-023-0	
				3	2.500	x	5.500	555 1st-KS		
				O1	7.000	x	6.200			
GD150	6	5654	100.000	1	2.500	x	4.200	SJH10034ZZ	9-12181-112-0	
				2	2.500	x	4.400	DISCONTINUED		
				O1	5.000	x	4.800	Mt.555		
PE	1		127.000	1	2.917	x	4.750	YDI10180ZY	1-12121-145-0	
				2	2.000	x	4.700			
				3	3.000	x	5.200	1Cyl Pkg 555		
				O1	4.000	x	4.350			
PE1	8 10 12	19001 23751 28502	127.000	1	3.806	x	4.950	YDI10164ZZ	1-12121-123-2	
				2	3.000	x	5.000			
				3	3.000	x	5.200	1Cyl Pkg 555		
				O1	4.000	x	4.450			
V170	8	16513	145.000	1	4.000	x	5.900	SJH10043ZZ	1-12121-025-0	
				2	3.000	x	5.900	SJ110073ZZ	1-12181-008-0	
				O1	6.000	x	6.300	Mt.555		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
2.5 EGI	4		80.000	1	1.200	x	2.900	SWK30025ZZ	K9YV-11-SCO	CARNIVAL
				2	1.500	x	3.400	777		
				O1	2.500	x	2.850			
B1	4	1100	68.000	1	1.200	x	2.500	SWK30018ZZ	KK1Y8-11-SCO KKY1-11-SCO	PRIDE
				2	1.500	x	3.100	777		
				O1	3.000	x	2.950			
B2	4	1300	71.000	1	1.200	x	2.470	SWK30017ZZ	K1Y0-11-SCO K1Y1-11-SCO	PRIDE
				2	1.500	x	3.100	777		
				O1	3.000	x	2.920			
B3	4	1300 1324	71.000	1	1.200	x	2.500	SWT20052ZZ	K1YH-11-SCO	PRIDE FESTIVA
				2	1.500	x	3.100	777		
				O1	3.000	x	2.950			
B3	4	1300	75.500	1	1.200	x	2.850	SWK30019ZZ	0K3Y0-11-SCO	RIO
				2	1.200	x	3.300	777		
				O1	2.500	x	2.800			
B3	4	1300	78.000	1	1.500	x	3.050	SWK30020ZZ	K9Y1-11-SCO	SEPHIA
				2	1.500	x	3.400	777		
				O1	4.000	x	3.050			
B6D	4		78.000	1	1.500	x	3.050	SWK30026ZZ	OK2Y2-11-SCO OK2Y0-11-SCO	SEPHIA
				2	1.500	x	3.400	777		
				O1	3.000	x	3.000			
BM	3	800	70.000	1	1.200	x	2.500	SWK30021ZZ	K0MBI-11-SCO	TOWNER
				2	1.500	x	3.000	777		
				O1	2.800	x	2.850			
BP	4	1839	83.000	1	1.500	x	3.300	SWT20066ZZ	BPY0-11-SCO	SEPHIA
				2	1.500	x	3.600	777		
				O1	3.000	x	2.800			
BT57	4	1300	71.000	1	1.200	x	2.500	SWT20052ZZ	B3Y0-11-SC0A	AVELLA ASPIRE
				2	1.500	x	3.100	777		
				O1	3.000	x	2.950			
FB	4	1793	81.000	1	1.200	x	3.300	SWG30040ZZ	23040-2Y000	SPECTRA SPECTRA 5
				2	1.200	x	3.400	777		
				O1	2.500	x	2.850			
FED	4	1998	86.000	1	1.500	x	3.300	SWK30022ZZ	KFY3-11-SCO	SPORTAGE
				2	1.500	x	3.800	777		
				O1	4.000	x	3.250			
G4JS Sirius II 2.4D	4	2350	86.500	1	1.200	x		TBA	23040-38200	OPTIMA
				2	1.500	x		777		
				O1	2.800	x				
G6BA	6	2656	86.500	1	1.200	x	3.050	SWG30037ZZ	23040-37300	OPTIMA
				2	1.200	x	3.600	777		
				O1	2.500	x	2.900			
G6BV	6	2493	84.000	1		x		NA	23040-37200	OPTIMA
				2		x		777		
				O1		x				
G6CU	6	3497	93.000	1	1.500	x	3.500	SWM31121ZZ	23040-39800	AMANTI SEDONA SORENTO
				2	1.500	x	3.900	777		
				O1	3.000	x	2.850			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
KIA DIESEL ENGINE										
6D22 NEW	6	11149	130.000	1	3.306	x	4.550	SDG30014ZX	23040-83030	
				2	3.000	x	5.300	DISCONTINUED		
				O1	4.000	x	4.350	555 SS999		
EF750	8	16745	137.000	1	3.306	x	5.400	SDK30023ZZ	AA92A-11-120	
				2	3.500	x	5.400	555		
				3	3.500	x	5.400			
				O1	6.000	x	5.500			
HA1	4	2957 3000	95.000	1	2.380	x	3.450	SDK30010ZZ	K0Y0-11-SCO	K3000 SUPER TITAN
				2	2.380	x	3.800	555		
				O1	4.000	x	4.150			
H07C	6	6728	110.000	1	3.000	x	4.500	SDK30015ZZ	OK8Y0-11-SCO	
				2	2.500	x	4.500	SDK30015ZX		
				3	2.500	x	4.500	555		
				O1	5.000	x	4.700			
H07C	6	6728	110.000	1	3.000	x	4.050	SDK30015ZX	OK8Y0-11-SCO	
				2	2.500	x	4.500	555 SS999		
				3	2.500	x	4.500			
				O1	5.000	x	4.950			
J2	4	2665 2700	94.500	1	2.000	x	3.250	SDK30001ZZ	K6Z1-11-SCO	K2700 PREGIO
				2	2.000	x	4.000	555		
				O1	3.000	x	3.250			
J3	4		97.100	1	2.000	x	3.500	SDK30016ZZ	K5Z1-11-SCO	CARNIVAL
				2	2.000	x	3.900	555		
				O1	3.000	x	3.250			
J5	4	2665 2700	94.500	1	2.000	x	3.250	SDK30001ZZ	K6Z1-11-SCO	K2700 PREGIO
				2	2.000	x	4.000	555		
				O1	3.000	x	3.250			
K2700	4	2665 2700	94.500	1	2.000	x	3.250	SDK30001ZZ	K6Z1-11-SCO	K2700 PREGIO
				2	2.000	x	4.000	555		
				O1	3.000	x	3.250			
K2700	4	2400	92.000	1	2.850	x	3.800	SDK30004ZZ	K4ZO-11-SCO K480-23-206	K2700
				2	2.400	x	3.800	SDK30004ZX		
				O1	4.000	x	4.100	555		
K2700	4	2400	92.000	1	2.850	x	3.800	SDK30004ZX	K4ZO-11-SCO K480-23-206	K2700
				2	2.400	x	3.800	555 SS999		
				O1	4.000	x	4.350			
K3000	4	3581 3600	98.000	1	2.000	x	3.650	SDK30008ZZ	K7Z1-11-SCO	K3600
				2	2.000	x	3.900	555		
				O1	3.000	x	3.250			
K4100	6		92.025	1	2.383	x	3.600	SDK30012ZZ	OK8Y1-11-SCO	K4100
				2	2.383	x	3.600	SDK30012ZX		
				O1	4.763	x	4.300	555		
K4100	6		92.025	1	2.383	x	3.450	SDK30012ZX	OK8Y1-11-SCO	K4100
				2	2.383	x	3.600	555 SS999		
				O1	4.763	x	4.600			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
NB1 (R2)	4	2184	86.000	1	2.000	x	3.500	SDK30006ZZ	R201-23-130	BESTA
					2.000	x	3.600	555		
					O1	3.000	x	2.250		
NB1 (R2)	4	2184	86.000	1	2.000	x	3.050	SDK30013ZX	K7Y0-11-SCO	NEW BESTA
					2.000	x	3.600	555		
					O1	3.000	x	4.150		
NB7 R2	4	2184	86.000	1	2.000	x	3.050	SDK30011ZX	K7Y1-11-SCO	NEW BESTA
					2.000	x	3.600	555		
					O1	3.000	x	3.250		
RFA	4	2400	93.000	1	2.000	x	3.250	SDK30009ZZ	VNY1-11-SCO	HI BESTA
					2.000	x	3.700	555		
					O1	3.000	x	3.250		
S2	4	2209	88.900	1	2.383	x	3.500	SDK30007ZX	K6Z0-11-SCO	BONGO CERES
					2.383	x	3.500	555		
					O1	4.763	x	2.900		
SF	4	2400	92.000	1	2.383	x	3.800	SDK30005ZZ	K7Z0-11-SCO	K2400 POWER BONGO WIDE BONGO
					2.383	x	3.800	SDK30005ZX		
					O1	4.000	x	4.100		
SF	4	2400	92.000	1	2.383	x	3.600	SDK30005ZX	K7Z0-11-SCO	K2400 POWER BONGO WIDE BONGO
					2.383	x	3.800	555		
					O1	4.000	x	3.500		
SH	4	3581 3600	100.000	1	2.000	x	3.650	SDK30003ZZ	K4Y1-11-SCO	K3600 TRADE
					2.000	x	4.200	555		
					O1	3.000	x	3.250		
SH3	4	3500	100.000	1	2.500	x	4.200	SDK30014ZZ	K4Y0-11-SCO	K3500
					2.000	x	4.300	SDK30014ZX		
					O1	4.500	x	4.200		
SH3	4	3500	100.000	1	2.500	x	3.650	SDK30014ZX	0K4Y-11-SCO	K3500
					2.000	x	4.200	555		
					O1	4.500	x	4.600		
SL	4	3500	100.000	1	2.500	x	4.200	SDK30014ZZ	K4Y0-11-SCO	K3500 TRADE TITAN
					2.000	x	4.200	SDK30014ZX		
					O1	4.000	x	4.200		
XA	4	2209	88.900	1	2.383	x	3.500	SDK30007ZX	K6Z0-11-SCO	BONGO CERES
					2.383	x	3.500	555		
					O1	4.763	x	4.300		
ZB	6	4052 4100	92.025	1	2.383	x	3.600	SDT20034ZZ	0527-23-206 V101-23-206	AM815 BOXER COMBI K4100
					2.383	x	3.600	SDT20034ZX		
					O1	4.763	x	4.300		
ZB	6		92.025	1	2.383	x	3.450	SDK30012ZX	OK8Y1-11-SCO	K4100
					2.383	x	3.600	555		
					O1	4.763	x	4.600		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
KOMATSU DIESEL ENGINE										
1D125			125.000	1	2.400	x	5.000	SDK04034ZZ	6150-31-2030	
				2	2.000	x	5.000	DISCONTINUED		
				O1	3.000	x	3.300	555		
2D92	2	1300	92.000	1	3.000	x	4.000	SDK04012ZZ	6140-31-2040	BULLDOZER
4D92	4	2610		2	3.000	x	4.000		6141-31-2030	
				O1	6.000	x	4.500	555		
4D94	4	2940	94.000	1	2.900	x	3.800	SDK04015ZZ	6142-32-2020	BULLDOZER
				2	2.500	x	4.100		6142-32-2030	
				O1	5.000	x	4.400	555		
4D95	4	3260	95.000	1	2.200	x	4.000	SDK04014ZZ	6202-32-2300	BULLDOZER
				2	2.200	x	4.000			
				O1	4.000	x	4.150	555		
4D95	4	3260	95.000	1	2.200	x	4.000	SDK04025ZZ	6202-32-2200	BULLDOZER
				2	2.000	x	4.000			
				O1	4.000	x	4.150	555		
4D95	4	3260	95.000	1	2.200	x	4.000	SDK04031ZZ	6204-31-2200	BULLDOZER
				2	2.000	x	4.000		6204-31-2203	
				O1	4.000	x	4.150	555		
4D105	4	3980	105.000	1	3.000	x	4.200	SDK04009ZZ	6130-31-2202	BULLDOZER
				2	2.500	x	4.500		6130-32-2202	
				O1	5.000	x	4.700	555	6130-32-2301	
									6130-32-2302	
									6136-31-2030	
4D105	4	4330	105.000	1	3.000	x	4.200	SDK04010ZZ	6136-31-2201	BULLDOZER
				2	2.500	x	4.500			
				O1	5.000	x	4.700	555		
								All Plt		
4D105	4	4330	105.000	1	3.000	x	4.200	SDK04033ZZ	6130-31-2202	
				2	3.000	x	4.500		6130-32-2202	
				O1	5.000	x	4.700	555	6130-32-2302	
									6130-32-2301	
4D105-2	1		105.000	1	2.984	x	4.375	SDK04026ZZ		
				2	2.955	x	4.375			
				O1	4.000	x	4.450	555		
4D106	4		106.000	1	2.500	x	3.700	SDK04029ZZ	YM123900-22050	
				2	2.000	x	4.400			
				O1	3.000	x	3.250	555		
4D120	4	7240	120.000	1	3.500	x	4.800	SDK04007ZZ	6110-30-2301	BULLDOZER
				2	3.500	x	5.000		6110-30-2302	
				O1	5.500	x	5.700	555	6110-30-2303	
									6110-30-2401	
									6110-30-2402	
									6110-30-2403	
4D120A	4	7240	120.000	1	4.000	x	4.200	SKK04002ZZ	6110-30-2040	BULLDOZER
				2	4.000	x	4.200	DISCONTINUED	3110-30-2200	
				3	4.000	x	4.200	555		
				O1	5.500	x	4.200			
				O2	5.500	x	4.200			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
KOMATSU DIESEL ENGINE										
4D120A	4	7240	120.000	1	4.000	x	4.200	SDK04002ZZ DISCONTINUED 500	6110-30-2040 3110-30-2200	BULLDOZER
				2	4.000	x	4.200			
				3	4.000	x	4.200			
				O1	5.500	x	4.200			
				O2	5.500	x	4.200			
4D130	4	8490	130.000	1	3.500	x	5.100	SDK04011ZZ 555 All Plt	6114-30-2303 6114-30-2403	BULLDOZER
				2	2.500	x	5.400			
				O1	5.500	x	5.800			
4D150	4	14130	150.000	1	4.500	x	5.800	YCK04004ZZ DISCONTINUED 500 1Cyl Pkg	6198-31-2200 6199-31-2200	BULLDOZER
				2	4.500	x	5.800			
				3	4.500	x	5.800			
				4	4.500	x	5.800			
				O1	6.000	x	5.800			
				O2	6.000	x	5.800			
4D155	4	12840	155.000	1	3.500	x	6.200	YBK04005ZZ DISCONTINUED 300 1Cyl Pkg	6125-31-2021 9128-31-2021	BULLDOZER
				2	3.500	x	6.200			
				3	3.500	x	6.200			
				O1	6.000	x	6.200			
6D95	6	4890	95.000	1	2.000	x	4.000	SDK04019ZZ 555	6204-31-2202	BULLDOZER
				2	2.000	x	4.000			
				O1	4.000	x	4.150			
6D95	6	4890	95.000	1	2.200	x	4.000	SDK04024ZZ 555	6202-32-2200	BULLDOZER
				2	2.000	x	4.000			
				O1	4.000	x	4.150			
6D108	6	108.000	95.000	1	2.500	x	4.350	SDK04020ZZ 555	6204-31-2200	BULLDOZER
				2	2.530	x	4.350			
				O1	4.000	x	4.150			
6D125	6	11040	125.000	1	2.500	x	5.000	SDK04022ZZ 555	6150-31-2030	BULLDOZER
				2	2.500	x	5.000			
				O1	4.000	x	4.400			
6D125	6	11040	125.000	1	2.400	x	5.000	SDK04035ZZ DISCONTINUED 555	6151-31-2031	BULLDOZER
				2	2.000	x	5.100			
				O1	3.000	x	3.300			
6D140	6	15200	140.000	1	3.000	x	5.400	SDK04003ZZ DISCONTINUED 300	-	BULLDOZER
				2	3.000	x	5.400			
				3	3.000	x	5.400			
				4	3.000	x	5.400			
				O1	6.000	x	5.400			
				O2	6.000	x	5.400			
6D140	6	15200	140.000	1	2.400	x	5.400	SDK04028ZZ 555	6211-31-2031	
				2	2.400	x	5.400			
				O1	4.000	x	4.150			
6D150	6	21200	150.000	1	4.500	x	5.800	YCK04004ZZ DISCONTINUED 500 1Cyl Pkg	6198-31-2200 6199-31-2200	BULLDOZER
				2	4.500	x	5.800			
				3	4.500	x	5.800			
				4	4.500	x	5.800			
				O1	6.000	x	5.800			
				O2	6.000	x	5.800			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
6D155	4	19260	155.000	1	3.500	x	6.200	YBK04005ZZ	6125-31-2021	BULLDOZER
				2	3.500	x	6.200	DISCONTINUED	9128-31-2021	
				3	3.500	x	6.200	300		
				O1	6.000	x	6.200	1Cyl Pkg		
12N	6	19260	155.000	1	3.680	x	6.060	SDK04013ZZ	6128-31-2060	BULLDOZER
				2	3.550	x	6.060		6128-31-2070	
				O1	4.750	x	5.000	555		
								1st-KS		
								2nd-KS		
								All Plt		
DE DF	6	21200	150.000	1	4.500	x	5.800	YCK04004ZZ	6198-31-2200	BULLDOZER
				2	4.500	x	5.800	DISCONTINUED	6199-31-2200	
				3	4.500	x	5.800	500		
				4	4.500	x	5.800	1Cyl Pkg		
				O1	6.000	x	5.800			
				O2	6.000	x	5.800			
S4D95	4	3260	95.000	1	2.200	x	4.000	SDK04014ZZ	6202-32-2300	BULLDOZER
				2	2.200	x	4.000			
				O1	4.000	x	4.150	555		
S4D95	4	3260	95.000	1	2.200	x	4.000	SDK04025ZZ	6202-32-2200	BULLDOZER
				2	2.000	x	4.000			
				O1	4.000	x	4.150	555		
S4D120	4	7240	120.000	1	3.500	x	4.800	SDK04007ZZ	6110-30-2403	BULLDOZER
				2	2.500	x	5.000		6110-30-2402	
				O1	5.500	x	5.700	555	3110-30-2401	
								6110-30-2301		
								6110-30-2302		
						6110-30-2303				
						6113-30-2401				
S6D95	6	4890	95.000	1	2.500	x	3.700	SDK04018ZZ	6207-31-2500	BULLDOZER
				2	2.200	x	4.000	SDK04018ZX		
				O1	4.000	x	4.150	1st-KS		
								2nd-KS		
								All Plt		
S6D95	6	4890	95.000	1	2.500	x	3.450	SDK04018ZX	6207-31-2500	BULLDOZER
				2	2.200	x	4.000	555		
				O1	4.000	x	4.150	1st-KS		
								2nd-KS		
								SS999		
S6D95	6	4890	95.000	1	2.500	x	3.700	SDK04023ZZ	6202-31-2400	BULLDOZER
				2	2.200	x	4.000			
				O1	4.000	x	4.150	555		
S6D95	6	4890	95.000	1	2.500	x	3.700	SDK04032ZZ	6207-31-2200	BULLDOZER
				2	2.000	x	4.000			
				O1	4.000	x	4.350	555		
S6D102	6		102.000	1	2.875	x	4.050	SDK04027ZX		
				2	2.370	x	4.200			
				O1	4.000	x	4.350	555		
								SS999		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
KOMATSU DIESEL ENGINE										
S6D105	6	6490	105.000	1 2 O1	3.000 2.500 5.000	x x x	4.200 4.500 4.700	SDK04016ZZ SDK04016ZX 1st-KS 2nd-KS All Plt	6137-31-2040	BULLDOZER
S6D105	6	6490	105.000	1 2 O1	3.000 2.500 5.000	x x x	3.850 4.500 4.700	SDK04016ZX 555 1st-KS 2nd-KS SS999	6137-31-2040	BULLDOZER
S6D105	6	3260	95.000	1 2 O1	3.000 2.500 5.000	x x x	4.200 4.500 4.700	SDK04017ZZ 555	6316-31-2010 6316-31-2030	BULLDOZER
S6D110	6	7130	110.000	1 2 O1	3.000 2.500 5.000	x x x	4.400 4.600 4.050	SDK04021ZZ 555	6138-31-2200	BULLDOZER
S6D155	6	19260	155.000	1 2 O1 O2	4.000 3.500 6.000 5.000	x x x x	6.400 6.200 5.700 6.200	SDK04008ZZ 555 All Plt	6128-31-2022 6128-31-2023 6128-31-2033	BULLDOZER
SA1D95	6	4890	95.000	1 2 O1	2.000 2.000 4.000	x x x	4.000 4.000 4.150	SDK04019ZZ 555	6204-31-2202	BULLDOZER

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
MAZDA GASOLINE ENGINE										
0552	4	1985	82.000	1	2.000	x	3.600	SWT20021ZZ	0552-23-180	
					2.000	x	3.600	777	0552-23-190	
					O1 4.500	x	3.600	777	1352-23-130	
323 6CV	4	1100	70.000	1	1.500	x	3.100	SWT20040ZZ	8698-23-130	
					2.150	x	3.100	777		
					O1 4.000	x	2.050	777		
A	4	2300	96.000	1	1.500	x	4.000	SWT20071ZZ	ZZM0-23-130	B2600
					2.150	x	4.000	777	ZZM9-23-120	
					O1 4.000	x	3.250	777		
AJ	4	2967	89.000	1	1.500	x	3.700	SW10155ZZ	ZZP1-23-130	B3000 MPV TRIBUTE
					2.150	x	3.600	777		
					O1 4.000	x	3.650	777		
AJ-DE	4	2967	89.000	1	1.500	x	3.500	NA	1F61-23-130	B3000
					2.150	x	4.000	777		
					O1 3.000	x	3.450	777		
AM1	4	2555	91.100	1	1.500	x	3.500	SWM31039ZZ	AM15-11-SC0	B2600
					2.150	x	3.800	777		
					O1 4.000	x	3.250	777		
B1	4	987	68.000	1	1.200	x	2.500	SWT20051ZZ	B1Y0-11-SC0	
					2.150	x	3.100	777		
					O1 3.000	x	2.950	777		
B3	4	1300	71.000	1	1.200	x	2.500	SWT20052ZZ	B3Y0-11-SC0A	
					2.150	x	3.100	777		
					O1 3.000	x	2.950	777		
B6	4	1597	78.000	1	1.500	x	3.100	SWT20063ZZ	B6Y3-11-SC0A	MIATA MX5
					2.150	x	3.400	777		
					O1 3.000	x	3.050	777		
B6 B6E	4	1597	78.000	1	1.500	x	3.100	SWT20060ZZ	B6Y0-11-SC0A	CAPELLA 323 MIATA MX5 MX3
					2.150	x	3.400	777	B6Y4-11-SC0B	
					O1 4.000	x	3.050	777	B6Y6-11-SC0A	
BP BP01 BP05	4	1839	83.000	1	1.500	x	3.300	SWT20066ZZ	BPY1-11-SC0	MIATA MX5 PROTÉGÉ
					2.150	x	3.600	777	BPY3-11-SC0	
					O1 3.000	x	2.800	777		
C	4	2500	96.000	1	1.500	x	4.000	SWT20076ZZ	ZZP0-23-130	B2500
					2.150	x	4.000	777		
					O1 3.000	x	3.450	777		
E1	4	1100	70.000	1	1.500	x	3.100	SWT20040ZZ	8698-23-130	
					2.150	x	3.100	777		
					O1 4.000	x	2.050	777		
E1-A	4	1100	70.000	1	1.200	x	3.100	SWT20088ZZ	E103-23E130A	
					2.150	x	3.100	DISCONTINUED		
					O1 4.000	x	3.100	777		
E3 E5	4	1296	77.000	1	1.200	x	3.200	SWT20037ZZ	E301-23-130	FAMILIA GLC
					2.150	x	3.200	777	E301-23-130A	
					O1 4.000	x	3.200	777	E512-23-130	
E3 E5	4	1296	77.000	1	1.500	x	3.100	SWT20045ZZ	E302-23-130A	FAMILIA GLC
					2.200	x	3.300	777		
					O1 4.000	x	3.200	777	1st-SPRYD	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
MAZDA GASOLINE ENGINE											
EVB	4	1985	82.000	1	2.000	x	3.600	SWT20021ZZ	0552-23-180		
					2.000	x	3.600		0552-23-190		
					O1	4.500	x	3.600	777		1352-23-130
F2	4	2184	86.000	1	1.500	x	3.300	SWT20048ZZ	F2Y1-11-SC0	626 B2200 MX6	
					2	1.500	x	3.800			
					O1	4.000	x	2.680	777		
F6G	4	1587	81.000	1	1.500	x	3.300	SWT20054ZZ	F601-23-130		
					2	1.500	x	3.600			F601-23-130A
					O1	4.000	x	2.450	777		
F8	4	1789	86.000	1	1.500	x	3.300	SWT20048ZZ	F801-23-130	B2000 B2200	
					2	1.500	x	3.800			
					O1	4.000	x	3.250	777		
FE	4	1998 2184	86.000	1	1.500	x	3.300	SWT20065ZZ	F2Y1-11-SC0	626 B2000 B2200	
					2	1.500	x	3.800			
					O1	4.000	x	3.250	Mt.777		
FP FS	4	1991	83.000	1	1.200	x	3.100	SWL02311ZZ	FSY2-11-SC0A	626 MX6 PROTÉGÉ	
					2	1.500	x	3.600	DISCONTINUED		
					O1	3.000	x	3.200	777		
G6	4	2606	92.000	1	1.500	x	3.300	SWT20064ZZ	G601-11-SC0A	B2600 MPV	
					2	1.500	x	4.100			
					O1	4.000	x	2.540	777		
GY	6	2494	81.600	1		x		NA	GYTT-11-SC0	MPV	
					2		x				
					O1		x		777		
JE JE27 JE48	6	3000	90.000	1	1.500	x	3.300	SWT20062ZZ	JEY1-11-SC0	929 MPV	
					2	1.500	x	3.800			
					O1	4.000	x	3.250	777		
JF	6	1997	74.000	1	1.500	x	2.850	SWT20079ZZ	JFY1-11-SC0		
					2	1.500	x	3.400			
					O1	4.000	x	3.050	777		
K8	6	1844	75.000	1	1.500	x	2.700	SWT20067ZZ	K8Y0-11-SC0	MX3	
					2	1.500	x	3.200			K8Y2-11-SC0A
					O1	3.000	x	2.000	777		
KJ	6	2255	80.300	1		x		NA	KJY1-11-SC0A	MILLENIA	
					2		x				
					O1		x				
KL	6	2507	84.500	1	1.500	x	3.050	SWT20073ZZ	KLY1-11-SC0A	626 MILLENIA MX6	
					2	1.500	x	3.600			KLY2-11-SC0A
					O1	3.000	x	2.850	777		
L3 L3-VE	4	2260	87.500	1	1.200	x	2.700	SWT20090ZZ	L3Y1-11-SC0	MAZDA 3 MAZDA 6 TRIBUTE	
					2	1.200	x	3.400			L3Y4-16-SC4
					O1	2.500	x	2.600	777		
LF-DE	4	1998	87.500	1	1.200	x	2.850	SWT20089ZZ	LFY1-11-SC0	MAZDA 3 MIATA MX5	
					2	1.200	x	3.400			LFY1-82-SC2B
					O1	2.500	x	2.800	777		
MA	4	1769	80.000	1	2.000	x	3.600	SWT20030ZZ	0453-23-130		
					2	2.000	x	3.600			0453-23-130B
					O1	4.000	x	3.250	777		3975-23-130

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
MAZDA GASOLINE ENGINE										
MA	4	1970	80.000	1 2 O1	1.200 1.500 4.000	x x x	3.600 3.600 3.250	SWT20031ZZ 777	8682-23-130 8682-23-130A D97Z-6149 HE18-23-130	626 B2000
MA	4	2000	80.000	1 2 O1	1.500 2.000 4.000	x x x	3.500 3.600 3.250	SWT20042ZZ 777	HE05-23-130	626 B2000
NA	4	1586	78.000	1 2 O1	1.500 1.500 4.000	x x x	3.600 3.600 3.000	SWT20025ZZ 777	0290-23-130 0290-23-131 0305-23-130 0484-23-130 0494-23-130 3763-23-130	626 808 B1600
NA	4	1586	78.000	1 2 O1	1.500 2.000 4.000	x x x	3.100 3.600 3.050	SWT20049ZZ 777	0494-23-130 H617-23-130	626
NA	4	1586	78.000	1 2 O1	1.500 2.000 4.000	x x x	3.400 3.600 3.150	SXT20049ZZ SWT20049ZZ Mt.777	0494-23-130 H617-23-130	626
NA	4	1796	78.000	1 2 O1	1.200 1.500 4.000	x x x	3.600 3.600 3.050	SWT20035ZZ 777	8170-23-130 8170-23-130A 8658-23-130 H604-23-130	
PB	4	987	68.000	1 2 O1	2.000 2.000 4.000	x x x	3.000 3.000 2.420	SXT20006ZZ Mt.777	0249-23-170A 0249-23-206	FAMILIA
PC	4	985	70.000	1 2 O1	2.000 2.000 4.000	x x x	3.100 3.100 2.500	SNT20019ZZ 500X	0268-23-206	
TA	4	1200	70.000	1 2 O1	2.500 2.500 4.000	x x x	3.100 3.100 3.100	SCT20007ZZ 500	0106-11-999	
TB	4	1139	70.000	1 2 O1	2.000 2.000 4.000	x x x	3.100 3.100 2.500	SWT20009ZZ SXT20009ZZ 777	0221-23-999 0268-23-170A 0271-23-170 0271-23-206 0317-23-130 0317-23-175	1200
TB	4	1139	70.000	1 2 O1	2.000 2.000 4.000	x x x	3.100 3.100 3.100	SXT20009ZZ Mt.777	0221-23-999 0268-23-170A 0271-23-170 0271-23-206 0317-23-130 0317-23-175	1200
TC	4	1272	73.000	1 2 O1	2.000 2.000 4.000	x x x	3.100 3.100 2.900	SWT20026ZZ 777	0324-23-175 0324-23-130	808 FAMILIA GLC

