

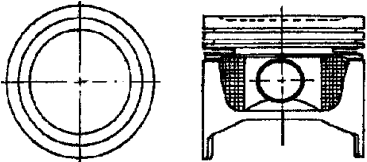
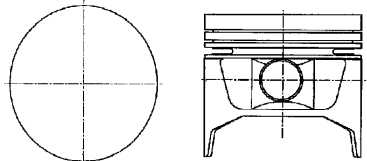
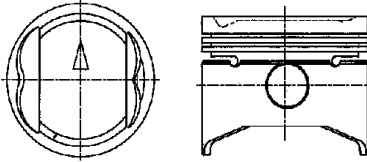
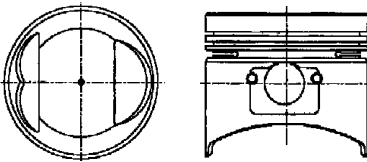
PISTON BUYER'S GUIDE

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



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RED = NEW INFORMATION

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION											
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	2ND	mm inch			mm inch	mm inch	mm inch	mm inch								
						OIL1															
						OIL2															
PAGE #		95		177				84.000		Tolerance is + / - (mm inch) :					0.0025	0.00010					
11-012	4	84.000	80.00	37.00		0.80	2.00	66.00	YELLOW:	83.9775	84.2275	84.4775	84.7275	84.9775							
		3.307	3.150	1.457	-	0.031	0.079	2.598		3.30620	3.31604	3.32589	3.33573	3.34557							
		PISTON RING #		Total Clearance				2.00		RED:		83.9675		84.2175		84.4675		84.7175		84.9675	
		mm		inch				0.079		3.30581		3.31565		3.32549		3.33533		3.34518			
SWI10056		-0.04		-0.00157				4.00		BLUE:		83.9625		84.2125		84.4625		84.7125		84.9625	
								0.157		3.30561		3.31545		3.32530		3.33514		3.34498			
		Cir Clip						22.00		GREEN:		83.9725		84.4725		84.7225		84.9725			
		NONE				SURFACE TREATMENT		0.866		REMARKS:		Measure for CYL		15.00 mm		from Bottom of					
		C17		NONE		NONE				Clearance:		0.591 inch		Skirt.							
PAGE #		97		177				87.000		Tolerance is + / - (mm inch) :					0.0025	0.00010					
11-016	4	87.000	80.00	37.00			1.50	77.00	YELLOW:	86.9775	87.2275	87.4775	87.7275	87.9775							
		3.425	3.150	1.457		0.059	0.059	3.031		3.42431	3.43415	3.44400	3.45384	3.46368							
		PISTON RING #		Total Clearance				1.50		RED:		86.9675		87.2175		87.4675		87.7175		87.9675	
		mm		inch				0.059		3.42392		3.43376		3.44360		3.45344		3.46329			
SWI10096		-0.04		-0.00157				4.00		BLUE:		86.9625		87.2125		87.4625		87.7125		87.9625	
								0.157		3.42372		3.43356		3.44341		3.45325		3.46309			
		Cir Clip						22.00		GREEN:		86.9725		87.4725		87.7225		87.9725			
		NONE				SURFACE TREATMENT		0.866		REMARKS:		Measure for CYL		10.00 mm		from Bottom of					
		C17		NONE		NONE				Clearance:		0.394 inch		Skirt.							
PAGE #		13						73.980		Tolerance is + / - (mm inch) :					0.003	0.00012					
11-020	4	74.000	58.00	29.00	-	1.50	1.50	60.00	YELLOW:	73.9730	74.2230	74.4730	74.7230	74.9730							
		2.913	2.283	1.142		0.059	0.059	2.362		2.91232	2.92217	2.93201	2.94185	2.95169							
		PISTON RING #		Total Clearance				1.50		RED:		73.9865		74.2365		74.4865		74.7365		74.9865	
		mm		inch				0.059		2.91285		2.92270		2.93254		2.94238		2.95222			
SWM31027		-0.04		-0.00157				4.00		BLUE:		73.9795		74.2295		74.4795		74.7295		74.9795	
								0.157		2.91258		2.92242		2.93226		2.94211		2.95195			
		Cir Clip						18.00		REMARKS:		Measure for CYL		10.00 mm		from Bottom of					
		NONE				SURFACE TREATMENT		0.709		Clearance:		0.394 inch		Skirt.							
		T01		NONE		NONE															
PAGE #		17		211				84.980		Tolerance is + / - (mm inch) :					0.0045	0.00018					
11-027	4	85.000	72.20	35.20	-	5.20	2.00	72.00	YELLOW:	84.9905	85.2405	85.4905	85.7405	85.9905							
		3.346	2.843	1.386		0.205	0.079	2.835		3.34608	3.35593	3.36577	3.37561	3.38545							
		PISTON RING #		Total Clearance				2.00		WHITE:		84.9825		85.2325		85.4825		85.7325		85.9825	
		mm		inch				0.30		3.34577		3.35561		3.36545		3.37530		3.38514			
SWM31013		-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			
		Cir Clip						21.00		GREEN:		84.9775		85.2275		85.4775		85.7275		85.9775	
		NONE				SURFACE TREATMENT		0.827		REMARKS:		Measure for CYL		30.00 mm		from Bottom of					
		J05		NONE		NONE				Clearance:		1.181 inch		Skirt.							

PISTON BUYER'S GUIDE

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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION								
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)			
		BORE	LENGTH	COMP.	+	DIST.			2ND	mm	mm	mm	mm	mm		
		mm inch	mm inch	mm inch	-	mm inch			OIL1 OIL2	inch	inch	inch	inch	inch		
PAGE #		21	213					91.100	Tolerance is + / - (mm inch) :					0.0025	0.00010	
11-028	4	91.100	88.70	48.70	-	2.30	2.50	75.00	YELLOW:	91.0775	91.3275	91.5775	91.8275	92.0775		
		3.587	3.492	1.917		0.091	0.098	2.953		3.58573	3.59557	3.60541	3.61526	3.62510		
PISTON RING #		Total Clearance				2.60	2.00		RED:	91.0675	91.3175	91.5675	91.8175	92.0675		
		mm inch				0.10	0.079			3.58533	3.59518	3.60502	3.61486	3.62470		
SDM31038		-0.1016 -0.00400					4.00	29.00	BLUE:	91.0625	91.3125	91.5625	91.8125	92.0625		
							0.157	1.142		3.58514	3.59498	3.60482	3.61467	3.62451		
									GREEN:	91.0725	91.3225	91.5725	91.8225	92.0725		
										3.58553	3.59537	3.60522	3.61506	3.62490		
									REMARKS:							
									Measure for CYL		10.00 mm	from Bottom of				
									Clearance:		0.394 inch	Skirt.				
PAGE #		29	215						91.070	Tolerance is + / - (mm inch) :					0.0045	0.00018
11-031	4	91.100	77.20	35.20			2.00	75.00	YELLOW:	91.0805	91.3305	91.5805	91.8305	92.0805		
		3.587	3.039	1.386		0.079	2.953	3.58585		3.59569	3.60553	3.61537	3.62522			
PISTON RING #		Total Clearance					2.00		WHITE:	91.0725	91.3225	91.5725	91.8225	92.0725		
		mm inch					0.079			3.58553	3.59537	3.60522	3.61506	3.62490		
SWM31047		-0.04 -0.00157					4.00	22.00	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		
									GREEN:	91.0675	91.3175	91.5675	91.8175	92.0675		
										3.58533	3.59518	3.60502	3.61486	3.62470		
									REMARKS:							
									Measure for CYL		37.50 mm	from Bottom of				
									Clearance:		1.476 inch	Skirt.				
PAGE #		29	31			205	215		91.100	Tolerance is + / - (mm inch) :					0.0025	0.00010
11-035	4	91.100	78.30	36.00	+	0.30	1.50	79.00	YELLOW:	91.0775	91.3275	91.5775	91.8275	92.0775		
		3.587	3.083	1.417		0.012	0.059	3.110		3.58573	3.59557	3.60541	3.61526	3.62510		
PISTON RING #		Total Clearance					1.50		RED:	91.0675	91.3175	91.5675	91.8175	92.0675		
		mm inch					0.059			3.58533	3.59518	3.60502	3.61486	3.62470		
SWM31039		-0.04 -0.00157					4.00	22.00	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		
									GREEN:	91.0725	91.3225	91.5725	91.8225	92.0725		
										3.58553	3.59537	3.60522	3.61506	3.62490		
									REMARKS:							
									Measure for CYL		25.00 mm	from Bottom of				
									Clearance:		0.984 inch	Skirt.				
PAGE #		221							75.980	Tolerance is + / - (mm inch) :					0.003	0.00012
11-049	4	76.000	65.00	30.00	-	6.50	1.20	63.00	YELLOW:	75.9730	76.2230	76.4730	76.7230	76.9730		
		2.992	2.559	1.181		0.256	0.047	2.480		2.99106	3.00091	3.01075	3.02059	3.03043		
PISTON RING #		Total Clearance					2.00		RED:	75.9865	76.2365	76.4865	76.7365	76.9865		
		mm inch					0.079			2.99159	3.00144	3.01128	3.02112	3.03096		
SWN30052		-0.04 -0.00157					4.00	19.00	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		
									REMARKS:							
									Measure for CYL		10.00 mm	from Bottom of				
									Clearance:		0.394 inch	Skirt.				
PAGE #		221														
11-049	4	76.000	65.00	30.00	-	6.50	1.20	63.00	YELLOW:	75.9730	76.2230	76.4730	76.7230	76.9730		
		2.992	2.559	1.181		0.256	0.047	2.480		2.99106	3.00091	3.01075	3.02059	3.03043		
PISTON RING #		Total Clearance					2.00		RED:	75.9865	76.2365	76.4865	76.7365	76.9865		
		mm inch					0.079			2.99159	3.00144	3.01128	3.02112	3.03096		
SWN30052		-0.04 -0.00157					4.00	19.00	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		
									REMARKS:							
									Measure for CYL		10.00 mm	from Bottom of				
									Clearance:		0.394 inch	Skirt.				
PAGE #		221														
11-049	4	76.000	65.00	30.00	-	6.50	1.20	63.00	YELLOW:	75.9730	76.2230	76.4730	76.7230	76.9730		
		2.992	2.559	1.181		0.256	0.047	2.480		2.99106	3.00091	3.01075	3.02059	3.03043		
PISTON RING #		Total Clearance					2.00		RED:	75.9865	76.2365	76.4865	76.7365	76.9865		
		mm inch					0.079			2.99159	3.00144	3.01128	3.02112	3.03096		
SWN30052		-0.04 -0.00157					4.00	19.00	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		
									REMARKS:							
									Measure for CYL		10.00 mm	from Bottom of				
									Clearance:		0.394 inch	Skirt.				
PAGE #		221														
11-049	4	76.000	65.00	30.00	-	6.50	1.20	63.00	YELLOW:	75.9730	76.2230	76.4730	76.7230	76.9730		
		2.992	2.559	1.181		0.256	0.047	2.480		2.99106	3.00091	3.01075	3.02059	3.03043		
PISTON RING #		Total Clearance					2.00		RED:	75.9865	76.2365	76.4865	76.7365	76.9865		
		mm inch					0.079			2.99159	3.00144	3.01128	3.02112	3.03096		
SWN30052		-0.04 -0.00157					4.00	19.00	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		
									REMARKS:							
									Measure for CYL		10.00 mm	from Bottom of				
									Clearance:		0.394 inch	Skirt.				
PAGE #		221														
11-049	4	76.000	65.00	30.00	-	6.50	1.20	63.00	YELLOW:	75.9730	76.2230	76.4730	76.7230	76.9730		
		2.992	2.559	1.181		0.256	0.047	2.480		2.99106	3.00091	3.01075	3.02059	3.03043		
PISTON RING #		Total Clearance					2.00		RED:	75.9865	76.2365	76.4865	76.7365	76.9865		
		mm inch					0.079			2.99159	3.00144	3.01128	3.02112	3.03096		
SWN30052		-0.04 -0.00157					4.00	19.00	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		
									REMARKS:							
									Measure for CYL		10.00 mm	from Bottom of				
									Clearance:		0.394 inch	Skirt.				
PAGE #		221														
11-049	4	76.000	65.00	30.00	-	6.50	1.20	63.00	YELLOW:	75.9730	76.2230	76.4730	76.7230	76.9730		
		2.992	2.559	1.181		0.256	0.047	2.480		2.99106	3.00091	3.01075	3.02059	3.03043		
PISTON RING #		Total Clearance					2.00		RED:	75.9865	76.2365	76.4865	76.7365	76.9865		
		mm inch					0.079			2.99159	3.00144	3.01128	3.02112	3.03096		
SWN30052		-0.04 -0.00157					4.00	19.00	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		
									REMARKS:							
									Measure for CYL		10.00 mm	from Bottom of				
									Clearance:		0.394 inch	Skirt.				
PAGE #		221														
11-049	4	76.000	65.00	30.00	-	6.50	1.20	63.00	YELLOW:	75.9730	76.2230	76.4730	76.7230	76.9730		
		2.992	2.559	1.181		0.256	0.047	2.480		2.99106	3.00091	3.01075	3.02059	3.03043		
PISTON RING #		Total Clearance					2.00		RED:	75.9865	76.2365	76.4865	76.7365	76.9865		
		mm inch					0.079			2.99159	3.00144	3.01128	3.02112	3.03096		
SWN30052		-0.04 -0.00157					4.00	19.00	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		
									REMARKS:							
									Measure for CYL		10.00 mm	from Bottom of				
									Clearance:		0.394 inch	Skirt.				
PAGE #		221														
11-049	4	76.000	65.00	30.00	-	6.50	1.20	63.00	YELLOW:	75.9730	76.2230	76.4730	76.7230	76.9730		
		2.992	2.559	1.181		0.256	0.047	2.480		2.99106	3.00091	3.01075	3.02059	3.03043		
PISTON RING #		Total Clearance					2.00		RED:	75.9865	76.2365	76.4865				

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



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



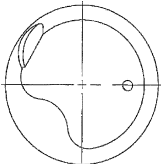
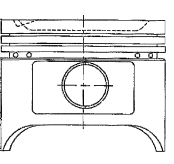
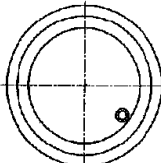
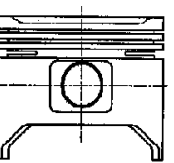
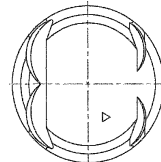
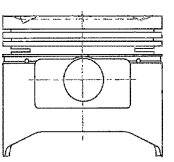
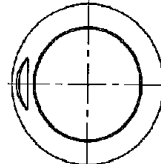
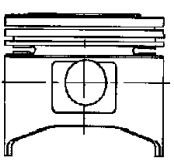
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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION								
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)		
		BORE mm inch	LENGTH mm inch	COMP. mm inch	+	DIST. mm inch	2ND			mm inch	mm inch	mm inch	mm inch	mm inch		
							OIL1			MID	MID	MID	MID			
							OIL2									
PAGE #		157							74.000	Tolerance is + / - (mm inch) :					0.0025	0.00010
11-111	4	74.000	59.80	29.80	-	4.70	1.20	56.00	YELLOW:	73.9775	74.2275	74.4775	74.7275	74.9775		
		2.913	2.354	1.173		0.185	0.047			2.205	2.91250	2.92234	2.93219	2.94203	2.95187	
		PISTON RING #		Total Clearance			1.20				73.9675	74.2175	74.4675	74.7175	74.9675	
		mm		inch		0.047		2.91211	2.92195	2.93179	2.94163	2.95148				
SWH30253		-0.04		-0.00157		2.80	19.00	73.9625	74.2125	74.4625	74.7125	74.9625				
						0.110	0.748	2.91191	2.92175	2.93159	2.94144	2.95128				
 						Cir Clip		REMARKS:	Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch							
						NONE	SURFACE TREATMENT									
							NONE									
						C17	NONE									
PAGE #		161							74.000	Tolerance is + / - (mm inch) :					0.0025	0.00010
11-113	4	74.000	57.50	27.50	-	2.50	1.50	62.00	YELLOW:	73.9775	74.2275	74.4775	74.7275	74.9775		
		2.913	2.264	1.083		0.098	0.059			2.441	2.91250	2.92234	2.93219	2.94203	2.95187	
		PISTON RING #		Total Clearance			1.50				73.9675	74.2175	74.4675	74.7175	74.9675	
		mm		inch		0.059		2.91211	2.92195	2.93179	2.94163	2.95148				
SWH30114		-0.04		-0.00157		4.00	17.00	73.9625	74.2125	74.4625	74.7125	74.9625				
						0.157	0.669	2.91191	2.92175	2.93159	2.94144	2.95128				
 						Cir Clip		REMARKS:	Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch							
						NONE	SURFACE TREATMENT									
							NONE									
						C17	NONE									
PAGE #		161							79.950	Tolerance is + / - (mm inch) :					0.003	0.00012
11-122	4	80.000	65.30	29.80	-	0.50	1.50	61.00	YELLOW:	79.9430	80.1930	80.4430	80.6930	80.9430		
		3.150	2.571	1.173		0.020	0.059			2.402	3.14736	3.15720	3.16705	3.17689	3.18673	
		PISTON RING #		Total Clearance			3.30			1.50	79.9565	80.2065	80.4565	80.7065	80.9565	
		mm		inch		0.13	0.059	3.14789	3.15774	3.16758	3.17742	3.18726				
SWH30251		-0.04		-0.00157		2.20	20.00	79.9495	80.1995	80.4495	80.6995	80.9495				
						0.09	0.787	3.14762	3.15746	3.16730	3.17715	3.18699				
 						Cir Clip		REMARKS:	Measure for CYL Clearance: 30.00 mm from Bottom of Skirt. 1.181 inch							
						NONE	SURFACE TREATMENT									
							NONE									
						T01	NONE									
PAGE #		199							76.970	Tolerance is + / - (mm inch) :					0.003	0.00012
11-124	4	77.000	61.80	29.00	+	0.80	1.50	65.00	YELLOW:	76.9630	77.2130	77.4630	77.7130	77.9630		
		3.031	2.433	1.142		0.031	0.059			2.559	3.03004	3.03988	3.04972	3.05957	3.06941	
		PISTON RING #		Total Clearance			2.00				76.9765	77.2265	77.4765	77.7265	77.9765	
		mm		inch		0.079		3.03057	3.04041	3.05026	3.06010	3.06994				
SWT20045		-0.04		-0.00157		4.00	20.00	76.9695	77.2195	77.4695	77.7195	77.9695				
						0.157	0.787	3.03030	3.04014	3.04998	3.05982	3.06967				
 						Cir Clip		REMARKS:	Measure for CYL Clearance: 15.00 mm from Bottom of Skirt. 0.591 inch							
						NONE	SURFACE TREATMENT									
							NONE									
						T01	NONE									

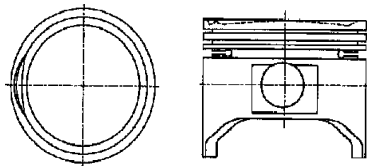
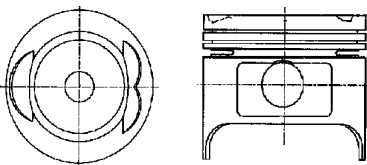
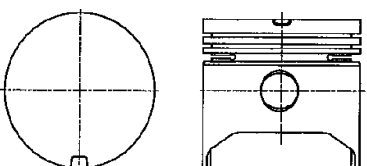
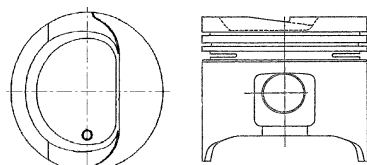
PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION								
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH	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	+ - inch	DIST. mm inch	2ND			mm inch						
							OIL1									
							OIL2									
PAGE #		199					77.000 Tolerance is + / - (mm inch) : 0.0025 0.00010									
11-127	4	77.000	60.60	28.60	-	2.00	1.50	65.00	YELLOW:	76.9775	77.2275	77.4775	77.7275	77.9775		
		3.031	2.386	1.126		0.079	0.059			2.559	3.03061	3.04045	3.05030	3.06014	3.06998	
		PISTON RING #		Total Clearance						2.00	RED:	76.9675	77.2175	77.4675	77.7175	77.9675
		mm	inch			0.079	3.03022	3.04006	3.04990	3.05974		3.06959				
SWT20045		-0.04	-0.00157			4.00	20.00	BLUE:	76.9625	77.2125	77.4625	77.7125	77.9625			
						0.157	0.787		3.03002	3.03986	3.04970	3.05955	3.06939			
						Cir Clip		SURFACE TREATMENT	REMARKS:	Measure for CYL Clearance: 1.00 mm from Bottom of Skirt. 0.039 inch				0.0025	0.00010	
						NONE										NONE
						C17	NONE									NONE
PAGE #		185 201					86.000 Tolerance is + / - (mm inch) : 0.0025 0.00010									
11-129	4	86.000	70.80	34.00	-	2.60	1.50	67.00	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775		
		3.386	2.787	1.339		0.102	0.059			2.638	3.38494	3.39478	3.40463	3.41447	3.42431	
		PISTON RING #		Total Clearance						1.50	RED:	85.9675	86.2175	86.4675	86.7175	86.9675
		mm	inch			0.059	3.38455	3.39439	3.40423	3.41407		3.42392				
SWT20048		-0.04	-0.00157			4.00	22.00	BLUE:	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		SURFACE TREATMENT	REMARKS:	Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch				0.0025	0.00010	
						NONE										NONE
						C17	NONE									NONE
PAGE #		253					75.000 Tolerance is + / - (mm inch) : 0.0025 0.00010									
11-140	4	75.000	75.00	36.00		2.00	2.00	61.00	YELLOW:	74.9775	75.2275	75.4775	75.7275	75.9775		
		2.953	2.953	1.417		0.079	2.402			2.95187	2.96171	2.97156	2.98140	2.99124		
		PISTON RING #		Total Clearance						2.00	RED:	74.9675	75.2175	75.4675	75.7175	75.9675
		mm	inch			0.079	2.95148	2.96132	2.97116	2.98100		2.99085				
SWT10052		-0.04	-0.00157			4.00	18.00	BLUE:	74.9625	75.2125	75.4625	75.7125	75.9625			
						0.157	0.709		2.95128	2.96112	2.97096	2.98081	2.99065			
						Cir Clip		SURFACE TREATMENT	REMARKS:	Measure for CYL Clearance: 12.00 mm from Bottom of Skirt. 0.472 inch				0.0025	0.00010	
																NONE
						C17	NONE									NONE
PAGE #		253					75.000 Tolerance is + / - (mm inch) : 0.0025 0.00010									
11-141	4	75.000	69.00	36.00	-	4.00	1.50	61.00	YELLOW:	74.9775	75.2275	75.4775	75.7275	75.9775		
		2.953	2.717	1.417		0.157	0.059			2.402	2.95187	2.96171	2.97156	2.98140	2.99124	
		PISTON RING #		Total Clearance						1.50	RED:	74.9675	75.2175	75.4675	75.7175	75.9675
		mm	inch			0.059	2.95148	2.96132	2.97116	2.98100		2.99085				
SWT10109		-0.04	-0.00157			4.00	18.00	BLUE:	74.9625	75.2125	75.4625	75.7125	75.9625			
						0.157	0.709		2.95128	2.96112	2.97096	2.98081	2.99065			
						Cir Clip		SURFACE TREATMENT	REMARKS:	Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch				0.0025	0.00010	
																NONE
						C17	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)



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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	+ - - inch	DIST. mm inch	2ND	LENGTH		mm inch	mm inch	mm inch	mm inch	mm inch
							OIL1	DIA.						
							OIL2	mm						
PAGE #		253					77.500 Tolerance is + / - (mm inch) : 0.0025 0.00010							
11-142	4	77.500	61.00	31.00	-	3.20	1.50	61.00	YELLOW:	77.4775	77.7275	77.9775	78.2275	78.4775
		3.051	2.402	1.220		0.126	0.059	2.402		3.05030	3.06014	3.06998	3.07982	3.08967
PISTON RING #		Total Clearance				1.50		18.00	RED:	77.4675	77.7175	77.9675	78.2175	78.4675
		mm	inch			0.059				3.04990	3.05974	3.06959	3.07943	3.08927
SWT10078		-0.04	-0.00157			2.80		0.709	BLUE:	77.4625	77.7125	77.9625	78.2125	78.4625
						0.110				3.04970	3.05955	3.06939	3.07923	3.08907
				Cir Clip				GREEN:	77.4725	77.7225	77.9725	78.2225	78.4725	
				NONE		SURFACE TREATMENT			3.05010	3.05994	3.06978	3.07963	3.08947	
				C17		NONE			REMARKS: Measure for CYL Clearance: 10.00 mm 0.394 inch from Bottom of Skirt.					
PAGE #		253					77.500 Tolerance is + / - (mm inch) : 0.0025 0.00010							
11-143	4	77.500	61.00	31.00	-	3.00	1.50	61.00	YELLOW:	77.4775	77.7275	77.9775	78.2275	78.4775
		3.051	2.402	1.220		0.118	0.059	2.402		3.05030	3.06014	3.06998	3.07982	3.08967
PISTON RING #		Total Clearance				1.50		18.00	RED:	77.4675	77.7175	77.9675	78.2175	78.4675
		mm	inch			0.059				3.04990	3.05974	3.06959	3.07943	3.08927
SWT10078		-0.04	-0.00157			2.80		0.709	BLUE:	77.4625	77.7125	77.9625	78.2125	78.4625
						0.110				3.04970	3.05955	3.06939	3.07923	3.08907
				Cir Clip				GREEN:	77.4725	77.7225	77.9725	78.2225	78.4725	
				NONE		SURFACE TREATMENT			3.05010	3.05994	3.06978	3.07963	3.08947	
				C17		NONE			REMARKS: Measure for CYL Clearance: 10.00 mm 0.394 inch from Bottom of Skirt.					
PAGE #		93 253					80.980 Tolerance is + / - (mm inch) : 0.003 0.00012							
11-144	4	81.000	60.50	30.50	-	3.00	1.50	61.00	YELLOW:	80.9730	81.2230	81.4730	81.7230	81.9730
		3.189	2.382	1.201		0.118	0.059	2.402		3.18791	3.19776	3.20760	3.21744	3.22728
PISTON RING #		Total Clearance				1.50		18.00	RED:	80.9865	81.2365	81.4865	81.7365	81.9865
		mm	inch			0.059				3.18844	3.19829	3.20813	3.21797	3.22781
SWT10108		-0.04	-0.00157			2.80		0.709	BLUE:	80.9795	81.2295	81.4795	81.7295	81.9795
						0.110				3.18817	3.19801	3.20785	3.21770	3.22754
				Cir Clip				REMARKS:						
				NONE		SURFACE TREATMENT			Measure for CYL Clearance: 13.00 mm 0.512 inch from Bottom of Skirt.					
				T01		NONE								
PAGE #		253					84.970 Tolerance is + / - (mm inch) : 0.003 0.00012							
11-145	4	85.000	91.10	39.00	+	6.10	2.00	66.00	YELLOW:	84.9630	85.2130	85.4630	85.7130	85.9630
		3.346	3.587	1.535		0.240	0.079	2.598		3.34500	3.35484	3.36469	3.37453	3.38437
PISTON RING #		Total Clearance				2.00		22.00	RED:	84.9765	85.2265	85.4765	85.7265	85.9765
		mm	inch			0.079				3.34553	3.35537	3.36522	3.37506	3.38490
SWT10040		-0.04	-0.00157			4.00		0.866	BLUE:	84.9695	85.2195	85.4695	85.7195	85.9695
						0.157				3.34526	3.35510	3.36494	3.37478	3.38463
				Cir Clip				REMARKS:						
				NONE		SURFACE TREATMENT			Measure for CYL Clearance: 25.00 mm 0.984 inch from Bottom of Skirt.					
				T01		NONE								

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	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	2ND			mm	mm	mm	mm	mm	
						OIL1			inch	inch	inch	inch	inch	
						OIL2			mm	mm	mm	mm	mm	
PAGE #		255												
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	3.37492
PISTON RING #		Total Clearance				1.50								
		mm		inch		0.059								
SWT10059		-0.04		-0.00157		4.00		22.00						
						0.157		0.866						
				Cir Clip										
				NONE		SURFACE TREATMENT								
						NONE								
				T01		NONE								
PAGE #		255				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	3.52295	
PISTON RING #		Total Clearance				2.50								
		mm		inch		0.098								
SWT10043		-0.04		-0.00157		4.00		22.00						
						0.157		0.866						
				Cir Clip										
						SURFACE TREATMENT								
						NONE								
				T01		NONE								
PAGE #		257				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	3.41498
PISTON RING #		Total Clearance				1.50								
		mm		inch		0.059								
SWT10090		-0.04		-0.00157		4.00		22.00						
						0.157		0.866						
				Cir Clip										
				NONE		SURFACE TREATMENT								
						NONE								
				J05		NONE								
PAGE #		257				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	3.51289
PISTON RING #		Total Clearance				2.50								
		mm		inch		0.098								
SWT10043		-0.04		-0.00157		4.00		22.00						
						0.157		0.866						
				Cir Clip										
						SURFACE TREATMENT								
						NONE								
				J05		NONE								

PISTON BUYER'S GUIDE

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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
PAGE #		263												
11-171	6	90.000	95.50	47.50			3.00	80.00	YELLOW:	89.9905	90.2405	90.4905	90.7405	90.9905
		3.543	3.760	1.870			0.118	3.150		3.54293	3.55278	3.56262	3.57246	3.58230
PISTON RING #		Total Clearance							WHITE:	89.9825	90.2325	90.4825	90.7325	90.9825
		mm		inch						3.54262	3.55246	3.56230	3.57215	3.58199
SWT10026		-0.04		-0.00157						89.9695	90.2195	90.4695	90.7195	90.9695
										3.54211	3.55195	3.56179	3.57163	3.58148
								89.9775	90.2275	90.4775	90.7275	90.9775		
								3.54242	3.55226	3.56211	3.57195	3.58179		
								REMARKS:						
								Measure for CYL						
								Clearance:						
								mm						
								from Bottom of						
								Skirt.						
PAGE #		265												
11-174	6	94.000	95.50	47.22	+	6.50	2.00	72.00	YELLOW:	93.9630	94.2130	94.4630	94.7130	94.9630
		3.701	3.760	1.859		0.256	0.079	2.835		3.69933	3.70917	3.71902	3.72886	3.73870
PISTON RING #		Total Clearance							RED:	93.9765	94.2265	94.4765	94.7265	94.9765
		mm		inch						3.69986	3.70970	3.71955	3.72939	3.73923
SWT10049		-0.04		-0.00157						93.9695	94.2195	94.4695	94.7195	94.9695
										3.69959	3.70943	3.71927	3.72911	3.73896
								REMARKS:						
								Measure for CYL						
								Clearance:						
								15.00 mm						
								from Bottom of						
								Skirt.						
PAGE #		265												
11-175	6	94.000	95.80	47.58	+	0.30	2.00	72.00	YELLOW:	93.9775	94.2275	94.4775	94.7275	94.9775
		3.701	3.772	1.873		0.012	0.079	2.835		3.69990	3.70974	3.71959	3.72943	3.73927
PISTON RING #		Total Clearance							RED:	93.9675	94.2175	94.4675	94.7175	94.9675
		mm		inch						3.69951	3.70935	3.71919	3.72904	3.73888
SWT10049		-0.04		-0.00157						93.9625	94.2125	94.4625	94.7125	94.9625
										3.69931	3.70915	3.71900	3.72884	3.73868
								93.9725	94.2225	94.4725	94.7225	94.9725		
								3.69970	3.70955	3.71939	3.72923	3.73907		
								REMARKS:						
								Measure for CYL						
								Clearance:						
								15.00 mm						
								from Bottom of						
								Skirt.						
PAGE #		225												
11-236	4	87.000	67.00	32.00	-	2.20	1.50	72.00	YELLOW:	86.9630	87.2130	87.4630	87.7130	87.9630
		3.425	2.638	1.260		0.087	0.059	2.835		3.42374	3.43358	3.44343	3.45327	3.46311
PISTON RING #		Total Clearance							RED:	86.9765	87.2265	87.4765	87.7265	87.9765
		mm		inch						3.42427	3.43411	3.44396	3.45380	3.46364
SWN30054		-0.04		-0.00157						86.9695	87.2195	87.4695	87.7195	87.9695
										3.42400	3.43384	3.44368	3.45352	3.46337
								REMARKS:						
								Measure for CYL						
								Clearance:						
								10.00 mm						
								from Bottom of						
								Skirt.						