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
TC	4	1272	73.000	1	1.500	x	3.100	SWT2003ZZ	8034-23-130	FAMILIA	
					2	1.500	x	3.100			8034-23-130A
					O1	4.000	x	3.200	777		
U	6	2954	89.000	1	1.500	x	3.450	SWT20075ZZ	ZZMD-23-130	B3000	
					2	1.500	x	3.700			
					O1	4.000	x	3.250	777		
UA	4	1500	75.000	1	2.000	x	3.300	SNT20050ZZ	0571-23-180		
					2	2.000	x	3.300	DISCONTINUED		
					O1	4.000	x	2.800	500X		
UA UB	4	1484	75.000	1	2.500	x	3.300	SCT20010ZZ	0603-11-170	(Forklift)	
					2	2.500	x	3.300			0603-11-999
					O1	4.000	x	3.300	500		
UB	4	1490	78.000	1	2.000	x	3.600	SWT20041ZZ	0222-23-130		
					2	2.000	x	3.600	DISCONTINUED		0222-23-206
					O1	4.000	x	3.000	777		
UC	4	1415	77.000	1	1.500	x	3.200	SWT20036ZZ	8569-23-130	GLC	
					2	1.500	x	3.200			8569-23-130A
					O1	4.000	x	3.200	777		
VA	4	1985	82.000	1	2.500	x	3.600	SCT20012ZZ	0164-11-999		
					2	2.500	x	3.600			
					O1	4.500	x	3.600	500		
VA	4	1985	82.000	1	2.000	x	3.600	SWT20021ZZ	0552-23-180		
					2	2.000	x	3.600			0552-23-190
					O1	4.500	x	3.600	777		1352-23-130
VB	4	1796	78.000	1	1.500	x	3.600	SWT20025ZZ	0290-23-130	618 B1800	
					2	1.500	x	3.600			0290-23-131
					O1	4.000	x	3.000	777		0305-23-130
											0484-23-130
											0494-23-130
											3763-23-130
VB	4	2000	80.000	1	1.500	x	3.500	SWT20042ZZ	HE05-23-130		
					2	2.000	x	3.600			
					O1	4.000	x	3.250	777		
VC	4	1769	80.000	1	2.000	x	3.600	SWT20030ZZ	0453-23-130		
					2	2.000	x	3.600			0453-23-130B
					O1	4.000	x	3.250	777		3975-23-130
VC	4	1769	80.000	1	1.200	x	3.600	SWT20031ZZ	8682-23-130		
					2	1.500	x	3.600			8682-23-130A
					O1	4.000	x	3.250	777		D97Z-6149 HE18-23-130
XS	6	4016	100.400	1	1.600	x	4.050	SWT20072ZZ	ZZM2-23-130	B4000 NAVAJO	
					2	1.750	x	4.000			
					O1	3.500	x	3.100	777		
YF	4	1988	84.500	1	1.500	x	3.050	SWL03061ZZ	-	TRUBUTE	
					2	1.750	x	3.900	DISCONTINUED		
					O1	3.000	x	3.200	777		
Z5	4	1459	75.300	1	1.000	x	2.700	SWT20074ZZ	Z5Y0-11-SC0	PROTÉGÉ	
					2	1.200	x	3.200			
					O1	2.500	x	2.550	777		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESSION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
MAZDA GASOLINE ENGINE										
ZL	4	1597	80.000	1	1.200	x	2.650	SWT20080ZZ	ZLY0-11-SC0	PROTÉGÉ
				2	1.500	x	3.200			
				O1	3.000	x	3.000	777		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
MAZDA DIESEL ENGINE										
EZA	6	4052	92.000	1	2.383	x	3.600	SCT20024ZZ	0784-23-206	
				2	2.383	x	3.600	500		
				3	2.383	x	3.600			
				O1	4.763	x	3.600			
				O2	4.763	x	3.600			
HA	4	2977	95.025	1	2.383	x	3.800	SDT20028ZZ	1363-23-206	TITAN
				2	2.383	x	3.800	SDT20028ZX	SE01-23-206	
				O1	4.763	x	4.300	555		
HA	4	2977	95.025	1	2.383	x	3.450	SDT20028ZX	1363-23-206	TITAN
				2	2.383	x	3.800	555	SE01-23-206	
				O1	4.763	x	4.650	SS999		
J15A	4	-	93.000	1	2.500	x	3.550	SDT20061ZY	WLY1-11-SC0	
				2	2.000	x	3.900	555		
				O1	3.000	x	3.250			
J35L	4	4000	105.505	1	2.500	x	3.900	SDT20069ZZ	TF70-11-SCO	
				2	2.000	x	4.600	555		
				O1	3.000	x	3.250			
PN	4	1720	78.000	1	2.000	x	2.900	SDT20070ZZ	PNY2-11-SC0	
				2	1.500	x	3.200	555		
				O1	3.000	x	3.250			
R2	4	2184	86.000	1	2.000	x	3.500	SDT20041ZZ	F201-23-130B	
				2	2.000	x	3.600	SDT20041ZX		
				O1	4.000	x	3.900	555		
R2	4	2184	86.000	1	2.000	x	3.500	SDT20041ZX	F201-23-130B	
				2	2.000	x	3.600	555		
				O1	4.000	x	3.900	SS999		
R2	4	2184	86.000	1	2.000	x	3.100	SDT20058ZZ		
				2	2.000	x	3.600	SDT20041ZX		
				O1	4.000	x	4.420	555		
R2	4	2184	86.000	1	2.000	x	3.150	SDT20059ZZ	R2B6-11-SC0	
				2	2.000	x	3.600	555		
				O1	3.000	x	3.250			
RFX	4	2000	86.000	1	2.000	x	3.100	SDT20055ZZ	RF01-23-130	626
				2	2.000	x	3.600	555 1st-KS	RF01-23-130A	
				O1	4.000	x	4.350		RFY0-11-SC0D	
RFX	4	2000	86.000	1	2.000	x	3.100	SDT20068ZZ	RFY0-11-SC0	
				2	2.000	x	3.600	555 1st-KS		
				O1	4.000	x	4.350			
S2	4	2209	88.925	1	2.383	x	3.500	SDT20032ZZ	1456-23-206	B2200
				2	2.383	x	3.500	SDT20032ZX		
				O1	4.763	x	4.300	555		
S2	4	2209	88.925	1	2.383	x	3.450	SDT20032ZX	1456-23-206	B2200
				2	2.383	x	3.500	555		
				O1	4.763	x	4.600	SS999		
SL	4	3500	100.000	1	2.500	x	4.200	SDT20044ZZ	SL01-23-206	
				2	2.000	x	4.200	SDT20044ZX		
				O1	4.500	x	4.300	555		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
MAZDA DIESEL ENGINE										
SL	4	3500	100.000	1	2.500	x	3.650	SDT20044ZX	SL01-23-206	
				2	2.000	x	4.200	555		
				O1	4.500	x	4.600	SS999		
SL	4	3500	100.000	1	2.500	x	3.650	SDT20046ZX	SL07-23-206	
				2	2.000	x	4.200	555		
				O1	4.500	x	4.600	SS999		
SL	4	3500	100.000	1	2.500	x	4.200	SJT20046ZZ	SL07-23-206	
				2	2.000	x	4.200	SDT20046ZX		
				O1	4.500	x	4.200	Mt.555		
SL	4	3455	100.000	1	2.500	x	4.200	SJT20053ZX	SL50-11-SCO	
				2	2.000	x	4.200	SDT20046ZX		
				O1	4.500	x	4.200	Mt.555 All Plt		
TF	4	4000	105.505	1	2.500	x	4.500	SDT20057ZZ	TF01-11-SCO	
				2	2.000	x	4.600			
				O1	4.500	x	4.600	555		
TF70	4	4000	105.505	1	2.500	x	3.900	SDT20069ZZ	TF70-11-SCO	
				2	2.000	x	4.600			
				O1	3.000	x	3.250	555		
TM	4	4553	109.000	1	3.000	x	3.700	SDT20081ZZ	TMY0-11-SCO	
				2	2.000	x	4.600			
				O1	3.000	x	3.250	555		
W9	4		95.000	1	2.500	x	3.750	SDT20085ZZ	W9Y1-11-SCO	
				2	2.000	x	3.900			
				O1	3.000	x	3.850	555		
XA	4	2522	88.900	1	2.383	x	3.500	SCT20016ZZ	0559-23-206	
				2	2.383	x	3.500		0559-23-207	
				3	2.383	x	3.500	500	0636-23-206	
				O1	4.763	x	3.500		0636-23-207	
				O2	4.763	x	3.500		0636-23-210	
XA	4	2522	88.900	1	2.383	x	3.500	SDT20032ZZ	1456-23-206	
				2	2.383	x	3.500	SDT20032ZX		
				O1	4.763	x	4.300	555		
XA	4	2209	88.925	1	2.383	x	3.450	SDT20032ZX	1456-23-206	B2200
				2	2.383	x	3.500	555		
				O1	4.763	x	4.600	SS999		
XB	4	2701	92.000	1	2.383	x	3.600	SCT20022ZZ	0527-23-206	
				2	2.383	x	3.600		0528-23-206	
				3	2.383	x	3.600	500		
				O1	4.763	x	3.600			
				O2	4.763	x	3.600			
XB	6	4052	92.000	1	2.383	x	3.600	SCT20024ZZ	0784-23-206	
				2	2.383	x	3.600			
				3	2.383	x	3.600	500		
				O1	4.763	x	3.600			
				O2	4.763	x	3.600			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
MAZDA DIESEL ENGINE										
XB	6	4052	92.025	1	2.383	x	3.600	SDT20034ZZ	V101-23-206	
				2	2.383	x	3.600	SDT20034ZX		
				O1	4.763	x	4.300	555 All Plt		
XB	6	4052	92.025	1	2.383	x	3.450	SDT20034ZX	V101-23-206	
				2	2.383	x	3.600	555 SS999		
				O1	4.763	x	4.600			
XC	4		101.055	1	2.383	x	4.000	SDT20029ZZ	1304-23-210X	
				2	2.383	x	4.000	555		
				O1	4.763	x	4.300			
YA	6	3800	88.900	1	2.383	x	3.500	SCT20017ZZ	0727-23-206	
				2	2.383	x	3.500	DISCONTINUED		
				3	2.383	x	3.500	500		
				O1	4.763	x	3.500	0727-23-207		
				O2	4.763	x	3.500	0727-23-210		
ZB	6	4052	92.000	1	2.383	x	3.600	SCT20024ZZ	0784-23-206	
				2	2.383	x	3.600	500		
				3	2.383	x	3.600			
				O1	4.763	x	3.600			
				O2	4.763	x	3.600			
ZB	6	4052	92.025	1	2.383	x	3.600	SDT20034ZZ	V101-23-206	
				2	2.383	x	3.600	SDT20034ZX		
				O1	4.763	x	4.300	555 All Plt		
ZB	6	4052	92.025	1	2.383	x	3.450	SDT20034ZX	V101-23-206	
				2	2.383	x	3.600	555 SS999		
				O1	4.763	x	4.600			
ZC	6	-	101.055	1	2.383	x	4.000	SDT20029ZZ	1304-23-210X	
				2	2.383	x	4.000	555		
				O1	4.763	x	4.300			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
2G10-2	2	359	62.000	1	2.500	x	2.600	SBM30052ZZ	MD205535	
					2.500	x	2.800		MT205535	
					O1 2.500	x	2.800	300		
2G21	2	359	62.000	1	1.500	x	2.800	SWM30073ZZ	MD016760	
					2 1.500	x	2.800		MD016765	
					O1 2.500	x	3.200	777		
2G22	2	471	65.000	1	1.500	x	2.900	SWM31431ZZ	MD019470	MINICA
					2 1.500	x	2.750	DISCONTINUED		
					O1 2.500	x	2.700	777		
2G23	2	550	70.000	1	1.500	x	3.100	SWM31009ZZ	MD019610	
					2 1.500	x	3.100			
					O1 2.500	x	2.750	777		
2G24	2	548	76.000	1	1.500	x	3.050	SWM31064ZZ	MD018280	
					2 1.500	x	3.300			
					O1 2.500	x	3.100	777		
2G25	2	660	78.000	1	1.500	x	3.050	SWM31066ZZ	MD011810	
					2 1.500	x	3.300		MD083152	
					O1 2.500	x	2.470	777		
3G82	3		65.000	1	1.500	x	2.500	SWM31067ZZ		
					2 1.500	x	2.900			
					O1 2.800	x	2.700	777		
3G83	3		65.000	1	1.200	x	2.250	SWM31144ZZ	MD160199	
					2 1.200	x	2.750			
					O1 2.800	x	2.500	777		
420A	4	1997	87.500	1	1.200	x	3.450	SWM31120ZZ	M04741401	ECLIPSE
					2 1.200	x	4.000			
					O1 3.000	x	2.900	777		
4A31	4	1997	66.000	1	1.000	x	2.250	SWM31136ZZ		PAJERO TOPPO
					2 1.200	x	2.900			
					O1 2.500	x	2.750	777		
4G11	4	1244	69.500	1	1.500	x	3.100	SWM31026ZZ	MD030350	
					2 1.500	x	3.100		MD031670	
					O1 4.000	x	3.200	777		
4G11EC	4		68.200	1	1.500	x	2.700	SWM31061ZZ	MD030360	
					2 1.500	x	3.100			
					O1 4.000	x	3.150	777		
4G12	4	1410	74.000	1	1.500	x	3.300	SWM31027ZZ	MD012025	
					2 1.500	x	3.300		MD012035	
					O1 4.000	x	3.250	777	MD030355 MD031700	
4G13	4	1298	71.000	1	1.500	x	3.100	SWM31062ZZ	MD074687	
					2 1.500	x	3.100		MD078543	
					O1 4.000	x	2.650	777	MD115490	
4G13	4	1298	71.000	1	1.200	x	2.500	SWM31082ZZ	MD158908	
					2 1.500	x	3.100	SWM31082ZX		
					O1 3.000	x	2.800	777		
4G13	4	1298	71.000	1	1.200	x	2.470	SWM31082ZX	MD158908	
					2 1.500	x	3.100			
					O1 3.000	x	2.850	777 SS999		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
4G13	4	1298	71.000	1	1.200	x	2.500	SWM31141ZZ	MD335422	
					1.500	x	3.100	777		
					2.800	x	2.550			
4G15	4	1468	75.500	1	1.500	x	2.850	SWM31063ZY	MD074725 MD078548 MD104656 MD156169	MIRAGE
					1.500	x	3.300	777		
					4.000	x	3.250			
4G15	4	1468	75.500	1	1.200	x	2.700	SWM31076ZZ	MD158549	
					1.500	x	3.300	777		
					3.000	x	2.800			
4G15	4	1468	75.500	1	1.200	x	2.900	SWM31077ZZ	MD180804	MIRAGE
					1.500	x	3.300	SWM31076ZZ		
					3.000	x	2.800	777		
4G15	4	1468	75.500	1	1.200	x	2.700	SWM31126ZZ		MIRAGE
					1.200	x	3.300	DISCONTINUED		
					2.800	x	2.500	777		
4G15	4	1468	75.500	1	1.200	x	2.700	SWM31145ZZ	MD332715	MIRAGE
					1.500	x	3.300	777		
					2.800	x	2.500			
4G17	4		72.200	1	1.200	x	2.500	SWM31099ZZ	MD165325	
					1.500	x	3.100	777		
					3.000	x	2.850			
4G18	4		76.000	1	1.200	x	2.700	SWM31117ZZ	MD349422	
					1.500	x	3.100	777		
					2.800	x	2.550			
4G18P	4		76.000	1	1.200	x	2.700	SWM31127ZZ	MD361893	
					1.200	x	3.200	777		
					2.500	x	2.550			
4G30	4	1289	73.000	1	2.000	x	3.300	SWM30057ZZ	MD000770	
					2.000	x	3.500	777		
					4.000	x	3.300			
4G31	4	1499	74.500	1	2.000	x	3.300	SWM30058ZZ	MD000771 MD002770	
					2.000	x	3.300	DISCONTINUED		
					4.000	x	3.300	777		
4G31B	4	1499	74.500	1	1.500	x	2.850	SWM30058ZZ	MD107368	
					1.500	x	3.200	DISCONTINUED		
					4.000	x	3.200	777		
4G32	4	1597	76.900	1	2.000	x	3.500	SWM31005ZZ	MD000725 MD004709 MD004739 MD004770 MD005885 MD007251 MD008105 MD106741	LANCER
					2.000	x	3.500	777		
					4.000	x	3.800			
4G32B	4	1597	76.900	1	1.500	x	3.100	SWM31043ZZ	MD012765 MD062387 MD093337 MD099430	LANCER
					1.500	x	3.500	777		
					4.000	x	3.900			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
4G33	4	1238	73.000	1	1.500	x	3.300	SWM31016ZZ	MD009625	(Forklift)
					1.500	x	3.300		MD115500	
					O1	4.000	x	3.000	777	
4G33	4	1439	73.000	1	1.500	x	2.700	SWM31024ZZ	MD034010	MIRAGE
					1.500	x	3.300		MD115500	
					O1	4.000	x	3.200	777	
4G33	4	1439	73.000	1	1.500	x	3.300	SXM31024ZZ	MD034010	MIRAGE
					1.500	x	3.300	SWM31024ZZ	MD115500	
					O1	4.000	x	3.200	Mt.777	
4G33	4	1289	73.000	1	2.000	x	3.300	SWM30057ZZ	MD000770	MIRAGE
					2.000	x	3.500			
					O1	4.000	x	3.300	777	
4G36	4	1238	73.000	1	1.500	x	3.300	SWM31016ZZ	MD009625	GALANT
					1.500	x	3.300		MD115500	
					O1	4.000	x	3.000	777	
4G36EC	4		71.800	1	1.500	x	3.200	SWM31060ZZ	MD009539	
					1.500	x	3.200	DISCONTINUED		
					O1	4.000	x	3.150	777	
4G37	4	1800	80.600	1	1.500	x		SWM31453ZZ	MD154012	E-E12A
					1.500	x		DISCONTINUED		
					O1	4.000	x		777	
4G41	4	1378	76.500	1	2.000	x	3.500	SWM30078ZZ	MD010710	
					2.000	x	3.500		MD010715	
					O1	4.000	x	3.650	777	
4G42	4	1187	71.000	1	2.000	x	3.300	SWM31012ZZ	MD010850	
					2.000	x	3.300			
					O1	4.000	x	4.000	777	
4G51	4	1850	81.000	1	2.000	x	3.500	SWM31025ZZ	MD023060	
					2.000	x	3.700			
					O1	4.000	x	3.250	777	
4G52	4	1995	84.000	1	2.000	x	3.600	SWM30074ZZ	MD021010	(Forklift)
					2.000	x	3.600		MD021035	
					O1	4.000	x	3.750	777 All Plt	
4G53	4	2384	88.000	1	2.000	x	3.800	SWM31021ZZ	MD025000	
					2.000	x	4.100		MD026985	
					O1	4.000	x	3.300	777 All Plt	
4G54B	4	2555	91.100	1	2.000	x	1.500	SWM31047ZZ	MD025089	
					2.000	x	1.500		MD026835	
					O1	4.000	x	3.250	777 All Plt	
4G54T	4	2555	91.100	1	1.500	x	3.500	SWM31039ZZ	MD061258	GALANT
					1.500	x	3.800		MD076170	
					O1	4.000	x	3.250	777	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
4G61	4	1595	82.300	1	1.200	x	3.100	SWM31049ZZ	MD133495	MIRAGE
				2	1.500	x	3.800			
				O1	3.000	x	2.850	777		
4G62	4	1795	80.600	1	2.000	x	3.500	SWM31040ZZ	MD040610 MD106736	
				2	2.000	x	3.700			
				O1	4.000	x	3.300	777		
4G62	4	1800	80.600	1	1.500	x		SWM31153ZZ	MD154012	E-E12A
				2	1.500	x		DISCONTINUED		
				O1	4.000	x		777		
4G62T	4	1795	80.600	1	1.500	x	3.500	SWM31041ZZ	MD040465 MD077113	
				2	1.500	x	3.700			
				O1	4.000	x	3.250	777		
4G63	4	1997	85.000	1	2.000	x	3.300	SWM31013ZZ	MD040640 MD040840 MD041580	
				2	2.000	x	3.700	SWM31013ZY		
				O1	4.000	x	3.250	777		
4G63	4	1997	85.000	1	2.000	x	3.100	SWM31013ZY	MD108068	
				2	2.000	x	3.700			
				O1	4.000	x	3.250	777		
4G63	4	1997	85.000	1	1.500	x	3.100	SWM31046ZZ	MD105516	
				2	1.500	x	3.800	SWM31034ZZ		
				O1	4.000	x	3.250	777 1st-GN		
4G63	4	1997	85.000	1	1.200	x	3.100	SWM31048ZZ	MD133185 MD140923 MD144245	ECLIPSE GALANT
				2	1.500	x	3.800			
				O1	3.000	x	2.850	777		
4G63 4G63K	4	1997	85.000	1	1.200	x	3.100	SWM31071ZZ	MD176437 MD195860 MD195867	ECLIPSE
				2	1.500	x	3.800			
				O1	3.000	x	2.550	777		
4G63	4	1997	85.000	1	1.200	x	3.100	SWM31103ZZ	MD313405 MD108068	ECLIPSE
				2	1.500	x	3.800			
				O1	2.800	x	2.550	777		
4G63	4	1997	85.000	1	1.200	x		NA	MD195805	GALANT
				2	1.500	x				
				O1	2.800	x		777		
4G63	4	1997	85.000	1		x		NA	-	LANCER EVO.
				2		x				
				O1		x		777		
4G64	4	2350	86.500	1	1.500	x	3.300	SWM31045ZZ	MD103580	
				2	1.500	x	3.800	SWM31037ZZ		
				O1	4.000	x	3.050	777 1st-GN 2nd-ESTUC		
4G64 4G64K	4	2350	86.500	1	1.200	x	3.100	SWM31072ZZ	MD195872	MIGHTY MAX PICKUP
				2	1.500	x	3.800			
				O1	3.000	x	2.550	777		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
4G64	4	2350	86.500	1 2 O1	1.200 1.500 2.700	x x x	3.100 3.800 2.550	SWM31116ZZ 777	MD195828	ECLIPSE ECLIPSE SPYDER EXPO EXPO LRV GALANT MONTERO SPORT
4G64 4G64B	4	2350	86.500	1 2 O1	1.500 1.500 4.000	x x x	3.300 3.800 3.050	SWM31037ZZ 777	MD085346	EXPO EXPO LRV PICKUP
4G67	4	1836	81.500	1 2 O1	1.200 1.500 3.000	x x x	3.100 3.600 2.900	SWM31058ZZ 777	MD153602	
4G69	4	2378	87.000	1 2 O1	1.200 1.200 2.000	x x x		NA 777	-	GALANT LANCER OUTLANDER
4G72	6	2972	91.100	1 2 O1	1.200 1.200 3.000	x x x	3.300 3.800 2.900	SWM31078ZZ 777	MD301798 MD329755	MONTERO MONTERO SPORT
4G82	4		65.000	1 2 O1	1.500 1.500 2.800	x x x	2.500 2.900 2.700	SWM31068ZZ 777	-	
4G91	4	1496	78.400	1 2 O1	1.200 1.200 2.800	x x x	3.100 3.300 2.700	SWM31150ZZ 777	MD177113	MIRAGE
4G92	4	1597	81.000	1 2 O1	1.200 1.200 2.800	x x x	2.900 3.600 2.800	SWM31085ZZ SWM31079ZZ 777	MD173211	
4G93	4	1834	81.000	1 2 O1	1.200 1.200 2.800	x x x	3.200 3.600 2.700	SWM31079ZZ 777	MD173206	EXPO EXPO LRV MIRAGE
4G94-S4	4	1999	81.500	1 2 O1	1.200 1.200 2.500	x x x	2.700 3.400 2.600	SWM31164ZZ 	1110B098 1110B099 1110B100	
6A12	6	1998	78.400	1 2 O1	1.200 1.200 2.800	x x x	3.050 3.050 2.600	SWM31137ZZ 777	MD302644 MD189104	ELANTRA GALANT DIAMANTE
6G71	6	1998	74.700	1 2 O1	1.500 1.500 4.000	x x x	3.250 3.300 3.200	SWM31133ZZ 777	MD104889	DEBONAIRE
6G72 (S.O.H.C.)	6	2972	91.100	1 2 O1	1.200 1.500 3.000	x x x	3.300 3.800 2.900	SWM31078ZZ 777	MD158334 MD165949 MD301716 MD301798 MD329755 MD334192	3000GT DIMANTE GALANT GTO MONTERO PICKUP

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
6G72 (D.O.H.C.)	6	2972	91.100	1	1.200	x	3.300	SWM31078ZY	MD158334	3000GT DIMANTE GALANT GTO MONTERO PICKUP
				2	1.500	x	3.800	SWM31078ZZ	MD165949	
				O1	3.000	x	2.850	777	MD301716 MD301798 MD329755 MD334192	
6G72	6	2972	91.100	1	1.500	x	3.500	SWM31069ZZ	MD104939	SIGMA
				2	1.500	x	3.800	SWM31080ZZ		
				O1	4.000	x	3.250			
6G72	6	2972	91.100	1	1.500	x	3.300	SWM31080ZZ	MD101895	GALANT SIGMA MIGHTY MAX MONTERO PICKUP
				2	1.500	x	3.800		MD104922	
				O1	4.000	x	3.250	777	MD104939 MD129548	
6G73	6	2500	83.500	1	1.200	x		SWM31154ZZ	MD310257	
				2	1.500	x			MD310258	
				O1	3.000	x				
6G74	6	3496	93.000	1	1.500	x	3.500	SWM31121ZZ	MD300569	DIAMANTE MONTERO MONTERO SPORT
				2	1.500	x	3.900		MD322783	
				O1	3.000	x	2.850	777		
6G75	6	3828	95.000	1	1.200	x	3.500	SWM31148ZZ	MN183867	ECLIPSE ECLIPSE SPYDER ENDEVOR GALANT MONTERO
				2	1.200	x	3.400			
				O1	2.000	x	2.550	777		
C	4	2555	91.100	1	1.500	x	3.500	SWM31039ZZ	MD061258	
				2	1.500	x	3.800		MD076170	
				O1	4.000	x	2.650	777	MD08059 MD101895 MD106752	
DZL	4		85.000	1	1.200	x	3.100	SWM31143ZZ	MN149594	
				2	1.200	x	3.500			
				O1	2.000	x	2.300	777		
G12B	4	1410	74.000	1	1.500	x	3.300	SWM31027ZZ	MD031700	
				2	1.500	x	3.300			
				O1	4.000	x		777		
G15B	4	1468	75.500	1	1.500	x	2.850	SWM31063ZY	MD156165	LANCER MIRAGE PRECIS
				2	1.500	x	3.300		MD074725	
				O1	4.000	x	3.250	777	23040-21210	
G32B	4	1597	77.000	1	1.500	x	3.100	SWM31043ZZ	MD012765	MIRAGE
				2	1.500	x	3.500			
				O1	4.000	x	3.180	777		
G4DJ	4	1468	75.500	1	1.500	x	2.850	SWM31063ZY	23040-24200	PRECIS
				2	1.500	x	3.300			
				O1	4.000	x	3.250	777		
G52B	4	1994	84.000	1	2.000	x	3.600	SWM30074ZZ	MD021070	
				2	2.000	x	3.700			
				O1	4.000	x	3.750	777		
G54B	4	2555	91.100	1	1.500	x	1.500	SWM31047ZZ	MD025080	MONTERO PICKUP
				2	1.500	x	1.500		MD026835	
				O1	4.000	x	2.650	777		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
G54B	4	2555	91.100	1	1.500	x	3.500	SWM31039ZZ	MD061258	MONTERO PICKUP STARION
				2	1.500	x	3.800	777		
				O1	4.000	x	3.250			
G62B	4	1795	80.600	1	2.000	x	3.500	SWM31040ZZ	MD040610	CORDIA TREDIA
				2	2.000	x	3.700	777	MD106736	
				O1	4.000	x	2.650			
G62B	4	1795	80.600	1	1.500	x	3.500	SWM31041ZZ	MD040465	CORDIA TREDIA
				2	1.500	x	3.700	777	MD077113	
				O1	4.000	x	2.650			
G63B	4	1997	85.000	1	2.000	x	3.300	SWM31043ZZ	MD040640	CORDIA PICKUP TREDIA
				2	2.000	x	3.700	SWM31013ZY	MD040840	
				O1	4.000	x	3.250	777	MD041580	
G63B	4	1997	85.000	1	1.500	x	3.100	SWM31034ZZ	MD088941	
				2	1.500	x	3.800	777		
				O1	4.000	x	3.200	1st-SPRYD		
G63B G63BT G63BTC	4	1997	85.000	1	1.500	x	3.500	SWM31044ZZ	MD100467	GALANT MIGHTY MAX PICKUP
O1	4.000	x	3.300	SWM31034ZZ	777					
G64B	4	2350	86.500	1	1.500	x	3.500	SWM31037ZZ	MD085346	GALANT VAN
				2	1.500	x	3.800	777		
				O1	4.000	x	3.300	2nd-ESTUC		
ME21 ME24	2	359	62.000	1	2.500	x	2.800	SMM30045ZZ	MD018908	
2	2.500	x	2.400	DISCONTINUED						
O1	2.500	x	2.800	300X						
U	4	2555	91.100	1	1.500	x	3.500	SWM31039ZZ	MD061258	
				2	1.500	x	3.800	777	MD076170	
				O1	4.000	x	3.250		MD101895	
									MD106752	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
MITSUBISHI DIESEL ENGINE										
4D30	4	3298	100.000	1 2 O1	3.000 2.000 5.000	x x x	4.000 4.200 4.800	SDM34014ZZ SDM31014ZX 555 All Plt	ME012010 ME012070	CANTER
4D30	4	3298	100.000	1 2 O1	3.000 2.000 5.000	x x x	3.650 4.200 4.950	SDM31014ZX 555 SS999	ME012010 ME012070	CANTER
4D31T	4	3298	100.000	1 2 O1	3.000 2.000 4.000	x x x	4.000 4.200 4.150	SDM34081ZZ SDM31081ZX 555	ME997398	CANTER
4D31T	4	3298	100.000	1 2 O1	3.000 2.000 4.000	x x x	3.650 4.200 4.350	SDM31081ZX 555 SS999	ME997398	CANTER
4D32	4	3567	104.000	1 2 O1	3.000 2.000 4.000	x x x	4.100 4.200 4.150	SJM34098ZZ SDM31098ZX Mt.555 1st-HKS	ME997318	
4D32	4	3567	104.000	1 2 O1	3.000 2.000 4.000	x x x	3.650 4.200 4.400	SDM31098ZX 555 1st-HKS SS999	ME997318	
4D33	4	4214	108.000	1 2 O1	3.000 2.000 4.000	x x x	4.300 4.400 4.100	SDM34097ZZ SDM31097ZX 555	ME996378 ME999871	
4D33	4	4214	108.000	1 2 O1	3.000 2.000 4.000	x x x	4.050 4.400 4.400	SDM31097ZX 555	ME996378 ME999871	
4D34T	4	3907	104.000	1 2 O1	2.806 2.000 4.000	x x x	4.100 4.000 4.150	SDM34075ZZ SDM31075ZX 555 1st-KS	ME997240	
4D34T	4	3907	104.000	1 2 O1	2.806 2.000 4.000	x x x	3.850 4.000 4.400	SDM31075ZX 555 1st-KS	ME997240	
4D35	4	4561	110.000	1 2 O1	3.000 2.500 4.000	x x x	4.050 4.400 4.350	SDM31118ZZ 555	ME996628	
4D55	4	2346	91.100	1 2 O1	2.500 2.000 4.000	x x x	3.700 3.800 3.800	SDM34055ZZ SDM31055ZX 555	MD050395	PAJERO
4D55	4	2346	91.100	1 2 O1	2.500 2.000 4.000	x x x	3.450 3.800 4.150	SDM31055ZX 555 SS999	MD050395	PAJERO