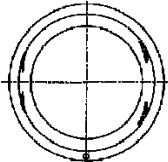
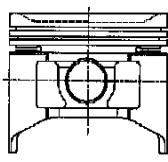
PISTON BUYER'S GUIDE

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



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RED = NEW INFORMATION

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION								
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	+ - mm inch	DIST. mm inch	2ND			mm inch	mm inch	mm inch	mm inch	mm inch		
							OIL1			MID	MID	MID	MID			
							OIL2									
PAGE #		225							89.000	Tolerance is + / - (mm inch) :					0.0025	0.00010
11-238	4	89.000 3.504	70.40 2.772	33.80 1.331	-	4.00 0.157	2.00 0.079	66.50 2.618	YELLOW:	88.9775 3.50305	89.2275 3.51289	89.4775 3.52274	89.7275 3.53258	89.9775 3.54242		
PISTON RING #		Total Clearance					1.50 0.059		RED:	88.9675 3.50266	89.2175 3.51250	89.4675 3.52234	89.7175 3.53219	89.9675 3.54203		
SWN30085		mm inch					4.00 0.157	21.00 0.827								
		-0.04 -0.00157							BLUE:	88.9625 3.50246	89.2125 3.51230	89.4625 3.52215	89.7125 3.53199	89.9625 3.54183		
										GREEN:	88.9725 3.50285	89.2225 3.51270	89.4725 3.52254	89.7225 3.53238	89.9725 3.54222	
				Cir Clip			SURFACE TREATMENT		REMARKS:							
				NONE			NONE		Measure for CYL							
				C17			NONE		Clearance: 10.00 mm from Bottom of Skirt.							
									0.394 inch							

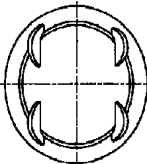
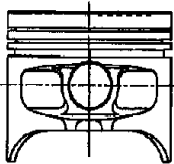
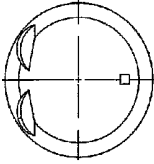
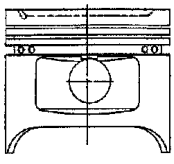
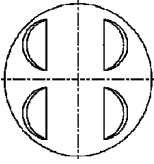
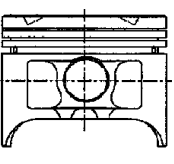
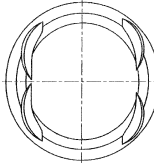
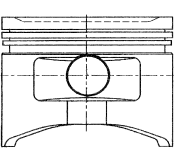
PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	+ - mm inch	DIST. mm inch	2ND			mm	mm	mm	mm	mm
							OIL1			inch	inch	inch	inch	
							OIL2			mm	mm	mm	mm	
PAGE #		159					75.000 Tolerance is + / - (mm inch) : 0.0025 0.00010							
11-514	4	75.000	59.60	29.50	-	1.00	1.20	56.00	YELLOW:	74.9775	75.2275	75.4775	75.7275	75.9775
		2.953	2.346	1.161		0.039	0.047	2.205		2.95187	2.96171	2.97156	2.98140	2.99124
PISTON RING #		Total Clearance					1.50	19.00 0.748	RED:	74.9675	75.2175	75.4675	75.7175	75.9675
		mm	inch			0.059	2.95148			2.96132	2.97116	2.98100	2.99085	
SWH30362		-0.04	-0.00157			2.80	74.9625			75.2125	75.4625	75.7125	75.9625	
						0.110	2.95128			2.96112	2.97096	2.98081	2.99065	
				Cir Clip			19.00 0.748	GREEN:	74.9725	75.2225	75.4725	75.7225	75.9725	
									2.95167	2.96152	2.97136	2.98120	2.99104	
					NONE	SURFACE TREATMENT			REMARKS:					
					NONE	NONE			Measure for CYL					
				C17	NONE				Clearance:		30.00 mm	from Bottom of Skirt.		
									1.181 inch					
PAGE #		159					74.000 Tolerance is + / - (mm inch) : 0.0025 0.00010							
11-515	4	74.000	59.80	29.80	-	2.70	1.50	56.00	YELLOW:	73.9775	74.2275	74.4775	74.7275	74.9775
		2.913	2.354	1.173		0.106	0.059	2.205		2.91250	2.92234	2.93219	2.94203	2.95187
PISTON RING #		Total Clearance					1.50	19.00 0.748	RED:	73.9675	74.2175	74.4675	74.7175	74.9675
		mm	inch			0.059	2.91211			2.92195	2.93179	2.94163	2.95148	
SWH30186		-0.04	-0.00157			4.00	73.9625			74.2125	74.4625	74.7125	74.9625	
						0.157	2.91191			2.92175	2.93159	2.94144	2.95128	
				Cir Clip			19.00 0.748	GREEN:	73.9725	74.2225	74.4725	74.7225	74.9725	
									2.91230	2.92215	2.93199	2.94183	2.95167	
					NONE	SURFACE TREATMENT			REMARKS:					
					NONE	NONE			Measure for CYL					
				C17	NONE				Clearance:		17.50 mm	from Bottom of Skirt.		
									0.689 inch					
PAGE #		159					75.000 Tolerance is + / - (mm inch) : 0.0025 0.00010							
11-518	4	75.000	60.80	30.80			1.20	56.00	YELLOW:	74.9775	75.2275	75.4775	75.7275	75.9775
		2.953	2.394	1.213			0.047	2.205		2.95187	2.96171	2.97156	2.98140	2.99124
PISTON RING #		Total Clearance					1.50	19.00 0.748	RED:	74.9675	75.2175	75.4675	75.7175	75.9675
		mm	inch			0.059	2.95148			2.96132	2.97116	2.98100	2.99085	
SWH30365		-0.04	-0.00157			2.80	74.9625			75.2125	75.4625	75.7125	75.9625	
						0.110	2.95128			2.96112	2.97096	2.98081	2.99065	
				Cir Clip			19.00 0.748	GREEN:	74.9725	75.2225	75.4725	75.7225	75.9725	
									2.95167	2.96152	2.97136	2.98120	2.99104	
					NONE	SURFACE TREATMENT			REMARKS:					
					NONE	NONE			Measure for CYL					
				C17	NONE				Clearance:		10.00 mm	from Bottom of Skirt.		
									0.394 inch					
PAGE #		161					82.680 Tolerance is + / - (mm inch) : 0.0045 0.00018							
11-519	4	82.700	65.30	29.80	-	2.40	1.50	62.00	YELLOW:	82.6905	82.9405	83.1905	83.4405	83.6905
		3.256	2.571	1.173		0.094	0.059	2.441		3.25553	3.26537	3.27522	3.28506	3.29490
PISTON RING #		Total Clearance					1.50	20.00 0.787	WHITE:	82.6825	82.9325	83.1825	83.4325	83.6825
		mm	inch			0.059	3.25522			3.26506	3.27490	3.28474	3.29459	
SWH30366		-0.04	-0.00157			4.00	82.6695			82.9195	83.1695	83.4195	83.6695	
						0.157	3.25470			3.26455	3.27439	3.28423	3.29407	
				Cir Clip			20.00 0.787	GREEN:	82.6775	82.9275	83.1775	83.4275	83.6775	
									3.25502	3.26486	3.27470	3.28455	3.29439	
					NONE	SURFACE TREATMENT			REMARKS:					
					NONE	NONE			Measure for CYL					
				J05	NONE				Clearance:		30.00 mm	from Bottom of Skirt.		
									1.181 inch					

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
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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 MID	inch MID	inch MID	inch MID	inch MID
PAGE #		161												
11-520	4	82.700	65.20	29.80	-	1.70	1.50	61.00	YELLOW:	82.6905	82.9405	83.1905	83.4405	83.6905
		3.256	2.567	1.173		0.067	0.059	2.402		3.25553	3.26537	3.27522	3.28506	3.29490
PISTON RING #		Total Clearance				2.90	1.50	20.00	WHITE:	82.6825	82.9325	83.1825	83.4325	83.6825
		mm	inch			0.11	0.059			3.25522	3.26506	3.27490	3.28474	3.29459
SWH30366		-0.04	-0.00157			1.90	4.00	0.787	BLUE:	82.6695	82.9195	83.1695	83.4195	83.6695
						0.07	0.157			3.25470	3.26455	3.27439	3.28423	3.29407
									GREEN:	82.6775	82.9275	83.1775	83.4275	83.6775
										3.25502	3.26486	3.27470	3.28455	3.29439
									REMARKS:					
									Measure for CYL		0.00 mm	from Bottom of		
									Clearance:		0.000 inch	Skirt.		
PAGE #		159												
11-521	4	74.000	59.70	29.70	-	3.30	1.00	56.00	YELLOW:					
		2.913	2.350	1.169		0.130	0.039	2.205						
PISTON RING #		Total Clearance					1.20	19.00	RED:					
		mm	inch				0.047							
SWH30374		-0.04	-0.00157				2.80	0.748	BLUE:					
							0.110							
									GREEN:					
									REMARKS:					
									Measure for CYL		10.00 mm	from Bottom of		
									Clearance:		0.394 inch	Skirt.		
PAGE #		161												
11-524	4	81.000	65.20	29.80	-	2.00	1.20	62.00	YELLOW:	80.9775	81.2275	81.4775	81.7275	81.9775
		3.189	2.567	1.173		0.079	0.047	2.441		3.18809	3.19793	3.20778	3.21762	3.22746
PISTON RING #		Total Clearance					1.50	20.00	RED:	80.9675	81.2175	81.4675	81.7175	81.9675
		mm	inch				0.059			3.18770	3.19754	3.20738	3.21722	3.22707
SWH30375		-0.04	-0.00157				2.80	0.787	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
									REMARKS:					
									Measure for CYL		9.00 mm	from Bottom of		
									Clearance:		0.354 inch	Skirt.		
PAGE #		161												
11-525	4	81.000	65.40	30.80	-	2.10	1.20	57.00	YELLOW:	80.9775	81.2275	81.4775	81.7275	81.9775
		3.189	2.575	1.213		0.083	0.047	2.244		3.18809	3.19793	3.20778	3.21762	3.22746
PISTON RING #		Total Clearance					1.50	22.00	RED:	80.9675	81.2175	81.4675	81.7175	81.9675
		mm	inch				0.059			3.18770	3.19754	3.20738	3.21722	3.22707
SWH30375		-0.04	-0.00157				2.80	0.866	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
									REMARKS:					
									Measure for CYL		9.00 mm	from Bottom of		
									Clearance:		0.354 inch	Skirt.		



PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
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EX: -0.04 (Total) / 2 = -0.02 (one side)



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	+	DIST.	2ND			mm	mm	mm	mm	mm	
		mm inch	mm inch	mm inch	-	mm inch	OIL1 OIL2			inch	inch	inch	inch	inch	
PAGE #		21	169	213						Tolerance is + / - (mm inch) :					
11-538	4	86.500 3.406	72.40 2.850	34.90 1.374	+	0.50 0.020	1.50 0.059	72.00 2.835	YELLOW:	86.4775 3.40463	86.7275 3.41447	86.9775 3.42431	87.2275 3.43415	87.4775 3.44400	
		PISTON RING #		Total Clearance		+	0.30 0.01	1.50 0.059		RED:	86.4675 3.40423	86.7175 3.41407	86.9675 3.42392	87.2175 3.43376	87.4675 3.44360
		SWM31037		mm	inch			4.00 0.157			21.00 0.827	BLUE:	86.4625 3.40404	86.7125 3.41388	86.9625 3.42372
		-0.04		-0.00157					GREEN:	86.4725 3.40443	86.7225 3.41427	86.9725 3.42411	87.2225 3.43396	87.4725 3.44380	
				Cir Clip				NONE	SURFACE TREATMENT		REMARKS:				
				NONE					NONE		Measure for CYL				
				C17		NONE			NONE		Clearance:				
PAGE #		17	211						84.954		Tolerance is + / - (mm inch) :		0.0045	0.00018	
11-539	4	85.000 3.346	72.30 2.846	35.20 1.386	-	5.00 0.197	1.50 0.059	72.00 2.835	YELLOW:	84.9645 3.34506	85.2145 3.35490	85.4645 3.36474	85.7145 3.37459	85.9645 3.38443	
		PISTON RING #		Total Clearance		-	7.30 0.29	1.50 0.059		WHITE:	84.9565 3.34474	85.2065 3.35459	85.4565 3.36443	85.7065 3.37427	85.9565 3.38411
		SWM31044		mm	inch			4.00 0.157			21.00 0.827	BLUE:	84.9435 3.34423	85.1935 3.35407	85.4435 3.36392
		-0.04		-0.00157					GREEN:	84.9515 3.34455	85.2015 3.35439	85.4515 3.36423	85.7015 3.37407	85.9515 3.38392	
				Cir Clip				NONE	SURFACE TREATMENT		REMARKS:				
				NONE					NONE		Measure for CYL				
				J05		NONE			NONE		Clearance:				
PAGE #		17	213						85.000		Tolerance is + / - (mm inch) :		0.0025	0.00010	
11-540	4	85.000 3.346	67.00 2.638	35.00 1.378	-	2.10 0.083	1.20 0.047	66.00 2.598	YELLOW:	84.9775 3.34557	85.2275 3.35541	85.4775 3.36526	85.7275 3.37510	85.9775 3.38494	
		PISTON RING #		Total Clearance			1.50 0.059			RED:	84.9675 3.34518	85.2175 3.35502	85.4675 3.36486	85.7175 3.37470	85.9675 3.38455
		SWM31048		mm	inch			3.00 0.118			21.00 0.827	BLUE:	84.9625 3.34498	85.2125 3.35482	85.4625 3.36467
		-0.04		-0.00157					GREEN:	84.9725 3.34537	85.2225 3.35522	85.4725 3.36506	85.7225 3.37490	85.9725 3.38474	
				Cir Clip				NONE	SURFACE TREATMENT		REMARKS:				
				NONE					NONE		Measure for CYL				
				C17		NONE			NONE		Clearance:				
PAGE #		33	215						91.100		Tolerance is + / - (mm inch) :		0.0025	0.00010	
11-543	6	91.100 3.587	66.50 2.618	32.00 1.260	+	0.50 0.020	1.20 0.047	64.00 2.520	YELLOW:	91.0775 3.58573	91.3275 3.59557	91.5775 3.60541	91.8275 3.61526	92.0775 3.62510	
		PISTON RING #		Total Clearance			1.50 0.059			RED:	91.0675 3.58533	91.3175 3.59518	91.5675 3.60502	91.8175 3.61486	92.0675 3.62470
		SWM31078		mm	inch			3.00 0.118			22.00 0.866	BLUE:	91.0625 3.58514	91.3125 3.59498	91.5625 3.60482
		-0.04		-0.00157					GREEN:	91.0725 3.58553	91.3225 3.59537	91.5725 3.60522	91.8225 3.61506	92.0725 3.62490	
				Cir Clip				NONE	SURFACE TREATMENT		REMARKS:				
				NONE					NONE		Measure for CYL				
				C17		NONE			NONE		Clearance:				

PISTON BUYER'S GUIDE

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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	inch	mm	inch	mm	inch	mm	inch
							OIL1	DIA.									
							OIL2	mm									
PAGE #		13	211														
11-545	4	80.600	72.00	34.00	+	4.00	1.50	64.00	YELLOW:	80.5775	80.8275	81.0775	81.3275	81.5775			
		3.173	2.835	1.339		0.157	0.059	2.520		3.17234	3.18219	3.19203	3.20187	3.21171			
		PISTON RING #		Total Clearance				1.50			80.5675	80.8175	81.0675	81.3175	81.5675		
		mm		inch		0.059			RED:	3.17195	3.18179	3.19163	3.20148	3.21132			
SWM31041		-0.04		-0.00157		4.00		19.00	BLUE:	80.5625	80.8125	81.0625	81.3125	81.5625			
						0.157		0.748	GREEN:	3.17175	3.18159	3.19144	3.20128	3.21112			
										80.5725	80.8225	81.0725	81.3225	81.5725			
										3.17215	3.18199	3.19183	3.20167	3.21152			
										REMARKS:							
										Measure for CYL							
										Clearance:							
										15.00 mm							
										0.591 inch							
										from Bottom of Skirt.							

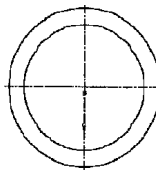
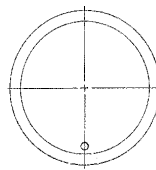
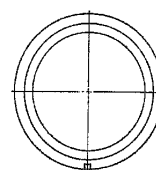
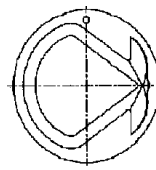
PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION																				
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	+ - mm inch	DIST. mm inch	2ND			mm	mm	mm	mm	mm														
							OIL1			inch	inch	inch	inch															
							OIL2			mm	mm	mm	mm															
PAGE #		179								89.300 Tolerance is + / - (mm inch) : 0.0025 0.00010																		
11-554	4	89.300	81.00	39.00	-	5.20	1.50	77.00		YELLOW:	89.2775	89.5275	89.7775	90.0275	90.2775													
		3.516	3.189	1.535		0.205	0.059	3.031			3.51486	3.52470	3.53455	3.54439	3.55423													
		PISTON RING #		Total Clearance						RED:	89.2675	89.5175	89.7675	90.0175	90.2675													
SW10123			mm			inch					3.51447	3.52431	3.53415	3.54400	3.55384													
			-0.04			-0.00157				BLUE:	89.2625	89.5125	89.7625	90.0125	90.2625													
											3.51427	3.52411	3.53396	3.54380	3.55364													
										GREEN:	89.2725	89.5225	89.7725	90.0225	90.2725													
											3.51467	3.52451	3.53435	3.54419	3.55404													
										REMARKS:																		
Cir Clip											Measure for CYL	30.00 mm		from Bottom of														
											Clearance:	1.181 inch		Skirt.														
PAGE #		179								92.600 Tolerance is + / - (mm inch) : 0.0025 0.00010																		
11-555	4	92.600	79.00	36.50	-	1.40	1.50	72.00		YELLOW:	92.5775	92.8275	93.0775	93.3275	93.5775													
		3.646	3.110	1.437		0.055	0.059	2.835			3.64478	3.65463	3.66447	3.67431	3.68415													
		PISTON RING #		Total Clearance						RED:	92.5675	92.8175	93.0675	93.3175	93.5675													
SW10144			mm			inch					3.64439	3.65423	3.66407	3.67392	3.68376													
			-0.04			-0.00157				BLUE:	92.5625	92.8125	93.0625	93.3125	93.5625													
											3.64419	3.65404	3.66388	3.67372	3.68356													
										GREEN:	92.5725	92.8225	93.0725	93.3225	93.5725													
											3.64459	3.65443	3.66427	3.67411	3.68396													
										REMARKS:																		
Cir Clip											Measure for CYL	25.00 mm		from Bottom of														
											Clearance:	0.984 inch		Skirt.														
PAGE #		177								88.000 Tolerance is + / - (mm inch) : 0.0025 0.00010																		
11-558	4	88.000	80.10	37.00	-	2.00	1.50	77.00		YELLOW:	87.9775	88.2275	88.4775	88.7275	88.9775													
		3.465	3.154	1.457		0.079	0.059	3.031			3.46368	3.47352	3.48337	3.49321	3.50305													
		PISTON RING #		Total Clearance						RED:	87.9675	88.2175	88.4675	88.7175	88.9675													
SW10133			mm			inch					3.46329	3.47313	3.48297	3.49281	3.50266													
			-0.04			-0.00157				BLUE:	87.9625	88.2125	88.4625	88.7125	88.9625													
											3.46309	3.47293	3.48278	3.49262	3.50246													
										GREEN:	87.9725	88.2225	88.4725	88.7225	88.9725													
											3.46348	3.47333	3.48317	3.49301	3.50285													
										REMARKS:																		
Cir Clip											Measure for CYL	10.00 mm		from Bottom of														
											Clearance:	0.394 inch		Skirt.														
PAGE #		165 179								92.600 Tolerance is + / - (mm inch) : 0.0025 0.00010																		
11-559	4	92.600	79.00	36.50	-	4.50	1.50	72.00		YELLOW:	92.5775	92.8275	93.0775	93.3275	93.5775													
		3.646	3.110	1.437		0.177	0.059	2.835			3.64478	3.65463	3.66447	3.67431	3.68415													
		PISTON RING #		Total Clearance						RED:	92.5675	92.8175	93.0675	93.3175	93.5675													
SW10144			mm			inch					3.64439	3.65423	3.66407	3.67392	3.68376													
			-0.04			-0.00157				BLUE:	92.5625	92.8125	93.0625	93.3125	93.5625													
											3.64419	3.65404	3.66388	3.67372	3.68356													
										GREEN:	92.5725	92.8225	93.0725	93.3225	93.5725													
											3.64459	3.65443	3.66427	3.67411	3.68396													
										REMARKS:																		
Cir Clip											Measure for CYL	25.00 mm		from Bottom of														
											Clearance:	0.984 inch		Skirt.														
PAGE #		165 179								92.600 Tolerance is + / - (mm inch) : 0.0025 0.00010																		

PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION													
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	2ND	mm			mm	mm	mm	mm								
						OIL1	inch			inch	inch	inch	inch								
						OIL2	mm			mm	mm	mm	mm								
PAGE #		61	203						86.000	Tolerance is + / - (mm inch) :			0.0025	0.00010							
11-573	4	86.000	71.40	36.50	~	9.50	1.50	67.00	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775							
		3.386	2.811	1.437		0.374	0.059	2.638		3.38494	3.39478	3.40463	3.41447	3.42431							
		PISTON RING #		Total Clearance				1.50		RED:		85.9675		86.2175		86.4675		86.7175		86.9675	
		mm		inch				0.059		3.38455		3.39439		3.40423		3.41407		3.42392			
SWT20048		-0.04		-0.00157				4.00		BLUE:		85.9625		86.2125		86.4625		86.7125		86.9625	
								0.157		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:												
						NONE		SURFACE TREATMENT		Measure for CYL					15.00 mm		from Bottom of				
								NONE		Clearance:					0.591 inch		Skirt.				
						C17		NONE													

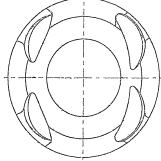
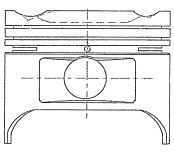
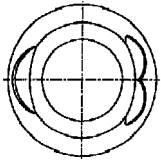
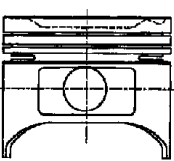
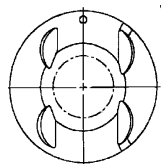
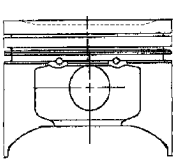
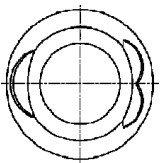
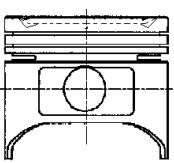
PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	2ND			mm	mm	mm	mm	mm	
							OIL1			inch	inch	inch	inch		
							OIL2			mm	mm	mm	mm		
PAGE #		61	203						85.980	Tolerance is + / - (mm inch) :				0.003	0.00012
11-582	4	86.000	71.50	36.50	~	7.00	1.50	66.00	YELLOW:	85.9730	86.2230	86.4730	86.7230	86.9730	
		3.386	2.815	1.437		0.276	0.059	2.598		3.38476	3.39461	3.40445	3.41429	3.42413	
PISTON RING #		Total Clearance				1.50		22.00	RED:	85.9865	86.2365	86.4865	86.7365	86.9865	
		mm		inch		0.059				3.38530	3.39514	3.40498	3.41482	3.42467	
SWT20048		-0.04		-0.00157		4.00		0.866	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:	15.00 mm 0.591 inch from Bottom of Skirt.						
				NONE		SURFACE TREATMENT									
						NONE									
				T01		NONE									
PAGE #		61	203						86.000	Tolerance is + / - (mm inch) :				0.0025	0.00010
11-583	4	86.000	71.00	36.00	~	5.40	1.50	67.00	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775	
		3.386	2.795	1.417		0.213	0.059	2.638		3.38494	3.39478	3.40463	3.41447	3.42431	
PISTON RING #		Total Clearance				1.50		22.00	RED:	85.9675	86.2175	86.4675	86.7175	86.9675	
		mm		inch		0.059				3.38455	3.39439	3.40423	3.41407	3.42392	
SWT20048		-0.04		-0.00157		4.00		0.866	BLUE:	85.9625	86.2125	86.4625	86.7125	86.9625	
						0.157				3.38435	3.39419	3.40404	3.41388	3.42372	
				Cir Clip				REMARKS: Measure for CYL Clearance:	10.00 mm 0.394 inch from Bottom of Skirt.						
				NONE		SURFACE TREATMENT									
						NONE									
				C17		NONE									
PAGE #		201						83.000	Tolerance is + / - (mm inch) :				0.0025	0.00010	
11-584	4	83.000	61.00	30.70	~	2.50	1.50	61.00	YELLOW:	82.9775	83.2275	83.4775	83.7275	83.9775	
		3.268	2.402	1.209		0.098	0.059	2.402		3.26683	3.27667	3.28652	3.29636	3.30620	
PISTON RING #		Total Clearance				1.50		20.00	RED:	82.9675	83.2175	83.4675	83.7175	83.9675	
		mm		inch		0.059				3.26644	3.27628	3.28612	3.29596	3.30581	
SWT20066		-0.04		-0.00157		3.00		0.787	BLUE:	82.9625	83.2125	83.4625	83.7125	83.9625	
						0.118				3.26624	3.27608	3.28593	3.29577	3.30561	
				Cir Clip				REMARKS: Measure for CYL Clearance:	10.00 mm 0.394 inch from Bottom of Skirt.						
				NONE		SURFACE TREATMENT									
						NONE									
				C17		NONE									
PAGE #		57						70.980	Tolerance is + / - (mm inch) :				0.003	0.00012	
11-589	4	71.000	60.00	28.70	~	1.00	1.20	55.00	YELLOW:	70.9730	71.2230	71.4730	71.7230	71.9730	
		2.795	2.362	1.130		0.039	0.047	2.165		7.79421	2.80406	2.81390	2.82374	2.83358	
PISTON RING #		Total Clearance				4.00		20.00	RED:	70.9865	71.2365	71.4865	71.7365	71.9865	
		mm		inch		0.16				0.059	2.79474	2.80459	2.81443	2.82427	2.83411
SWT20052		-0.04		-0.00157		3.00		0.787	BLUE:	70.9795	71.2295	71.4795	71.7295	71.9795	
						0.118				2.79447	2.80431	2.81415	2.82400	2.83384	
				Cir Clip				REMARKS: Measure for CYL Clearance:	12.00 mm 0.472 inch from Bottom of Skirt.						
				NONE		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)



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	+ - mm inch	DIST. mm inch	2ND			mm	mm	mm	mm	mm
							OIL1			inch	inch	inch	inch	
							OIL2			mm	mm	mm	mm	
PAGE #		221					76.000 Tolerance is + / - (mm inch) : 0.0025 0.00010							
11-590	4	76.000	54.00	29.50	~	5.20	1.50	52.00	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	3.03061
PISTON RING #		Total Clearance						19.00 0.748	RED:	75.9675	76.2175	76.4675	76.7175	76.9675
		mm	inch							2.99085	3.00069	3.01053	3.02037	3.03022
SWN30097		-0.04	-0.00157					2.80 0.110	BLUE:	75.9625	76.2125	76.4625	76.7125	76.9625
									GREEN:	2.99065	3.00049	3.01033	3.02018	3.03002
										75.9725	76.2225	76.4725	76.7225	76.9725
										2.99104	3.00089	3.01073	3.02057	3.03041
									REMARKS:					
									Measure for CYL		15.00 mm	from Bottom of Skirt.		
									Clearance:		0.591 inch			

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION									
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	+ - inch	DIST. mm inch	2ND			mm inch	mm inch	mm inch	mm inch	mm inch					
							OIL1			MID	MID	MID	MID						
							OIL2												
PAGE #		173	225						86.000	Tolerance is + / - (mm inch) :					0.0025	0.00010			
11-602	4	86.000	63.00	32.00	-	0.90	1.50	60.00	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775					
		3.386	2.480	1.260		0.035	0.059	2.362		3.38494	3.39478	3.40463	3.41447	3.42431					
		PISTON RING #		Total Clearance							85.9675	86.2175	86.4675	86.7175	86.9675				
		mm		inch							3.38455	3.39439	3.40423	3.41407	3.42392				
SWN30102		-0.04		-0.00157							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				
											REMARKS:								
											Measure for CYL								
											Clearance:								
											10.00 mm								
											0.394 inch								
											from Bottom of Skirt.								
		</																	

PISTON BUYER'S GUIDE

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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	+ - - inch	DIST. mm inch	2ND	LENGTH		mm	mm	mm	mm	mm	
							OIL1	DIA.		inch	inch	inch	inch	inch	
							OIL2	mm							
PAGE #		243							97.000	Tolerance is + / - (mm inch) : 0.0025 0.00010					
11-612	4	96.900	68.10	33.30		2.60	1.20	58.00	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	3.85738	
PISTON RING #		Total Clearance						1.50	RED:	96.9675	97.2175	97.4675	97.7175	97.9675	
		mm inch						0.059		3.81762	3.82746	3.83730	3.84715	3.85699	
SWF20045		-0.04 -0.00157						3.00	BLUE:	96.9625	97.2125	97.4625	97.7125	97.9625	
								0.118		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	
									REMARKS:						
									Measure for CYL 10.00 mm from Bottom of Skirt.						
									Clearance: 0.394 inch						

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION									
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	+ - inch	DIST. mm inch	2ND			mm inch	mm inch	mm inch	mm inch	mm inch					
							OIL1			MID	MID	MID	MID						
							OIL2												
PAGE #		249							73.980	Tolerance is + / - (mm inch) : 0.0045 0.00018									
11-628	4	74.000	55.30	28.30			1.20	62.00	YELLOW:	73.9905	74.2405	74.4905	74.7405	74.9905					
		2.913	2.177	1.114			0.047	2.441		2.91301	2.92285	2.93270	2.94254	2.95238					
		PISTON RING #		Total Clearance				1.50			73.9825	74.2325	74.4825	74.7325	74.9825				
		mm		inch				0.059		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 0.295 inch from Bottom of Skirt.									
						NONE	SURFACE TREATMENT												
							NONE												
						J05	NONE												
PAGE #		93 249							75.000	Tolerance is + / - (mm inch) : 0.0025 0.00010									
11-629	4	75.000	58.20	28.50	-	3.30	1.20	63.00	YELLOW:	74.9775	75.2275	75.4775	75.7275	75.9775					
		2.953	2.291	1.122		0.130	0.047	2.480		2.95187	2.96171	2.97156	2.98140	2.99124					
		PISTON RING #		Total Clearance				1.50			74.9675	75.2175	75.4675	75.7175	75.9675				
		mm		inch				0.059		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 0.394 inch from Bottom of Skirt.									
							SURFACE TREATMENT												
							NONE												
						C17	NONE												
PAGE #		93 249							75.000	Tolerance is + / - (mm inch) : 0.0045 0.00018									
11-630	4	75.000	55.20	28.20	-	4.10	1.20	61.50	YELLOW:	74.9805	75.2305	75.4805	75.7305	75.9805					
		2.953	2.173	1.110		0.161	0.047	2.421		2.95199	2.96183	2.97167	2.98152	2.99136					
		PISTON RING #		Total Clearance				1.50			74.9725	75.2225	75.4725	75.7225	75.9725				
		mm		inch				0.059		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 0.827 inch from Bottom of Skirt.									
							SURFACE TREATMENT												
							NONE												
						J05	NONE												
PAGE #		259							92.000	Tolerance is + / - (mm inch) : 0.0025 0.00010									
11-631	4	92.000	86.20	49.20	-	2.40	2.00	74.00	YELLOW:	91.9775	92.2275	92.4775	92.7275	92.9775					
		3.622	3.394	1.937		0.094	0.079	2.913		3.62116	3.63100	3.64085	3.65069	3.66053					
		PISTON RING #		Total Clearance				2.00			91.9675	92.2175	92.4675	92.7175	92.9675				
		mm		inch				0.079		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 0.591 inch from Bottom of Skirt.									
							SURFACE TREATMENT												
							NONE												
						C17	NONE												

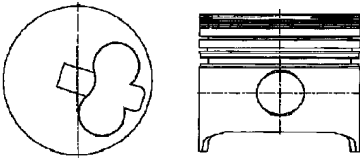
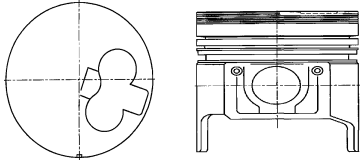
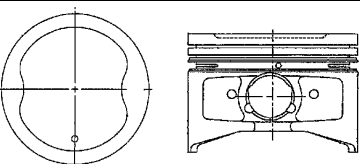
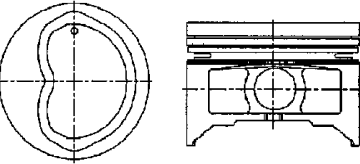
PISTON BUYER'S GUIDE