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
4D55 4D55T	4	2346	91.100	1 2 O1	2.500 2.000 4.000	x x x	3.700 3.900 3.800	SDM34038ZZ SDM31038ZX 555 1st-HKS 2nd-HKS	MD050390 MD103391	PAJERO PICKUP
4D55 4D55T	4	2346	91.100	1 2 O1	2.500 2.000 4.000	x x x	3.250 3.900 3.900	SDM31038ZX 555 1st-HKS 2nd-HKS SS999	MD050390 MD103391	PAJERO PICKUP
4D65	4	1795	80.600	1 2 O1	2.000 2.000 4.000	x x x	3.500 3.700 4.150	SDM34090ZZ SDM31090ZX 555 1st-HKS	MD071206	
4D65	4	1795	80.600	1 2 O1	2.000 2.000 4.000	x x x	3.050 3.700 4.350	SDM31090ZX 555 1st-HKS SS999	MD071206	
4D68NA	4	1998	82.700	1 2 O1	2.000 2.000 3.000	x x x	3.250 3.500 3.250	SDM31104ZZ 555	MD197162	
4DQ1	4	1986	82.000	1 2 3 O1	2.000 2.000 2.000 4.000	x x x x	3.600 3.600 3.600 3.800	SJM30004ZZ DISCONTINUED Mt.555	30617-01014	
4DQ5	4	2084	84.000	1 2 O1	2.500 2.000 4.000	x x x	3.600 3.600 4.200	SDM31010ZZ 555	30615-51011 30617-51011	(Forklift)
4DQ5	4	2084	84.000	1 2 O1	2.500 2.000 4.000	x x x	3.600 3.600 3.300	SJM30105ZZ 555	30617-61011	
4DR1	4	2384	88.000	1 2 3 O1	2.500 2.000 2.000 4.000	x x x x	3.600 3.800 2.800 4.000	SJM30048ZZ DISCONTINUED Mt.555	30317-11011 31317-11011	
4DR5	4	2659	92.000	1 2 3 O1	2.500 2.000 2.000 4.500	x x x x	3.700 3.900 3.900 4.000	SDM30075ZZ SDM30075ZX 555	31617-02012 31617-02013 31617-05102 31617-05103	
4DR5	4	2659	92.000	1 2 3 O1	2.500 2.000 2.000 4.500	x x x x	3.450 3.900 3.900 4.300	SDM30075ZX 555 SS999	31617-02012 31617-02013 31617-05102 31617-05103	
4DR52T1	4	2659	92.000	1 2 O1	2.350 2.000 4.000	x x x	3.450 3.450 4.350	SDM31129ZZ 555	ME996069	
4DR7	4	95.000	95.000	1 2 O1	2.350 2.000 4.000	x x x	3.700 3.900 4.350	SDM34095ZZ SDM31095ZX 555	ME997256	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
MITSUBISHI DIESEL ENGINE										
4DR7 (4M40NA)	4		95.000	1	2.350	x	3.450	SDM31095ZX	ME997256	
					2.000	x	3.900			
				O1	4.000	x	4.150	555 SS999		
4M40	4	2835	95.000	1	2.306	x	3.450	SDM31114ZZ	ME201522 ME202380	
					2.000	x	3.900			
				O1	4.000	x	4.350	555		
4M40	4	2835	95.000	1	2.306	x	3.500	SDM31114ZY SDM31114ZZ	ME201522 ME202380	
					2.000	x	3.900			
				O1	4.000	x	4.350	555		
6D10	6	5974	105.000	1	3.000	x	4.200	SDM31006ZZ	ME032190 ME032190-01 ME032326	
					2.000	x	4.400			
				O1	5.000	x	4.800	555 All Plt		
6D11	6	9754	105.000	1	3.000	x	4.200	SDM31006ZZ	ME032190 ME032190-01 ME032326	
					2.000	x	4.400			
				O1	5.000	x	4.800	555 All Plt		
6D14	6	6557	110.000	1	3.000	x	4.300	SDM31007ZZ SDM31007ZX	ME032071 ME032260 ME032404 ME032458	
					2.500	x	4.400			
				O1	5.000	x	5.000	555 All Plt		
6D14	6	6557	110.000	1	3.000	x	4.050	SDM31007ZX	ME032071 ME032260 ME032404 ME032458	
					2.500	x	4.400			
				O1	5.000	x	4.950	555 SS999		
6D14	6	6557	110.000	1	3.000	x	4.300	SDM31089ZZ SDM31089ZX	ME999952	
					2.500	x	4.400			
				O1	4.000	x	4.150	555		
6D14	6	6557	110.000	1	3.000	x	4.050	SDM31089ZX	ME999952	
					2.500	x	4.400			
				O1	4.000	x	4.350	555 SS999		
6D14	6	6557	110.000	1	3.000	x	4.300	SDM31401ZZ DISCONTINUED		
					2.500	x	4.400			
				O1	4.000	x	4.900	555		
6D14T	6	6557	110.000	1	2.806	x	4.050	SDM31122ZZ	ME997465	
					2.500	x	4.000			
				O1	4.000	x	4.350	555		
6D15	6	6919	113.000	1	3.000	x	4.300	SDM31073ZZ SDM31073ZX	ME032403	
					2.500	x	4.400			
				O1	5.000	x	4.700	555 1st-HKS		
6D15	6	6919	113.000	1	3.000	x	4.050	SDM31073ZX	ME032403	
					2.500	x	4.400			
				O1	5.000	x	4.950	555 1st-HKS SS999		
6D15T	6	6919	113.000	1	2.806	x	4.050	SDM31119ZZ	ME997466 ME999929 ME999954	
					2.500	x	4.400			
				O1	4.000	x	4.350	555		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
MITSUBISHI DIESEL ENGINE											
6D16	6	7545	118.000	1	3.000	x	4.600	SDM34036ZZ	ME999540		
					2	2.500	x	4.600			DISCONTINUED
					O1	4.000	x	4.200			555
6D16	6	7545	118.000	1	3.000	x	4.250	SDM34036ZX	ME999540		
					2	2.500	x	4.600			SDM31051ZX
					O1	4.000	x	4.400			555
6D16	6	7545	118.000	1	3.000	x	4.600	SDM34051ZZ	ME999955		
					2	2.500	x	4.600			SDM31051ZX
					O1	4.000	x	4.800			555
6D16	6	7545	118.000	1	3.000	x	4.250	SDM31051ZX	ME999955		
					2	2.500	x	4.600			
					O1	4.000	x	4.400			555
6D16	6	7545	118.000	1	3.000	x	4.600	SDM31092ZZ	ME996229		
					2	2.500	x	4.600			
					O1	4.000	x	4.150			555
6D16T	6	7545	118.000	1	2.800	x	4.150	SDM34084ZZ	ME997999		
					2	2.500	x	4.600			SDM31054ZX
					O1	4.000	x	4.800			555 1st-KS
6D16T	6	7545	118.000	1	2.800	x	4.600	SDM34035ZZ	ME9995459		
					2	2.500	x	4.600			SDM31054ZX
					O1	4.000	x	4.200			555 1st-KS
6D16T	6	7545	118.000	1	2.806	x	4.600	SDM34054ZZ	ME997647		
					2	2.500	x	4.600			SDM31054ZX
					O1	4.000	x	4.800			555 1st-KS
6D16T	6	7545	118.000	1	2.806	x	4.050	SDM31054ZX	ME997647		
					2	2.500	x	4.600			
					O1	4.000	x	4.400			555 1st-HKS SS999
6D16TL	6	7545	118.000	1	2.806	x	4.150	SDM34443ZY	ME995535		
					2	2.500	x	4.600			DISCONTINUED
					O1	4.000	x	4.150			555
6D16TL	6	7545	118.000	1	2.806	x	4.150	SDM34425ZY	ME993728		
					2	2.500	x	4.600			DISCONTINUED
					O1	4.000	x	4.800			555
6D20	6	10308	125.000	1	4.000	x	5.000	SDM31011ZZ	30917-0210		
					2	3.000	x	5.300			
					O1	6.000	x	5.500			555 1st-HKS All Plt
6D20	6	10308	125.000	1	3.300	x	5.400	SDM31023ZY	ME052145		
					2	3.000	x	5.300			
					O1	6.000	x	5.800			555 1st-HKS All Plt

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
MITSUBISHI DIESEL ENGINE										
6D20	6	10308	125.000	1 2 O1	3.000 3.000 6.000	x x x	5.200 5.300 5.500	SDM31030ZZ 555 All Plt	ME052260	
6D22	6	11149	130.000	1 2 O1	3.000 3.000 6.000	x x x	5.200 5.300 5.500	SJM31019ZZ Mt.555	ME052758	
6D22	6	11149	130.000	1 2 O1	3.000 3.000 4.000	x x x	5.200 5.300 4.770	SJM31057ZZ Mt.555	ME052966 ME999136	
6D22	6	11149	130.000	1 2 O1	3.000 3.000 4.000	x x x	4.550 5.300 4.770	SJM31409ZZ DISCONTINUED Mt.555	ME995473 ME995465	
6D22	6	11149	130.000	1 2 O1	3.306 3.000 6.000	x x x	4.550 5.300 5.500	SJM31110ZZ Mt.555	ME995477 ME995466	
6D22	6	11149	130.000	1 2 O1	3.306 3.000 6.000	x x x	5.400 5.300 5.500	SJM31412ZZ DISCONTINUED Mt.555	ME995469 ME995468	
6D22 6D22T	6	11149	130.000	1 2 O1	3.306 3.000 6.000	x x x	4.550 5.300 5.500	SDM31015ZX 555 1st-KS All Plt	30917-20010 ME052124 ME052787	
6D22 6D22T	6	11149	130.000	1 2 O1	3.306 3.000 4.000	x x x	4.550 5.300 4.450	SJM31111ZZ Mt.555	ME052889 ME995467	
6D22T	6	11149	130.000	1 2 O1	3.306 3.000 4.000	x x x	5.400 5.300 4.800	SJM31050ZZ DISCONTINUED 555 1st-KS	ME052889	
6D22T2	6	11149	130.000	1 2 O1	3.306 3.000 4.000	x x x	4.550 5.300 4.770	SJM31093ZZ DISCONTINUED Mt.555	ME350961 ME993736 ME996142 ME996540 ME996544	
6D24	6	11945	130.000	1 2 O1	3.306 3.000 4.000	x x x	4.550 5.300 4.150	SDM31094ZZ DISCONTINUED 555	ME151190	
6D24	6	11945	130.000	1 2 O1	3.000 3.000 4.000	x x x	4.550 5.300 4.150	SJM31096ZZ DISCONTINUED Mt.555	ME996391	
6D24CNG	6	11945	130.000	1 2 O1	2.500 2.500 4.000	x x x	4.550 5.300 4.350	SJM31424ZY DISCONTINUED Mt.555	ME993734	
6D24T	6	11945	130.000	1 2 O1	3.306 2.500 4.000	x x x	4.550 4.700 4.350	SDM31105ZZ 555	ME995636	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
MITSUBISHI DIESEL ENGINE										
6D31	6	4948	100.000	1	3.000	x	4.000	SDM31102ZZ		
					2	2.000	x			
6D31T	6	4948	100.000	1	3.000	x	4.000	SDM31088ZZ	ME997458	
					O1	5.000	x			
6D31T	6	4948	100.000	2	2.000	x	4.200	SDM31088ZX	ME999783	
					O1	4.000	x			
6D31T	6	4948	100.000	1	3.000	x	3.650	SDM31088ZX	ME997458	
					O1	4.000	x			
6D40	6	12023	135.000	1	3.306	x	4.750	SDM31091ZZ	ME121332	
					O1	4.000	x			
6D40T	6	12023	135.000	2	3.000	x	5.400	DISCONTINUED	ME996132	
					O1	4.000	x			
6D40T	6	12023	135.000	1	3.306	x	4.750	SDM31056ZZ	ME120536	
					O1	4.000	x			
6D40T	6	12023	135.000	2	3.000	x	5.400	SDM31056ZX	ME120536	
					O1	4.000	x			
6D55	6	4978	98.000	1	3.000	x	4.200	SJM30056ZZ	30817-31000	
					O1	5.000	x			
6DB	6	8550	110.000	1	3.500	x	4.300	SJM30005ZZ	30017-71002	
					O1	5.000	x			
6DC2	6	9955	130.000	1	4.000	x	4.000	SDM30007ZZ	31117-00009	
					O1	6.000	x			
6DR5	6	3983	92.000	1	2.500	x	3.700	SDM30076ZZ	31717-12012	(Forklift)
					O1	4.500	x			
6DR5	6	3983	92.000	2	2.000	x	3.900	SDM30076ZX	31717-12013	
					O1	4.500	x			
6DS1	6	4678	95.000	1	2.500	x	4.100	SDM30076ZX	31717-12012	(Forklift)
					O1	4.500	x			
6DS1	6	4678	95.000	2	2.000	x	4.100	SJM30002ZZ	30817-01006	
					O1	4.500	x			
6DS3	6	5103	95.000	1	3.000	x	3.900	SJM30002ZZ	ME020382	
					O1	4.500	x			
6DS3	6	5103	95.000	2	2.000	x	4.100	SDM31001ZZ	ME021855	
					O1	4.500	x			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	CYL	ENGINE SIZE CC	DIA. mm	CM B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
MITSUBISHI DIESEL ENGINE											
6DS7	6	5430	98.000	1	3.000	x	4.000	SDM31002ZZ	ME023333		
					2	2.000	x				4.200
					O1	5.000	x				4.800
								555 All Plt	ME021861 ME024409 ME023333-02		
6M60T	6	7545	118.000	1	2.806	x	4.150	SDM31407ZZ	ME995562		
					2	2.500	x				4.600
					O1	4.000	x				4.350
								DISCONTINUED 555 SS999	ME995561		
6M61	6	8201	118.000	1	3.000	x	4.100	SDM31106ZZ	ME995562		
					2	2.000	x				4.300
					O1	4.000	x				4.350
								555 SS999	ME995568		
6M61CNG	6	8201	118.000	1	2.500	x	3.950	SDM31423ZZ	ME993687		
					2	2.000	x				4.300
					O1	4.000	x				4.350
								DISCONTINUED 555	ME993688		
6M70	6		135.000	1	3.306	x	4.750	SDM31115ZZ	ME995857		
					2	2.500	x				4.700
					O1	4.000	x				4.350
								555 SS999	ME995855		
6SB1	1	12880	135.000	1	4.000	x	5.000	SDM30106ZZ	36217-17010		
					2	3.000	x				5.500
					O1	6.000	x				5.500
								555 1Cyl Set	36217-11010		
8DB	8	11404	110.000	1	3.500	x	4.300	SJM30006ZZ	30017-11000		
					2	2.500	x				4.700
					3	2.500	x				4.700
					O1	5.000	x				4.700
								Mt.555			
8DC2	8	13273	130.000	1	4.000	x	5.000	SDM30008ZY	31217-02010		
					2	3.000	x				5.300
					O1	6.000	x				5.500
								555 1st-HKS All Plt	ME062109		
8DC2	8	13273	130.000	1	3.300	x	5.400	SDM31020ZX	ME062298		
					2	3.000	x				5.300
					O1	6.000	x				5.500
								555 1st-KS All Plt			
8DC4	8	13273	130.000	1	4.000	x	5.000	SDM30008ZY	31217-02010		
					2	3.000	x				5.300
					O1	6.000	x				5.500
								555 1st-HKS All Plt	ME062109		
8DC4	8	13273	130.000	1	3.300	x	5.400	SDM31020ZX	ME062298		
					2	3.000	x				5.300
					O1	6.000	x				5.500
								555 1st-KS All Plt			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
MITSUBISHI DIESEL ENGINE										
8DC6	8	14886	135.000	1 2 O1	4.000 3.000 6.000	x x x	5.000 5.700 5.500	SDM31004ZZ 555 1st-HKS All Plt	31217-60012 ME062086	
8DC6	8	14886	135.000	1 2 O1	3.300 3.000 6.000	x x x	5.400 5.500 5.500	SDM31028ZZ 555 1st-KS All Plt	ME062022 ME062246	
8DC7	8	13273	130.000	1 2 O1	4.000 3.000 6.000	x x x	5.000 5.300 5.500	SDM30008ZY 555 1st-HKS All Plt	31217-02010 ME062109	
8DC7	8	13273	130.000	1 2 O1	3.300 3.000 6.000	x x x	5.400 5.300 5.500	SDM31020ZX 555 1st-KS All Plt	ME062298	
8DC8	8	14886	135.000	1 2 O1	4.000 3.000 6.000	x x x	5.000 5.700 5.500	SDM31004ZZ 555 1st-HKS All Plt	31217-60012 ME062086	
8DC8I	8	14886	135.000	1 2 O1	3.300 3.000 6.000	x x x	5.400 5.500 5.500	SDM31028ZZ 555 1st-KS All Plt	ME062022 ME062246	
8DC9I 8DC9T	8	16031	135.000	1 2 3 O1	3.300 3.000 3.000 6.000	x x x x	5.400 5.500 5.500 5.500	SDM31029ZZ 555 1st-KS All Plt SS999	ME062018 ME062230	
8DC9I 8DC9T	8	16031	135.000	1 2 3 O1	3.300 3.000 3.000 6.000	x x x x	4.750 5.500 5.500 5.500	SDM31029ZZ 555 1st-KS All Plt	ME062018 ME062230	
8DC9T	8	16031	135.000	1 2 3 O1	3.306 3.000 3.000 4.000	x x x x	5.400 5.500 5.500 4.770	SDM31087ZY 555	ME090758	
8DC9T	8	16031	135.000	1 2 3 O1	3.306 3.000 3.000 4.000	x x x x	4.750 5.500 5.500 4.350	SDM31087ZX SDM31087ZY 555 SS999	ME090758	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
MITSUBISHI DIESEL ENGINE										
8DC10	8	16752	138.000	1	3.306	x	5.500	SDM31134ZZ 555	ME065717	
				2	3.000	x	5.500			
				3	3.000	x	5.500			
				O1	6.000	x	5.500			
8DC10	8	16752	138.000	1	3.306	x	5.500	SDM31139ZZ 555	ME090582	
				2	3.000	x	5.500			
				3	3.000	x	5.500			
				O1	4.000	x	4.300			
8DC11	8	17737	135.000	1	3.306	x	5.600	SDM31128ZZ 555	ME090586 30617-50111	
				2	3.000	x	5.700			
				3	3.000	x	5.700			
				O1	4.000	x	4.150			
8M20	8	20089	146.000	1	3.306	x	5.600	SDM31138ZZ 500		THE GREAT AERE QUEEN
				2	3.000	x	5.700			
				3	3.000	x	5.700			
				O1	4.000	x	4.650			
D400	1		68.000	1	2.000	x	2.800	SCM31042ZZ DISCONTINUED 500	MM332614	
				2	1.500	x	3.000			
				3	1.500	x	3.000			
				O1	3.500	x	3.100			
D2700	1		118.000	1	3.000	x	4.600	SDM30111ZZ DISCONTINUED 555	MM33403801	
				2	2.500	x	4.600			
				O1	4.000	x	4.800			
D2700	1		118.000	1	3.000	x	4.600	SDM31033ZZ 555	MM334038 MM332391	
				2	2.500	x	4.600			
				O1	4.000	x	4.200			
K4E	1	1415	76.000	1	2.490	x	3.300	SDM30112ZZ DISCONTINUED 555	MM431579	
				2	2.000	x	3.300			
				O1	4.000	x	3.600			
S4E	4	2610	94.000	1	2.500	x	3.800	SJM30110ZZ DISCONTINUED Mt.555	34417-11011 32A14-00100	(Forklift)
				2	2.000	x	3.800			
				O1	4.500	x	4.350			
S4E S4S	4	2609	94.000	1	2.500	x	4.000	SDM30110ZZ 555	34417-11011 32A14-00100	(Forklift)
				2	2.000	x	4.000			
				O1	4.500	x	4.450			
S6A	1	15860	145.000	1	4.400	x	5.900	SJM30107ZZ 555 1st-KS 2nd-KS All Plt 1Cyl Set	32517-11010	
				2	2.920	x	5.900			
				O1	6.000	x	5.300			
S6A2	1	18560	150.000	1	4.400	x	6.000	YJM30109ZZ Mt.555 1Cyl Set	32517-17010	
				2	2.920	x	6.000			
				O1	6.000	x	5.300			
S6E	6			1		x		NA	-	(Forklift)
				2		x				
				O1		x				

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
MITSUBISHI DIESEL ENGINE										
S6E2	6			1 2 O1		x x x		NA	-	(Forklift)
S6KT	6	6380	102.000	1	3.000	x	4.000	SDM30408ZZ	34317-19010	
				2 O1	2.000 4.000	x x	4.000 4.250	SDM30108ZX 555		
S6KT	6	6380	102.000	1	3.000	x	4.050	SDM30108ZX	34317-19010	
				2 O1	2.000 4.000	x x	4.000 4.150	555 SS999		
S12A	1	18560	150.000	1	4.400	x	6.000	YJM30109ZZ	32517-17010	
				2 O1	2.920 6.000	x x	6.000 5.300	Mt.555 1Cyl Set		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
NISSAN GASOLINE ENGINE										
A10 A12	4	988	73.000	1 2 O1	2.000 2.000 4.000	x x x	3.000 3.000 3.000	SWN30026ZZ 777	12033-A6200 12033-B3040 12033-H6200	1200 SUNNY
A12	4	1189	73.000	1 2 O1	2.000 2.000 4.000	x x x	2.800 2.900 3.050	SWN30080ZZ SWN30026ZZ 777	12033-H6211	
A12A	4	1237	75.000	1 2 O1	2.000 2.000 4.000	x x x	3.200 3.200 3.000	SWN30073ZZ 777	12033-H8500	210 SUNNY
A13	4	1288	73.000	1 2 O1	2.000 2.000 4.000	x x x	3.000 3.000 3.000	SWN30026ZZ 777	12033-H6200	B210 SUNNY
A14	4	1397	76.000	1 2 O1	2.000 2.000 4.000	x x x	3.200 3.400 3.400	SWN30045ZZ SWN30045ZX 777	12033-H7200 12033-H8660 12033-H8900 12033-H8920 12033-H9910	210 310 B210 SUNNY
A14	4	1397	76.000	1 2 O1	2.000 2.000 4.000	x x x	2.850 3.400 3.300	SWN30045ZX 777 SS999	12033-H7200 12033-H8660 12033-H8900 12033-H8920 12033-H9910	210 310 B210 SUNNY
A14 A15	4 4	1397 1487 1488	76.000	1 2 O1	1.200 2.000 4.000	x x x	3.100 3.400 3.250	SWN30052ZZ 777	12033-H7680 12033-H9800 12033-H9810 12033-H9820 12033-H9915 12033-H9918	210 310 B210 SUNNY (Forklift)
C	4	1299	73.000	1 2 O1	2.000 2.000 4.000	x x x	3.000 3.000 3.000	SWN30026ZZ 777	12033-A6200 12033-B3040 12033-H6200	
CA16 CA16DE	4	1598	77.950	1 2 O1	1.500 1.500 2.800	x x x	2.900 3.400 2.400	SWN30111ZZ 777	12033-55M00	PULSER
CA16 CA16DE	4	1598	80.000	1 2 O1	1.750 2.000 3.000	x x x	3.300 3.300 3.800	SDN30088ZZ SDN30088ZX 555		PULSER STANZA
CA16S	4	1598	77.950	1 2 O1	1.500 1.500 4.000	x x x	2.900 3.400 3.000	SWN30055ZY 777 All Plt	12033-06E00 12033-D0120 12033-D0400	STANZA
CA18DE CA18DET	4	1809	83.000	1 2 O1	1.500 1.500 2.800	x x x	2.900 3.600 2.800	SWN30090ZZ 777 All Plt	12033-D4210	PULSER