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



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RED = NEW INFORMATION

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)		
		BORE	LENGTH	COMP.	+	DIST.			2ND	mm	mm	mm	mm	mm	
		inch	inch	mm inch	-	mm inch			OIL1	inch	inch	inch	inch	inch	
PAGE #		259													
11-632	4	92.000	86.20	49.20	-	1.30	2.00	74.00	YELLOW:	91.9775	92.2275	92.4775	92.7275	92.9775	
		3.622	3.394	1.937		0.051	0.079	2.913		3.62116	3.63100	3.64085	3.65069	3.66053	
PISTON RING #		Total Clearance					2.00		RED:	91.9675	92.2175	92.4675	92.7175	92.9675	
		mm	inch				0.079			3.62077	3.63061	3.64045	3.65030	3.66014	
SDT10089		-0.1016	-0.00400				4.00	27.00	BLUE:	91.9625	92.2125	92.4625	92.7125	92.9625	
							0.157	1.063		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	
						Cir Clip			REMARKS:						
							SURFACE TREATMENT		Measure for CYL						
							NONE		Clearance: 10.00 mm from Bottom of Skirt.						
						C17	NONE								
PAGE #		257							89.950	Tolerance is + / - (mm inch) :				0.0045	0.00018
11-634	4	90.000	99.00	52.00	-	1.40	2.00	73.50	YELLOW:	89.9605	90.2105	90.4605	90.7105	90.9605	
		3.543	3.898	2.047		0.055	0.079	2.894		3.54175	3.55159	3.56144	3.57128	3.58112	
PISTON RING #		Total Clearance					2.00		WHITE:	89.9525	90.2025	90.4525	90.7025	90.9525	
		mm	inch				0.079			3.54144	3.55128	3.56112	3.57096	3.58081	
SDT10082		-0.1016	-0.00400				4.00	27.00	BLUE:	89.9395	90.1895	90.4395	90.6895	90.9395	
							0.157	1.063		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	
						Cir Clip			REMARKS:						
							SURFACE TREATMENT		Measure for CYL						
							NONE		Clearance: 32.00 mm from Bottom of Skirt.						
						J05	NONE								
PAGE #		259							95.000	Tolerance is + / - (mm inch) :				0.0025	0.00010
11-636	4	95.000	67.50	35.50	-	2.20	1.75	70.00	YELLOW:	94.9775	95.2275	95.4775	95.7275	95.9775	
		3.740	2.657	1.398		0.087	0.069	2.756		3.73927	3.74911	3.75896	3.76880	3.77864	
PISTON RING #		Total Clearance					1.50		RED:	94.9675	95.2175	95.4675	95.7175	95.9675	
		mm	inch				0.059			3.73888	3.74872	3.75856	3.76841	3.77825	
SWT10127		-0.04	-0.00157				4.00	24.00	BLUE:	94.9625	95.2125	95.4625	95.7125	95.9625	
							0.157	0.945		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	
						Cir Clip			REMARKS:						
							SURFACE TREATMENT		Measure for CYL						
							NONE		Clearance: 15.00 mm from Bottom of Skirt.						
						C17	NONE								
PAGE #		257							90.980	Tolerance is + / - (mm inch) :				0.0045	0.00018
11-637	4	91.000	65.00	35.00	-	6.20	1.50	66.00	YELLOW:	90.9850	91.2350	91.4850	91.7350	91.9850	
		3.583	2.559	1.378		0.244	0.059	2.598		3.58209	3.59193	3.60177	3.61161	3.62146	
PISTON RING #		Total Clearance					1.50		WHITE:	90.9825	91.2325	91.4825	91.7325	91.9825	
		mm	inch				0.059			3.58199	3.59183	3.60167	3.61152	3.62136	
SWT10111		-0.03	-0.00118				4.00	22.00	BLUE:	90.9750	91.2250	91.4750	91.7250	91.9750	
							0.157	0.866		3.58169	3.59154	3.60138	3.61122	3.62106	
									GREEN:	90.9775	91.2275	91.4775	91.7275	91.9775	
										3.58179	3.59163	3.60148	3.61132	3.62116	
						Cir Clip			REMARKS:						
						NONE	SURFACE TREATMENT		Measure for CYL						
							NONE		Clearance: 25.00 mm from Bottom of Skirt.						
						J05	NONE								

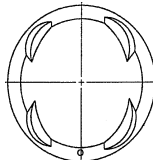
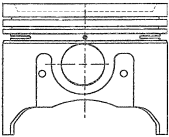
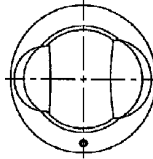
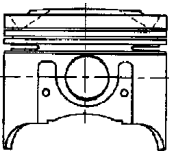
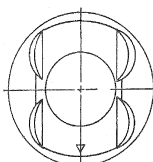
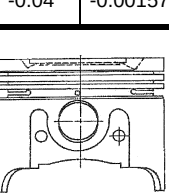
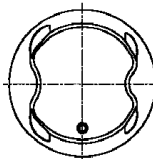
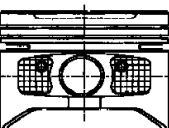
PISTON BUYER'S GUIDE

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



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RED = NEW INFORMATION

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION					
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	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	2ND			mm	mm	mm	mm	mm
						OIL1			inch	inch	inch	inch	
						OIL2			mm	mm	mm	mm	
PAGE #		261											
11-639	6	83.000	71.00	33.00	-	5.80	1.50	YELLOW:	82.9775	83.2275	83.4775	83.7275	83.9775
		3.268	2.795	1.299		0.228	0.059		3.26683	3.27667	3.28652	3.29636	3.30620
PISTON RING #		Total Clearance				1.50		RED:	82.9675	83.2175	83.4675	83.7175	83.9675
		mm		inch		0.059			3.26644	3.27628	3.28612	3.29596	3.30581
SWT10115		-0.04		-0.00157		4.00		BLUE:	82.9625	83.2125	83.4625	83.7125	83.9625
						0.157			3.26624	3.27608	3.28593	3.29577	3.30561
 						Cir Clip		GREEN:	82.9725	83.2225	83.4725	83.7225	83.9725
							SURFACE TREATMENT		3.26663	3.27648	3.28632	3.29616	3.30600
						NONE	REMARKS:						
						C17	NONE	Measure for CYL 10.00 mm from Bottom of Skirt.					
								Clearance: 0.394 inch					
PAGE #		261											
11-641	6	83.000	74.10	32.90	+	3.30	1.50	YELLOW:	82.9775	83.2275	83.4775	83.7275	83.9775
		3.268	2.917	1.295		0.130	0.059		3.26683	3.27667	3.28652	3.29636	3.30620
PISTON RING #		Total Clearance				1.50		RED:	82.9675	83.2175	83.4675	83.7175	83.9675
		mm		inch		0.059			3.26644	3.27628	3.28612	3.29596	3.30581
SWT10079		-0.04		-0.00157		4.00		BLUE:	82.9625	83.2125	83.4625	83.7125	83.9625
						0.157			3.26624	3.27608	3.28593	3.29577	3.30561
 						Cir Clip		GREEN:	82.9725	83.2225	83.4725	83.7225	83.9725
							SURFACE TREATMENT		3.26663	3.27648	3.28632	3.29616	3.30600
						NONE	REMARKS:						
						C17	NONE	Measure for CYL 15.00 mm from Bottom of Skirt.					
								Clearance: 0.591 inch					
PAGE #		261											
11-642	6	83.000	71.00	33.00	-	3.30	1.50	YELLOW:	82.9775	83.2275	83.4775	83.7275	83.9775
		3.268	2.795	1.299		0.130	0.059		3.26683	3.27667	3.28652	3.29636	3.30620
PISTON RING #		Total Clearance				1.50		RED:	82.9675	83.2175	83.4675	83.7175	83.9675
		mm		inch		0.059			3.26644	3.27628	3.28612	3.29596	3.30581
SWT10079		-0.04		-0.00157		4.00		BLUE:	82.9625	83.2125	83.4625	83.7125	83.9625
						0.157			3.26624	3.27608	3.28593	3.29577	3.30561
 						Cir Clip		GREEN:	82.9725	83.2225	83.4725	83.7225	83.9725
							SURFACE TREATMENT		3.26663	3.27648	3.28632	3.29616	3.30600
						NONE	REMARKS:						
						C17	NONE	Measure for CYL 10.00 mm from Bottom of Skirt.					
								Clearance: 0.394 inch					
PAGE #		257											
11-644	4	86.000	68.40	35.00	-	3.90	1.50	YELLOW:	86.0105	86.2605	86.5105	86.7605	87.0105
		3.386	2.693	1.378		0.154	0.059		3.38624	3.39608	3.40593	3.41577	3.42561
PISTON RING #		Total Clearance				1.50		WHITE:	86.0025	86.2525	86.5025	86.7525	87.0025
		mm		inch		0.059			3.38593	3.39577	3.40561	3.41545	3.42530
SWT10090		-0.04		-0.00157		4.00		BLUE:	85.9895	86.2395	86.4895	86.7395	86.9895
						0.157			3.38541	3.39526	3.40510	3.41494	3.42478
 						Cir Clip		GREEN:	85.9975	86.2475	86.4975	86.7475	86.9975
							SURFACE TREATMENT		3.38573	3.39557	3.40541	3.41526	3.42510
						NONE	REMARKS:						
						J05	NONE	Measure for CYL 7.00 mm from Bottom of Skirt.					
								Clearance: 0.276 inch					

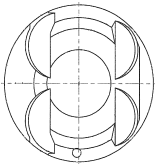
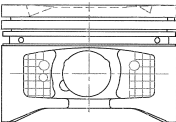
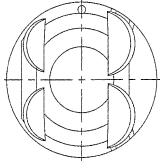
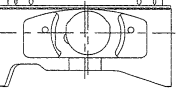
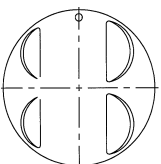
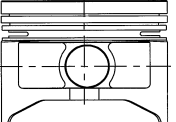
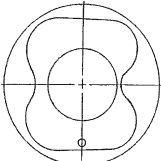
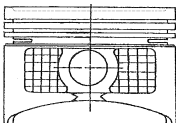
PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	2ND			mm inch	mm inch	mm inch	mm inch	mm inch	
							OIL1			MID	MID	MID	MID		
							OIL2								
PAGE #		257							85.980	Tolerance is + / - (mm inch) :				0.003	0.00012
11-646	4	86.000	67.10	35.00	-	1.60	1.20	66.00	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							4.00	22.00	BLUE:	85.9795	86.2295	86.4795	86.7295	86.9795	
		-0.04	-0.00157			0.157	0.866	3.38502		3.39486	3.40470	3.41455	3.42439		
						Cir Clip			REMARKS: Measure for CYL Clearance:	5.00 mm 0.197 inch		from Bottom of Skirt.			
								SURFACE TREATMENT							
						NONE									
						T01		NONE							
PAGE #		257							85.980	Tolerance is + / - (mm inch) :				0.01	0.00039
11-647	4	86.000	62.10	35.10	-	0.80	1.20	66.00	RED:	85.9700	86.2200	86.4700	86.7200	86.9700	
		3.386	2.445	1.382	-	0.031	0.047	2.598		3.38465	3.39449	3.40433	3.41417	3.42402	
PISTON RING #		Total Clearance					1.50		GREEN:	85.9900	86.2400	86.4900	86.7400	86.9900	
		mm	inch			0.059	0.157	0.866		3.38543	3.39528	3.40512	3.41496	3.42480	
SWT10141							4.00	22.00	REMARKS: Measure for CYL Clearance:	11.00 mm 0.433 inch		from Bottom of Skirt.			
		-0.03	-0.00118			0.157	0.866	3.38543		3.39528	3.40512	3.41496	3.42480		
						Cir Clip									
								SURFACE TREATMENT							
						NONE									
						T03		NONE							
PAGE #		257							86.000	Tolerance is + / - (mm inch) :				0.0025	0.00010
11-648	4	86.000	67.10	35.10	-	5.00	1.20	66.00	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775	
		3.386	2.642	1.382	-	0.197	0.047	2.598		3.38494	3.39478	3.40463	3.41447	3.42431	
PISTON RING #		Total Clearance					1.50		RED:	85.9675	86.2175	86.4675	86.7175	86.9675	
		mm	inch			0.059	0.157	0.866		3.38455	3.39439	3.40423	3.41407	3.42392	
SWT10141							4.00	22.00	BLUE:	85.9625	86.2125	86.4625	86.7125	86.9625	
		-0.03	-0.00118			0.157	0.866	3.38435		3.39419	3.40404	3.41388	3.42372		
						Cir Clip			REMARKS: Measure for CYL Clearance:	10.00 mm 0.394 inch		from Bottom of Skirt.			
								SURFACE TREATMENT							
						NONE									
						C17		NONE							
PAGE #		93 253							81.000	Tolerance is + / - (mm inch) :				0.0025	0.00010
11-649	4	81.000	61.10	30.60	-	3.00	1.50	61.00	YELLOW:	80.9775	81.2275	81.4775	81.7275	81.9775	
		3.189	2.406	1.205	-	0.118	0.059	2.402		3.18809	3.19793	3.20778	3.21762	3.22746	
PISTON RING #		Total Clearance				-	2.80	1.50	RED:	80.9675	81.2175	81.4675	81.7175	81.9675	
		mm	inch			0.11	0.059	0.709		3.18770	3.19754	3.20738	3.21722	3.22707	
SWT10142							3.00	18.00	BLUE:	80.9625	81.2125	81.4625	81.7125	81.9625	
		-0.04	-0.00157			0.118	0.709	3.18750		3.19734	3.20719	3.21703	3.22687		
						Cir Clip			REMARKS: Measure for CYL Clearance:	10.00 mm 0.394 inch		from Bottom of Skirt.			
						NONE		SURFACE TREATMENT							
						NONE									
						C17		NONE							

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



RED = NEW INFORMATION

PISTON BUYER'S GUIDE

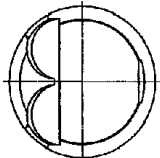
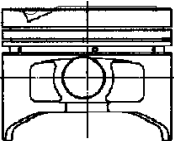
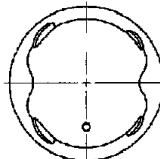
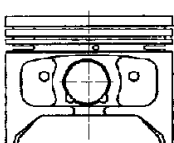
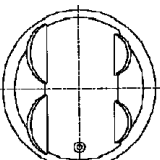
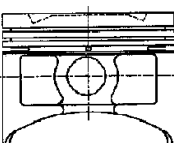
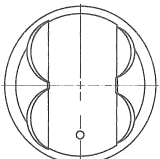
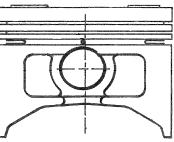
PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	+ - inch	DIST. mm inch	2ND			mm inch	mm inch	mm inch	mm inch	mm inch	
							OIL1			MID	MID	MID	MID		
							OIL2								
PAGE #		253													
11-656	4	74.000	58.60	29.70	+	0.70	1.20	59.00	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	2.95187	
PISTON RING #		Total Clearance				0.20	1.20	18.00 0.709	RED:	73.9675	74.2175	74.4675	74.7175	74.9675	
		mm inch				0.01	0.047			2.91211	2.92195	2.93179	2.94163	2.95148	
SWT10128		-0.04 -0.00157					3.00 0.118	18.00 0.709	BLUE:	73.9625	74.2125	74.4625	74.7125	74.9625	
										2.91191	2.92175	2.93159	2.94144	2.95128	
				Cir Clip		SURFACE TREATMENT NONE NONE	REMARKS: Measure for CYL Clearance:	10.00 mm 0.394 inch	from Bottom of Skirt.						
				NONE											
				C17	NONE										
PAGE #		257													
11-657	4	87.000	63.00	32.60	-	5.00	1.50	66.00	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	3.46368	
PISTON RING #		Total Clearance					1.50	22.00 0.866	RED:	86.9675	87.2175	87.4675	87.7175	87.9675	
		mm inch					0.059			3.42392	3.43376	3.44360	3.45344	3.46329	
SWT10149		-0.04 -0.00157					3.00 0.118	22.00 0.866	BLUE:	86.9625	87.2125	87.4625	87.7125	87.9625	
										3.42372	3.43356	3.44341	3.45325	3.46309	
				Cir Clip		SURFACE TREATMENT NONE NONE	REMARKS: Measure for CYL Clearance:	10.00 mm 0.394 inch	from Bottom of Skirt.						
				C17	NONE										
PAGE #		253													
11-659	4	81.000	64.80	30.00	-	4.00	1.50	61.00	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	3.22797	
PISTON RING #		Total Clearance				5.00	1.50	18.00 0.709	WHITE:	80.9825	81.2325	81.4825	81.7325	81.9825	
		mm inch				0.20	0.059			3.18829	3.19813	3.20797	3.21781	3.22766	
SWT10108		-0.04 -0.00157					2.80 0.110	18.00 0.709	BLUE:	80.9695	81.2195	81.4695	81.7195	81.9695	
										3.18778	3.19762	3.20746	3.21730	3.22715	
				Cir Clip		SURFACE TREATMENT NONE NONE	REMARKS: Measure for CYL Clearance:	0.00 mm 0.000 inch	from Bottom of Skirt.						
				NONE											
				J05	NONE										
PAGE #		93 253													
11-660	4	81.000	64.50	30.50	+	0.30	1.50	61.00	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	3.22746	
PISTON RING #		Total Clearance					1.50	20.00 0.787	RED:	80.9675	81.2175	81.4675	81.7175	81.9675	
		mm inch					0.059			3.18770	3.19754	3.20738	3.21722	3.22707	
SWT10108		-0.04 -0.00157					2.80 0.110	20.00 0.787	BLUE:	80.9625	81.2125	81.4625	81.7125	81.9625	
										3.18750	3.19734	3.20719	3.21703	3.22687	
				Cir Clip		SURFACE TREATMENT NONE NONE	REMARKS: Measure for CYL Clearance:	10.00 mm 0.394 inch	from Bottom of Skirt.						
				C17	NONE										

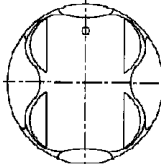
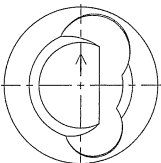
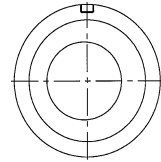
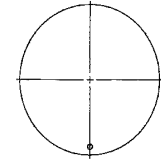
PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION									
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)					
		BORE	LENGTH	COMP.	+	DIST.	2ND			mm	mm	mm	mm	mm					
		mm inch	mm inch	mm inch	-	mm inch	OIL1 OIL2			MID	inch	inch	inch	inch	inch				
PAGE #		193	261							87.500	Tolerance is + / - (mm inch) : 0.0025 0.00010								
11-661	6	87.500	62.20	34.00	-	3.40	1.50	62.00	YELLOW:	87.4775	87.7275	87.9775	88.2275	88.4775					
		3.445	2.449	1.339		0.134	0.059	2.441		3.44400	3.45384	3.46368	3.47352	3.48337					
PISTON RING #		Total Clearance						1.50	RED:	87.4675	87.7175	87.9675	88.2175	88.4675					
		mm inch						0.059		3.44360	3.45344	3.46329	3.47313	3.48297					
SWT10144		-0.04 -0.00157						4.00	BLUE:	87.4625	87.7125	87.9625	88.2125	88.4625					
								0.157		0.866	3.44341	3.45325	3.46309	3.47293	3.48278				
						Cir Clip		22.00	GREEN:	87.4725	87.7225	87.9725	88.2225	88.4725					
											3.44380	3.45364	3.46348	3.47333	3.48317				
							SURFACE TREATMENT			REMARKS:									
NONE		Measure for CYL Clearance:			10.00 mm 0.394 inch		from Bottom of Skirt.												
C17		NONE																	
PAGE #		91						73.970	Tolerance is + / - (mm inch) : 0.01 0.00039										
11-665	3	74.000	55.70	28.70	-	2.10	1.20	65.00	RED:										
		2.913	2.193	1.130		0.083	0.047	2.559											
PISTON RING #		Total Clearance						1.50	GREEN:	73.9600	74.2100	74.4600	74.7100	74.9600					
		mm inch						0.059		2.91181	2.92165	2.93150	2.94134	2.95118					
SWS20144		-0.03 -0.00118						2.80											
								0.110	17.00										
								0.669											
						Cir Clip		17.00	REMARKS:	Measure for CYL Clearance:		13.80 mm 0.543 inch		from Bottom of Skirt.					
											0.00039								
							SURFACE TREATMENT			NONE									
T03		NONE																	
PAGE #		265						93.970	Tolerance is + / - (mm inch) : 0.01 0.00039										
11-673	6	94.000	79.70	37.40	+	0.30	2.00	75.00	RED:										
		3.701	3.138	1.472		0.012	0.079	2.953											
PISTON RING #		Total Clearance						2.00	GREEN:	93.9600	94.2100	94.4600	94.7100	94.9600					
		mm inch						0.079		3.69921	3.70906	3.71890	3.72874	3.73858					
SWT10151		-0.03 -0.00118						4.00											
								0.157	0.866										
						Cir Clip		22.00	REMARKS:	Measure for CYL Clearance:		27.50 mm 1.083 inch		from Bottom of Skirt.					
											0.00039								
							SURFACE TREATMENT			NONE									
T03		NONE																	
PAGE #		229						87.000	Tolerance is + / - (mm inch) : 0.0025 0.00010										
11-675	6	87.000	64.50	32.00			1.50	67.00	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						1.50	RED:	86.9675	87.2175	87.4675	87.7175	87.9675					
		mm inch						0.059		3.42392	3.43376	3.44360	3.45344	3.46329					
SWN30058		-0.04 -0.00157						2.80	BLUE:	86.9625	87.2125	87.4625	87.7125	87.9625					
								0.110		0.866	3.42372	3.43356	3.44341	3.45325	3.46309				
						Cir Clip		22.00	GREEN:	86.9725	87.2225	87.4725	87.7225	87.9725					
											3.42411	3.43396	3.44380	3.45364	3.46348				
							SURFACE TREATMENT			REMARKS:									
NONE		Measure for CYL Clearance:			10.00 mm 0.394 inch		from Bottom of Skirt.												
C17		NONE																	

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



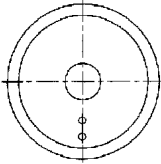
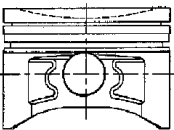
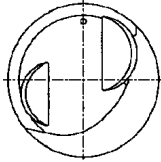
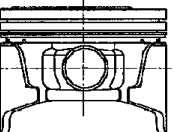
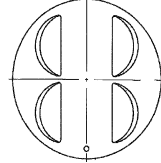
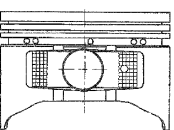
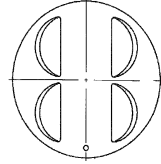
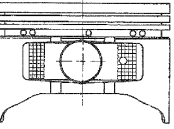
PISTON BUYER'S GUIDE

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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION									
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	+ - inch	DIST. mm inch	2ND			mm inch	mm inch	mm inch	mm inch	mm inch					
							OIL1			MID	MID	MID	MID						
							OIL2												
PAGE #		223								75.980 Tolerance is + / - (mm inch) : 0.01 0.00039									
11-680	4	76.000	54.30	29.70	-	4.70	1.50	52.00	RED:	75.9700	76.2200	76.4700	76.7200	76.9700					
		2.992	2.138	1.169		0.185	0.059	2.047		2.99094	3.00079	3.01063	3.02047	3.03031					
		PISTON RING #		Total Clearance mm inch															
SWN30116		-0.03	-0.00118			2.80 0.110	19.00 0.748												
						Cir Clip				SURFACE TREATMENT		REMARKS: Measure for CYL 12.00 mm from Bottom of Skirt. Clearance: 0.472 inch							
						Anodized Head													
						T01 NONE													
PAGE #		229								87.000 Tolerance is + / - (mm inch) : 0.0025 0.00010									
11-681	6	87.000	67.80	31.85	+	0.80	1.50	64.00	YELLOW:	86.9775	87.2275	87.4775	87.7275	87.9775					
		3.425	2.669	1.254		0.031	0.059	2.520		3.42431	3.43415	3.44400	3.45384	3.46368					
		PISTON RING #		Total Clearance mm inch															
SWN30058		-0.04	-0.00157			2.80 0.110	21.00 0.827												
						Cir Clip				SURFACE TREATMENT		REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch							
						NONE													
						C17 NONE													
PAGE #		5 179								93.500 Tolerance is + / - (mm inch) : 0.0025 0.00010									
11-685	6	93.400	65.20	31.70			1.50	66.00	YELLOW:	93.4775	93.7275	93.9775	94.2275	94.4775					
		3.677	2.567	1.248			0.059	2.598		3.68022	3.69006	3.69990	3.70974	3.71959					
		PISTON RING #		Total Clearance mm inch															
SWI10185		-0.04	-0.00157			4.00 0.157	22.00 0.866												
						Cir Clip				SURFACE TREATMENT		REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch							
						NONE													
						C17 NONE													
PAGE #		165 179								93.500 Tolerance is + / - (mm inch) : 0.0025 0.00010									
11-686	6	93.400	65.20	31.70			1.50	66.00	YELLOW:	93.4775	93.7275	93.9775	94.2275	94.4775					
		3.677	2.567	1.248			0.059	2.598		3.68022	3.69006	3.69990	3.70974	3.71959					
		PISTON RING #		Total Clearance mm inch															
SWI10185		-0.04	-0.00157			4.00 0.157	22.00 0.866												
						Cir Clip				SURFACE TREATMENT		REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch							
						NONE													
						C17 NONE													

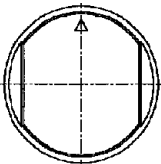
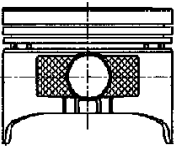
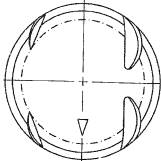
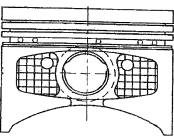
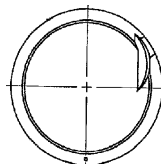
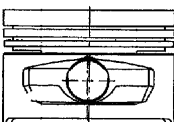
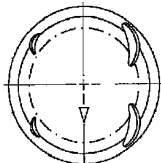
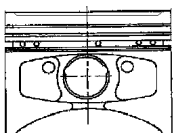
PISTON BUYER'S GUIDE

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



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RED = NEW INFORMATION

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION								
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	2ND			mm inch	mm inch	mm inch	mm inch	mm inch		
							OIL1			MID	MID	MID	MID			
							OIL2									
PAGE #		55							76.000	Tolerance is + / - (mm inch) :					0.0025	0.00010
11-689	4	76.000 2.992	60.70 2.390	30.70 1.209	-	0.50 0.020	1.20 0.047	58.00 2.283	YELLOW:	75.9775 2.99124	76.2275 3.00108	76.4775 3.01093	76.7275 3.02077	76.9775 3.03061		
PISTON RING #		Total Clearance mm inch				1.50 0.059	19.00 0.748	RED:		75.9675 2.99085	76.2175 3.00069	76.4675 3.01053	76.7175 3.02037	76.9675 3.03022		
SWD10031		-0.04	-0.00157			3.00 0.118				BLUE:	75.9625 2.99065	76.2125 3.00049	76.4625 3.01033	76.7125 3.02018	76.9625 3.03002	
				Cir Clip		SURFACE TREATMENT NONE NONE					GREEN:	75.9725 2.99104	76.2225 3.00089	76.4725 3.01073	76.7225 3.02057	76.9725 3.03041
				NONE			REMARKS: Measure for CYL Clearance:		15.00 mm 0.591 inch			from Bottom of Skirt.				
				C17												
PAGE #		167								81.500		Tolerance is + / - (mm inch) :				
11-690	4	81.500 3.209	67.00 2.638	35.00 1.378	-	1.00 0.039	1.20 0.047	66.00 2.598	YELLOW:	81.4775 3.20778	81.7275 3.21762	81.9775 3.22746	82.2275 3.23730	82.4775 3.24715		
PISTON RING #		Total Clearance mm inch				1.50 0.059	21.00 0.827	RED:		81.4675 3.20738	81.7175 3.21722	81.9675 3.22707	82.2175 3.23691	82.4675 3.24675		
SWM31058		-0.04	-0.00157			3.00 0.118				BLUE:	81.4625 3.20719	81.7125 3.21703	81.9625 3.22687	82.2125 3.23671	82.4625 3.24656	
				Cir Clip		SURFACE TREATMENT NONE NONE					GREEN:	81.4725 3.20758	81.7225 3.21742	81.9725 3.22726	82.2225 3.23711	82.4725 3.24695
				NONE			REMARKS: Measure for CYL Clearance:		20.00 mm 0.787 inch			from Bottom of Skirt.				
				C17												
PAGE #		167								75.500		Tolerance is + / - (mm inch) :				
11-691	4	75.500 2.972	54.30 2.138	31.40 1.236	-	0.70 0.028	1.50 0.059	47.50 1.870	YELLOW:	75.4775 2.97156	75.7275 2.98140	75.9775 2.99124	76.2275 3.00108	76.4775 3.01093		
PISTON RING #		Total Clearance mm inch				1.50 0.059	18.00 0.709	RED:		75.4675 2.97116	75.7175 2.98100	75.9675 2.99085	76.2175 3.00069	76.4675 3.01053		
SWG30017		-0.04	-0.00157			3.00 0.118				BLUE:	75.4625 2.97096	75.7125 2.98081	75.9625 2.99065	76.2125 3.00049	76.4625 3.01033	
				Cir Clip		SURFACE TREATMENT NONE NONE					GREEN:	75.4725 2.97136	75.7225 2.98120	75.9725 2.99104	76.2225 3.00089	76.4725 3.01073
				NONE			REMARKS: Measure for CYL Clearance:		10.00 mm 0.394 inch			from Bottom of Skirt.				
				C17												
PAGE #		169								85.000		Tolerance is + / - (mm inch) :				
11-692	4	85.000 3.346	67.00 2.638	35.00 1.378	-	2.10 0.083	1.20 0.047	66.00 2.598	YELLOW:	84.9775 3.34557	85.2275 3.35541	85.4775 3.36526	85.7275 3.37510	85.9775 3.38494		
PISTON RING #		Total Clearance mm inch				1.50 0.059	21.00 0.827	RED:		84.9675 3.34518	85.2175 3.35502	85.4675 3.36486	85.7175 3.37470	85.9675 3.38455		
SWM31071		-0.04	-0.00157			3.00 0.118				BLUE:	84.9625 3.34498	85.2125 3.35482	85.4625 3.36467	85.7125 3.37451	85.9625 3.38435	
				Cir Clip		SURFACE TREATMENT NONE NONE					GREEN:	84.9725 3.34537	85.2225 3.35522	85.4725 3.36506	85.7225 3.37490	85.9725 3.38474
				NONE			REMARKS: Measure for CYL Clearance:		10.00 mm 0.394 inch			from Bottom of Skirt.				
				C17												

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)		
		BORE	LENGTH	COMP.	+	DIST.			2ND	mm	mm	mm	mm	mm	
		inch	inch	inch	-	inch			OIL1	inch	inch	inch	inch	inch	
						OIL2			MID	MID	MID	MID	MID		
		PAGE #								Tolerance is + / - (mm inch) :					
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	3.26813		
		PISTON RING #		Total Clearance				1.20		WHITE:	82.0025	82.2525	82.5025	82.7525	83.0025
		mm	inch			0.047	3.22844	3.23829	3.24813		3.25797	3.26781			
SWG30028		-0.04	-0.00157			2.50	BLUE:	81.9895	82.2395		82.4895	82.7395	82.9895		
						0.098		3.22793	3.23778	3.24762	3.25746	3.26730			
								GREEN:	81.9975	82.2475	82.4975	82.7475	82.9975		
							3.22825		3.23809	3.24793	3.25778	3.26762			
							REMARKS:								
								Measure for CYL		24.00 mm	from Bottom of				
								Clearance:		0.945 inch	Skirt.				
								82.000	Tolerance is + / - (mm inch) :					0.0045	0.00018
									82.0105	82.2605	82.5105	82.7605	83.0105		
									3.22876	3.23860	3.24844	3.25829	3.26813		
									82.0025	82.2525	82.5025	82.7525	83.0025		
									3.22844	3.23829	3.24813	3.25797	3.26781		
									81.9895	82.2395	82.4895	82.7395	82.9895		
									3.22793	3.23778	3.24762	3.25746	3.26730		
									81.9975	82.2475	82.4975	82.7475	82.9975		
									3.22825	3.23809	3.24793	3.25778	3.26762		
									REMARKS:						
									Measure for CYL		24.00 mm	from Bottom of			
									Clearance:		0.945 inch	Skirt.			