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
NISSAN GASOLINE ENGINE										
CA18E CA18S	4	1809	83.000	1 2 O1	1.500 1.500 4.000	x x x	2.900 3.600 3.050	SWN30056ZZ 777 All Plt	12033-01E00 12033-01E10 12033-01F00 12033-D0210 12033-D0500	
CA18ET	4	1809	83.000	1 2 O1	1.500 1.500 2.800	x x x	2.900 3.600 3.000	SWN30077ZZ SWN30090ZZ 777 All Plt	12033-17F00 12033-18F00 12033-18F10	200SX
CA18P	4	1809	83.000	1 2 O1	2.000 1.500 2.800	x x x	2.900 3.600 3.000	SWN30083ZZ 777	12033-49200	
CA20	4	1973	84.500	1 2 O1	1.500 1.500 4.000	x x x	3.450 3.900 3.200	SWN30063ZZ SWN30053ZZ 777	12033-D2000 12033-D1700	
CA20A	4	1973 1974	84.500	1 2 O1	1.500 1.500 4.000	x x x	3.100 3.700 3.050	SWN30053ZZ 777	12033-04E00 12033-04E10 12033-D1700 12033-D2000	200SX STANZA
CA20E	4	1973	84.500	1 2 O1	1.500 1.500 2.800	x x x	3.150 3.700 2.800	SWN30121ZZ 777	12033-61E10	STANZA
CA20P	4	1973	84.500	1 2 O1	2.000 1.500 2.800	x x x	2.900 3.700 3.000	SWN30075ZZ 777 All Plt	12033-V5600	
CA20S	4	1974	84.500	1 2 O1	1.500 1.500 4.000	x x x	3.150 3.700 2.800	SWN30053ZZ 777	12033-04E10	
CG	4	1000 1300	71.000	1 2 O1	1.200 1.500 3.000	x x x	2.500 3.100 2.850	SWN30110ZZ 777	12033-41B01	
CG	4	1000 1300	71.200	1 2 O1	1.200 1.500 3.000	x x x	2.500 3.100 2.850	SWN30112ZZ 777	12035-41B01	
CG13	4		72.000	1 2 O1	1.200 1.200 2.500	x x x	2.650 3.100 2.550	SWN30128ZZ 777	12033-2U800	
CG13	4		72.200	1 2 O1	1.200 1.200 2.500	x x x	2.650 3.100 2.550	SWN30129ZZ DISCONTINUED 777	12035-AN201 12035-AN202	OVER SIZE
D11 E	4 4	1189 1299	73.000	1 2 O1	2.000 2.000 4.000	x x x	3.000 3.000 3.000	SWN30026ZZ 777	12033-A6200 12033-B3040 12033-H6200	(Forklift)
E10	4	1000	73.000	1 2 O1	1.500 1.500 4.000	x x x	3.000 3.000 3.000	SWN30095ZZ 777 2nd ESTUC	12033-41M01 12033-41M02	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
NISSAN GASOLINE ENGINE										
E13	4	1270	76.000	1	1.500	x	2.700	SWN30057ZY	12033-01M01	310 PULSER SENTRA
E15		1487		2	1.500	x	3.400	777	12033-01M02	
E15ET		1488		O1	4.000	x	3.050		12033-01M10	
E15S									12033-01M12	
E15T									12033-17M00	
E16									12033-17M10	
E16i									12033-50A00	
E16S									12033-61A01	
E15	4	1487	76.000	1	1.500	x	3.200		SWN30060ZZ	12033-01M01
E16				2	1.500	x	3.400	DISCONTINUED	12033-01M02	
				O1	4.000	x	3.250	Mt.777	12033-17M00	
E16E	4	1597	76.000	1	1.500	x	2.700	SWN30414ZZ	12033-79Y00	
				2	1.500	x	3.200	DISCONTINUED		
				O1	4.000	x	3.100	777		
E16i	4	1597	76.000	1	1.500	x	3.100	SWN30058ZZ	12033-21V01	
				2	1.500	x	3.800	777		
				O1	4.000	x	2.500			
EJ1KK	4		71.000	1	1.200	x	2.450		SWN30135ZZ	12033-AX100
EJ4KK				2	1.200	x	2.700	777		
				O1	2.000	x	2.200			
EJ1KK	4		71.200	1	1.200	x	2.450		SWN30436ZZ	12033-AX100
EJ4KK				2	1.200	x	2.700	DISCONTINUED		
				O1	2.000	x	2.200	777		
EJ5KK	4		73.000	1	1.200	x	2.250	SWN30137ZZ	12033-AX201	
				2	1.200	x	2.800	777		
				O1	2.000	x	2.200			
EJ5KK	4		73.200	1	1.200	x	2.250		SWN30438ZZ	12033-AX201
				2	1.200	x	2.800	DISCONTINUED		
				O1	2.000	x	2.200	777		
ET	6	1998	77.950	1	1.500	x	2.900	SWN30092ZY	12033-12P00	
				2	1.500	x	3.400	777 All Plt		
				O1	2.800	x	3.000			
FT3	4		66.000	1	1.500	x	2.500		SWN30400ZZ	12033-21B00
				2	1.500	x	2.900	DISCONTINUED		
				O1	2.800	x	2.800	777		
FT3	4		66.200	1	1.500	x	2.500	SWN30404ZZ	12033-21B00	OVER SIZE
				2	1.500	x	2.900	DISCONTINUED		
				O1	2.800	x	2.800	777		
G1	4	1990	89.000	1	2.000	x	4.300	SXN30028ZZ	12033-E6800	
				2	2.000	x	4.300	Mt.777		
				O1	4.000	x	3.200			
G4	4	1770	85.000	1	2.000	x	4.200		SWN30020ZZ	12033-78520
				2	2.000	x	4.200	SWN30020ZX	12033-78521	
				O1	4.000	x	3.300	Mt.777	12033-A8701	
									12033-A8702	
									12033-A8702	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
NISSAN GASOLINE ENGINE										
G4	4	1770	85.000	1 2 O1	2.000 2.000 4.000	x x x	3.050 4.200 3.300	SWN30020ZX 777 SS999	12033-78520 12033-78521 12033-A8701 12033-A8702 12033-A8702	
G8 G8B	6	1989	82.000	1 2 O1	2.000 2.000 4.000	x x x	4.000 4.100 3.750	SWN30032ZZ DISCONTINUED Mt.777	12033-A0201 A2033-A0201	
G15	4	1583	82.000	1 2 O1	2.000 2.000 4.000	x x x	4.000 4.100 3.600	SWN30034ZZ DISCONTINUED Mt.500	12033-18500	
G16	4	1593	85.000	1 2 O1	2.000 2.000 4.000	x x x	4.200 4.200 3.300	SWN30020ZZ SWN30020ZX Mt.777	12033-78520 12033-78521 12033-A8701 12033-A8702 12033-A8702	
G18	4	1815								
G16	4	1593	85.000	1 2 O1	2.000 2.000 4.000	x x x	3.050 4.200 3.300	SWN30020ZX 777 SS999	12033-78520 12033-78521 12033-A8701 12033-A8702 12033-A8702	
G18	4	1815								
G20	4	1990	89.000	1 2 O1	2.000 2.000 4.000	x x x	4.300 4.300 3.800	SXN30028ZZ Mt.777	12033-E6620 12033-E6800	
GA14	4	1400	73.600	1 2 O1	1.500 1.500 2.800	x x x	2.700 3.100 2.800	SWN30103ZZ 777	12033-87A10 12033-87A11	
GA16 GA16i	4	1596	76.000	1 2 O1	1.500 1.500 2.800	x x x	3.100 3.200 2.850	SWN30097ZZ 777	12033-84A11 12033-94M02	PULSER SENTRA
GA16DE	4	1597	76.000	1 2 O1	1.500 1.500 2.800	x x x	3.100 3.200 2.850	SWN30104ZZ 777	12033-57Y00 12033-57Y01	NX
GA16DE	4	1597	76.000	1 O1	1.500 2.800	x x	3.100 2.550	SWN30116ZZ 777	12033-1M200 12033-1M201	200SX SENTRA
H20	4	1982	87.200	1 2 O1	2.000 2.500 4.000	x x x	4.100 4.100 4.100	SWN30023ZZ SWN30069ZZ 777	12033-14601 12033-R9023 12033-Y4460	(Forklift)
H20 H20-2	4	1982	87.200	1 2 O1	2.000 2.500 4.000	x x x	4.050 4.050 3.800	SWN30069ZZ 777	12033-R9000 12033-50K00	(Forklift)
H25				1 2 O1		x x x		NA	-	
H30	6	2974	87.200	1 2 O1	2.000 2.500 4.000	x x x	4.100 4.100 4.100	SWN30024ZZ DISCONTINUED 777	12033-66001	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
NISSAN GASOLINE ENGINE										
J13	4	1299	73.000	1	2.000	x	3.000	SWN30026ZZ	12033-A6200	PICKUP
				2	2.000	x	3.000	777	12033-B3040	
				O1	4.000	x	3.000		12033-H6200	
J15	4	1483	77.950	1	2.000	x	3.300	SWN30033ZZ	12033-01W60	PICKUP (Forklift)
				2	2.000	x	3.700	SWN30033ZX	12033-01W61	
J16	4	1567		O1	4.000	x	3.000	777	12033-01W62	
									12033-B3030	
									12033-B8200	
J15	4	1483	77.950	1	2.000	x	2.850	SWN30033ZX	12033-01W60	PICKUP (Forklift)
				2	2.000	x	3.700		12033-01W61	
J16	4	1567		O1	4.000	x	3.000	777	12033-01W62	
								SS999	12033-B3030	
									12033-B8200	
J18	4	1800	80.500	1	1.500	x	3.300	SWN30099ZZ	12033-N7900	
				2	2.000	x	3.700			
				O1	4.000	x	3.300	777		
J20	6	1973	73.000	1	2.000	x	3.000	SWN30027ZZ	12033-73001	
				2	2.000	x	3.000	DISCONTINUED	12033-73004	
				O1	4.000	x	3.000	777		
KA24	4	2389	89.000	1	1.500	x	3.300	SWN30096ZZ	12033-53F01	240SX AXXESS STANZA
KA24E				2	1.500	x	3.900		12033-70F00	
				O1	2.800	x	3.150	777		
KA24DE	4	2389	89.000	1	1.200	x	3.250	SWN30143ZZ	12033-9E000	ALTIMA
				2	1.200	x	3.800			FRONTIER
				O1	2.800	x	2.850	777		XTERRA
KA24DE	4	2389	89.000	1	1.500	x	3.100	SWN30148ZZ	12033-4E100	ALTIMA PICKUP
KA24E				2	1.500	x	3.900	SWN30096ZZ	12033-86G00	
				O1	2.800	x	2.500	777		
KA24DE	4	2389	89.000	1		x		TBA	12033-0Z810	ALTIMA FRONTIER
				2		x				
				O1		x		777		
L13	4	1300	83.000	1	2.000	x	3.500	SWN30014ZZ	12033-06000	210 620
				2	2.000	x	3.900		12033-21000	
L14	4	1400		O1	4.000	x	3.700	777	12033-23000	
									12033-A0600	
L16	4	1600							12033-A3500	
										12033-A3501
									12033-W0700	
									12033-W7110	
L18	4	1770	85.000	1	2.000	x	4.200	SWN30020ZZ	12033-78520	610 620 710
				2	2.000	x	4.200	SWN30020ZX	12033-78521	
				O1	4.000	x	3.300	Mt.777	12033-A8701	
									12033-A8702	
L18	4	1770	85.000	1	2.000	x	3.050	SWN30020ZX	12033-78520	610 620 710
				2	2.000	x	4.200		12033-78521	
				O1	4.000	x	3.300	777	12033-A8701	
								SS999	12033-A8702	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
NISSAN GASOLINE ENGINE										
L20A	6	1988	77.950	1	2.000	x	3.600	SWN30049ZZ	12033-73401	
				2	2.500	x	3.700	777	12033-73402	
				O1	4.000	x	3.000			
L20B	4	1988	85.000	1	2.000	x	4.050	SWN30048ZZ	12033-U6000	200SX
				2	2.000	x	4.200	777	12033-U6001	510
				O1	4.000	x	3.250		12033-U6002	610
									12033-W0805	620
									12033-W0815	710
										720
										PICKUP
L20ET	6	1988	77.950	1	2.000	x	3.300	SWN30037ZZ	12033-E3030	
				2	2.000	x	3.700	777	12033-V0300	
				O1	4.000	x	3.000		12033-V0310	
									12033-V0400	
L20S	6	1988	77.950	1	1.500	x	3.300	SWN30068ZZ	12033-01L00	
				2	2.000	x	3.600	777		
				O1	4.000	x	3.000			
L24 L24E	6	2389 2393	83.000	1	2.000	x	3.500	SWN30034ZZ	12033-A8600	240Z
				2	2.000	x	3.900	777	12033-E3100	810
				O1	4.000	x	3.700		12033-E3110	
									12033-W0810	
L24E	6	2393	83.000	1	1.500	x	3.600	SWN30064ZZ	12033-W2400	810
				2	2.000	x	3.900	777	12033-W2410	MAXIMA
				O1	4.000	x	3.400		12033-W2420	
L24E	6	2393	83.000	1	1.500	x	3.600	SWN30065ZZ	12033-W3100	MAXIMA
				2	1.500	x	3.600	DISCONTINUED		
				O1	4.000	x	3.000	777		
L28	6	2753	86.000	1	1.500	x	5.000	SWN30072ZZ	12033-T8400	
				2	2.000	x	3.750	777		
				O1	4.000	x	3.250	All Plt		
L28 L28E	6	2753	86.000	1	2.000	x	4.050	SWN30047ZZ	12033-M4210	280Z
				2	2.000	x	4.200	777	12033-N4200	280ZX
				O1	4.000	x	3.250		12033-N4220	
									12033-P8360	
									12033-P8370	
L28E L28ET	6	2753	86.000	1	1.500	x	3.600	SWN30066ZZ	12033-N4200	280ZX
				2	2.000	x	4.050	777	12033-P7900	
				O1	4.000	x	3.250		12033-P7910	
									12033-P8370	
									12033-P8600	
									12033-P8610	
									12033-P9010	
MA10 MA10ET	4	987	68.000	1	1.500	x	2.500	SWN30051ZZ	12033-01B05	
				2	1.500	x	3.100	777	12033-01B10	
				O1	2.800	x	3.000		12033-01B11	
									A2033-E0101	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESSION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
NISSAN GASOLINE ENGINE											
MA10 MA10ET	4	987	68.200	1	1.500	x	2.500	SWN30076ZZ	12035-01B10		
					2	1.500	x	3.100			777
					O1	2.800	x	3.000			
MA12	4	1200	71.000	1	1.500	x	2.550	SWN30074ZZ	12033-05B10 12033-05B11 A2033-05B10		
					2	1.500	x	3.250			777
					O1	2.800	x	2.800			
MA12	4	1200	71.200	1	1.500	x	2.550	SWN30087ZZ	12035-05B10		
					2	1.500	x	3.250			777
					O1	2.800	x	2.800			
MR18DE	4	1797	84.000	1	1.200	x	2.650	SWN30154ZZ	12033-EN200 12033-CK80A 12033-EN20A		
					2	1.200	x	3.000			777
					O1	2.000	x	2.550			
MR20DE	4	1999	84.000	1	1.200	x	2.650	SWN30154ZZ	12033-EN200 12033-CK80A 12033-EN20A		
					2	1.200	x	3.000			777
					O1	2.000	x	2.550			
NA20	4	1998	86.000	1	1.500	x	3.300	SWN30470ZZ	12033-3T602		
					2	1.500	x	3.800			DISCONTINUED
					O1	4.000	x	3.200			777
P P40	6	3956	85.690	1	2.500	x	3.700	SWN30022ZZ	12033-58003 12033-58004 12033-58005 12033-C6000 12033-C6011	(Forklift)	
					2	2.500	x	3.700			777
					O1	4.730	x	3.500			
QG15DE	4	1497	73.600	1	1.200	x	2.500	SWN30172ZZ	12033-5M370		
					2	1.200	x	3.200			777
					O1	2.500	x	2.600			
QG18	4	1769	80.000	1	1.500	x	3.100	SWN30126ZZ	12033-4M700		
					O1	2.800	x	2.550			777
QG18	4	1769	80.000	1	1.500	x	3.100	SWN30439ZZ	12033-8M100 A2033-8M100		
					O1	2.800	x	2.550			SWN30142ZY
											777
QG18DE	4	1769	80.000	1	1.500	x	2.870	SWN30127ZZ	12033-WD310	SENTRA	
					2	1.500	x	3.400			777
					O1	2.800	x	2.850			
QG18DE	4	1769	80.000	1	1.200	x	2.850	SWN30142ZZ	12033-5M020	SENTRA	
					2	1.200	x	3.400			777
					O1	2.500	x	2.600			
QR25DE	4	2488	89.000	1	1.200	x	3.100	SWN30140ZZ	12033-8H301 12033-9H500 12033-8J000	ALTIMA FRONTIER SENTRA SR-E	
					2	1.200	x	3.800			SWN30143ZZ
					O1	2.500	x	2.850			777
R16	4	1595	87.200	1	2.000	x	4.100	SWN30023ZZ	12033-14601	411 SRL 311	
					2	2.500	x	4.100			SWN30069ZZ
					O1	4.000	x	3.180			777
RB20	6	3000	86.000	1	1.500	x	3.200	SWN30157ZZ		LAUREL SKYLINE	
					O1	2.800	x	2.600			777
RB30	6	3000	86.000	1	1.500	x	3.100	SWN30091ZZ	12033-67S10		
					2	1.500	x	3.650			777
					O1	2.800	x	2.850			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
NISSAN GASOLINE ENGINE										
RD28	6	2825	85.000	1 2 O1	2.000 2.000 4.000	x x x	3.100 3.500 4.350	SDN30144ZZ 777	12033-22J11	
S20	6	1989	82.000	1 2 O1	2.000 2.000 4.000	x x x	4.000 4.100 3.750	SKN30032ZZ DISCONTINUED Mt.777	12033-A0201	
SR18	4	1838	82.500	1 2 O1	1.500 1.500 3.000	x x x	2.900 3.500 2.850	SWN30105ZZ 777	12033-0E101	
SR18	4	1838	82.700	1 2 O1	1.500 1.500 3.000	x x x	3.100 3.500 3.000	SWN30106ZZ 777	12035-0E101	OVER SIZE
SR18 For Leaded Free Gsoline	4	1838	82.700	1 2 O1	1.500 1.500 3.000	x x x	3.100 3.500 3.000	SWN30106ZY SWN30106ZZ 777	12035-0E101	
SR20	4	1998	86.200	1 2 O1	1.500 1.500 3.000	x x x	3.100 3.650 3.050	SWN30109ZZ 777	12035-60J20 12035-60J22 12035-60J62	
SR20	4	1998	86.000	1 2 O1	1.500 1.500 2.500	x x x	3.100 3.700 2.850	SWN30123ZZ 777	12033-3J610	OVER SIZE
SR20	4	1998	86.200	1 2 O1	1.500 1.500 2.500	x x x	3.100 3.700 2.850	SWN30124ZZ 777	12035-3J600 12035-3J610	OVER SIZE
SR20 SR20DE	4	1998	86.000	1 2 O1	1.200 1.200 2.500	x x x	3.050 3.700 2.850	SWN30123ZY SWN30123ZZ 777	12033-4M802	SENTRA
SR20 SR20DE	4	1998	86.000	1 2 O1	1.500 1.500 3.000	x x x	3.100 3.650 3.000	SWN30102ZZ 777	12033-53J00 12033-53J01 12033-60J20 12033-60J22	200SX G20 NX SENTRA
TB42 TB42E	6	4169	96.000	1 2 O1	2.000 2.000 4.000	x x x	3.300 4.200 3.250	SWN30122ZZ 777	12033-03J00	(Forklift)
U20	4	1989	87.200	1 2 O1	2.000 2.000 4.000	x x x	4.100 4.100 4.000	SWN30030ZZ DISCONTINUED 500 All Plt	12033-25502	SRL 311
VE30	6	2960	87.000	1 2 O1	1.500 1.500 2.800	x x x	3.070 3.800 3.150	SWN30108ZZ SWN30058ZZ 777	12033-96E01	MAXIMA
VE30DE	6	2960	87.000	1 2 O1	1.500 1.500 2.800	x x x	3.100 3.800 3.100	SWN30058ZZ 777	12033-96E01	MAXIMA
VG20E	6	1998	77.950	1 2 O1	1.500 1.500 2.800	x x x	2.900 3.400 3.000	SWN30092ZY 777 All Plt	12033-12P00	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
NISSAN GASOLINE ENGINE										
VG30 VG30E VG30ET	6	2960	87.000	1 2 O1	1.500 1.500 2.800	x x x	3.100 3.800 3.100	SWN30058ZZ 777	12033-02P10 12033-03P00 12033-03P10 12033-17V01 12033-21P10 12033-21V01 12033-96E01	200SX 300ZX M30 MAXIMA PATHFINDER PICKUP QUEST
VG30DE VG30DETT	6	2960	87.000	1 2 O1	1.500 1.500 2.800	x x x	3.100 3.800 3.150	SWN30094ZZ SWN30058ZZ 777 All Plt	12033-F6500 12033-F6510 12033-F6511	300ZX J30
VG30i VG30SPi	6	2960	87.000	1 2 O1	2.000 1.500 2.800	x x x	3.100 3.800 3.100	SWN30093ZZ 777 All Plt	12033-15G00 12033-15G10 12033-15V00 12033-V8000	PATHFINDER PICKUP
VG33E	6	3272 3300	91.500	1 2 O1	1.500 1.500 2.800	x x x	3.250 4.000 3.050	SWN30120ZZ 777	12033-0W000	FRONTIER PATHFINDER QX4 XTERRA
VG33E	6	3272	91.500	1 2 O1	1.500 1.500 2.800	x x x	3.250 4.000 3.050	SWN30120ZZ 777	12033-7B000	FRONTIER QUEST
VH45DE	8	4494	93.000	1 2 O1	1.500 1.500 2.800	x x x	3.300 4.100 3.050	SWN30117ZZ 777	12033-60U01	Q45
VK56 VK56DE	8	5552	98.000	1 2 O1	1.500 1.500 2.500	x x x	3.450 4.300 2.600	SWN30149ZZ 777	12033-7S001	ARMADA QX56 TITAN
VQ20	6	1995	76.000	1 2 O1	1.200 1.200 2.500	x x x	2.700 3.300 2.800	SWN30130ZZ 777	12033-31U00	
VQ30 VQ30DE	6	2960	93.000	1 2 O1	1.200 1.200 2.500	x x x	3.300 4.000 2.850	SWN30115ZZ 777	12033-38U01	I30 MAXIMA
VQ30 VQ30DE	6	2960	93.200	1 2 O1	1.200 1.200 2.500	x x x	3.300 4.000 2.850	SWN30119ZZ 777	12035-AG301 12035-47U03	OVER SIZE
VQ35DE	6	3498	95.500	1 2 O1	1.200 1.200 2.500	x x x	3.450 4.100 2.750	SWN30131ZZ 777	12033-4W001	350Z ALTIMA G35 I35 MAXIMA MURANO PATHFINDER QX4
VQ35DE	6	3498	95.700	1 2 O1	1.200 1.200 2.500	x x x	3.450 4.100 2.850	SWN30132ZZ DISCONTINUED 777	12035-4W004	OVER SIZE

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
NISSAN GASOLINE ENGINE										
VQ40DE	6	3954	95.500	1 2 O1		x x x		NA 777	-	FRONTIER PATHFINDER XTERRA
Z20	4	1952	85.000	1 2 O1	2.000 1.500 4.000	x x x	2.900 3.700 3.200	SWN30084ZZ 777	12033-82W01	
Y44E	8	4414	92.000	1 2 O1	2.000 2.500 4.000	x x x	3.100 4.000 3.300	SWN30078ZZ 777 All Plt	12033-F1100 12033-F1110 12033-F2700	
Z18	4	1770	85.000	1 2 O1	2.000 2.000 4.000	x x x	3.900 4.100 3.250	SWN30050ZZ DISCONTINUED 777 All Plt	12033-N9700 12033-W1600	
Z18P	4	1770	85.000	1 2 O1	2.000 2.000 4.000	x x x	2.900 3.700 3.250	SWN30081ZZ 777 All Plt	12033-W4110	
Z20	4	1952	85.000	1 2 O1	2.000 1.500 4.000	x x x	2.900 3.700 3.200	SWN30084ZZ 777	12033-82W01	
Z20E	4	1952	85.000	1 2 O1	1.500 1.500 4.000	x x x	3.600 3.600 3.250	SWN30061ZZ SWN30086ZY 777	12033-N8510 12033-N8520	
Z20 Z20E Z20S	4	1952	85.000	1 2 O1	1.500 1.500 4.000	x x x	3.100 3.700 3.200	SWN30086ZY 777 All Plt	12033-24G00 12033-N8510 12033-N8520	200SX 510 720 PICKUP
Z22 Z22E Z22S	4	2187	87.000	1 2 O1	1.500 1.500 4.000	x x x	3.100 3.800 3.250	SWN30054ZZ 777 All Plt	12033-06W10 12033-06W20 12033-D8500	200SX 720 PICKUP
Z24	4	2389	89.000	1 2 O1	1.500 1.500 4.000	x x x	3.300 3.900 3.250	SWN30059ZZ 777 All Plt	12033-10W00 12033-21G00 12033-30W10	720 PICKUP
Z24 Z24i	4	2389	89.000	1 2 O1	2.000 1.500 4.000	x x x	3.100 3.900 3.200	SWN30085ZZ 777 All Plt	12033-13G10 12033-21G00 12033-83W00	720 PATHFINDER PICKUP VAN (Forklift)

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
AD3	6	4169	96.000	1	2.500	x	4.000	SDN31052ZZ	12033-06J10	
					2.000	x	4.000	SDN31052ZX	12033-06J11	
					O1 4.000	x	4.150	555		
AD3	6	4169	96.000	1	2.500	x	3.650	SDN31052ZZ	12033-06J00	
					2.000	x	4.000	SDN31052ZX	12033-06J01	
					O1 4.000	x	4.350	555 SS999		
AD5	4	3153	99.200	1	2.500	x	3.700	SDN30152ZZ	12033-2S610	
					2.000	x	4.100	SDN30152ZX		
					O1 3.000	x	3.250	555		
BD30	4	2953	96.000	1	2.500	x	3.650	SDN30150ZZ	12033-54T10	
					2.000	x	4.000	SDN30150ZX		
					O1 4.000	x	4.350	555 SS999		
CD17	4	1700	80.000	1	1.750	x	3.300	SDN30088ZZ	12033-16A00	SENTRA
					2.000	x	3.300	SDN30088ZX	12033-16A10	
					O1 3.000	x	2.500	555		
CD17	4	1700	80.000	1	1.750	x	2.850	SDN30088ZZ	12033-16A00	SENTRA
					2.000	x	3.300	SDN30088ZX	12033-16A10	
					O1 3.000	x	3.250	555 SS999		
CD20	4	1952	84.500	1	2.000	x	3.100	SDN30133ZZ	12033-57J00	
					2.000	x	3.500	SDN30133ZX		
					O1 3.000	x	3.250	555		
ED6	6	5654	100.000	1	3.000	x	4.200	SDN31016ZZ	12040-Z5027	
					2.000	x	4.200	SDN31016ZX		
					3.000	x	4.200	555		
					O1 4.500	x	4.500			
ED30	4	2956	98.000	1	3.000	x	4.200	SDN31015ZZ	12033-J2002	
					2.000	x	4.300	SDN31015ZX	12033-J2004	
					3.000	x	4.300	555	12033-J2006	
					O1 4.500	x	4.250		97011-02139	
ED30	4	2956	98.000	1	3.000	x	4.200	SDN30148ZZ	12033-J5576	
					2.000	x	3.900	SDN30148ZX		
					O1 4.500	x	4.400	555		
ED33	4	3928	100.000	1	3.000	x	4.200	SDN31025ZZ	12033-J6500	
					2.000	x	4.200	SDN31025ZX	12033-J6501	
					O1 4.500	x	4.500	555	12033-T9000	
								All Plt	12033-Z5004	
ED33	4	3928	100.000	1	2.000	x	4.000	SDN31050ZZ	12033-T9304	
					2.000	x	4.200	SDN31050ZX	12033-T9306	
					O1 4.000	x	4.050	555	12033-W4200	
ED35	4	3465	102.500	1	3.000	x	3.650	SDN31051ZZ	12033-56T10	
					2.000	x	4.200	SDN31051ZX		
					O1 4.000	x	4.150	555		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
NISSAN DIESEL ENGINE											
FD6	6	5654	100.000	1	3.000	x	4.200	SDN31016ZZ	12040-Z5001		
					2	2.000	x				4.200
					3	2.000	x				4.200
					O1	4.500	x				4.500
								555	12040-Z5025		
									12040-Z5026		
FD6T	6	5654	100.000	1	3.000	x	4.200	SDN31020ZZ	12040-Z5501		
					2	2.000	x				4.200
					3	2.000	x				4.200
					O1	4.500	x				4.500
								555	12040-Z5525		
								1st-KS	12040-Z5526		
								All Plt			
FD6T	6	5654	100.000	1	3.000	x	4.200	SDN31021ZZ	12033-Z5502		
					2	2.000	x				4.200
					3	2.000	x				4.200
					O1	4.500	x				4.500
								555	12033-Z5527		
								1st-HKS			
								All Plt			
FD6	6	5654	100.000	1	3.000	x	4.200	SDN31029ZZ	12040-Z5028		
					2	2.000	x				4.200
					O1	4.500	x				4.500
								All Plt			
FD6T	6	5654	100.000	1	3.000	x	4.200	SDN31026ZZ	12033-Z5504		
					2	2.000	x				4.200
					O1	4.500	x				4.500
								1st-HKS			
								All Plt			
FD33T	4	3298	100.000	1	3.000	x	4.200	SDN31032ZZ	12033-T9307		
					2	2.000	x				4.200
					O1	4.500	x				4.500
FD35	4	3465	102.500	1	2.000	x	3.900	SDN31045ZZ	12033-01T10		
					2	2.000	x				4.200
					O1	4.000	x				4.150
FD35	4	3465	102.500	1	2.000	x	3.650	SDN31045ZX	12033-01T10		
					2	2.000	x				4.200
					O1	4.000	x				4.350
								SS999			
FD35T	4	3465	102.500	1	2.000	x	4.200	SDN31057ZZ	12033-01T60		
					2	2.000	x				4.200
					O1	4.000	x				4.350
FD46	4	4617	108.000	1	3.000	x	4.050	SDN31064ZX	12033-0T010	CONDOR	
					2	2.000	x				4.500
					O1	4.000	x				4.400
								SS999			
FE6	6	7000	108.000	1	3.000	x	4.300	SDN31044ZZ	12040-Z5504		
					2	2.000	x				4.500
					O1	4.000	x				4.150
								555			
FE6	6	7000	108.000	1	3.000	x	4.050	SDN31044ZX	12040-Z5504		
					2	2.000	x				4.500
					O1	4.000	x				4.400
								SS999			
FE6 FE6T	6	7000	108.000	1	3.000	x	4.300	SDN31036ZY	12040-Z5505		
					2	2.000	x				4.500
					O1	4.000	x				4.150
								1st-KS			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
NISSAN DIESEL ENGINE										
FE6 FE6T	6	7000	108.000	1 2 O1	3.000 2.000 4.000	x	4.300 4.500 4.400	SDN31036ZX SDN31036ZY 555 SS999	12040-Z5505	
FE6TA	6	7000	108.000	1 2 O1	2.500 2.000 4.000	x	3.700 4.500 4.400	SDN31054ZZ 555	12040-Z5603 12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564	
FM6T	6		105.900	1 2 O1	2.500 2.000 4.000	x	3.700 4.500 4.350	SDN31061ZZ DISCONTINUED 555	12033-Z5508	
GE13TD	6	13074	136.000	1 2 O1	2.500 2.000 3.000	x	3.700 3.700 3.000	SDN31063ZZ 555	12040-00Z07	
LD20	4	1952	85.000	1 2 O1	2.000 2.000 4.000	x	3.500 3.500 4.100	SDN30098ZZ SDN30098ZX 555	12033-W1700	
LD20	4	1952	85.000	1 2 O1	2.000 2.000 4.000	x	3.050 3.500 4.100	SDN30098ZX 555 SS999	12033-W1700	
LD23	4		87.000	1 2 O1	2.000 2.000 3.000	x	3.500 3.400 3.300	SDN30145ZZ 555	12033-9C625	
LD28	6	2792	84.500	1 2 O1	2.000 2.000 4.000	x	3.500 3.500 4.100	SDN30067ZZ 555	12033-60L00 12033-V0700	810 MAXIMA
MD92TCI	6		125.000	1 2 O1	2.500 2.000 3.000	x	4.350 4.300 3.100	SDN31053ZY 555	12040-Z6002	
ND6 For industrial machine.	6	6842	110.000	1 2 O1	4.000 3.000 5.000	x	4.400 4.400 4.700	SDN31006ZZ 555 2nd-IC	12040-95004 12040-95006 12040-90127	
ND6T	6	6842	110.000	1 2 O1	4.000 3.000 5.000	x	4.400 4.400 3.500	SDN31017ZZ 555	12040-90326	
NE6	6	7000	110.000	1 2 O1	3.000 2.500 4.000	x	4.000 4.000 4.200	SDN31031ZZ SDN31031ZX 555 1st-HKS	12040-95012 12040-95013 12040-95014 12040-95029	
NE6	6	7000	110.000	1 2 O1	3.000 2.500 4.000	x	4.050 4.000 4.350	SDN31031ZX 555 SS999	12040-95012 12040-95013 12040-95014 12040-95029	
NS6TA	6	9160	120.000	1 2 O1	3.000 2.500 4.000	x	4.100 4.800 4.400	SDN31060ZZ 555	12040-95501	CV32

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
NISSAN DIESEL ENGINE										
PD6	6	10308	125.000	1	5.000	x	5.200	SDN31007ZZ	12040-90026	
				2	3.500	x	5.200	SDN31007ZX	12040-90029	
				O1	5.000	x	5.500	555	12040-90125 12040-96000 12040-96004 12040-96007 12040-96009 12040-96026 12040-96127 12040-96226	
PD6	6	10308	125.000	1	5.000	x	5.200	SDN31007ZX	12040-90026	
				2	3.500	x	5.200	555 SS999	12040-90029	
				O1	5.000	x	4.950		12040-90125 12040-96000 12040-96004 12040-96007 12040-96009 12040-96026 12040-96127 12040-96226	
PD6T	6	10308	125.000	1	4.000	x	5.200	SDN31012ZZ	12040-90228	
				2	3.500	x	5.200	SDN31012ZX	12040-96005	
				O1	5.000	x	3.800	555 1st-KS	12040-96005 12040-96010 12040-96125 12040-96129	
PD6T	6	10308	125.000	1	4.000	x	5.200	SDN31012ZX	12040-90228	
				2	3.500	x	5.200	555 SS999	12040-96005	
				O1	5.000	x	4.950		12040-96005 12040-96010 12040-96125 12040-96129	
PDT	6	10308	125.000	1	4.000	x	5.000	SDN31042ZZ	12040-96013	
				2	3.500	x	5.200	555 1st-HKS All Plt		
				O1	5.000	x	4.800			
PE6	6	11670	133.000	1	4.000	x	5.200	SDN31011ZZ	12040-90225	
				2	3.500	x	5.400	555 1st-KS	12040-90227	
				O1	6.000	x	5.700		12040-96028 12040-96128 12040-96500 12040-96503	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
NISSAN DIESEL ENGINE										
PE6T	6	11670	133.000	1	4.000	x	5.300	SDN31022ZZ	12040-96225	
				2	3.500	x	5.500			
				O1	6.000	x	5.700			
								555	12040-96228	
								1st-HKS	12040-96504	
								All Plt	12040-96509	
									12040-96510	
									12040-96512	
									12040-96513	
PE6T	6	11670	133.000	1	3.000	x	5.200	SDN31041ZZ	12040-96517	
				2	2.500	x	5.500			
				O1	4.000	x	4.150			
								555		
PF6	6	13000	133.000	1	2.500	x	4.700	SDN31048ZZ	12040-96570	
				2	2.500	x	5.500			
				O1	4.000	x	4.050			
								555	12040-96566	
									12040-96564	
QD32NA	4	3153	99.200	1	2.500	x	3.700	SDN30152ZZ	12033-2S610	
				2	2.000	x	4.100			
				O1	3.000	x	3.250			
								555		
QD32	4	3153	99.200	1	2.500	x	3.800	SDN30164ZZ	12033-1W411	
				2	2.000	x	4.100			
				O1	3.000	x	3.250			
								555		
RD8	8	14313	135.000	1	4.000	x	5.100	SDN31013ZY	12040-90325	
				2	3.000	x	5.500			
				O1	6.000	x	5.700			
								555	12040-97007	
									12040-97008	
									12040-97025	
									12040-97026	
									12040-97028	
									12040-97126	
									12040-97179	
									12040-97226	
									12040-97228	
RD8T	8	14313	135.000	1	4.000	x	5.500	SDN31018ZZ	12040-97008	
				2	3.000	x	5.500			
				O1	6.000	x	5.700			
								555	12040-97128	
								1st-KS		
RD10	10	14313	135.000	1	4.000	x	5.100	SDN31014ZZ	12040-90229	
				2	3.000	x	5.500			
				O1	6.000	x	5.700			
								555	12040-97007	
									12040-97025	
									12040-97125	
									12040-97127	
									12040-97227	
RD10T	10	14313	135.000	1	4.000	x	5.500	SDN31019ZZ	12040-97008	
				2	3.000	x	5.500			
				O1	6.000	x	5.700			
								555	12040-97129	
								1st-KS		
RE8	8	14313	135.000	1	3.000	x	5.100	SDN31033ZZ	12040-97074	
				2	3.000	x	5.500			
				O1	5.000	x	4.950			
								555		
RE10	10	18894	135.000	1	3.000	x	5.100	SDN31058ZZ	12040-97075	
				2	3.000	x	5.500			
				O1	5.000	x	4.950			
								555		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
NISSAN DIESEL ENGINE											
RF	10	16991	138.000	1	2.500	x	4.900	SDN31043ZZ	12040-97078		
				2	2.500	x	5.600	555			
				O1	4.000	x	4.400				
RF8	8	16991	138.000	1	2.500	x	5.200	SDN31034ZZ	12040-97072		
				2	2.500	x	5.600	555			
				O1	4.000	x	4.650				
RG8	8	17991	142.000	1	3.000	x	4.700	SDN31059ZZ	12040-97107		
				2	2.500	x	5.800	555			
				O1	4.000	x	4.350				
RH8 RH10	1	21205	150.000	1	3.000	x	4.700	SDN31055ZZ	12040-97105		
				2	2.500	x	5.600	YDN31005ZZ	12040-97106		
				O1	4.000	x	4.350	555			
SD15	3	1500	83.000	1	2.500	x	3.500	SDN31030ZZ	12033-Z7007		
				2	2.000	x	3.400	555 All Plt			
				O1	4.500	x	3.900				
SD15	3	1500	83.000	1	2.500	x	3.500	SJN31024ZZ	12033-Z7003	(Forklift)	
SD16	3	1600		2	2.000	x	3.400	Mt.555 All Plt			
				3	2.000	x	3.400				
SD16	3	1600	83.000	1	2.500	x	3.500	SDN31030ZZ	12033-Z7007		
				2	2.000	x	3.400	555 All Plt			
				O1	4.500	x	3.900				
SD20	4	1991	83.000	1	2.500	x	3.300	SJN31003ZZ	12033-37500		
				2	2.000	x	3.400	Mt.555	12033-76201		
				3	2.000	x	3.400		12033-76202		
				O1	4.500	x	3.900		12033-76203		
				O2	4.500	x	3.400		12033-76204		
									12033-V1310		
									12033-Y1400		
				1	2.500	x	3.500		SJN31003ZZ		12033-Y1400
				2	2.000	x	3.400		SJN31003ZZ		12033-Y1401
				3	2.000	x	3.400		555		12033-Y1402
				O1	4.500	x	3.900		SS999		12033-Y1403
				O2	4.500	x	3.400				12033-Y1404
					12033-Y1410						
					12033-Y3010						
SD22	4	2164	83.000	1	2.500	x	3.500	SDN31027ZZ	12033-R8100	720 CABAL JUNIOR PICKUP (Forklift)	
				2	2.000	x	3.400	555 All Plt	12033-R8103		
				O1	4.500	x	3.900		12033-R8104		
									12033-R8110		
					12033-R8112						
					12033-R8114						