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION								
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	2ND			mm	mm	mm	mm	mm		
							OIL1			inch	inch	inch	inch			
							OIL2			mm	mm	mm	mm			
PAGE #		185	201						83.000	Tolerance is + / - (mm inch) :					0.0025	0.00010
11-703	4	83.000	61.50	30.60	+	0.50	1.50	70.00	YELLOW:	82.9775	83.2275	83.4775	83.7275	83.9775		
		3.268	2.421	1.205		0.020	0.059	2.756		3.26683	3.27667	3.28652	3.29636	3.30620		
		PISTON RING #		Total Clearance				1.50		82.9675	83.2175	83.4675	83.7175	83.9675		
		mm		inch				0.059	3.26644	3.27628	3.28612	3.29596	3.30581			
SWT20066		-0.04		-0.00157				3.00	82.9625	83.2125	83.4625	83.7125	83.9625			
								0.118	3.26624	3.27608	3.28593	3.29577	3.30561			
								0.118	82.9725	83.2225	83.4725	83.7225	83.9725			
								0.118	3.26663	3.27648	3.28632	3.29616	3.30600			
								0.118	REMARKS:							
								0.118	Measure for CYL		15.00 mm	from Bottom of				
								0.118	Clearance:		0.591 inch	Skirt.				
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PISTON BUYER'S GUIDE

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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	2ND	mm			mm	mm	mm	mm		
						OIL1	inch			inch	inch	inch	inch		
						OIL2	mm			mm	mm	mm	mm		
PAGE #		21	215						86.495	Tolerance is + / - (mm inch) :			0.003	0.00012	
11-709	4	86.500	67.10	35.00	-	4.30	1.20	62.00	YELLOW:	86.4880	86.7380	86.9880	87.2380	87.4880	
		3.406	2.642	1.378		0.169	0.047	2.441		3.40504	3.41488	3.42472	3.43457	3.44441	
		PISTON RING #		Total Clearance											
				mm	inch										
		SWM31116		-0.03	-0.00118										

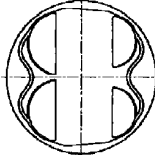
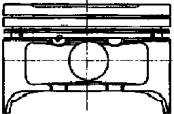
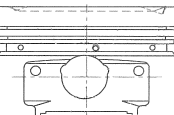
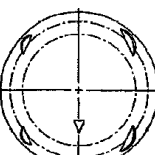
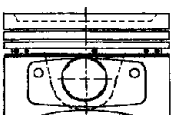
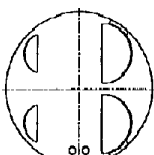
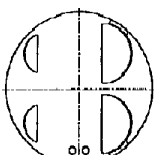
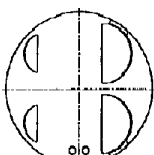
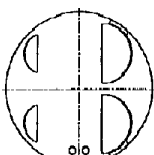
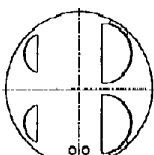
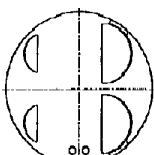
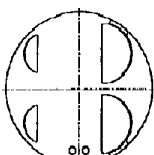
PISTON BUYER'S GUIDE

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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION									
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)					
		BORE	LENGTH	COMP.	+	DIST.	2ND			mm	mm	mm	mm	mm					
		mm inch	mm inch	mm inch	-	mm inch	OIL1 OIL2			inch MID	inch MID	inch MID	inch MID	inch MID					
PAGE #		63	205						84.480	Tolerance is + / - (mm inch) :					0.0045	0.00018			
11-716	6	84.500	55.90	29.20		1.70	1.50	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	3.36577					
PISTON RING #		Total Clearance					1.50		WHITE:	84.4825	84.7325	84.9825	85.2325	85.4825					
		mm		inch			0.059			3.32608	3.33593	3.34577	3.35561	3.36545					
SWT20073		-0.04		-0.00157			3.00	19.98	BLUE:	84.4695	84.7195	84.9695	85.2195	85.4695					
							0.118	0.787		3.32557	3.33541	3.34526	3.35510	3.36494					
 						Cir Clip			GREEN:	84.4775	84.7275	84.9775	85.2275	85.4775					
						NONE	SURFACE TREATMENT			REMARKS:									
						J05	Moly Skirt			Measure for CYL 11.00 mm from Bottom of Skirt. Clearance: 0.433 inch									
PAGE #		17	213						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.										
11-718	4	85.000	67.00	35.00		2.20	1.20	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	3.38476					
PISTON RING #		Total Clearance				3.60	1.50		RED:	84.9865	85.2365	85.4865	85.7365	85.9865					
		mm		inch		0.142	0.059			3.34593	3.35577	3.36561	3.37545	3.38530					
SWM31071		-0.04		-0.00157			3.00	22.00	BLUE:	84.9795	85.2295	85.4795	85.7295	85.9795					
							0.118	0.866		3.34565	3.35549	3.36533	3.37518	3.38502					
 						Cir Clip			REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch										
						NONE	SURFACE TREATMENT												
						T01	NONE												
PAGE #		17	213						84.980 Tolerance is + / - (mm inch) : 0.003 0.00012										
11-719	4	85.000	67.00	35.00		5.40	1.20	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	3.38494					
PISTON RING #		Total Clearance					1.50		RED:	84.9675	85.2175	85.4675	85.7175	85.9675					
		mm		inch			0.059			3.34518	3.35502	3.36486	3.37470	3.38455					
SWM31071		-0.04		-0.00157			3.00	22.00	BLUE:	84.9625	85.2125	85.4625	85.7125	85.9625					
							0.118	0.866		3.34498	3.35482	3.36467	3.37451	3.38435					
 						Cir Clip			GREEN:	84.9725	85.2225	85.4725	85.7225	85.9725					
						NONE	SURFACE TREATMENT			REMARKS:									
						C17	NONE			Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch									
PAGE #		193	261		263				85.000 Tolerance is + / - (mm inch) : 0.0025 0.00010										
11-720	6	87.500	51.00	31.20		1.20	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	3.48337					
PISTON RING #		Total Clearance					1.20		RED:	87.4675	87.7175	87.9675	88.2175	88.4675					
		mm		inch			0.047			3.44360	3.45344	3.46329	3.47313	3.48297					
SWT10177		-0.04		-0.00157			3.00	22.00	BLUE:	87.4625	87.7125	87.9625	88.2125	88.4625					
							0.118	0.866		3.44341	3.45325	3.46309	3.47293	3.48278					
 						Cir Clip			GREEN:	87.4725	87.7225	87.9725	88.2225	88.4725					
							SURFACE TREATMENT			REMARKS:									
						C17	Moly Skirt			Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch									
PAGE #		193	261		263				87.500 Tolerance is + / - (mm inch) : 0.0025 0.00010										
11-720	6	87.500	51.00	31.20		1.20	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	3.48337					
PISTON RING #		Total Clearance					1.20		RED:	87.4675	87.7175	87.9675	88.2175	88.4675					
		mm		inch			0.047			3.44360	3.45344	3.46329	3.47313	3.48297					
SWT10177		-0.04		-0.00157			3.00	22.00	BLUE:	87.4625	87.7125	87.9625	88.2125	88.4625					
							0.118	0.866		3.44341	3.45325	3.46309	3.47293	3.48278					
 						Cir Clip			GREEN:	87.4725	87.7225	87.9725	88.2225	88.4725					
							SURFACE TREATMENT			REMARKS:									
						C17	Moly Skirt			Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch									
PAGE #		193	261		263				87.500 Tolerance is + / - (mm inch) : 0.0025 0.00010										
11-720	6	87.500	51.00	31.20		1.20	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	3.48337					
PISTON RING #		Total Clearance					1.20		RED:	87.4675	87.7175	87.9675	88.2175	88.4675					
		mm		inch			0.047			3.44360	3.45344	3.46329	3.47313	3.48297					
SWT10177		-0.04		-0.00157			3.00	22.00	BLUE:	87.4625	87.7125	87.9625	88.2125	88.4625					
							0.118	0.866		3.44341	3.45325	3.46309	3.47293	3.48278					
 						Cir Clip			GREEN:	87.4725	87.7225	87.9725	88.2225	88.4725					
							SURFACE TREATMENT			REMARKS:									
						C17	Moly Skirt			Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch									
PAGE #		193	261		263				87.500 Tolerance is + / - (mm inch) : 0.0025 0.00010										
11-720	6	87.500	51.00	31.20		1.20	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	3.48337					
PISTON RING #		Total Clearance					1.20		RED:	87.4675	87.7175	87.9675	88.2175	88.4675					
		mm		inch			0.047			3.44360	3.45344	3.46329	3.47313	3.48297					
SWT10177		-0.04		-0.00157			3.00	22.00	BLUE:	87.4625	87.7125	87.9625	88.2125	88.4625					
							0.118	0.866		3.44341	3.45325	3.46309	3.47293	3.48278					
 						Cir Clip			GREEN:	87.4725	87.7225	87.9725	88.2225	88.4725					
							SURFACE TREATMENT			REMARKS:									
						C17	Moly Skirt			Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch									
PAGE #		193	261		263				87.500 Tolerance is + / - (mm inch) : 0.0025 0.00010										
11-720	6	87.500	51.00	31.20		1.20	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	3.48337					
PISTON RING #		Total Clearance					1.20		RED:	87.4675	87.7175	87.9675	88.2175	88.4675					
		mm		inch			0.047			3.44360	3.45344	3.46329	3.47313	3.48297					
SWT10177		-0.04		-0.00157			3.00	22.00	BLUE:	87.4625	87.7125	87.9625	88.2125	88.4625					
							0.118	0.866		3.44341	3.45325	3.46309	3.47293	3.48278					
 						Cir Clip			GREEN:	87.4725	87.7225	87.9725	88.2225	88.4725					
							SURFACE TREATMENT			REMARKS:									
						C17	Moly Skirt			Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch									
PAGE #		193	261		263				87.500 Tolerance is + / - (mm inch) : 0.0025 0.00010										
11-720	6	87.500	51.00	31.20		1.20	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	3.48337					
PISTON RING #		Total Clearance					1.20		RED:	87.4675	87.7175	87.9675	88.2175	88.4675					
		mm		inch			0.047			3.44360	3.45344	3.46329	3.47313	3.48297					
SWT10177		-0.04		-0.00157			3.00	22.00	BLUE:	87.4625	87.7125	87.9625	88.2125	88.4625					
							0.118	0.866		3.44341	3.45325	3.46309	3.47293	3.48278					
 						Cir Clip			GREEN:	87.4725	87.7225	87.9725	88.2225	88.4725					
							SURFACE TREATMENT			REMARKS:									
						C17	Moly Skirt			Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch									
PAGE #		193	261		263				87.500 Tolerance is + / - (mm inch) : 0.0025 0.00010										
11-720	6	87.500	51.00	31.20		1.20	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	3.48337					
PISTON RING #		Total Clearance					1.20		RED:	87.4675	87.7175	87.9675	88.2175	88.4675					
		mm		inch			0.047			3.44360	3.45344	3.46329	3.47313	3.48297					
SWT10177		-0.04		-0.00157			3.00	22.00	BLUE:	87.4625	87.7125	87.9625	88.2125	88.4625					
							0.118	0.866		3.44341	3.45325	3.46309	3.47293	3.48278					
 						Cir Clip			GREEN:	87.4725	87.7225	87.9725	88.2225	88.4725					
							SURFACE TREATMENT			REMARKS:									
						C17	Moly Skirt			Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch									
PAGE #		193	261		263				87.500 Tolerance is + / - (mm inch) : 0.0025 0.00010										
11-720	6	87.500	51.00	31.20		1.20	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	3.48337					
PISTON RING #		Total Clearance					1.20		RED:	87.4675	87.7175	87.9675	88.2175	88.4675					
		mm		inch			0.047			3.44360	3.45344	3.46329	3.47313	3.48297					
SWT10177		-0.04		-0.00157			3.00	22.00	BLUE:	87.4625	87.7125	87.9625	88.2125	88.4625					
							0.118	0.866		3.44341	3.45325	3.46309	3.47293						

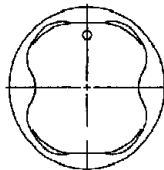
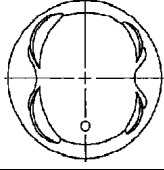
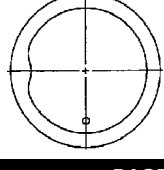
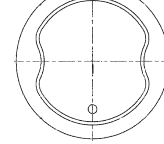
PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION									
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	+ - mm inch	DIST. mm inch	2ND												
							OIL1			mm inch									
							OIL2			mm inch									
PAGE # 263										93.500 Tolerance is + / - (mm inch) : 0.0025 0.00010									
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					
PISTON RING #		Total Clearance						1.50		93.4675	93.7175	93.9675	94.2175	94.4675					
		mm inch						0.059		3.67982	3.68967	3.69951	3.70935	3.71919					
SWT10178		-0.04 -0.00157						4.00		93.4625	93.7125	93.9625	94.2125	94.4625					
								0.157		3.67963	3.68947	3.69931	3.70915	3.71900					
						Cir Clip				REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch									
								SURFACE TREATMENT											
								Anodized Head											
						C17		NONE											
PAGE # 257										86.000 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					
PISTON RING #		Total Clearance						1.50		85.9675	86.2175	86.4675	86.7175	86.9675					
		mm inch						0.059		3.38455	3.39439	3.40423	3.41407	3.42392					
SWT10090		-0.04 -0.00157						4.00		85.9625	86.2125	86.4625	86.7125	86.9625					
								0.157		3.38435	3.39419	3.40404	3.41388	3.42372					
						Cir Clip				REMARKS: Measure for CYL 20.00 mm from Bottom of Skirt. Clearance: 0.787 inch									
								SURFACE TREATMENT											
								NONE											
						C17		NONE											
PAGE # 261										95.000 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					
PISTON RING #		Total Clearance						1.50		94.9675	95.2175	95.4675	95.7175	95.9675					
		mm inch						0.059		3.73888	3.74872	3.75856	3.76841	3.77825					
SWT10139		-0.04 -0.00157						4.00		94.9625	95.2125	95.4625	95.7125	95.9625					
								0.157		3.73868	3.74852	3.75837	3.76821	3.77805					
						Cir Clip				REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch									
								SURFACE TREATMENT											
								Anodized Head											
						C17		Moly Skirt											
PAGE # 259										95.000 Tolerance is + / - (mm inch) : 0.0025 0.00010									
11-725	4	95.000	67.50	35.50	-	2.00	1.75	70.00	YELLOW:	94.9775	95.2275	95.4775	95.7275	95.9775					
		3.740	2.657	1.398		0.079	0.069	2.756		3.73927	3.74911	3.75896	3.76880	3.77864					
PISTON RING #		Total Clearance						1.50		94.9675	95.2175	95.4675	95.7175	95.9675					
		mm inch						0.059		3.73888	3.74872	3.75856	3.76841	3.77825					
SWT10127		-0.03 -0.00118						4.00		94.9625	95.2125	95.4625	95.7125	95.9625					
								0.157		3.73868	3.74852	3.75837	3.76821	3.77805					
						Cir Clip				REMARKS: Measure for CYL 15.00 mm from Bottom of Skirt. Clearance: 0.591 inch									
								SURFACE TREATMENT											
								Anodized Head											
						C17		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.

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.

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.