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME			
NISSAN DIESEL ENGINE													
SD22	4	2164	83.000	1	2.500	x	3.300	SJN31003ZZ Mt.555	12033-37500 12033-76201 12033-76202 12033-76203 12033-76204 12033-V1310 12033-Y1400 12033-Y1400	CABAL JUNIOR (Forklift)			
					2	2.000	x				3.400		
					3	2.000	x				3.400		
					O1	4.500	x				3.900		
					O2	4.500	x				3.400		
					1	2.500	x				3.050	SDN31003ZX	12033-Y1400
						2	2.000				x	3.400	DISCONTINUED
						3	2.000				x	3.400	555
						O1	4.500				x	3.900	SS999
						O2	4.500				x	3.400	12033-Y1401 12033-Y1402 12033-Y1403 12033-Y1404 12033-Y1410 12033-Y3010
SD23	4	2289	89.000	1	2.500	x	3.700	SDN31023ZZ	12033-L2000 12033-L2002	720 CEDRIC PICKUP (Forklift)			
					2	2.000	x				3.700		
SD25		2488		O1	4.500	x	4.200	555 All Plt	12033-L2003 12033-L2004 12033-L2005 12033-L2006				
SD33 SD33T	6	3246	83.000	1	2.500	x	3.500	SJN31004ZZ Mt.555	12033-61500 12033-61502 12033-61503 12033-J2201 12033-J2202 12033-J2203 12033-J2204				
					2	2.000	x				3.400		
					3	2.000	x				3.400		
					O1	4.500	x				3.900		
					O2	4.500	x				3.500		
SD33T	6	3246	83.000	1	2.500	x	3.500	SDN31028ZZ	12033-C8704				
					2	2.000	x				3.500		
					O1	4.000	x				4.000		
TD23	4	2289	89.000	1	2.500	x	3.700	SDN31037ZZ	12033-02N00 12033-02N10				
					2	2.000	x				3.700		
					O1	4.000	x				4.150		
TD25	4	2494 2500	92.900	1	2.500	x	4.000	SDN31038ZZ	12033-44G10				
					2	2.000	x				4.000		
					O1	4.000	x				4.150		
TD25-2	4	2494 2500	92.900	1	2.500	x	3.450	SDN30146ZZ	12033-5T116				
					2	2.000	x				4.000		
					O1	3.000	x				3.250		
TD27	4	2663	96.000	1	2.500	x	4.000	SDN31035ZZ	12033-43G11				
					2	2.000	x				4.000		
					O1	4.000	x				4.150		
TD27	4	2663	96.000	1	2.500	x	3.650	SDN31035ZX	12033-43G11				
					2	2.000	x				4.000		
					O1	4.000	x				4.350		
								555 SS999					

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
NISSAN DIESEL ENGINE											
TD27	4	2663	96.000	1	2.500	x	3.650	SDN31056ZZ	12033-6T010		
					2	2.000	x	4.000			555
					O1	3.000	x	3.250			
TD27T	4	2663	96.000	1	2.500	x	3.500	SDN30147ZZ	12033-37N10		
					2	2.000	x	4.000			555
					O1	4.000	x	4.350			
TD27T2	4	2663	96.000	1	2.500	x	3.700	SDN30165ZZ			
					2	2.000	x	4.000			SDN30153ZZ
					O1	3.000	x	3.250			
TD42	6	4169	96.000	1	2.500	x	4.000	SDN31052ZZ	12033-06J00		
					2	2.000	x	4.000	SDN31052ZX		12033-06J01
					O1	4.000	x	4.150	555		
TD42	6	4169	96.000	1	2.500	x	3.650	SDN31052ZX	12033-06J00		
					2	2.000	x	4.000	555		
					O1	4.000	x	4.350			SS999
TD42T	6	4169	96.000	1	2.500	x	3.500	SDN30156ZZ	12033-DY712		
					2	2.000	x	4.000			555
					O1	3.000	x	3.250			
TD42T	6	4169	96.000	1	2.500	x	4.000	SDN30187ZZ	12033-06J15		
					2	2.000	x	4.000			555
					O1	3.000	x	3.250			
TD42T	6	4169	96.000	1	2.500	x	3.700	SDN30167ZZ	12033-05D01		
					2	2.000	x	4.000			DISCONTINUED
					O1	4.000	x	3.950			
UD3	3	3076	110.000	1	3.000	x	4.450	SDN31005ZZ	12040-90008		
UD4	4	4941		2	3.000	x	4.450	YDN31005ZZ			
UD5	5	6177		3	3.000	x	4.200				
UD6	6	7413		4	3.000	x	4.200				
UD8	8	9882		O1	4.800	x	4.800				
UD12	12	14825		O2	4.800	x	4.800				
ZD30E	4		96.000	1	2.500	x	3.500		SDN30153ZZ	12033-2W211	
					2	2.000	x	4.000	555		
					O1	3.000	x	3.250			
ZD30T	4		96.000	1	2.500	x	3.700	SDN30174ZZ	12033-VK610		
					2	2.000	x	4.000			555
					O1	2.000	x	2.000			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
SUBARU GASOLINE ENGINE											
21Z	4		92.000	1	1.200	x	3.270	SWF20063ZZ	12033-AB820		
					2	1.200	x	3.700			777
					O1	2.000	x	2.700			
66L	4	1994	92.000	1	1.200	x	3.270	SWF20060ZZ	12033-AB100		
					2	1.200	x	3.700	777		12033-AB070
					O1	2.500	x	2.800			
69H	4	1994	92.000	1	1.200	x	3.270	SWF20062ZZ	12033-AB160		
					2	1.200	x	3.700	777		12033-AB220
					O1	2.500	x	2.800			
E42	2	700	78.000	1	1.200	x	3.000	SWF20052ZZ	48003-5600		
					2	1.500	x	3.300	777		48003-5610
					O1	2.800	x	3.150			
EA61 E61S	4	1088	76.000	1	2.000	x	3.600	SXF20007ZZ	88003-6100		
					2	2.000	x	3.600	DISCONTINUED Mt.777		
					O1	4.000	x	3.250			
EA62 E62S	4	1267	82.000	1	2.000	x	3.800	SWF20010ZZ	88003-8600	1300	
					2	2.000	x	3.600	777	FF-1 1300G	
					O1	4.000	x	3.800			
EA63 E63S	4	1361	85.000	1	2.000	x	3.900	SWF20014ZZ	38003-0110	LEONE 1400	
					2	2.000	x	3.900	777	LEONE 1600	
					O1	4.000	x	3.250			
EA65	4	1298	83.000	1	1.200	x	3.300	SWF20032ZZ	48003-7010		
					2	1.500	x	3.600	777		
					O1	4.000	x	3.600			
EA71	4	1595	92.000	1	2.000	x	4.000	SWF20017ZZ	38003-4300	BRAT	
					2	2.000	x	4.000	777	DL	
					O1	4.000	x	3.900		FE	
									GF		
										GL	
										GLF	
										LEONE 1600	
EA71	4	1595	92.000	1	1.200	x	4.000	SWF20039ZZ	48003-7100	BRAT	
EA81	4	1781		2	1.500	x	4.000	SWF20057ZZ		DL	
											O1
										LEONE 1800	
EA82	4	1781	92.000	1	1.200	x	3.300	SWF20057ZZ	12033-AA000	BRAT	
					2	1.500	x	3.700	777	DL	
					O1	4.000	x	3.650		GL	
										GL-10	
										LEONE 1800	
										LOYALE	
										RX	
										XT	
										XT-6	
EF10	3	1000	78.000	1	1.200	x	3.000	SWF20054ZZ	48003-5800	JUSTY	
EF12	3	1189		2	1.500	x	3.400				
											O1

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
EJ18	4	1820	87.900	1	1.200	x	3.100	SWF20043ZZ	12033-AA090	IMPREZA
				2	1.500	x	3.600			
				O1	3.000	x	2.350	777		
EJ20	4	1994	92.000	1	1.200	x	3.300	SWF20051ZZ	12003-AA640	
				2	1.500	x	3.700			
				O1	3.000	x	3.100	777		
EJ20	4	1994	92.000	1	1.500	x	3.300	SWF20044ZZ	12003-AA610	
				2	1.500	x	3.700			
				O1	3.000	x	3.100	777		
EJ20	4	1994	92.000	1	1.200	x	3.270	SWF20062ZZ	12033-AB190	IMPREZA
				2	1.200	x	3.700	SWF20060ZZ		
				O1	2.500	x	2.800	777		
EJ22	4	2212	96.900	1	1.200	x	3.300	SWF20045ZZ	12033-AA210	IMPREZA LEGACY OUTBACK H4
				2	1.500	x	3.900			
				O1	3.000	x	2.550	777		
EJ22	4	2212	96.900	1	1.200	x	3.300	SWF20067ZZ	12033-AA390	LEGACY TURBO
				2	1.500	x	3.900			
				O1	3.000	x	2.550	777		
EJ25	4	2457	99.500	1	1.200	x	3.450	SWF20064ZZ	12033-AA760	FORESTER IMPREZA LEGACY
				2	1.500	x	4.000			
				O1	2.800	x	3.150	777		
EJ25	4	2457	99.500	1	1.200	x	3.450	SWF20066ZZ	12033-AB010	BAJA FORESTER IMPREZA LEGACY OUTBACK H4
				2	1.200	x	4.000			
				O1	2.500	x	2.800	777		
EJ257	4	2457	99.500	1	1.200	x	3.450	SWF20068ZZ	12033-AB340	WRX Sti
				2	1.200	x	4.000			
				O1	2.000	x	2.700	777		
EJ33	6	3318	96.900	1	1.500	x	3.300	SWF20058ZZ	12033-AA450	SVX
				2	1.500	x	3.900	DISCONTINUED		
				O1	3.000	x	3.300	777		
EK22	2	490	74.000	1	1.500	x	3.400	SWF20022ZZ	48003-1300	
				2	1.500	x	3.400	DISCONTINUED		
				O1	2.800	x	2.800	777		
EK23	2	550	76.000	1	1.500	x	3.400	SWF20023ZZ	48003-5400	
				2	1.500	x	3.400			
				O1	2.800	x	3.250	777		
EK23	2	544	76.000	1	1.200	x	3.100	SWF20053ZZ	48003-5500	
				2	1.500	x	3.400	DISCONTINUED		
				O1	2.800	x	3.150	777		
EZ30	6	2999	89.200	1	1.200	x	3.050	SWF20070ZZ	12033-AB130	OUTBACK H6
				2	1.200	x	3.600			
				O1	2.500	x	2.900	777		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
SUZUKI GASOLINE ENGINE											
E12	4	1590	75.000	1	1.200	x	2.700	SWS20190ZZ	12140-61G50		
					2	1.200	x				3.000
					O1	2.500	x				2.450
								777			
F5A	3	543	62.000	1	1.500	x	2.800	SWS20138ZZ	12140-73000		
					2	1.500	x				2.800
					O1	2.800	x				2.850
								777			
F5A	4	543	62.000	1	1.200	x	2.250	SWS20153ZZ	12140-85050		
					2	1.200	x				2.500
					O1	2.800	x				2.850
								777			
F5A	3	543	62.000	1	1.200	x	2.250	SWS20184ZZ	12140-85050		
					2	1.200	x				2.500
					O1	2.800	x				2.850
								777			
F6A	3	657	65.000	1	1.200	x	2.300	SWS20128ZZ	12140-51E50		
					2	1.200	x				2.700
					O1	2.500	x				2.500
								777			
F8A	4	797	62.000	1	1.500	x	2.800	SWS20098ZZ	12140-73010		
					2	1.500	x				2.800
					O1	2.800	x				2.850
								777			
F8A	4	797	62.000	1	1.200	x	2.250	SWS20153ZZ	12140-85050		
					2	1.200	x				2.500
					O1	2.800	x				2.850
								777			
F8A	3	797	62.000	1	1.200	x	2.250	SWS20184ZZ	12140-85050		
					2	1.200	x				2.500
					O1	2.800	x				2.850
								777			
F10A	4	970	65.500	1	1.500	x	2.650	SWS20106ZZ	12140-75110 12140-75111	JIMNY	
					2	1.500	x				2.700
					O1	2.800	x				2.750
								777			
G10	3	993	74.000	1	1.200	x	2.850	SWS20131ZZ	12140-82050		
					2	1.500	x				3.200
					O1	2.800	x				2.800
								777			
G10	3	993	74.000	1	1.200	x	2.850	SWS20144ZZ	12140-82161		
					2	1.500	x				3.200
					O1	2.800	x				2.800
								777			
G10	4	1000	72.000	1	1.200	x	2.700	SWS20209ZZ	12140-72F00		
					2	1.500	x				3.200
					O1	2.800	x				2.800
								777			
G13 G13A	4	1300	74.000	1	1.200	x	2.850	SWS20141ZZ	12140-82051 12140-82X50	SAMURAI	
					2	1.500	x				3.200
					O1	2.800	x				2.800
								777			
G13BA G13K	4	1298	74.000	1	1.200	x	2.900	SWS20143ZZ	12140-82X50	SAMURAI SIDEKICK SWIFT	
					2	1.500	x				3.200
					O1	2.800	x				2.000
								777			
G13BA	3	1298	74.000	1	1.200	x	2.700	SWS20185ZZ	12140-63E50	SWIFT	
					2	1.200	x				3.200
					O1	2.800	x				2.850
								777			
G13BA	4	1298	74.000	1	1.200	x	2.700	SWS20186ZZ	12140-63E50	SWIFT	
					2	1.200	x				3.200
					O1	2.800	x				2.850
								777			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESSION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
SUZUKI GASOLINE ENGINE										
G16 G16KC G16KV	4	1590 1600	75.000	1 2 O1	1.200 1.500 2.800	x x x	2.700 3.200 2.800	SWS20142ZZ 777	12140-60A50 12140-61G50	SIDEKICK ESTEEM VITARA X-90
G16U	4	1590	75.000	1 2 O1	1.200 1.200 2.500	x x x	2.700 3.000 2.450	SWS20190ZZ 777	12140-61G50	
H25A	6	2494	84.000	1 2 O1		x x x		NA 777	-	GRAND VITARA
H27A	6	2737	88.000	1 2 O1	1.200 1.200 2.000	x x x	3.300 3.300 2.850	SWS20210ZZ 777	12140-52D00	XL-7
J18A J20A	4 4	1840 1995	84.000	1 2 O1	1.200 1.500 2.500	x x x	2.900 3.550 2.850	SWS20178ZZ 777	12140-86FA0	AERIO ESTEEM GRAND VITARA SIDEKICK VITARA
K6A	3	658	68.000	1 2 O1	1.000 1.200 2.000	x x x	2.250 2.500 2.300	SWS20200ZZ 777		ALTO JIMNY KEI
K6A	4	658	68.000	1 2 O1	1.000 1.200 2.000	x x x	2.250 2.500 2.300	SWS20206ZZ 777	112140-73G01-000	
K12A	1		71.000	1 2 O1	1.000 1.200 2.000	x x x	2.500 2.800 2.500	YWS20169ZZ 777	12140-75F30-000	
K12A	4		71.000	1 2 O1	1.000 1.200 2.000	x x x	2.500 2.800 2.500	SWS20205ZZ 777	12140-75F30-000	
KL5J	4	1998	86.100	1 2 O1		x x x		NA 777	-	FORENZA
KL5V	6	2492	77.000	1 2 O1		x x x		NA 777	-	VERONA
L50	2	360	61.000	1 2 O1	2.000 2.000 2.000	x x x	2.200 2.200 2.200	SMS20050ZZ 300X	12140-63850 12140-67811	
L60	2	550	68.000	1 2	1.200 2.000	x x	2.650 2.600	SBS20079ZZ 300 1st-HKS 2nd-HKS	12140-67820	
M13A	4	1328	78.000	1 2 O1	1.200 1.500 2.800	x x x	2.850 3.200 2.600	SWS20199ZZ 777		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESSION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
SUZUKI GASOLINE ENGINE										
M15A	4	1490	78.000	1 2 O1	1.200 1.200 2.500	x x x	2.850 3.300 2.850	SWS20196ZZ 777		
SR413	3	1298	74.000	1 2 O1	1.200 1.200 2.500	x x x	2.700 3.200 2.850	SWS20185ZZ 777	12140-63E50	SWIFT
SR413	4	1298	74.000	1 2 O1	1.200 1.200 2.500	x x x	2.700 3.200 2.850	SWS20186ZZ 777	12140-63E50	SWIFT
SS80	3	800	68.500	1 2 O1	1.500 1.500 2.800	x x x	2.800 2.800 2.800	SWS20120ZZ 777	12140-78410 12140-78411	
ST20 ST30	3	539	61.000	1 2	1.200 2.000	x x	2.450 2.600	SBS20078ZZ 300 1st-HKS 2nd-HKS	12140-63871 12140-67011	
Y3AB	3	-	62.000	1 O1	1.500 2.800	x x	2.500 2.750	SWS20121ZZ 777	12140-84010	
Y64 Y65	3	800	68.500	1 2 O1	1.500 1.500 2.800	x x x	2.800 2.800 2.800	SWS20120ZZ 777	12140-78410 12140-78411	
Y134	3	356	52.000	1 2	2.500 2.000	x x	2.100 2.100	SMS20045ZZ DISCONTINUED 300X 1st-HKS 2nd-HKS	12140-70013	
YF1	3	066	65.000	1 2 O1	1.000 1.200 2.000	x x x	2.300 2.700 2.500	SWS20451ZZ DISCONTINUED 777	12140-70G00	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
TOYOTA GASOLINE ENGINE										
1A 1AC	4	1452	77.500	1 2 O1	1.500 1.500 2.800	x x x	3.300 3.400 2.800	SWT40078ZZ SWT10078ZX 777	13011-15010 13011-15011 13011-15020 13011-15021 13011-15031	TERCEL
1A 1AC	4	1452	77.500	1 2 O1	1.500 1.500 2.800	x x x	2.850 3.400 2.850	SWT10078ZX 777 SS999	13011-15010 13011-15011 13011-15020 13011-15021 13011-15031	TERCEL
1AZ 1AZFE	4	1998	86.000	1 2 O1	1.200 1.200 3.000	x x x	2.900 2.900 2.750	SWT10176ZY 777	13011-28130	RAV4
1C 1CL	4	1839	83.000	1 2 O1	2.000 2.000 3.000	x x x	3.100 3.500 3.250	SWT10110ZZ 777		COROLLA
1CLC 1CLTC	4	1839	83.000	1 2 O1	2.000 2.000 3.000	x x x	3.600 3.800 4.000	SDT40084ZZ SDT10081ZX 555	13011-64070	
1EL	4	1000	70.500	1 2 O1	1.500 1.500 3.000	x x x	2.700 2.900 3.050	SWT10104ZZ 777 1st-IB	13011-10080	
1F 1FZFE	6	4476 4477	100.000	1 2 O1	2.000 2.000 4.000	x x x	3.500 3.800 3.300	SWT10168ZZ 777	13011-66020	LANDCRUSIER
1ZFTE	6	4476 4477	100.000	1 2 O1	1.750 2.000 4.000	x x x	3.700 3.800 3.300	SWT10184ZZ 777	13011-66021	LX450 LANDCRUISER
1G	6	1988	75.000	1 2 O1	1.500 1.500 3.000	x x x	3.250 3.400 4.000	SWT10073ZZ 777	13011-70010	
1GE	6	1988	75.000	1 2 O1	1.500 1.500 4.000	x x x	3.250 3.400 3.000	SXT40073ZZ DISCONTINUED Mt.777	13011-70030	
1GFE	6	1988	75.000	1 2 O1	1.200 1.200 3.000	x x x	2.500 2.800 2.800	SWT10170ZZ 777	13011-70110	
1GG	6	1988	75.000	1 2 O1	1.200 1.500 4.000	x x x		SWT10218ZZ DISCONTINUED 777	13011-70040 13011-70061 13011-70070	
1GGEU	6	1988	75.000	1 2 O1	1.200 1.500 2.800	x x x		SDT10212ZZ DISCONTINUED 777	13011-88300	
1GR	6	3956	94.000	1 2 O1	1.200 1.200 2.000	x x x	3.250 3.400 2.800	SWT10195ZZ 555		
1JZ	6	2500	86.000	1 2 O1	1.500 1.500 4.000	x x x	3.250 3.600 2.800	SWT40216ZZ DISCONTINUED 777	13011-46030	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
1M 1MZFE	6	2959	87.500	1 2 O1	1.200 1.200 3.000	x x x	2.900 3.300 2.850	SWT10177ZZ 777	13011-20020 13011-20022	AVALON CAMRY ES300 RX300
1MZFE	6	2959	87.500	1 2 O1	1.200 1.200 3.000	x x x	2.900 3.300 2.850	SWT10177ZZ 777	13011-0A010 13011-0A020	AVALON CAMRY CAMRY SOLALA HIGHLANDER SIENNA ES300 RX300
1NT	4	1453	74.000	1 2 O1	1.500 1.500 3.000	x x x	2.700 3.200 2.800	SWT10117ZZ 777	13011-55010 13011-55011	
1NZFE	4	1496	75.000	1 2 O1	1.200 1.200 2.000	x x x	2.500 2.800 2.200	SWT10192ZZ 777	13011-21040	ECHO xA = IOS xB = BB
1NZFXE	4	1496	75.000	1 2 O1		x x x		NA 777	13011-21070	PRIUS CONCEPT
1RE	4	1998	86.000	1 2 O1	1.750 1.500 4.000	x x x	3.300 3.600 3.250	SWT10125ZZ 777	13011-75020	
1RZ	4	1998	86.000	1 2 O1	1.750 1.500 4.000	x x x	3.300 3.600 3.250	SWT10125ZZ 777	13011-75020	
1SL 1SU	4	1832	80.500	1 2 O1	1.500 1.500 4.000	x x x	3.300 3.650 3.250	SWT10080ZZ 777 1st-SPRYD	13011-63010 13011-63011 13011-63020 13011-63030 13011-63031	
1SZ	4	997	69.000	1 2 O1	1.200 1.200 2.000	x x x	2.250 2.800 2.200	SWT10201ZZ 777	13011-23040	VITZ
1TR	4	1998	86.000	1 2 O1	1.200 1.200 2.000	x x x	2.700 3.100 2.750	SDT10185ZZ 555	13011-75100	
1TR For Leaded Gasoline	4	1998	86.000	1 2 O1	1.200 1.200 2.000	x x x	2.700 3.100 2.750	SDT10185ZZ SDT10185ZZ 555	13011-75120	
1UZFE	8	3969	87.500	1 2 O1	1.500 1.500 3.000	x x x	3.100 3.800 2.850	SWT10147ZZ 777	13011-50040	LS400 SC400
1UZFE	8	3969	87.500	1 2 O1		x x x		NA 777	13011-50080	LS400 SC400
1UZFE	8	3969	87.500	1 2 O1		x x x		NA 777	13011-50110	LS400 SC400

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
TOYOTA GASOLINE ENGINE										
1UZFE	8	3969	87.500	1 2 O1		x		NA 777	13011-50120	GS400 SC400
1Y	4	1626	86.000	1 2 O1	1.500 1.500 4.000	x	3.500 4.000 3.250	SWT10090ZZ SWT10090ZY 777	13011-71010 13011-71020 13011-71030	
1Y	4	1626	86.000	1 2 O1	1.500 1.500 4.000	x	3.500 4.000 3.250	SWT10090ZY 777	13011-72020	
1ZZFE	4	1794	79.000	1 2 O1	1.200 1.200 3.000	x	2.650 3.200 2.550	SWT10183ZZ 777	13011-0D010 13011-22040 13011-22090	CELICA COROLLA MR2 SPYDER
2A	4	1295	76.000	1 2 O1	2.000 2.000 4.000	x	3.700 3.700 3.000	SXT10068ZZ DISCONTINUED Mt.777	13011-14010 13011-14020 13011-14021	TERCEL
2A	4	1295	76.000	1 2 O1	2.000 2.000 4.000	x	3.700 3.700 3.000	SWT10068ZX 777 SS999	13011-14010 13011-14020 13011-14021	TERCEL
2AZFE	4	2362	88.500	1 2 O1	1.200 1.200 2.000	x	2.700 3.100 2.750	SDT10172ZZ 555	13011-28100 13011-28141	
2AZFE	4	2362	88.500	1 2 O1	1.200 1.200 2.000	x	2.700 3.200 2.500	SWT10182ZZ 777	13011-23100 13011-28101	CAMRY CAMRY SOLALA HIGHLANDER RAV4
2AZFSE	4	2362	88.500	1 2 O1	1.200 1.200 2.000	x	2.700 2.900 2.750	SDT10187ZZ DISCONTINUED 555	13011-28180	
2CTL	4	1974	86.000	1 2 O1	2.000 2.000 4.000	x		SWT10146ZZ DISCONTINUED 777	13011-64150	CAMRY
2EL 2ELu	4	1295	73.000	1 2 O1	1.500 1.500 3.000	x	2.700 3.100 2.950	SWT10105ZZ 777	13011-11040 13011-11041 13011-11060 13011-11061	COROLLA
2F	6	4230	94.000	1 2 O1	2.000 2.500 4.000	x	4.200 4.200 3.900	SXT10049ZZ SWT10049ZZ Mt.777 All Plt	13011-61010	LANDCRUISER (Forklift)
2F	6	4230	94.000	1 2 O1	2.000 2.500 4.000	x	4.200 4.200 3.850	SWT10049ZZ 777	13011-76012-71 13011-76012-71	LANDCRUISER (Forklift)
2GR-FSE	6		94.000	1 2 O1	1.200 1.200 2.000	x	2.900 2.900 2.750	SDT10194ZY 555	13011-31140	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
TOYOTA GASOLINE ENGINE										
2JZGE 2JZGTE	6	2997	86.000	1 2 O1	1.500 1.500 4.000	x x x	3.300 3.800 2.850	SWT10134ZZ 777	13011-46041 13011-46050	GS300 IS300 SC300 SUPRA
2K	4	1000	72.000	1 2 O1	2.000 2.000 4.000	x x x	3.400 3.400 3.800	SWT10029ZZ 777	13011-12010 13011-12030 13011-12031	
2M	6	2253	75.000	1 2 O1	2.000 2.000 4.000	x x x	3.600 3.600 3.150	SXT10004ZZ Mt.777	13011-41011 13011-41015 13011-41040	CORONA
2MZFE	6	3311	92.000	1 2 O1		x x x		NA Mt.777	-	CAMRY CAMRY SOLARA
2NZFE	4	1298	75.000	1 2 O1	1.200 1.200 2.000	x x x	2.500 2.800 2.200	SWT10192ZZ Mt.777	13011-21050	IST PORTE VITZ
2NZFE2	4	1298	75.000	1 2 O1	1.200 1.200 3.000	x x x	2.500 2.500 2.500	SWT10192ZZ 777	13011-21060	FUNCARGO VITZ YARIS
2R	4	1490	78.000	1 2 O1	2.000 2.500 4.000	x x x	3.700 3.600 3.600	SWT10014ZZ 777	13011-31010 13011-31030 13011-31040	(Forklift)
2RZFE	4	2438	95.000	1 2 O1	1.500 1.500 4.000	x x x	3.500 3.450 3.050	SWT10139ZZ 777	13011-75040	TACOMA
2S 2SELC 2SELU 2SELC	4	1995	84.000	1 2 O1	1.500 1.500 4.000	x x x	3.500 3.800 3.250	SWT10088ZZ 777	13011-74010 13011-74020 13011-74020 13011-74021 13011-74030 13011-74040	CAMRY CELICA
2T 2TC	4	1588	85.000	1 2 O1	2.000 2.000 4.000	x x x	4.000 4.000 3.250	SWT10040ZZ 777 SXT10040ZZ SWT10040ZZ Mt.777	13011-26041 13011-27020 13014-36020	CARINA COROLLA
2T 2TC	4	1558	85.000	1 2 O1	1.500 1.500 4.000	x x x	3.800 3.800 3.250	SWT10059ZZ 777 SXT10059ZZ SWT10059ZZ Mt.777 All Plt	13011-28010 13011-28011 13011-28012 13011-28020 13011-28030 13011-28050 13011-28070 13011-28071 13011-28500 13011-28700	CARINA COROLLA
2TR	4	2693	95.000	1 2 O1	1.200 1.200 2.000	x x x	2.900 3.400 2.750	SDT10193ZZ SDT10193ZY 555	13011-75110	HIACE

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
TOYOTA GASOLINE ENGINE										
2TR For Leaded Gasoline	4	2693	95.000	1	1.200	x	2.900	SDT10193ZY	13011-75130	HIACE
				2	1.200	x	3.400	555		
2TZ 2TZFE 2TZFZE	4	2438	95.000	1	1.750	x	3.700	SWT10127ZZ	13011-76010 13011-76050	PREVIA
				2	1.500	x	3.800	777		
2U 2UB 2UC	2	790	83.000	1	2.000	x	3.800	SXT10017ZZ	13011-11010 13011-11020	
				2	2.000	x	3.800	DISCONTINUED		
2UZFE	8	4664	94.000	1	1.500	x	3.300	Mt.777	13011-50140	LANDCRUISER LX470 SEQUOIA TUNDRA
				2	1.500	x	4.000	All Plt		
2VZFE	6	2507	87.500	1	1.500	x	3.300	SWT10203ZZ	13011-62040	CAMRY ES250
				2	1.500	x	3.800	777		
2Y	4	1812	86.000	1	1.500	x	3.500	SWT10090ZZ	13011-71010 13011-71020	VAN
				2	1.500	x	4.000	SWT10090ZY		
2Y	4	1812	86.000	1	1.500	x	3.500	777	13011-71030 13011-71040	VAN
				2	1.500	x	4.000	SWT10090ZY		
2ZZEE 2ZZGE	4	1796	82.000	1	1.000	x	2.850	SWT10196ZZ	13011-88601	CELICA MATRIX XRS
				2	1.200	x	3.050	777		
3A 3AC 3AU	4	1452	77.500	1	1.500	x	3.300	SWT10078ZZ	13011-15010 13011-15011	TERCEL
				2	1.500	x	3.400	SWT10078ZX		
3A 3AC 3AU	4	1452	77.500	1	1.500	x	2.850	777	13011-15020 13011-15021	TERCEL
				2	1.500	x	3.400	SS999		
3E 3EE	4	1456	73.000	1	1.500	x	2.700	SWT10143ZZ	13011-11061 13011-11090	TERCEL
				2	1.500	x	3.100	SWT10105ZZ		
3F	6	3995	94.000	1	1.500	x	3.600	777	13011-61060	
				2	1.500	x	4.000	SWT10106ZZ		
3F 3FE	6	3995	94.000	1	2.000	x	3.300	777	13011-61062 13011-76013-71	LANDCRUISER
				2	2.000	x	4.000	SWT10151ZZ		
3FE	6	3995	94.000	1	2.000	x	3.300	SWT10140ZZ	13011-61062	LANDCRUISER
				2	2.000	x	4.000	SWT10151ZZ		
				O1	4.000	x	3.300	777		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
TOYOTA GASOLINE ENGINE											
3K 3KC	4	1166	75.000	1	2.000	x	3.600	SWT10052ZZ	13011-22011	COROLLA	
					2	x	3.600	777	13011-24010		
					O1	x	3.000		13011-24011		
									13011-24012		
								13011-24020			
									13011-24030		
3P	4	1345	76.600	1	2.000	x	3.500	SWT10009ZZ	13011-23030	(Forklift)	
					2	x	3.500	777			
					O1	x	3.500				
3R 3RC	4	1897	88.000	1	2.500	x	4.100	SWT10022ZZ	13011-40010	CORONA	
					2	x	4.100	777	13011-49010		
					O1	x	4.100		13011-49021		
							All Plt				
3RZFE	4	2600	95.000	1	1.500	x	3.500	SWT10139ZZ	13011-75040	4 RUNNER T100 TACOMA	
					2	x	3.700	777	13011-75040A		
					O1	x	3.050				
3SFE	4	1998	86.000	1	1.500	x	3.300	SWT10149ZZ	13011-74070A	CAMRY CELICA RAV4	
					2	x	3.800	SWT10090ZY	13011-74072		
					O1	x	3.100	777	13011-74090A		
3SFE	4	1998	86.000	1	1.200	x	2.900	SWT10162ZZ	13011-74320	RAV4	
					2	x	3.400	SWT10162ZY	13011-74340		
					O1	x	2.750	777			
3SFE	4	1998	86.000	1	1.200	x	2.900	SWT10162ZY	13011-74320	RAV4	
					2	x	3.400	777	13011-74340		
					O1	x	2.850				
3SFE	4	1998	86.000	1	1.200	x	2.700	SWT10186ZZ	13011-28120	RAV4	
					2	x	3.100	777			
					O1	x	2.500				
3SGELC 3SGTE	4	1998	86.000	1	1.200	x	3.300	SWT10141ZZ	13011-88363	CELICA MR2	
					2	x	3.700	777	13011-88380		
					O1	x	2.680		13011-88381		
3T 3TC 3TU	4	1770	85.000	1	1.500	x	3.800	SWT10059ZZ	13011-28010	COROLLA	
					2	x	3.800	777	13011-28011		
					O1	x	3.250		13011-28012		
									SXT10059ZZ		13011-28020
									SWT10059ZZ		13011-28030
									Mt. 777		13011-28050
									All Plt		13011-28070
				13011-28071							
				13011-28500							
				13011-28700							
3UZFE	8	4293	91.000	1		x		NA	13011-50170	GS430 LS430 SC430	
					2	x					
					O1	x					
3VZE 3VZFE	6	2958	87.500	1	1.500	x	3.300	SWT10144ZZ	13011-62060	4 RUNNER ES300 CAMRY PICKUP T100	
					2	x	3.800	777			
					O1	x	2.280				

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
3VZFE	6	2958	87.500	1	1.500	x	3.300	SWT10148ZZ	13011-62040	ES300
					2	1.500	x	3.800		
3Y 3YEC	4	1988	86.000	1	1.500	x	3.500	SWT10090ZZ	13011-71010	HILUX VAN
					2	1.500	x	4.000		
				O1	4.000	x	3.250	777	13011-71012	
										13011-71020
3Y 3YEC	4	1988	86.000	1	1.500	x	3.500	SWT10090ZY	13011-72020	HILUX VAN
					2	1.500	x	4.000		
				O1	4.000	x	3.250		13011-71012	
										13011-71020
3Z	4		79.000	1	1.200	x	2.650	SWT10197ZZ		
					2	1.200	x	3.200		
				O1	3.000	x	2.550	777		
4AC	4	1587	81.000	1	1.500	x	3.100	SWT10108ZZ	13011-16011	COROLLA
					2	1.500	x	3.600		
				O1	2.800	x	2.250		13011-16032	
4AF 4AFE	4	1587	81.000	1	1.500	x	2.700	SWT10142ZZ	13011-16130	CELICA COROLLA
					2	1.500	x	3.400		
				O1	3.000	x	2.250		13011-16140	
4AFE	4	1587	81.000	1	1.200	x	2.900	SWT10156ZZ	13011-16300	COROLLA
					2	1.500	x	3.400		
				O1	3.000	x	2.900			
4AG	4	1587	81.000	1	1.200	x	2.800	SWT10156ZZ	13011-16280	
					2	1.500	x	3.400		
				O1	3.000	x	2.900			
4AGE	4	1587	81.000	1	1.200	x	2.900	SWT10150ZZ	13011-16200	
					2	1.500	x	3.400		
				O1	2.800	x	2.800			
4AGE 4AGEC 4AGELC 4AGEU	4	1587	81.000	1	1.500	x	3.100	SWT10104ZZ	13011-16050	COROLLA MR2
					2	1.500	x	3.400		
				O1	2.800	x	2.250	777	13011-16070	
										13011-16090
4AGZE	4	1587	81.000	1	1.500	x	3.100	SWT10145ZZ	13011-16090	MR2
					2	1.500	x	3.400		
				O1	2.800	x	2.250			
4AL 4ALCE	4	1587	81.000	1	1.500	x	3.300	SWT10108ZZ	13011-16010	COROLLA
					2	1.500	x	3.600		
				O1	2.800	x	2.850		13011-16011	
										13011-16031
4AME	6	2563	80.000	1	2.000	x	3.800	SXT10041ZZ	13011-45021	
					2	2.000	x	3.800		
				O1	4.000	x	3.800	Mt.777		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
4EFE	4	1331	74.000	1	1.200	x	2.700	SWT10128ZZ	13011-11122	COROLLA
					2	1.200	x	3.100		
4EFE	4	1331	74.000	O1	3.000	x	2.800	SWT10164ZZ	13011-11170	
					1	1.200	x	2.700	DISCONTINUED	
4K 4KC	4	1290	75.000	1	2.000	x	3.600	SWT10052ZZ	13011-13030	COROLLA STARLET
					2	2.000	x	3.600	777	
4K 4KC	4	1290	75.000	O1	4.000	x	3.000		13011-24010	
4KE 4KU	4	1290	75.000	1	1.500	x	3.100	SWT10109ZZ	13011-13010	COROLLA STARLET
					2	1.500	x	3.400	777	
4M 4ME	6	2563	80.000	O1	4.000	x	3.000			CORONA CRESSIDA SUPRA (Forklift)
					1	2.000	x	3.800	SXT10041ZZ	
4M 4ME	6	2563	80.000	O1	2.000	x	3.800		13011-45040	
									Mt.777	
4P	4	1345	76.600	1	2.000	x	3.500	SWT10009ZZ	13011-23030	
					2	2.000	x	3.500		
4P	4	1345	76.600	O1	4.000	x	3.500			
4R	4	1587	80.500	1	2.000	x	3.800	SHT10015ZZ	13011-32011	
					2	2.500	x	3.800		
4R	4	1587	80.500	O1	4.000	x	3.800			
									Mt.500 All Plt	
4S	4	1838	82.500	1	1.500	x	3.100	SWT10123ZZ	13011-74120-1	
					2	1.500	x	3.800	777	
4S	4	1838	82.500	O1	4.000	x	2.900			
4Y	4	2208	91.000	1	1.500	x	3.300	SWT10111ZZ	13011-73020	VAN (Forklift)
4YEC	4	2237		2	1.500	x	3.950	777	13011-73032	
4YEC	4	2237		O1	4.000	x	3.250		13011-73040	
									1st-IB	
5A	4	1498	78.700	1	1.500	x	2.700	SWT10161ZZ	13011-15050	COROLLA
					2	1.500	x	3.500		
5A	4	1498	78.700	O1	3.000	x	2.850			
5A	4	1498	78.700	1	1.200	x	2.850	SWT10181ZZ	13011-15100	COROLLA
					2	1.500	x	3.500		
5A	4	1498	78.700	O1	3.000	x	2.850			
5EFE	4	1456	74.000	1	1.200	x	2.700	SWT10128ZZ	13011-11140	PASEO TERCEL
					2	1.200	x	3.100	777	
5EFE	4	1456	74.000	O1	3.000	x	2.250			
5K	4	1486	80.500	1	1.500	x	3.300	SWT10099ZZ	13011-13040	
					2	1.500	x	3.300	777	
5K	4	1486	80.500	O1	4.000	x	3.650		13011-13090	
5M 5ME 5MEU	6	2759	83.000	1	2.000	x	3.800	SXT10072ZZ	13011-43010	CRESSIDA SUPRA
					2	2.000	x	3.800	DISCONTINUED	
5M 5ME 5MEU	6	2759	83.000	O1	4.000	x	3.250		13011-43031	
									Mt.777 All Plt	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
TOYOTA GASOLINE ENGINE										
5M 5ME 5MEU	6	2759	83.000	1 2 O1	2.000 2.000 4.000	x x x	3.050 3.800 3.300	SWT10072ZX	13011-43010	CRESSIDA SUPRA
								777	13011-43030	
								SS999	13011-43031	
5MEU 5MGE	6	2759	83.000	1 2 O1	1.500 1.500 4.000	x x x	3.500 3.800 3.300	SWT10079ZZ	13011-42060	CRESSIDA SUPRA
								777	13011-43050	
								777	13011-43080	
5P	4	2771	93.000	1 2 O1	2.500 2.500 4.000	x x x	3.800 3.800 3.900	SWT10048ZZ	13011-96102	(Forklift)
5R	4	1944	88.000	1 2 O1	2.000 2.500 4.000	x x x	4.200 4.200 3.300	SXT10069ZZ	13011-44010	(Forklift)
								SWT10069ZY	13011-44011	
								Mt.777	13011-44030	
								All Plt	13011-44031	
									13011-44032	
									13011-44040	
									13011-44041	
									13011-44042	
									13011-44060	
									13011-44061	
	13011-44062									
	13011-44063									
	13011-44073									
5R	4	1944	88.000	1 2 O1	2.000 2.500 4.000	x x x	4.200 4.200 3.300	SWT10069ZZ	13011-44043	(Forklift)
								SWT10069ZY		
								777 All Plt		
5S 5SFE	4	2164	87.000	1 2 O1	1.500 1.500 4.000	x x x	3.500 3.600 3.050	SWT10133ZZ	13011-74150	CAMRY CELICA MR2
								777	13011-74261	
								777		
5SFE	4	2164	87.000	1 2 O1	1.500 1.500 3.000	x x x	3.500 3.600 3.050	SWT10149ZZ	13011-74290	CELICA MR2
								777		
								777		
5SFE	4	2164	87.000	1 2 O1	1.200 1.200 3.000	x x x	2.900 3.400 2.750	SWT10166ZZ	13011-74370	CAMRY CAMRY SOLARA
								777		
								777		
5SFNE	4	2163	87.000	1 2 O1	1.200 1.200 3.000	x x x	2.900 3.400 2.600	SWT10171ZZ	13011-74410	
								DISCONTINUED		
								777		
5VZ 5VZFE	6	3378	93.500	1 2 O1	1.500 1.500 4.000	x x x	3.300 4.000 2.850	SWT10178ZZ	13011-62110	4 RUNNER T100 TACOMA
								777		
								777		
6R	4	1700	86.000	1 2 O1	2.000 2.500 4.000	x x x	3.900 3.900 2.680	SWT10019ZZ	13011-31010	
									13011-32021	
								777	13011-33020	
									13011-33022	
		13011-33030								

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
TOYOTA GASOLINE ENGINE											
7AFE	4	1762	81.000	1	1.200	x	2.900	SWT10156ZZ	13011-16300	CELICA COROLLA	
					1.500	x	3.400	777	13011-16340		
					O1 3.000	x	2.900				
7K	4	1781	80.500	1	1.500	x	3.100	SWT10160ZZ	13011-13100		
					1.500	x	3.600	777			
					O1 4.000	x	2.850				
7KE	4	1781	80.500	1	1.500	x	3.100	SWT10169ZY	13011-13110		
					1.500	x	3.600	SWT10160ZZ	13011-13120		
					O1 4.000	x	2.550	777			
7MGE	6	2954	83.000	1	1.500	x	3.300	SWT10079ZZ	13011-42060	CRESSIDA SUPRA	
					1.500	x	3.700	777			
					O1 4.000	x	2.850				
7MGTE	6	2954	83.000	1	1.500	x	3.300	SWT10115ZZ	13011-42010	SUPRA	
					1.500	x	3.700	777	13011-42011		
					O1 4.000	x	2.850		1st-Steel		
7R 8R 8RC	4	1591	86.000	1	2.000	x	3.900	SWT10019ZZ	13011-31010	CELICA CORONA	
					2.500	x	3.900	777	13011-32021		
					O1 4.000	x	2.680		13011-33020 13011-33022 13011-33030		
12R	4	1600	80.500	1	2.000	x	3.900	SWT10042ZZ	13011-31050	CORONA	
					2.000	x	3.900	777	13011-31051		
					O1 4.000	x	3.750		13011-31060		
									13011-31061		
									13011-31070		
									13011-31081		
									13011-31090		
									13011-31091		
									13011-81088		
12R	4	1600	80.500	1	2.000	x	3.900		SXT10042ZZ	13011-31050	CORONA
					2.000	x	3.900	DISCONTINUED	13011-31051		
					O1 4.000	x	3.750		Mt.777	13011-31060	
									All Plt	13011-31061	
										13011-31070	
										13011-31081	
										13011-31090	
										13011-31091	
										13011-81088	
12T	4	1588	85.000	1	2.000	x	4.000		SWT10040ZZ	13011-26041	
					2.000	x	4.000	777			
					O1 4.000	x	3.250				
12T	4	1588	85.000	1	2.000	x	4.000	SXT10040ZZ	13011-27020		
					2.000	x	4.000	SWT10040ZZ			
					O1 4.000	x	3.250	Mt.777			

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
TOYOTA GASOLINE ENGINE										
12TU	4	1588	85.000	1	1.500	x	3.800	SWT10059ZZ	13011-28010	
				2	1.500	x	3.800		13011-28011	
13TU	4	1770		O1	4.000	x	3.250	777	13011-28020	
									13011-28030	
									13011-28071	
16R	4	1808	88.500	1	2.000	x	4.200	SJT10043ZZ	13011-38040	
18R		1968		2	2.500	x	4.200	SWT10043ZZ		
				O1	4.000	x	4.000	Mt.555 2nd ESUC All Plt		
18RC	4	1968	88.500	1	2.000	x	4.200	SWT10043ZZ	13011-38020	CELICA CORONA PICKUP
				2	2.500	x	4.200			
				O1	4.000	x	3.180	777		
19R	4		88.500	1	2.000	x	4.200	SJT10043ZZ	13011-38040	
				2	2.500	x	4.200	SWT10043ZZ		
				O1	4.000	x	4.000	Mt.555 2nd ESUC All Plt		
20R	4	2189	88.500	1	2.000	x	4.200	SWT10043ZZ	13011-30030	CELICA CORONA CRESSIDA PICKUP
				2	2.500	x	4.200		13011-34012	
				O1	4.000	x	3.900	777	13011-34013	
									13011-34020	
				1	2.000	x	4.200	SXT10043ZZ	13011-34021	
				2	2.500	x	4.200	SWT10043ZZ	13011-34022	
			O1	4.000	x	3.850	Mt.777 All Plt	13011-34023		
								13011-34030		
								13011-34050		
								13011-38010		
								13011-38020		
								13011-38040		
								13011-38060		
20R	4	2189	88.500	1	2.000	x	4.200	SJT10063ZZ	13011-38030	CRESSIDA
				2	2.500	x	4.200			
				O1	4.000	x	4.100	Mt.555 All Plt		
				O2	4.000	x	4.000			
21R	4	1972	84.000	1	2.000	x	4.000	SXT10067ZZ	13011-37010	
				2	2.000	x	4.000			
				O1	4.000	x	3.200	Mt.777 All Plt		
21R	4	1972	84.000	1	1.500	x	3.500	SWT10076ZZ	13011-37030	CRESSIDA
				2	2.000	x	4.000		13011-37050	
				O1	4.000	x	3.200	Mt.777 All Plt	13011-37060	
21R 21RC	4	1972	84.000	1	1.500	x	3.100	SWT10102ZZ	13011-37070	CRESSIDA
				2	1.500	x	3.800		13011-37071	
				O1	4.000	x	3.050	777		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
TOYOTA GASOLINE ENGINE										
22R 22REC	4	2366 2367	92.000	1 2 O1	2.000 2.500 4.000	x x x	4.200 4.200 3.250	SWT10077ZX 777 SS999	13011-35010 13011-35020 13011-35030	4 RUNNER CELICA CORONA CRESSIDA PICKUP
22R 22RE 22REC 22RTEC	4	2366 2367	92.000	1 2 O1	1.500 1.500 4.000	x x x	3.300 4.000 3.300	SWT10103ZZ 777	13011-35040 13011-35050 13011-35052 13011-35060 13011-35061 13011-35070 13011-35071	4 RUNNER CRESSIDA PICKUP
F	6	3878	90.000	1 2 O1 O2	3.000 3.000 4.000 4.000	x x x x	3.700 3.700 3.700 3.700	SNT10026ZZ DISCONTINUED 500X	13011-60011	LANDCRUISER
F	6	3878	90.000	1 2 O1 O2	3.000 3.000 4.000 4.000	x x x x	3.700 3.700 3.700 3.700	SWT10026ZZ 777	13011-69021	LANDCRUISER
F	6	3878	90.000	1 2 O1 O2	2.000 2.500 4.000 4.000	x x x x	4.000 4.000 4.000 4.000	SCT10044ZZ DISCONTINUED 500	13011-60040	LANDCRUISER (Forklift)
F	6	3878	90.000	1 2 O1 O2	2.000 2.500 4.000 4.000	x x x x	4.000 4.000 4.000 4.000	SWT10044ZZ 777	13011-60040	LANDCRUISER (Forklift)
K	4	1077	75.000	1 2 O1	2.000 2.000 4.000	x x x	3.600 3.600 3.000	SWT10052ZZ 777	13011-22011 13011-24010 13011-24011 13011-24012 13011-24020 13011-24030	COROLLA
K3-VE	4	1988	72.000	1 2 O1	1.200 1.200 2.000	x x x	2.300 2.600 2.250	SWT10220ZZ 777	13011-BZ010	
M	6	1988	75.000	1 2 O1	2.000 2.000 4.000	x x x	3.600 3.600 3.150	SXT10004ZZ Mt.777	13011-41011 13011-41015 13011-41040	
T	4	1407	80.000	1 2 O1	2.000 2.000 4.000	x x x	3.800 3.800 3.750	SWT10039ZZ 777	13011-25010 13011-25020 13011-25032 13011-25041	
TU	4	1407	80.000	1 2 O1	1.500 2.000 4.000	x x x	3.800 3.800 3.750	SXT10060ZZ Mt.777	13011-25033 13011-25042	

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
TOYOTA DIESEL ENGINE										
1C 1CL 1CLC 1CLTC	4	1839	83.000	1 2 O1	2.000 2.000 4.000	x x x	3.300 3.800 4.000	SDT10081ZZ SDT10081ZX 555 1st-HKS All Plt	13011-64010 13011-64020 13011-64040 13011-64070 13011-64080	CAMRY COROLLA CORONA
1C 1CL 1CLC 1CLTC	4	1839	83.000	1 2 O1	2.000 2.000 4.000	x x x	3.050 3.800 4.350	SDT10081ZX 555 1st-HKS SS999	13011-64010 13011-64020 13011-64040 13011-64070 13011-64080	CAMRY COROLLA CORONA
1C	4	1839	83.000	1 2 O1	2.000 2.000 3.000	x x x	3.300 3.500 3.250	SDT10110ZZ 555	13011-64220	
1CD	4		82.200	1 2 O1	2.000 1.500 3.000	x x x	3.050 3.500 3.750	SDT10206ZZ 555	13011-27030	
1DZ	4	2184	86.000	1 2 O1	2.000 2.000 4.000	x x x	3.100 3.600 4.350	SDT10159ZZ 555	13011-78201	(Forklift)
1DZ	4	2184	86.000	1 2 O1	2.000 2.000 4.000	x x x	3.050 3.600 4.150	SDT10191ZZ 555	13011-78200-71	
1HZ	6	4163	94.000	1 2 O1	2.000 2.000 4.000	x x x	3.500 4.000 4.250	SDT10163ZZ 555	13011-17010	
1KD	4	2982	96.000	1 2 O1	2.000 1.500 3.000	x x x	3.300 3.300 3.000	SDT10175ZY 555	13011-20022 13011-30020 13011-30021 13011-30040 13011-30050 13011-30051	
1KZ	4	2982	96.000	1 2 O1	2.000 2.000 3.000	x x x	3.350 3.650 2.350	SDT10137ZY 555 1st-HKS	13011-54120	
1ND	4	1362	73.000	1 2 O1	1.500 1.500 3.000	x x x	2.450 2.450 3.250	SDT10202ZZ DISCONTINUED 555		PROBOX VAN SCCEED VAN
1PZ	5		94.000	1 2 O1	2.000 2.000 4.000	x x x	3.500 4.000 4.350	SDT10190ZZ 555	13011-18030	
1TR	4	1998	86.000	1 2 O1	1.200 1.200 2.000	x x x	2.700 3.100 2.750	SDT10185ZZ 555	13011-75100	
1Z	4	2977	96.000	1 2 O1	2.000 2.000 4.000	x x x	3.500 4.400 3.950	SDT10158ZZ 555	13011-78300	(Forklift)

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
TOYOTA DIESEL ENGINE										
2B	4	3168	98.000	1 2 O1	2.540 2.500 4.500	x x x	4.100 4.300 4.400	SJT10084ZZ Mt.555 1st-HKS All Plt	13011-57010	DYNA
2C	4	1974	86.000	1 2 O1	2.000 2.000 4.000	x x x	3.300 3.900 4.000	SDT10096ZZ SDT10096ZX 555 All Plt	13011-64060 13011-64110	CORONA
2C	4	1974	86.000	1 2 O1	2.000 2.000 4.000	x x x	3.050 3.600 4.350	SDT10096ZX 555 SS999	13011-64060 13011-64110	CORONA
2C	4	1974	86.000	1 2 O1	1.750 2.000 3.000	x x x	2.900 3.600 3.050	SDT10152ZZ 555	13011-64170	CORONA
2C	4	1974	86.000	1 2 O1	2.000 2.000 3.000	x x x	3.100 3.600 3.050	SDT10155ZZ 555	13011-64190	CORONA
2C	4	1974	86.000	1 2 O1	2.000 2.000 3.000	x x x	3.100 3.600 3.100	SDT10155ZZ DISCONTINUED 777	13011-64190	CORONA
2D	6	6494	105.000	1 2 3 O1 O2	3.000 3.000 3.000 5.000 5.000	x x x x x	4.200 4.200 4.200 4.600 4.200	SJT10028ZZ Mt.555	13011-77010 13011-77020 13011-77021 13011-77022 13011-77023	
2D	6	6494	105.000	1 2 3 O1	3.000 3.000 3.000 5.000	x x x x	4.200 4.200 4.200 4.600	SJT10065ZZ Mt.555 All Plt	13011-77024	
2D	6	6494	105.000	1 2 3 O1	3.050 2.500 2.500 5.000	x x x x	4.000 4.400 4.400 4.600	SJT10074ZZ Mt.555 1st-HKS All Plt	13011-77040 13011-77041	
2H	6	3980	91.000	1 2 3 O1	2.540 2.500 2.000 4.000	x x x x	4.000 4.000 4.000 4.200	SDT10107ZZ 555 1st-HKS All Plt	13011-31960	LANDCRUISER (Forklift)
2H	6	3980	91.000	1 2 O1	2.540 2.500 4.000	x x x	4.000 4.000 4.200	SDT10075ZZ SDT10075ZX 555 1st-HKS All Plt	13011-68010 13011-68020 13011-96601	LANDCRUISER

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
TOYOTA DIESEL ENGINE										
2H	6	3980	91.000	1	2.540	x	4.000	SDT10075ZX	13011-68010 13011-68020 13011-96601	LANDCRUISER
				2	2.500	x	4.000			
				O1	4.000	x	4.350			
								555 1st-HKS SS999		
2J	4	2481	88.000	1	2.500	x	3.800	SCT10024ZZ	13011-46021	
				2	2.500	x	3.800			
				3	2.500	x	3.800			
				O1	4.000	x	3.800			
				O2	4.000	x	3.800			
								555		
2J	4	2481	88.000	1	2.540	x	3.800	SDT10045ZZ	13011-48013 13011-48021	TOYOACE (Forklift)
				2	2.500	x	3.800			
				3	2.500	x	3.800			
				O1	4.000	x	4.200			
								555 1st-HKS		
2J	4	2481	88.000	1	2.540	x	3.800	SDT10045ZX	13011-48013 13011-48021	TOYOACE (Forklift)
				2	2.500	x	3.800			
				3	2.500	x	3.800			
				O1	4.000	x	4.350			
								555 1st-HKS SS999		
2J	4	2481	88.000	1	2.540	x	3.800	SJT10050ZZ	13011-48022 13011-48023 13011-48030	TOYOACE
				2	2.500	x	3.400			
				O1	4.000	x	4.200			
								Mt.555 1st-HKS All Plt		
2KD	4	-	92.000	1	2.000	x	2.900	SDT10180ZZ	13011-30030 13011-30031	
				2	1.500	x	2.900			
				O1	3.000	x	3.000			
								555		
2KD	4	-	92.000	1	2.000	x	2.900	SDT10180ZY	13011-30030 13011-30031	HIACD (EXPORT)
				2	1.500	x	2.900			
				O1	3.000	x	3.000			
								555		
2L 2LT 2LTE	4	2446	92.000	1	2.000	x	3.350	SDT10089ZZ	13011-54050 13011-54060 13011-54061 13011-54062	COROLLA PICKUP
				2	2.000	x	4.050			
				O1	4.000	x	4.300			
								555 1st-HKS All Plt		
2TR	4		95.000	1	1.200	x	2.900	SDT10193ZY	13011-75110	
				2	1.200	x	3.400			
				O1	2.000	x	2.750			
								555		
2Z	4	-	98.000	1	2.000	x	3.500	SDT10179ZZ	13011-78700	
				2	2.000	x	4.300			
				O1	4.000	x	4.350			
								555		
3B	4	3431	102.000	1	2.540	x	4.300	SJT10087ZZ	13011-58010 13011-58011	DYNA
				2	2.500	x	4.400			
				O1	4.500	x	4.400			
								Mt.555 1st-HKS All Plt		
3CT	4	2184	86.000	1	2.000	x	3.100	SDT10159ZZ	13011-78201	
				2	2.000	x	3.750			
				O1	4.000	x	4.000			
								555		

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME	
TOYOTA DIESEL ENGINE											
3L	4	2779	96.000	1	2.000	x	3.354	SDT10124ZY	13011-54120		
					2	2.000	x				4.200
					O1	4.000	x				4.350
								555 1st-HKS			
5L	4	3000	99.500	1	2.000	x	3.600	SDT10167ZZ	13011-54130		
					2	1.500	x				3.700
					O1	4.000	x				4.350
								555			
11B	4	2977	95.000	1	2.500	x	3.500	SDT10154ZZ	13011-56040		
					2	2.000	x				4.300
					O1	4.000	x				2.400
								555 1st-HKS			
11B	4	2977	95.000	1	2.500	x	3.700	SDT10157ZZ	13011-56030		
					2	2.000	x				4.300
					O1	4.500	x				4.300
								555			
12HT	6	3980	91.000	1	2.500	x	3.500	SDT10112ZZ	13011-68030		
					2	2.500	x				4.000
					O1	4.000	x				4.200
								555 1st-KSGN			
13B	4	3431	102.000	1	2.500	x	4.100	SDT10136ZZ	13011-58030		
					2	2.500	x				4.300
					O1	4.500	x				4.600
								SDT10136ZX 555			
13B	4	3431	102.000	1	2.500	x	4.100	SDT10136ZX	13011-58030		
					2	2.500	x				4.300
					O1	4.500	x				4.600
								555 SS999			
14B	4	3700	102.000	1	2.500	x	3.700	SDT10135ZZ	13011-58050		
					2	2.000	x				4.300
					O1	4.000	x				4.350
								555			
15B	4	4104	108.000	1	3.000	x	3.700	SDT10188ZZ	13011-58090		
					2	2.000	x				4.300
					O1	4.000	x				4.400
								555			
15B	4	4104	108.000	1	3.000	x	3.700	SDT10189ZZ	13011-58110		
					2	2.000	x				3.800
					O1	4.000	x				4.400
								555			
B	4	2977	95.000	1	2.500	x	4.300	SJT10071ZZ	13011-56010	LANDCRUISER	
					2	2.500	x				4.300
					3	2.500	x				4.300
					O1	4.500	x				4.300
								Mt.555			
B	4	2977	95.000	1	2.500	x	4.300	SDT10058ZZ	13011-56011		
					2	2.500	x				4.300
					3	2.500	x				4.300
					O1	4.500	x				4.300
								555 1st-HKS			
B	4	2977	95.000	1	2.540	x	4.100	SJT10070ZZ	13011-56012 13011-56013 13011-56021 13011-56022	LANDCRUISER	
					2	2.500	x				4.300
					O1	4.500	x				4.300

EXPORT PISTON RINGS



© 2012 NPR of America, Inc.

SUPERSESION or DISCONTINUED

ENGINE NUMBER	C Y L	ENGINE SIZE CC	DIA. mm	C M B	B mm	X	T mm	NPR PISTON RING #	PISTON RING REFERENCE #	VEHICLE NAME
TOYOTA DIESEL ENGINE										
B	4	2977	95.000	1	2.500	x	3.500	SDT10154ZZ	13011-56040	
				2	2.000	x	4.300	555 1st-HKS		
				O1	4.000	x	2.400			
H	6	3756	88.000	1	2.500	x	3.800	SCT10025ZZ	13011-47020	
				2	2.500	x	3.800	500		
				3	2.500	x	3.800			
				O1	4.000	x	3.800			
				O2	4.000	x	3.800			
H	6	3756	88.000	1	2.540	x	3.800	SDT10047ZZ	13011-47021	
				2	2.500	x	3.800			
				3	2.500	x	3.800			
				O1	4.000	x	4.200			
H	6	3756	88.000	1	2.540	x	3.800	SJT10051ZZ	13011-47022	DYNA
				2	2.500	x	4.000	Mt.555 1st-HKS All Plt	13011-47023	
				O1	4.000	x	4.200			
L	4	2188	90.000	1	2.500	x	3.800	SDT10066ZZ	13011-54010	PICKUP
				2	2.000	x	4.000	555	13011-54020	
				O1	4.000	x	4.200		13011-54021	
L	4	2188	90.000	1	2.000	x	3.600	SDT10082ZZ	13011-54030	PICKUP
				2	2.000	x	4.000	555 1st-HKS All Plt	13011-54031	
				O1	4.000	x	4.150		13011-54040	
					13011-54041					
					13011-54042					
13011-54080										
N04C	4	4009	104.000	1	2.500	x	3.700	SDT10197ZZ	13011-78060	DYNA TOYOACE
				2	2.000	x	4.300	DISCONTINUED 555		
				O1	4.000	x	4.350			
S05C	4	4899	114.000	1	3.000	x	4.300	SDT10199ZZ	13011-78031	TOYOACE
				2	2.000	x	4.300			
				O1	4.000	x	4.350			

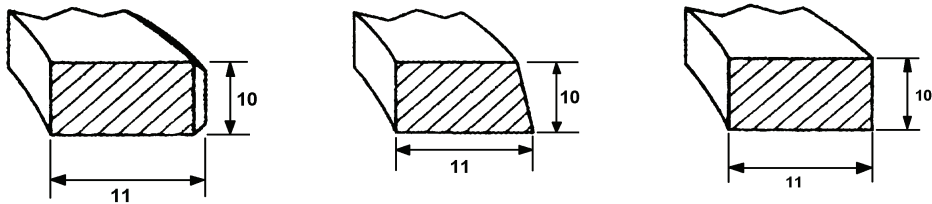
EXPORT PISTONS



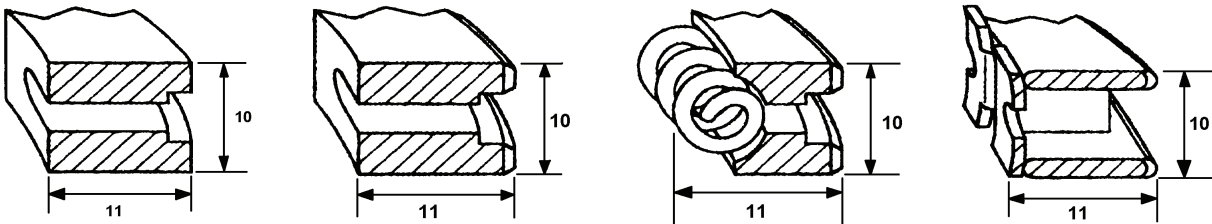
© 2012 NPR of America, Inc.

1	3	4	5	6	8	9			12	14	17	18	19	21
2				7		10	x	11	13	15	16			20

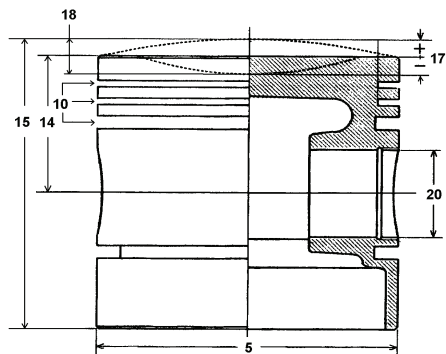
Compression Ring



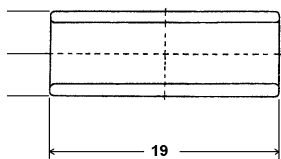
Oil Control Ring



Piston



Piston Pin



Circlip

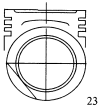
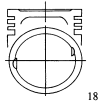


- | | |
|--|---------------------------------------|
| 1: Engine Model Code. | 12: NOA's Piston Part Number. |
| 2: Fuel Type. | 13: Piston Reference Number. |
| 3: Number of Cylinder. | 14: Compression Distance. |
| 4: Engine Size CC. | 15: Piston Length. |
| 5: Cylinder Diameter. | 16: Circlip or Press Fit Information. |
| 6: NOA's Piston Ring Part Number. | 17: Dome or Dish. |
| 7: Piston Ring Reference Number. | 18: Dome or Dish Height. |
| 8: Piston Ring Position. | 19: Piston Pin Length. |
| 9: Piston Ring. | 20: Piston Pin Diameter. |
| 10: Width of Compression & Oil Ring. | 21: Piston Head Shape Code. |
| 11: Radial Wall Thickness of
Compression Ring & Oil Ring. | 22: Piston Head Drawing. |

EXPORT PISTONS



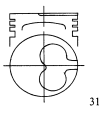
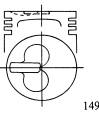
© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
DAEWOO GASOLINE ENGINE													
NP960	4	1500	76.50	SWD20003ZZ	1	1.50	x	3.10	DISCONTINUE	28.30	- 3.70	54.80	231
GASOLINE					2	1.50	x	3.20	90264520 96350120 96081975	48.00	18.00		
					O1	3.00	x	2.95		CIRCLIP : NONE			
F8C	4	800	68.50	SWD20002ZZ	1	1.20	x	2.50	DISCONTINUE	25.00	- 2.50	53.00	181
GASOLINE					2	1.50	x	2.80	12111-A78B01-0A0 12111-078B00-000	55.00	16.00		
					O1	2.80	x	2.85		CIRCLIP : 1.6-1.0C			

EXPORT PISTONS



© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	C Y L	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
DAIHATSU DIESEL ENGINE													
DG	4	2530	88.00	SJD10025ZZ	1	2.50	x	3.80	DISCONTINUE	50.50	- 1.00	70.00	31
DIESEL				13011-87036	2	2.00	x	3.80	13101-87306-000 13101-87309-000	95.00	- 5.00	26.00	 31
				13011-87305	O1	4.00	x	4.10					
				13011-87307									
				13011-87308									
										CIRCLIP : 26-1.6A			
DL	4	2765	92.00	SJD10026ZZ	1	2.50	x	3.80	DISCONTINUE	50.50	- 1.20	75.00	149
DIESEL				13011-87310	2	2.00	x	3.80	13101-87325-000	95.00	- 5.20	28.00	 149
				13011-87311	O1	4.00	x	4.10					
				13011-87312									
				13011-87313									
										CIRCLIP : R-28			

EXPORT PISTONS



© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
HINO DIESEL ENGINE													
EH700	6	6400	110.00	SJH20043ZX	1	3.00	x	4.50	DISCONTINUE	69.50	- 16.80	90.00	59
DIESEL				13011-1620	2	2.50	x	4.50	13216-1180 13216-1181		- 24.30	39.00	
				13011-1620A	3	2.50	x	4.50		121.50			
				13011-2070A	O1	5.00	x	4.70					
				13011-2090							CIRCLIP : R-39		

EXPORT PISTONS



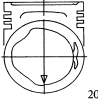
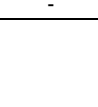
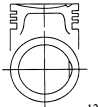
© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
HONDA GASOLINE ENGINE													
EP	4	1601	77.00	SWH30158ZZ	1	1.50	x	3.30	DISCONTINUE	28.00		67.00	1
GASOLINE				13011-689-005	2	1.50	x	3.30	13101-PC1-000 13101-PC1-010 13101-PC3-600	62.50	CIRCLIP : NONE	18.00	
				13011-689-015	O1	4.00	x	3.05					
				13011-PC3-601									
				13011-PC3-603									

EXPORT PISTONS



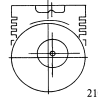


© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE	
						B mm	x	T mm		COMP. LENGTH mm	DIST mm			
HYUNDAI GASOLINE ENGINE														
G4EA	4	1341	71.50	SWG30016ZZ	1	1.50	x	2.65	DISCONTINUE	31.30	- 1.10	47.50	202	
GASOLINE				23040-22300 23040-22351	2	1.50	x	3.10	23410-22250,60,70 23410-22350,60,70	54.30		18.00		
					O1	3.00	x	2.85						
					CIRCLIP : NONE									
G4HA	4	798	63.00	SWG30020ZZ	1	1.20	x	2.25	DISCONTINUE	26.00	- 2.10	60.00	-	
GASOLINE				23040-02511	2	1.50	x	2.80	23410-02501 23410-02511 23410-02521	50.00		18.00		
					O1	2.80	x	2.75						
					CIRCLIP : NONE									
G4HC	4	999	66.00	SWG30018ZZ	1	1.20	x	2.25	11-8504	25.00	- 4.00	60.00	125	
GASOLINE				23040-02700	2	1.20	x	2.90	23410-02700 23410-02710 23410-02720	48.00		- 4.50	17.00	
					O1	2.50	x	2.75						
					CIRCLIP : NONE									

EXPORT PISTONS



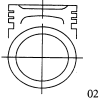
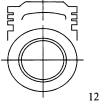
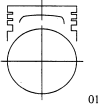
© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE	
						B mm	x	T mm		COMP. LENGTH mm	DIST mm			
HYUNDAI DIESEL ENGINE														
D4AF	4	3567	104.00	SDG30005ZX	1	3.0K	x	4.10	DISCONTINUE	60.70 - 10.00	84.00	210	 210	
DIESEL				23040-41200	2	2.00	x	4.20	23410-41200	- 19.00	34.00			
					O1	4.00	x	4.15		110.70				
										CIRCLIP : R-34				
D4BA	4	2400	91.10	SDG30011ZX	1	2.00	x	3.30	DISCONTINUE	48.70 - 1.80	75.00	206	 206	
DIESEL				23040-42200 23040-42202	2	2.00	x	3.80	23410-42201 23410-42211 23410-42221	- 2.40	29.00			
					O1	3.00	x	3.25		88.70				- 3.10
										CIRCLIP : 29-2.0A				
D4BA	4	2400	91.10	SDG30010ZX	1	2.00	x	3.30	DISCONTINUE	46.20 - 1.80	75.00	206	 206	
DIESEL				23040-42210	2	2.00	x	3.80	23410-42701 23410-42711 23410-42721	- 2.20	29.00			
					O1	3.00	x	3.25		76.20				- 3.00
										CIRCLIP : 29-2.0A				

EXPORT PISTONS



© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
ISUZU GASOLINE ENGINE													
4ZD1	4	2254	89.30	SWI10123ZZ	1	1.50	x	3.30	DISCONTINUE	39.00 - 5.20	78.00	2	
GASOLINE				8-94136-778-0	2	1.50	x	3.80	8-94156-657-0				
				8-94153-966-0	O1	4.00	x	3.05					
				8-94153-966-2									
G161Z	4	1600	82.00	SWI10012ZX	1	2.00	x	3.80	DISCONTINUE	37.00 + 0.50	66.00	12	
GASOLINE				8-12121-099	2	2.00	x	3.80	8-94200-645-0 8-94211-129-0				
				8-12181-113	O1	4.00	x	3.80					
				8-12181-141									
G200Z	4	1949	87.00	SWI10084ZZ	1	2.00	x	3.80	DISCONTINUE	37.00	76.00	1	
GASOLINE				8-94216-641-0	2	2.00	x	3.80	8-94213-831-0				
					O1	4.00	x	3.30					

EXPORT PISTONS



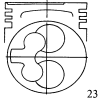
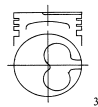
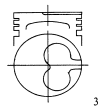
© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
ISUZU DIESEL ENGINE													
4BB1	4	3595	102.00	SJI10070AU	1	3.00	x	3.90	DISCONTINUE	62.80 - 0.40	87.50	178	
DIESEL				5-12121-005-0 5-12181-003 5-12181-015-0	2	2.50	x	3.90	5-12111-013-0	112.30	- 19.20	35.00	
					O1	5.00	x	4.70					
CIRCLIP : R-35													
4BE1	4	3636	105.00	SJI10118ZZ	1	3.00	x	4.40	DISCONTINUE	56.50 - 18.00	85.00	248	
DIESEL				8-94418-918-0	2	2.50	x	4.50	8-94478-116-0	95.70		35.00	
					O1	5.00	x	4.90					
CIRCLIP : R-35													
4BE1	4	3636	105.00	SJI10118ZZ	1	3.00	x	4.40	DISCONTINUE	56.50 - 0.40	85.00	262	
DIESEL				8-94418-918-0	2	2.50	x	4.50	8-94438-989-1 8-97176-644-1	95.70	- 18.00	35.00	
					O1	5.00	x	4.90					
CIRCLIP : R-35													
4JB1	4	2771	93.00	SDI10110ZZ	1	2.00	x	4.00	DISCONTINUE	51.80 - 7.50	78.00	254	
DIESEL				8-94247-867-0	2	2.00	x	4.00	8-94340-620-2	92.00	- 13.80	34.00	
					O1	4.00	x	4.10					
CIRCLIP : 34-1.8C													
4JA1	4	2500	93.00	NA	1	2.00	x		DISCONTINUE	47.80 - 8.80	76.00	178	
DIESEL					2	2.00	x		8-94152-712-1 8-94369-281-0	88.00	- 14.60	31.00	
					O1	4.00	x						
CIRCLIP : 31-1.8C													
4JB1	4	2771	93.00	SDI10110ZZ	1	2.00	x	4.00	DISCONTINUE	51.80 - 8.80	76.00	178	
DIESEL				8-94247-867-0	2	2.00	x	4.00	8-94152-711-1 8-94433-177-1	92.00	- 14.60	31.00	
					O1	4.00	x	4.10					
CIRCLIP : 31-1.8C													
6BB1	6	5393	102.00	SJI10065ZY	1	3.00	x	4.40	DISCONTINUE	62.80 - 0.40	87.50	178	
DIESEL				5-12121-005-0 5-12181-023-2	2	2.50	x	4.40	5-12111-013-0	112.30	- 19.20	35.00	
					O1	5.00	x	4.80					
CIRCLIP : R-35													
6BG1	6	6494	105.00	SJI10104ZZ	1	3.00	x	4.50	DISCONTINUE	55.50 - 0.40	87.50	262	
DIESEL				1-12121-065-0	2	2.50	x	4.70	1-12111-323-2 1-12111-377-4 1-12111-528-0 1-12111-529-0	95.00	- 19.00	35.00	
					O1	4.00	x	4.40					
CIRCLIP : R-35													
C190	4	1951	86.00	SDI10051ZZ	1	2.00	x	3.50	DISCONTINUE	51.50 - 0.30	72.00	233	
DIESEL				5-12181-027-0 5-12181-603-0 5-12181-605-0	2	2.00	x	3.50	5-12111-119-0 5-12111-203-0	95.60	- 2.00	27.00	
					3	2.00	x	3.50					
					O1	5.00	x	3.90					
CIRCLIP : R-27													

EXPORT PISTONS



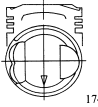
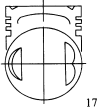
© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	C Y L	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
ISUZU DIESEL ENGINE													
C223T	4	2238	88.00	SJI10111ZZ	1	2.50	x	4.00	DISCONTINUE	47.60 - 1.80	68.00	233	 233
DIESEL				8-94158-084-0	2	2.00	x	3.55	8-94118-826-0	82.60	29.00	 31	
					O1	4.00	x	4.00					
										CIRCLIP : R-29			
C240	4	2369	86.00	SDI10051ZZ	1	2.00	x	3.50	DISCONTINUE	51.50 - 3.00	72.00		31
DIESEL				5-12181-027-0	2	2.00	x	3.50	5-12111-064-0 9-12111-813-0	95.60	27.00	 31	
				5-12181-603-0	3	2.00	x	3.50					
				5-12181-605-0	O1	5.00	x	3.90		CIRCLIP : R-27			

EXPORT PISTONS



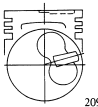
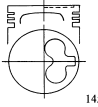
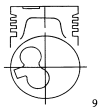
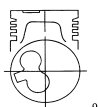
© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	C Y L	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
KIA GASOLINE ENGINE													
B1	4	1100	68.00	SWK30018ZZ	1	1.20	x	2.50	DISCONTINUE	31.90 + 0.60	52.00	174	 174
GASOLINE					2	1.50	x	3.10	KKY18-11-SAO				
					O1	3.00	x	2.95					
									CIRCLIP : NONE				
F8	4	1789	86.00	SWK30017ZZ	1	1.50	x	3.30	DISCONTINUE	34.00	67.00	175	 175
GASOLINE					2	1.50	x	3.80	KFY0-11-SAO				
					O1	4.00	x	3.25					
									CIRCLIP : NONE				

EXPORT PISTONS



© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
KIA DIESEL ENGINE													
J2	4	2665	94.50	SDK30004ZX	1	2.00	x	3.80	DISCONTINUE	50.00 - 2.00	76.00	209	 209
DIESEL				K4Z0-11-SCO K480-23-206	2	2.00	x	3.80	K6Z1-11-SAO	- 3.40	30.00		
					O1	3.00	x	4.35		84.60			
CIRCLIP : R-30													
NB-1	4	2184	86.00	SDK30013ZX	1	2.00	x	3.05	DISCONTINUE	47.20 - 1.40	68.00	145	 145
DIESEL				K7YO-11-SCO	2	2.00	x	3.60	K770-11-SAO	- 1.40	25.00		
					O1	3.00	x	4.15		86.30			
CIRCLIP : R-25													
RFA	4	2400	93.00	SDK30009ZZ	1	2.00	x	3.25	DISCONTINUE	48.20 - 1.80	96.00	95	 95
DIESEL				VNY1-11-SCO	2	2.00	x	3.70	VNY1-11-SAO	- 2.80	30.00		
					O1	3.00	x	3.25		85.20			
CIRCLIP : NONE													
SF	4	2400	92.00	SDK30005ZX	1	2.40	x	3.80	DISCONTINUE	50.60 - 1.90	75.00	95	 95
DIESEL				K7Z0-11-SCO	2	2.40	x	3.80	K7Z0-11-SAO K768-11-102	- 1.90	28.00		
					O1	4.00	x	4.10		94.50			
CIRCLIP : R-28													

EXPORT PISTONS



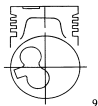
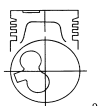
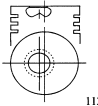
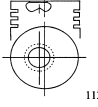
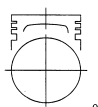
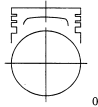
© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
MAZDA GASOLINE ENGINE													
F8	4	1789	86.00	SWT20048ZZ	1	1.50	x	3.30	DISCONTINUE	34.00		67.00	175
GASOLINE				F2Y1-11-SC0 F801-23-130	2	1.50	x	3.80	F801-23-200	71.00		21.98	
					O1	4.00	x	3.25					
										CIRCLIP : NONE			

EXPORT PISTONS



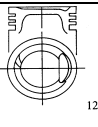
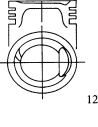
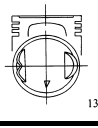
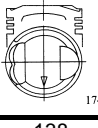
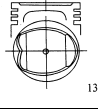
© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE	
						B mm	x	T mm		COMP. LENGTH mm	DIST mm			
MAZDA DIESEL ENGINE														
HA	4	2977	95.03	SDT20028ZX	1	2.38	x	3.80	DISCONTINUE	53.50 -	2.00	79.00	95	
DIESEL				1363-23-206 SE01-23-206	2	2.38	x	3.80	SE01-23-200A	100.50		30.00	 95	
					O1	4.76	x	4.30						
										CIRCLIP : R-30				
S2	4	2209	88.90	SDT20032ZX	1	2.38	x	3.50	DISCONTINUE	50.70 -	1.90	73.00	95	
DIESEL				1456-23-206	2	2.38	x	3.50	1456-23-200A	95.00		28.00	 95	
					O1	4.76	x	4.30						
										CIRCLIP : R-28				
SL	4	3455	100.00	SDT20046ZZ	1	2.50	x	4.20	DISCONTINUE	58.00 -	11.70	82.00	112	
DIESEL				SL07-23-206	2	2.00	x	4.20	SL07-23-200	105.00	-	21.30	 112	
					O1	4.50	x	4.20						34.00
										CIRCLIP : R-34				
SL	4	3445	100.00	SDT20046ZZ	1	2.50	x	4.20	DISCONTINUE	58.00 -	9.50	82.00	112	
DIESEL				SL50-11-SCO	2	2.50	x	4.20	SL50-11-SAO	105.00	-	18.50	 112	
					O1	4.50	x	4.20						34.00
										CIRCLIP : R-34				
XB	4	2701	92.00	SCT20022ZZ	1	2.38	x	3.60	DISCONTINUE	60.10		75.00	1	
DIESEL				0527-23-206 0528-23-206	2	2.38	x	3.60	0528-23-200	115.60		31.75	 01	
					3	2.38	x	3.60						
					O1	4.76	x	3.60						
					O2	4.76	x	3.60						
										CIRCLIP : R-32				
ZB	6	2701	92.00	SCT20024ZZ	1	2.38	x	3.60	DISCONTINUE	60.10		75.00	1	
DIESEL				0784-23-206	2	2.38	x	3.60	0528-23-200	115.60		31.75	 01	
					3	2.38	x	3.60						
					O1	4.76	x	3.60						
					O2	4.76	x	3.60						
										CIRCLIP : R-32				

EXPORT PISTONS



© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE	
						B mm	x	T mm		COMP. LENGTH mm	DIST mm			
MITSUBISHI GASOLINE ENGINE														
4G32	4	1597	76.90	SWM31005ZZ	1	2.00	x	3.50	DISCONTINUE	33.50 - 0.50	64.00	123		
GASOLINE				MD005885	2	2.00	x	3.50						MD004767 MD008861
				MD007251	O1	4.00	x	3.80						
				MD008105										
4G32	4	1597	76.90	SWM31005ZZ	1	2.00	x	3.50	DISCONTINUE	33.50 - 2.80	64.00	123		
GASOLINE				MD005885	2	2.00	x	3.50						MD004670 MD004761 MD008851
				MD007251	O1	4.00	x	3.80						
				MD008105										
4G63	4	1997	85.00	SWM31048ZZ	1	1.20	x	3.10	DISCONTINUE	35.40 - 1.70	62.00	137		
GASOLINE				MD133185	2	1.50	x	3.80						MD188289
				MD140923	O1	3.00	x	2.85						
				MD144245										
G63B	4	1997	85.00	SWM31013ZY	1	2.00	x	3.30	11-3042	35.00 + 2.00	72.00	174		
GASOLINE				MD040640	2	2.00	x	3.70						MD040821
				MD040840	O1	4.00	x	3.25						
				MD041580										
G63T	4	2000	85.00	SWM31013ZY	1	2.00	x	3.30	DISCONTINUE	35.00 - 2.70	72.00	138		
GASOLINE				MD040640	2	2.00	x	3.70						MD041641
				MD040840	O1	4.00	x	3.25						
				MD041580										

EXPORT PISTONS



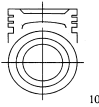
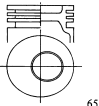
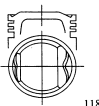
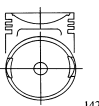
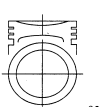
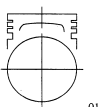
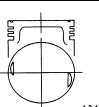
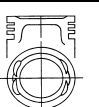
© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
MITSUBISHI, MITSUBISHI KATSURA DIESEL ENGINE													
4D31	4	3298	100.00	SDM31014ZZ	1	3.0K	x	4.00	DISCONTINUE	60.70 - 9.70	84.00	44	
DIESEL				ME012010 ME012070	2	2.00	x	4.20	ME012906	110.70	- 18.30	34.00	
					O1	5.00	x	4.80					
										CIRCLIP : R-34			
4D31T	4	3298	100.00	SDM31014ZZ	1	3.0K	x	4.00	DISCONTINUE	60.60 - 11.00	84.00	44	
DIESEL				ME012010 ME012070	2	2.00	x	4.20	ME012810	110.60	- 17.40	34.00	
					O1	5.00	x	4.80					
										CIRCLIP : R-34			
4D31T	4	3298	100.00	SDM31081ZX	1	3.0K	x	4.00	DISCONTINUE	60.60 - 11.00	84.00	210	
DIESEL				ME997398	2	2.00	x	4.20	ME012858	110.60	- 17.30	34.00	
					O1	4.00	x	4.15					
										CIRCLIP : R-34			
4D32	4	3567	104.00	SJM31098ZZ	1	3.0K	x	3.65	DISCONTINUE	60.70 - 5.50	84.00	237	
DIESEL				ME997318	2	2.00	x	4.20	ME018274	110.70	- 18.90	34.00	
					O1	4.00	x	4.40					
										CIRCLIP : R-34			
4D55T	4	2300	91.10	NA	1	2.5K	x		11-3043	48.70 - 2.30	75.00	206	
DIESEL					2	2.0K	x		MD050011	88.70	- 3.00	29.00	
					O1	4.00	x						
										CIRCLIP : 29-2.0A			
4D56	4	2300	91.10	SDM31038ZX	1	2.50	x	3.70	DISCONTINUE	48.70 - 2.30	75.00	206	
DIESEL				MD050390 MD103391	2	2.00	x	3.90	MD103318	88.70	- 3.00	29.00	
					O1	4.00	x	3.80					
										CIRCLIP : 29-2.0A			
4D65	4	1795	80.60	SDM31090ZX	1	2.0K	x	3.50	DISCONTINUE	41.80 - 1.20	68.00	172	
DIESEL				MD071206	2	2.0K	x	3.70	MD061985	78.80	- 2.00	25.00	
					O1	4.00	x	4.15					
										CIRCLIP : R-25			
6D31T	6	4948	100.00	SDM31088ZX	1	3.0K	x	4.00	DISCONTINUE	60.60 - 11.00	84.00	210	
DIESEL				ME997458 ME999783	2	2.00	x	4.20	ME012858	110.60	- 17.30	34.00	
					O1	4.00	x	4.15					
										CIRCLIP : R-34			

EXPORT PISTONS



© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
NISSAN GASOLINE ENGINE													
A15	4	1487	76.00	SWN30052ZZ	1	1.20	x	3.10	11-3208	30.00 -	2.80	63.00	10
GASOLINE				12033-H9820 12033-H9915 12033-H9918	2 O1	2.00 4.00	x x	3.40 3.25	12010-H9704	65.00		19.00	
										CIRCLIP : NONE			
A15S	4	1487	76.00	SWN30052ZZ	1	1.20	x	3.10	DISCONTINUE	30.00 -	6.50	63.00	65
GASOLINE				12033-H9820 12033-H9915 12033-H9918	2 O1	2.00 4.00	x x	3.40 3.25	12010-G3411 12010-G3421 12010-H9261	65.00		19.00	
										CIRCLIP : NONE			
CA16	4	1598	77.95	SWN30055ZY	1	1.50	x	2.90	DISCONTINUE	30.00 +	1.20	61.00	118
GASOLINE				12033-06E00 12033-D0120 12033-D0400	2 O1	1.50 4.00	x x	3.40 3.05	12010-06E01 12010-06E11 12010-D1101	66.30		20.00	
										CIRCLIP : NONE			
E13S	4	1270	76.00	SWN30057ZY	1	1.50	x	2.70	DISCONTINUE	32.50 -	6.50	62.00	142
GASOLINE				12033-01M02 12033-01M10 12033-01M12	2 O1	1.50 4.00	x x	3.40 3.05	12010-01M02 12010-01M12	62.50		19.00	
										CIRCLIP : NONE			
E15	4	1487	76.00	SWN30057ZY	1	1.50	x	2.70	DISCONTINUE	32.50 -	9.50	62.00	5
GASOLINE				12033-01M02 12033-01M10 12033-01M12	2 O1	1.50 4.00	x x	3.40 3.05	12010-31M02	62.50		19.00	
										CIRCLIP : NONE			
J18	4	1800	80.50	SWN30099ZZ	1	1.50	x	3.30	DISCONTINUE	32.50		66.50	1
GASOLINE				12033-N7900	2 O1	2.00 4.00	x x	3.70 3.30	12010-J22G0	65.50		21.00	
										CIRCLIP : NONE			
VG30E	6	2960	87.00	SWN30058ZZ	1	1.50	x	3.10	DISCONTINUE	32.00		64.00	134
GASOLINE				12033-03P10 12033-17V01 12033-21P10	2 O1	1.50 2.80	x x	3.80 3.10	12010-V7161 12010-V5961	67.00		21.00	
										CIRCLIP : NONE			
Z20	4	1952	85.00	SWN30086ZY	1	1.50	x	3.10	DISCONTINUE	32.00 -	3.70	72.00	124
GASOLINE				12033-24G00 12033-N8510 12033-N8520	2 O1	1.50 4.00	x x	3.70 3.20	12010-W1411 12010-W1421 12010-W1461	67.00		21.00	
										CIRCLIP : NONE			

EXPORT PISTONS



© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
NISSAN DIESEL ENGINE													
LD20	4	1952	85.00	SDN30098ZX	1	2.00	x	3.50	DISCONTINUE	46.50	- 2.00	67.00	146
DIESEL				12033-W1700	2	2.00	x	3.50	12010-W1762	86.40	- 3.30	25.00	
					O1	4.00	x	4.10					146
										CIRCLIP : R-25			
LD20	4	1952	85.00	SDN30098ZX	1	2.00	x	3.50	DISCONTINUE	46.50	- 2.00	67.00	31
DIESEL				12033-W1700	2	2.00	x	3.50	12010-18L02	86.40	- 3.30	25.00	
					O1	4.00	x	4.10	12010-W1702				31
										CIRCLIP : R-25			
ND6	6	6842	110.00	SDN31006ZZ	1	4.00	x	4.40	DISCONTINUE	68.30	- 23.00	95.00	60
DIESEL				12040-95004	2	3.00	x	4.40	12011-95000	113.30		36.00	
				12040-95006	O1	5.00	x	4.70					60
				12040-90127						CIRCLIP : 36-2.0B			
PD6	6	10308	125.00	SDN31007ZX	1	5.00	x	5.20	DISCONTINUE	82.00	- 29.70	108.00	162
DIESEL				12040-96000	2	3.50	x	5.20	12011-96000	132.00		46.00	
				12040-96004	O1	5.00	x	5.50	12011-96007				162
				12040-96007						CIRCLIP : 46-2.0B			
SD22	4	2164	83.00	SJN31003ZZ	1	2.50	x	3.30	11-3249	48.00	- 0.60	71.00	172
DIESEL				12033-76204	2	2.00	x	3.40	12010-J5310	96.00	- 2.00	26.00	
				12033-Y1410	3	2.00	x	3.40	12010-Y1411				172
				12033-Y3010	O1	4.50	x	3.90	12010-Y5210/11				
					O2	4.50		3.40		CIRCLIP : 26-1.6B			
SD23	4	2289	89.00	SDN31023ZZ	1	2.50	x	3.70	11-3290	48.00	- 0.60	74.00	172
DIESEL				12033-L2004	2	2.00	x	3.70	12010-09W10	90.00	- 1.70	26.00	
				12033-L2005	O1	4.50	x	4.20	12010-T6202/12				172
				12033-L2006					12010-T6272	CIRCLIP : 26-1.6B			
TD23	4	2289	89.00	SDN31037ZZ	1	2.50	x	3.70	DISCONTINUE	48.20	- 0.80	74.00	234
DIESEL				12033-02N00	2	2.00	x	3.70	12010-02N06/7	84.00	- 1.50	26.00	
				12033-02N10	O1	4.00	x	4.15	12010-02N16/7				234
										CIRCLIP : 26-1.6B			
TD25	4	2494	92.90	SDN31038ZZ	1	2.50	x	4.00	DISCONTINUE	50.20	- 0.50	80.00	234
DIESEL				12033-44G10	2	2.00	x	4.00	12010-44G02	87.00	- 0.80	28.00	
					O1	4.00	x	4.15					234
										CIRCLIP : 28-1.6B			
TD27	4	2663	96.00	SDN31035ZX	1	2.50	x	4.00	DISCONTINUE	50.20	- 1.50	80.00	234
DIESEL				12033-43G11	2	2.00	x	4.00	12010-43G02	87.00		28.00	
					O1	4.00	x	4.15	12010-43G12				234
										CIRCLIP : 28-1.6B			

EXPORT PISTONS



© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
NISSAN DIESEL ENGINE													
TD27	4	2663	96.00	SDN31035ZX	1	2.50	x	4.00	11-3301	50.20	- 1.50	80.00	234
DIESEL				12033-43G11	2	2.00	x	4.00	12010-10T02	87.00	CIRCLIP : 28-1.6B	28.00	
					O1	4.00	x	4.15					

EXPORT PISTONS



© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
SUZUKI GASOLINE ENGINE													
F8A	4	797	62.00	SWS20098ZZ	1	1.50	x	2.80	DISCONTINUE	27.50		49.50	1
GASOLINE				12140-73010	2	1.50	x	2.80	12111-73002	57.50	CIRCLIP : 16-1.0C	16.00	
					O1	2.80	x	2.85					

EXPORT PISTONS



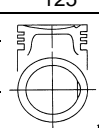
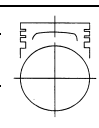
© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
TOYOTA GASOLINE ENGINE													
1E	4	999	70.50	SWT10104ZZ	1	1.50	x	2.70	DISCONTINUE	28.00 - 1.00	59.00	223	
GASOLINE				13011-10080	2	1.50	x	2.90	13101-10033	56.00	- 4.70		
					O1	3.00	x	3.05					
										CIRCLIP : NONE			
1S	4	1832	80.50	SWT10080ZZ	1	1.50	x	3.30	DISCONTINUE	33.00 - 0.50	66.00	154	
GASOLINE				13011-63010	2	1.50	x	3.65	13101-63010	68.00	- 4.00		
				13011-63011	O1	4.00	x	3.25					
				13011-63020									
										CIRCLIP : NONE			
2E	4	1295	73.00	SWT10105ZZ	1	1.50	x	2.70	DISCONTINUE	30.00 - 9.00	59.00	182	
GASOLINE				13011-11041	2	1.50	x	3.10	13101-11050	58.00			
				13011-11060	O1	3.00	x	2.95	13101-11051				
				13011-11061									
										CIRCLIP : NONE			
2E	4	1295	73.00	SWT10105ZZ	1	1.50	x	2.70	DISCONTINUE	30.00 - 7.20	59.00	182	
GASOLINE				13011-11041	2	1.50	x	3.10	13101-11040	58.00			
				13011-11060	O1	3.00	x	2.95					
				13011-11061									
										CIRCLIP : NONE			
2Y	4	1812	86.00	SWT10090ZZ	1	1.50	x	3.50	11-3759	35.00 - 2.20	66.00	67	
GASOLINE				13011-71010	2	1.50	x	4.00	13101-72010	70.00			
				13011-71020	O1	4.00	x	3.25					
				13011-71030									
										CIRCLIP : NONE			
3F	6	4230	94.00	SWT10106ZY	1	1.50	x	3.60	11-3794	37.50	75.00	1	
GASOLINE				13011-61060	2	1.50	x	4.00	13101-61030	79.50			
					O1	4.00	x	3.25					
										CIRCLIP : 22-1.6A			
5AF	4	1498	78.70	SWT10181ZZ	1	1.20	x	2.85	DISCONTINUE	30.50 - 1.30	56.00	258	
GASOLINE				13011-15100	2	1.50	x	3.50	13101-15050	55.50			
					O1	3.00	x	2.85					
										CIRCLIP : NONE			
5K	4	1486	80.50	SWT10099ZZ	1	1.50	x	3.30	DISCONTINUE	36.00 - 8.80	61.00	153	
GASOLINE				13011-13040	2	1.50	x	3.30	13101-13030	69.00			
				13011-13050	O1	4.00	x	3.65					
				13011-13090						CIRCLIP : 18-1.4A			
5K	4	1486	80.50	SWT10099ZZ	1	1.50	x	3.30	11-3729	36.00 - 3.00	61.00	5	
GASOLINE				13011-13040	2	1.50	x	3.30	13101-13040	69.00			
				13011-13050	O1	4.00	x	3.65					
				13011-13090						CIRCLIP : 18-1.4A			

EXPORT PISTONS



© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	C Y L	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE	
						B mm	x	T mm		COMP. LENGTH mm	DIST mm			
TOYOTA GASOLINE ENGINE														
5M	6	2759	83.00	SWT10072ZX 13011-43010 13011-43030 13011-43031	1	2.00	x	3.05	DISCONTINUE 13101-43030 13101-43031	33.00 - 3.80		66.00	 125	
GASOLINE					2	2.00	x	3.80		71.00	22.00			
					O1	4.00	x	3.30				CIRCLIP : 22-1.6A		
12R	4	1587	80.50	SWT10042ZZ 13011-31050 13011-31051 13011-31060	1	2.00	x	3.90	DISCONTINUE 13101-31020 13101-31021 13101-31022	39.00		66.00	 01	
GASOLINE					2	2.00	x	3.90		80.00	20.00			
					O1	4.00	x	3.75				CIRCLIP : 20-1.4A		

EXPORT PISTONS



© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
TOYOTA DIESEL ENGINE													
1C	4	1800	83.00	SDT10081ZX	1	2.0K	x	3.30	DISCONTINUE	47.00 - 1.00	58.00	209	
DIESEL				13011-64040	2	2.00	x	3.80	13101-64050	77.00	27.00		
				13011-64070	O1	3.00	x	4.00	13101-64100				
				13011-64080									
1HZ	6	4163	94.00	SDT10163ZZ	1	2.0K	x	3.50	DISCONTINUE	43.60 - 1.50	65.00	95	
DIESEL				13011-17010	2	2.00	x	4.00	13101-17010	80.50	29.00		
					O1	4.00	x	4.25					
1PZ	5	3500	94.00	SDT10163ZZ (6CYL)	1	2.0K	x	3.50	DISCONTINUE	43.60 - 1.50	66.00	95	
DIESEL				13011-17010	2	2.00	x	4.00	13101-17010	80.50	29.00		
					O1	4.00	x	4.25					
1W	4	4009	104.00	NA	1	2.50	x		DISCONTINUE	60.20 - 18.50	85.00	166	
DIESEL					2	2.00	x		13101-78020	106.50	35.00		
					O1	5.00	x		13101-78060				
2B	4	3200	98.00	SJT10084ZZ	1	2.5K	x	4.10	11-3807	52.30 - 2.80	79.00	105	
DIESEL				13011-57010	2	2.50	x	4.30	13101-57011	101.30	29.00		
					O1	4.50	x	4.40	13101-57020				
2C	4	2000	86.00	SDT10152ZZ	1	1.75K	x	2.90	DISCONTINUE	47.00 - 1.00	58.00	209	
DIESEL				13011-64170	2	2.00	x	3.60	13101-64090	77.00	27.00		
					O1	3.00	x	3.05					
2C	4	2000	86.00	SDT10155ZZ	1	2.0K	x	3.10	DISCONTINUE	47.00 - 1.40	58.00	209	
DIESEL				13011-64190	2	2.00	x	3.60	13101-64110	77.00	27.00		
					O1	3.00	x	3.05	13101-64141				
2D	6	6500	105.00	SJT10074ZZ	1	3.0K	x	4.00	DISCONTINUE	73.00 - 0.80	88.50	45	
DIESEL				13011-77040	2	2.50	x	4.40	13101-77020	133.00	34.00		
				13011-77041	3	2.50	x	4.40					
					O1	5.00	x	4.60					
2H	6	4000	91.00	SDT10075ZX	1	2.5K	x	4.00	DISCONTINUE	52.20 - 1.80	74.00	105	
DIESEL				13011-68010	2	2.50	x	4.00	13101-68010	102.20	29.00		
				13011-68020	O1	4.00	x	4.20					
				13011-96601									

EXPORT PISTONS



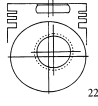
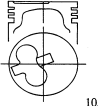
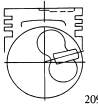
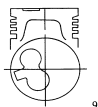
© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
TOYOTA DIESEL ENGINE													
2H	6	4000	91.00	SDT10075ZX	1	2.5K	x	4.00	DISCONTINUE	52.20 - 1.70	74.00	95	
DIESEL				13011-68010 13011-68020 13011-96601	2	2.50	x	4.00	13101-68011	90.20	29.00		
					O1	4.00	x	4.20					
										CIRCLIP : R-29			
2J	4	2500	88.00	SJT10050ZZ	1	2.5K	x	3.80	DISCONTINUE	52.20 - 2.00	74.00	95	
DIESEL				13011-48022 13011-48023 13011-48030	2	2.50	x	3.40	13081-48013 13081-48014 13081-48015	- 3.00	27.00		
					O1	4.00	x	4.20		102.00			
										CIRCLIP : 27-1.6A			
2L	4	2400	92.00	SDT10089ZZ	1	2.0K	x	3.35	DISCONTINUE	44.30 - 1.50	70.00	209	
DIESEL				13011-54060 13011-54061 13011-54062	2	2.00	x	4.05	13101-54070	80.30	27.00		
					O1	4.00	x	4.30					
										CIRCLIP : R-27			
3B	4	3500	102.00	SJT10087ZZ	1	2.5K	x	4.30	DISCONTINUE	55.20 - 2.50	72.00	209	
DIESEL				13011-58010 13011-58011	2	2.50	x	4.40	13101-58050	- 5.00	32.00		
					O1	4.50	x	4.40		101.20			
										CIRCLIP : R-32			
3B	4	3500	102.00	SJT10087ZZ	1	2.5K	x	4.30	DISCONTINUE	52.20 - 2.50	84.00	95	
DIESEL				13011-58010 13011-58011	2	2.50	x	4.40	13101-58011 13101-58012	- 5.00	32.00		
					O1	4.50	x	4.40		101.20			
										CIRCLIP : R-32			
3L	4	2800	96.00	SDT10124ZZ	1	2.0K	x	3.35	DISCONTINUE	42.30 - 2.00	74.00	209	
DIESEL				13011-54120	2	2.00	x	4.20	13101-54100 13101-54101	96.00	29.00		
					O1	4.00	x	4.35					
										CIRCLIP : R-29			
11B	4	3000	95.00	SDT10154ZZ	1	2.5K	x	3.50	DISCONTINUE	55.50 - 20.30	72.00	220	
DIESEL				13011-56040	2	2.00	x	4.30	13101-56060	95.00	32.00		
					O1	4.00	x	2.40					
										CIRCLIP : R-32			
13B	4	3500	102.00	SDT10136ZX	1	2.50	x	4.10	DISCONTINUE	63.50 - 15.00	84.00	112	
DIESEL				13011-58030	2	2.50	x	4.30	13101-58020	- 22.00	34.00		
					O1	4.50	x	4.60		104.40			
										CIRCLIP : R-34			
13BT	4	3400	102.00	NA	1	2.5K	x		DISCONTINUE	63.50 - 12.00	84.00	112	
DIESEL					2	2.50	x		13101-58030	- 20.00	34.00		
					O1	4.50	x			98.40			
										CIRCLIP : R-34			

EXPORT PISTONS



© 2012 NPR of America, Inc.

ENGINE MODEL FUEL TYPE	CYL	ENGINE SIZE CC	DIA mm	RING # for PISTON OEM NUMBER	P S T N	PISTON RING			NOA PISTON # OEM NUMBER	PISTON		PIN LENGTH DIA. mm	HEAD SHPE
						B mm	x	T mm		COMP. LENGTH mm	DIST mm		
TOYOTA DIESEL ENGINE													
14B	4	3700	102.00	SDT10135ZZ	1	2.5K	x	3.70	DISCONTINUE	52.00 - 18.70	72.00	220	 220
DIESEL				13011-58050	2	2.00	x	4.30	13101-58040	86.80	32.00	CIRCLIP : R-32	
					O1	4.00	x	4.35					
B	4	3000	95.00	SJT10070ZZ	1	2.5K	x	4.10	11-3799	52.30 - 2.50	79.00	105	 105
DIESEL				13011-56013	2	2.50	x	4.30	13101-56020/21 13101-56030/31	- 3.60	29.00	CIRCLIP : R-29	
				13011-56021	O1	4.50	x	4.30		101.30			
				13011-56022									
B	4	3000	95.00	SJT10070ZZ	1	2.5K	x	4.10	DISCONTINUE	52.20 - 2.50	72.00	209	 209
DIESEL				13011-56013	2	2.50	x	4.30	13101-56050	- 4.00	29.00	CIRCLIP : R-34	
				13011-56021	O1	4.50	x	4.30		95.50			
				13011-56022									
H	6	3600	88.00	SJT10051ZZ	1	2.5K	x	3.80	DISCONTINUE	52.20 - 1.40	74.00	95	 95
DIESEL				13011-47022	2	2.50	x	4.00	13081-47012 13081-47013	- 3.00	27.00	CIRCLIP : 27-1.6A	
				13011-47023	O1	4.00	x	4.20		102.00			

PISTON, RINGS - MEXICO APPLICATIONS



© 2012 NPR of America, Inc.

SECCION DE ANILLOS Y PISTONES PARA MEXICO

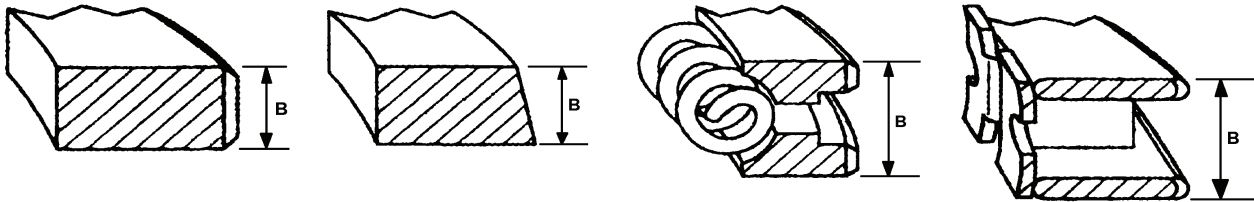
© 2012 NPR of America, Inc.

1	2	3	7	5	6	7	8
---	---	---	---	---	---	---	---

© 2012 NPR of America, Inc.

9	10	11	12	13	14	15
---	----	----	----	----	----	----

Piston Ring B: Width



- 1: Desplazamiento del motor por litro
- 2: Modelo (Aplicacion)
- 3: Año
- 4: Numero de Cilindros
- 5: Codigo de Motoro
- 6: Numero de Anillo NOA
- 7: Numero de Anillo CARPRO
- 8: Numero de Anillo Hastings
- 9: Numero de Piston NOA
- 10: Diametro del Cilindro
- 11: 1er. Anillo de compresor - B & E. Axial
- 12: 2ngo.. Anillo de compresor - B & E. Axial
- 13: 1er. Anillos de control de Aciete - B=E. Axial
- 14: 2ndo. Anillos de control de Aciete - B=E. Axial
- 15: Comentario (Grado del Vehiculo, Numero de Valvulas, V-Tech Turbo, etc)

SECCION DE ANILLOS Y PISTONES PARA MEXICO

© 2012 NPR of America, Inc.

MARCA APLICACION	MODELO	ANO	C I L	CODIGO DE MOTOR	NUMERO DE ANILLO NPR	CARPRO #	HASTINGS #
CHRYSLER							
1.00	ATOS	01-04	4	G4HC	SWG30018 (SWL03050)		2C5136
2.00	CIRRUS	95-00	4	420A	SWM31120	3021KM	2C4579
2.00	STRATUS	95-00	4	420A	SWM31120	3021KM	2C4579
2.20	DART	81-94	4	135CI	SWC10003	10445KM	2M5652
2.20	VOLARE MODELOS "K"	81-94	4	135CI	(SWL03080)	10445KM	2M5652
2.40	STRATUS	01-02	4	148CI	SWC10010 (SWL03220)	3132KM	
2.50	DART	81-94	4	153CI	SWC10003	10445KM	2M5652
2.50	VOLARE MODELOS "K"	81-94	4	153CI	(SWL03080)	10445KM	2M5652
2.70	INTREPID	98-01	V6	167CI	SWC10001 (SWL03042)		2M4946
3.30	VOYAGER	01-03	V6	201CI	SWC10002 (SWL03059)		2M5014
3.50	CONCORD	93-97	V6	214CI	SWC10005		2M4648
3.50	INTREPID	94-97	V6	214CI	(SWL03105)		2M4648
5.70	DAKOTA	96-03	V8	318CI	SWC10019 (SWC80027)	3015KM	2M148
5.90	MICROBUS	92-97	V8	360CI	SWF80011	3013KM	2M4726
5.90	PICK UP	92-97	V8	360CI	SWF80011	3013KM	2M4726
5.90	RAM CHARGER	92-97	V8	360CI	SWF80011	3013KM	2M4726
5.90	RAM	74-92	V8	360CI	SWF80016	9123KX	2C139
DODGE							
5.20	RAM	97-03	V8	318CI	SWC10020 (SWL03236)		2M4735
5.90	DURANGO	98-00	V8	360 cbi eng	SWF80016	9123KX	2M139



© 2012 NPR of America, Inc.

NUMERO DE PISTON NOA	DIA mm	DIA PULG.	RANURAS			COMENTARIOS
			COMP	COMP	ACEITE	
CHRYSLER						
X	66.00	2.598	1.20	1.20	2.50	
11-735	87.50	3.445	1.20	1.20	3.00	
11-735	87.50	3.445	1.50	1.20	3.00	
X	87.50	3.445	1.50	1.50	4.00	
X	87.50	3.445	1.50	1.50	4.00	
X	87.50	3.445	1.20	1.50	2.50	
X	87.50	3.445	1.50	1.50	4.00	
X	87.50	3.445	1.50	1.50	4.00	
X	86.00	3.386	1.50	1.50	3.00	
X	93.00	3.661	1.50	1.50	3.00	
X	96.00	3.780	1.20	1.50	3.00	
X	96.00	3.780	1.20	1.50	3.00	
X	99.31	3.910	5/64	5/64	3/16	
X	101.60	4.000	1.50	1.50	4.00	
X	101.60	4.000	1.50	1.50	4.00	
X	101.60	4.000	1.50	1.50	4.00	
X	101.60	4.000	5/64	5/64	3/16	
DODGE						
X	99.31	3.910	2.00	2.00	4.00	
X	101.60	4.000	5/64	5/64	3/16	

SECCION DE ANILLOS Y PISTONES PARA MEXICO

© 2012 NPR of America, Inc.

MARCA APLICACION	MODELO	AÑO	C I L	CODIGO DE MOTOR	NUMERO DE ANILLO NPR	CARPRO #	HASTINGS #
FORD							
1.30	FIESTA	98-02	4		SWT20052	3193KX	
1.60	KA	00-'06	4		SWF30017 (SWL03264)	3199KX	
1.90	ESCORT	87-96	4	116CI	SWF30010 (SWL03224)		
2.00	MONDEO	1998	4	121CI	SWF30002 (SWL03061)	3071KM	2M4887
2.00	CONTOUR	98-00	4	121CI		3071KM	2M4887
2.00	FOCUS	00-05	4	121CI		3071KM	2M4887
2.00	ESCORT	97-01	4	121CI		3071KM	2M4887
2.00	MYSTIQUE	95-97	4	121CI	SWF30007 (SWL03135)		
2.00	FOCUS	00-08	4	121CI	SWF30005 (SWL03109)		4889
2.30	RANGER	96-97	4	140CI	SWT20076 (SWF80019)	3204KM	4912
3.00	AEROSTAR	86-94	V6	VULCAN V6	SWI10155		4456
3.00	PROBE	90-92	V6	VULCAN V6			4456
3.00	RANGER	91-94	V6	VULCAN V6			4456
3.00	SABLE	86-95	V6	VULCAN V6			4456
3.00	TAURUS	86-94	V6	VULCAN V6			4456
3.00	TEMPO	92-94	V6	VULCAN V6			4456
3.00	TOPAZ	92-94	V6	VULCAN V6			4456
4.00	EXPLORER	90-00	V6	244CI		SWT20072	3038KM
4.20	CLUB WAGON	97-99	V6	256CI	SWF30004 (SWL03108)	3127KM	2M4888
4.20	ECONOLINE VAN	97-04	V6	256CI		3127KM	2M4888
4.20	F-150	98-04	V6	256CI		3127KM	2M4888
4.60	EXPEDITION	97-04	V8	281CI	SWF30006 (SWL03113)	3196KM	2M4628
5.40	LOBO	97-04	V8	TRITON		3196KM	2M4628
5.40	NAVIGATOR	97-04	V8	TRITON		3196KM	2M4628
5.40	TRITON	96-02	V8	330CI		3196KM	2C4628
5.80	F-250	76-93	V8	351CI	SWF80016	9123KX	2M139
5.80	PICK UP	72-95	V8	351CI	SWF80016	9123KX	2C139
6.80	TRITON	96-02	V10	415CI	SWF30019	3202KM	2C4814



© 2012 NPR of America, Inc.

NUMERO DE PISTON NOA	DIA mm	DIA PULG.	RANURAS			COMENTARIOS
			COMP	COMP	ACEITE	
FORD						
X	73.98	2.912	1.50	1.75	3.00	
X	82.00	3.228	1.20	1.50	2.00	
X	82.00	3.228	1.50	1.50	3.00	
X	84.80	3.339	1.50	1.75	3.00	
X	84.80	3.339	1.50	1.75	3.00	
X	80.80	3.181	1.50	1.75	3.00	
X	84.80	3.339	1.50	1.75	3.00	
X	84.86	3.341	1.50	1.75	3.00	
X	84.86	3.341	1.50	1.50	3.0	
X	96.01	3.780	1.50	1.50	3.0	
11-825	89.00	3.504	1.50	1.50	4.00	
11-825	89.00	3.504	1.50	1.50	4.00	
11-825	89.00	3.504	1.50	1.50	4.00	
11-825	89.00	3.504	1.50	1.50	4.00	
11-825	89.00	3.504	1.50	1.50	4.00	
11-825	89.00	3.504	1.50	1.50	4.00	
11-825	89.00	3.504	1.50	1.50	4.00	
X	100.40	3.953	1.60	1.75	3.50	
X	96.80	3.811	1.50	1.50	3.00	
X	96.80	3.811	1.50	1.50	3.00	
X	96.80	3.811	1.50	1.50	3.00	
11-810	90.20	3.552	1.50	1.50	3.00	
11-810	90.20	3.551	1.50	1.50	3.00	
11-810	90.20	3.551	1.50	1.50	3.00	
11-810	90.20	3.551	1.50	1.50	3.00	
X	101.60	4.000	5/64	5/64	3/16	
X	101.60	4.000	5/64	5/64	3/16	
11-812	90.20	3.551	1.50	1.50	3.00	

SECCION DE ANILLOS Y PISTONES PARA MEXICO

© 2012 NPR of America, Inc.

MARCA APLICACION	MODELO	ANO	C I L	CODIGO DE MOTOR	NUMERO DE ANILLO NPR	CARPRO #	HASTINGS #
GMC							
1.20	CHEVY	94-00	4	1.2S	SWE35264		
1.40	CHEVY	94-02	4	TBA	SWE35264		
1.60	JOY	96-01	4	TBA	SWE35384	3024KX	
1.60	SWING	96-01	4	TBA	SWE35384	3024KX	
1.60	CHEVY	96-01	4	TBA	SWE35384	3024KX	
1.60	CHEVY MONZA	95-98	4	TBA	SWE35384	3024KX	
2.00	CAVALIER	95-02	4	122CI	SWI10195	3161KM	2M6209
2.00	S-10 PICK UP	95-02	4	134 cbi	SWI10195	3161KM	2M6209
2.00	SUNFIRE	97-98	4	134 cbi	SWI10195	3161KM	2M6209
3.10	Malibu	97-99	V6	191 cbi eng	SWG10004 (SWL03093)		2C4888
3.40	VENTURE	00-06	V6	207 cbi	SWG10009 (SWL03116)		2C4903
5.40	PICK UP	62-92	V8	350CI	SWF80016	9123KX	2C139
5.70	SUBURBAN	92-97	V8	350CI	SWF80016	9123KX	2M139
5.70	MICROBUS	92-97	8	350CI	SWF80016	9123KX	2M139
HYUNDAI							
1.00	ATOS		4	G4HC	SWG30018 (SWL03050)		2C5136
1.10	ATOS II		4	G4HG	SWG30038		2C5298



© 2012 NPR of America, Inc.

NUMERO DE PISTON NOA	DIA mm	DIA PULG.	RANURAS			COMENTARIOS
			COMP	COMP	ACEITE	
GMC						
X	77.60	3.055	1.50	1.50	3.00	
X	77.60	3.055	1.50	1.50	3.00	
X	79.00	3.110	1.20	1.50	3.00	
X	79.00	3.110	1.20	1.50	3.00	
X	79.00	3.110	1.20	1.50	3.00	
X	79.00	3.110	1.20	1.50	3.00	
X	89.00	3.504	1.50	1.50	3.00	
X	89.00	3.504	1.50	1.50	3.00	
X	89.00	3.504	1.50	1.50	3.00	
X	89.00	3.504	1.20	1.50	3.00	
X	92.00	3.622	1.20	1.50	3.00	
X	101.60	4.000	5/64	5/64	3/16	
X	101.60	4.000	5/64	5/64	3/16	
X	101.60	4.000	5/64	5/64	3/16	
HYUNDAI						
11-8504	66.00	2.598	1.20	1.20	2.50	
X	67.00	2.638	1.20	1.20	2.00	

SECCION DE ANILLOS Y PISTONES PARA MEXICO

© 2012 NPR of America, Inc.

MARCA APLICACION	MODELO	ANO	C I L	CODIGO DE MOTOR	NUMERO DE ANILLO NPR	CARPRO #	HASTINGS #
JEEP							
3.70	LIBERTY	02-06	V6	226 cbi eng	SWC10002 (SWL03059)		2M5014
5.70	GRAND CHEROKEE LTD	06-ON	V8	345CI	SWC10016 (SWL03190)	3201 KM	
NISSAN							
1.50	TSURU I	84-92	4	E15, E16	SWN30057	10337KX	2C6151
1.60	TSURU II	84-92	4	E15	SWN30057	10337KX	2C6151
1.60	TSURU III	93-98	4	GA16D	SWN30104	3018KX	2C4659
1.60	SENTRA	89-94	4	1597CC	SWN30104	3018KX	2C4659
1.60	PULSAR	89-90	4	GA16i	SWG30097		4659
1.60	SENTRA	89-90	4	GA16i	SWG30097		4659
1.60	RENAULT CLIO	04-ON	4	TBA	NA		
1.60	PLATINA	04-ON	4	TBA	NA		
1.60	PLATINA	02-ON	4	1595cc	NA	3205KX	2C5135
1.60	RENAULT	02-ON	4	1595cc	NA	3205KX	2C5135
1.80	ESTAQUITAS	81-93	4	TBA	NA		
1.80	SAKURA	81-93	4	J18	SWN30099	10239KX	2C4476
1.80	TIIDA	07-10	4	MR18DE	SWN30154		2C5223
1.80	VERSA	07-10	4	MR18DE	SWN30154		2C5223
2.00	LUCINO GRS	96-00	4	SR20	SWN30102		2M4601
2.00	SENTRA GSS	96-99	4	SR20DE	SWN30102		2M4601
2.00	TSURU GRS	93-96	4	SR20	SWN30102		2M4601
2.00	RENAULT (GUAYIN)	80-86	4	TBA	NA		
2.00	SENTRA	08-10	4	MR20DE	SWN30154		2C5223
2.00	TSURU II	08-10	4	MR20DE	SWN30154		2C5223



© 2012 NPR of America, Inc.

NUMERO DE PISTON NOA	DIA mm	DIA PULG.	RANURAS			COMENTARIOS
			COMP	COMP	ACEITE	
JEEP						
11-806	93.00	3.661	1.50	1.50	3.00	
X	99.57	3.920	1.50	1.50	3.00	
NISSAN						
11-052M	76.00	2.992	1.50	1.50	4.00	
X	76.00	2.992	1.50	1.50	4.00	
X	76.00	2.992	1.50	1.50	2.80	
X	76.00	2.992	1.50	1.50	2.80	
11-590	76.00	2.992	1.50	1.50	2.80	
11-590	76.00	2.992	1.50	1.50	2.80	
X	79.50	3.130	1.20	1.50	2.50	
X	79.50	3.130	1.20	1.50	2.50	
X	79.50	3.130	1.20	1.50	2.50	
X	79.50	3.130	1.20	1.50	2.50	
X	80.50	3.169	1.50	2.00	4.00	
X	80.50	3.169	1.50	2.00	4.00	
11-849	84.00	3.307	1.20	1.20	2.00	
11-849	84.00	3.307	1.20	1.20	2.00	
X	86.00	3.386	1.50	1.50	3.00	
11-602	86.00	3.386	1.50	1.50	3.00	
X	86.00	3.386	1.50	1.50	3.00	
X	88.00	3.465	1.75	2.00	4.00	
X	84.00	3.307	1.20	1.20	2.00	
X	84.00	3.307	1.20	1.20	2.00	

SECCION DE ANILLOS Y PISTONES PARA MEXICO

© 2012 NPR of America, Inc.

MARCA APLICACION	MODELO	ANO	C I L	CODIGO DE MOTOR	NUMERO DE ANILLO NPR	CARPRO #	HASTINGS #
NISSAN							
2.40	DATSUN	94-98	4	KA24	SWN30096	10570KX	2C4660
2.40	URVAN KA24DE	99-04	4	KA24	SWN30096	10570KX	2C4660
2.50	ALTIMA	02-10	4	QR25DE	SWN30140		2C5099
2.50	FRONTIER	05-10	4	QR25DE	SWN30140		2C5099
2.50	SENTRA SE-R	02	4	QR25DE	SWN30140		2C5099
2.50	SENTRA SE-R	03-10	4	QR25DE	SWN30140		2C5099
3.00	300ZX	90-96	V6	VG30DETT	SWN30094	3091KM	2M6196
SUZUKI							
2.00	GRAND VITARA	99	4	J20A	SWS20178		2C4959
TOYOTA							
2.40	RAV4	04-06	4	2AZFE	SWT10182		