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



RED = NEW INFORMATION

PISTON BUYER'S GUIDE

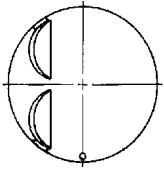
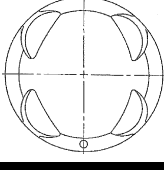
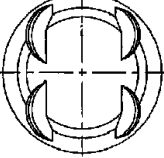
PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	+ - mm inch	DIST. mm inch	2ND			mm	mm	mm	mm	mm	
							OIL1			inch	inch	inch	inch		
							OIL2			mm	mm	mm	mm		
PAGE #		167					75.500 Tolerance is + / - (mm inch) : 0.0025 0.00010								
11-730	4	75.500	53.50	30.50	-	4.10	1.20	47.50	YELLOW:	75.4775	75.7275	75.9775	76.2275	76.4775	
		2.972	2.106	1.201		0.161	0.047	1.870		2.97156	2.98140	2.99124	3.00108	3.01093	
PISTON RING #		Total Clearance						1.50	RED:	75.4675	75.7175	75.9675	76.2175	76.4675	
		mm		inch						0.059	2.97116	2.98100	2.99085	3.00069	3.01053
SWG30019								3.00	BLUE:	75.4625	75.7125	75.9625	76.2125	76.4625	
		-0.04		-0.00157						0.118	2.97096	2.98081	2.99065	3.00049	3.01033
						Cir Clip		18.00	GREEN:	75.4725	75.7225	75.9725	76.2225	76.4725	
						NONE	SURFACE TREATMENT			2.97136	2.98120	2.99104	3.00089	3.01073	
						NONE	NONE			REMARKS:					
						C17	NONE		Measure for CYL 10.00 mm from Bottom of Skirt.						
									Clearance: 0.394 inch						
PAGE #		199					75.300 Tolerance is + / - (mm inch) : 0.0025 0.00010								
11-731	4	75.300	51.80	28.00	-	6.30	1.00	61.00	YELLOW:	75.2775	75.5275	75.7775	76.0275	76.2775	
		2.965	2.039	1.102		0.248	0.039	2.402		2.96368	2.97352	2.98337	2.99321	3.00305	
PISTON RING #		Total Clearance						1.20	RED:	75.2675	75.5175	75.7675	76.0175	76.2675	
		mm		inch						0.047	2.96329	2.97313	2.98297	2.99281	3.00266
SWT20074								2.50	BLUE:	75.2625	75.5125	75.7625	76.0125	76.2625	
		-0.04		-0.00157						0.098	2.96309	2.97293	2.98278	2.99262	3.00246
						Cir Clip		20.00	GREEN:	75.2725	75.5225	75.7725	76.0225	76.2725	
						NONE	SURFACE TREATMENT			2.96348	2.97333	2.98317	2.99301	3.00285	
						NONE	NONE			REMARKS:					
						C17	NONE		Measure for CYL 10.00 mm from Bottom of Skirt.						
									Clearance: 0.394 inch						
PAGE #		159					75.000 Tolerance is + / - (mm inch) : 0.0025 0.00010								
11-732	4	75.000	49.90	29.90	-	2.80	1.00	56.00	YELLOW:	74.9775	75.2275	75.4775	75.7275	75.9775	
		2.953	1.965	1.177		0.110	0.039	2.205		2.95187	2.96171	2.97156	2.98140	2.99124	
PISTON RING #		Total Clearance						1.20	RED:	74.9675	75.2175	75.4675	75.7175	75.9675	
		mm		inch						0.047	2.95148	2.96132	2.97116	2.98100	2.99085
SWH30423								2.80	BLUE:	74.9625	75.2125	75.4625	75.7125	75.9625	
		-0.04		-0.00157						0.110	2.95128	2.96112	2.97096	2.98081	2.99065
						Cir Clip		19.00	GREEN:	74.9725	75.2225	75.4725	75.7225	75.9725	
						NONE	SURFACE TREATMENT			2.95167	2.96152	2.97136	2.98120	2.99104	
						NONE	NONE			REMARKS:					
						C17	NONE		Measure for CYL 10.00 mm from Bottom of Skirt.						
									Clearance: 0.394 inch						
PAGE #		3					81.000 Tolerance is + / - (mm inch) : 0.0025 0.00010								
11-733	4	81.000	60.00	30.00	-	1.30	1.00	56.00	YELLOW:	80.9775	81.2275	81.4775	81.7275	81.9775	
		3.189	2.362	1.181		0.051	0.039	2.205		3.18809	3.19793	3.20778	3.21762	3.22746	
PISTON RING #		Total Clearance						1.20	RED:	80.9675	81.2175	81.4675	81.7175	81.9675	
		mm		inch						0.047	3.18770	3.19754	3.20738	3.21722	3.22707
SWH30373								2.80	BLUE:	80.9625	81.2125	81.4625	81.7125	81.9625	
		-0.04		-0.00157						0.110	3.18750	3.19734	3.20719	3.21703	3.22687
						Cir Clip		21.00	GREEN:	80.9725	81.2225	81.4725	81.7225	81.9725	
						NONE	SURFACE TREATMENT			3.18789	3.19774	3.20758	3.21742	3.22726	
						NONE	NONE			REMARKS:					
						C17	NONE		Measure for CYL 14.00 mm from Bottom of Skirt.						
									Clearance: 0.551 inch						

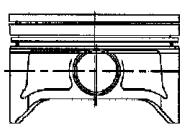
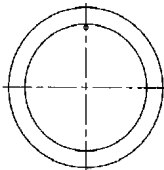
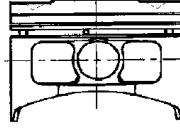
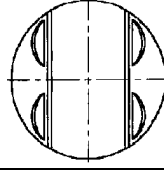
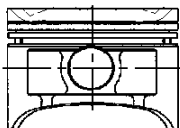
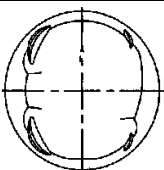
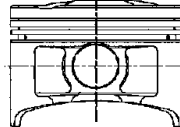
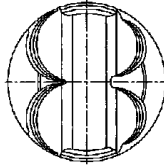
PISTON BUYER'S GUIDE

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



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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	+ mm inch	DIST. mm inch	2ND	LENGTH		mm	mm	mm	mm	mm						
							OIL1	DIA.		inch	inch	inch	inch	inch						
							OIL2	mm												
PAGE #		173							93.000	Tolerance is + / - (mm inch) :					0.0025	0.00010				
11-734	6	93.000	58.30	30.30	-	0.40	1.20	58.00	YELLOW:	92.9775	93.2275	93.4775	93.7275	93.9775						
		3.661	2.295	1.193		0.016	0.047	2.283		3.66053	3.67037	3.68022	3.69006	3.69990						
PISTON RING #		Total Clearance		 11-734 Piston is 11-711 now.												175	93.9675			
SWN30115		mm inch														967	3.69951			
		-0.03 -0.00118														125	93.9625			
				947	3.69931															
				225	93.9725															
				986	3.69970															
				Bottom of																
				ent. To Determine																
				C17 NONE				"Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.												
PAGE #		15 213							87.470	Tolerance is + / - (mm inch) :					0.0045	0.00018				
11-735	4	87.500	64.80	31.40	+	0.90	1.20	75.00	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	3.48348						
PISTON RING #		Total Clearance		 Cir Clip NONE J05												1.20				
SWM31120		mm inch														0.047				
		-0.04 -0.00157														3.00	21.00			
				0.118	0.827															
				SURFACE TREATMENT				REMARKS:												
				NONE				Measure for CYL		13.00 mm		from Bottom of								
				J05				Clearance:		0.512 inch		Skirt.								
PAGE #		159							74.970	Tolerance is + / - (mm inch) :					0.01	0.00039				
11-736	4	75.000	57.80	27.80	-	7.20	1.00	56.00	RED:											
		2.953	2.276	1.094		0.283	0.039	2.205		74.9600	75.2100	75.4600	75.7100	75.9600						
PISTON RING #		Total Clearance		 Cir Clip NONE T03												2.95118	2.96102	2.97087	2.98071	2.99055
SWH30423		mm inch														0.047				
		-0.03 -0.00118														2.80	19.00			
				0.110	0.748															
				SURFACE TREATMENT				REMARKS:												
				NONE				Measure for CYL		15.50 mm		from Bottom of								
				T03				Clearance:		0.610 inch		Skirt.								
PAGE #		161							80.980	Tolerance is + / - (mm inch) :					0.0045	0.00018				
11-737	4	81.000	62.60	30.00	+	2.60	1.00	56.00	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	3.22797						
PISTON RING #		Total Clearance		 Cir Clip NONE J05												80.9825	81.2325	81.4825	81.7325	81.9825
SWH30373		mm inch														0.047				
		-0.03 -0.00118														2.80	21.00			
				0.110	0.827															
				SURFACE TREATMENT				REMARKS:												
				NONE				Measure for CYL		16.00 mm		from Bottom of								
				J05				Clearance:		0.630 inch		Skirt.								

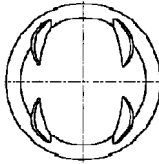
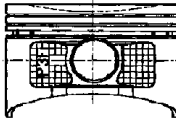
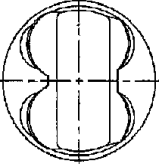
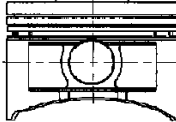
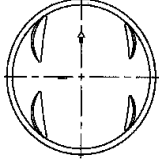
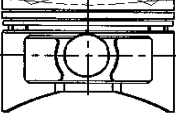
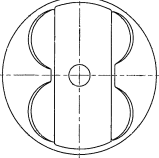
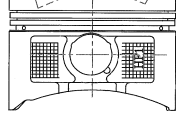
PISTON BUYER'S GUIDE

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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)	REMARKS:	
		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		
							OIL2	mm		inch	inch	inch	inch	inch		
PAGE #		161							83.980		Tolerance is + / - (mm inch) : 0.0045 0.00018					
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		83.9825	84.2325	84.4825	84.7325	84.9825		
		mm	inch					0.047		3.30640	3.31624	3.32608	3.33593	3.34577		
SWH30437		-0.04 -0.00157						2.80	21.00	83.9695	84.2195	84.4695	84.7195	84.9695		
								0.110	0.827	3.30589	3.31573	3.32557	3.33541	3.34526		
				Cir Clip					SURFACE TREATMENT	Measure for CYL Clearance: mm from Bottom of inch Skirt.						
				NONE												
				J05				NONE								
PAGE #		163							87.000		Tolerance is + / - (mm inch) : 0.003 0.00012					
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		87.0065	87.2565	87.5065	87.7565	88.0065		
		mm	inch					0.217		3.42545	3.43530	3.44514	3.45498	3.46482		
SWH30433		-0.04 -0.00157						2.80	22.00	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	Measure for CYL Clearance: 7.00 mm from Bottom of 0.276 inch Skirt.						
				NONE												
				T01				NONE								
PAGE #		163							86.980		Tolerance is + / - (mm inch) : 0.003 0.00012					
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		86.9865	87.2365	87.4865	87.7365	87.9865		
		mm	inch					0.126		3.42467	3.43451	3.44435	3.45419	3.46404		
SWH30433		-0.04 -0.00157						2.80	22.00	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	Measure for CYL Clearance: 11.00 mm from Bottom of 0.433 inch Skirt.						
				NONE												
				T01				NONE								
PAGE #		163							86.970		Tolerance is + / - (mm inch) : 0.003 0.00012					
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		86.9765	87.2265	87.4765	87.7265	87.9765		
		mm	inch					0.047		3.42427	3.43411	3.44396	3.45380	3.46364		
SWH30433		-0.04 -0.00157						2.80	21.97	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	Measure for CYL Clearance: 7.00 mm from Bottom of 0.276 inch Skirt.						
																
				T01				NONE								

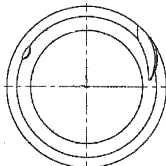
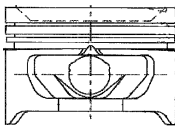
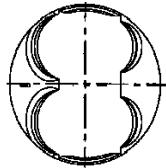
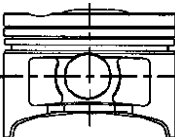
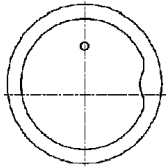
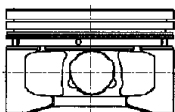
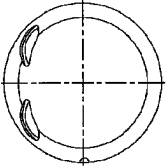
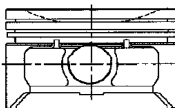
PISTON BUYER'S GUIDE

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NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	- DIST. mm inch	2ND			mm	mm	mm	mm	mm						
							OIL1			inch	inch	inch	inch							
							OIL2			mm	mm	mm	mm							
PAGE #		167																		
11-742	4	75.500	54.40	31.40	~	2.30	1.50	47.30	YELLOW:	75.4905	75.7405	75.9905	76.2405	76.4905						
		2.972	2.142	1.236		0.091	0.059	1.862		2.97207	2.98191	2.99175	3.00159	3.01144						
PISTON RING #		Total Clearance				6.70	1.50	18.00	WHITE:	75.4825	75.7325	75.9825	76.2325	76.4825						
		mm	inch		0.264	0.059	2.97175			2.98159	2.99144	3.00128	3.01112							
SWG30017		-0.04		-0.00157			3.00	0.709	BLUE:	75.4695	75.7195	75.9695	76.2195	76.4695						
							0.118			2.97124	2.98108	2.99093	3.00077	3.01061						
						Cir Clip		18.00	GREEN:	75.4775	75.7275	75.9775	76.2275	76.4775						
						NONE	SURFACE TREATMENT			REMARKS: Measure for CYL Clearance:	5.00 mm		from Bottom of Skirt.							
							NONE				0.197 inch									
						J05	NONE													
PAGE #		3																		
11-743	4	81.000	62.20	30.40	+	1.80	1.00	56.00	YELLOW:	80.9775	81.2275	81.4775	81.7275	81.9775						
		3.189	2.449	1.197		0.071	0.039	2.205		3.18809	3.19793	3.20778	3.21762	3.22746						
PISTON RING #		Total Clearance				1.20		21.00	RED:	80.9675	81.2175	81.4675	81.7175	81.9675						
		mm	inch		0.047	0.047	3.18770			3.19754	3.20738	3.21722	3.22707							
SWH30373		-0.04		-0.00157			2.80	0.827	BLUE:	80.9625	81.2125	81.4625	81.7125	81.9625						
							0.110			3.18750	3.19734	3.20719	3.21703	3.22687						
						Cir Clip		21.00	GREEN:	80.9725	81.2225	81.4725	81.7225	81.9725						
						NONE	SURFACE TREATMENT			REMARKS: Measure for CYL Clearance:	15.00 mm		from Bottom of Skirt.							
							NONE				0.591 inch									
						C17	Moly Skirt													
PAGE #		259																		
11-745	4	95.000	59.00	35.60	-	0.90	1.50	70.00	YELLOW:	94.9905	95.2405	95.4905	95.7405	95.9905						
		3.740	2.323	1.402		0.035	0.059	2.756		3.73978	3.74963	3.75947	3.76931	3.77915						
PISTON RING #		Total Clearance				1.50		24.00	WHITE:	94.9825	95.2325	95.4825	95.7325	95.9825						
		mm	inch		0.059	0.059	3.73947			3.74931	3.75915	3.76900	3.77884							
SWT10139		-0.04		-0.00157			4.00	0.945	BLUE:	94.9695	95.2195	95.4695	95.7195	95.9695						
							0.157			3.73896	3.74880	3.75864	3.76848	3.77833						
						Cir Clip		24.00	GREEN:	94.9775	95.2275	95.4775	95.7275	95.9775						
							SURFACE TREATMENT			REMARKS: Measure for CYL Clearance:	7.00 mm		from Bottom of Skirt.							
							Anodized Head				0.276 inch									
						J05	Moly Skirt													
PAGE #		177																		
11-747	4	86.000	55.50	30.40	-	7.50	1.50	61.50	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775						
		3.386	2.185	1.197		0.295	0.059	2.421		3.38494	3.39478	3.40463	3.41447	3.42431						
PISTON RING #		Total Clearance				1.50		21.00	RED:	85.9675	86.2175	86.4675	86.7175	86.9675						
		mm	inch		0.059	0.059	3.38455			3.39439	3.40423	3.41407	3.42392							
SWI10205		-0.03		-0.00118			3.00	0.827	BLUE:	85.9625	86.2125	86.4625	86.7125	86.9625						
							0.118			3.38435	3.39419	3.40404	3.41388	3.42372						
						Cir Clip		21.00	GREEN:	85.9725	86.2225	86.4725	86.7225	86.9725						
						NONE	SURFACE TREATMENT			REMARKS: Measure for CYL Clearance:	10.00 mm		from Bottom of Skirt.							
							NONE				0.394 inch									
						C17	NONE													

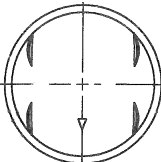
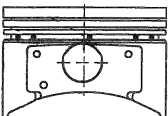
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NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)		
		BORE	LENGTH	COMP.	+	DIST.	2ND			mm	mm	mm	mm	mm		
		inch	inch	mm	inch	mm	inch			OIL1	inch	inch	inch	inch	inch	
		PAGE #	217							93.000	Tolerance is + / - (mm inch) :				0.0025	0.00010
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	3.69006	3.69990			
PISTON RING #		Total Clearance						1.50	RED:	92.9675	93.2175	93.4675	93.7175	93.9675		
		mm		inch				0.059		3.66014	3.66998	3.67982	3.68967	3.69951		
SWM31121		-0.04		-0.00157				3.00	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	
						Cir Clip			GREEN:	92.9725	93.2225	93.4725	93.7225	93.9725		
										3.66033	3.67018	3.68002	3.68986	3.69970		
									REMARKS:							
								SURFACE TREATMENT	Measure for CYL							
						C17		NONE	Clearance: 15.00 mm from Bottom of Skirt.							
									0.591 inch							

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NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	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	2ND			mm	mm	mm	mm	mm		
						OIL1			inch	inch	inch	inch	inch	inch	inch
						OIL2			mm	mm	mm	mm	mm	mm	mm
PAGE #		3						81.000	Tolerance is + / - (mm inch) :			0.003	0.00012		
11-753	4	81.000	60.00	30.00	-	1.60	1.00	56.00	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	3.22807	
PISTON RING #		Total Clearance		-	4.60	1.20			RED:	81.0065	81.2565	81.5065	81.7565	82.0065	
		mm	inch							0.18	0.047			3.18923	3.19907
SWH30373		-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	
										</					

PISTON BUYER'S GUIDE

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



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RED = NEW INFORMATION

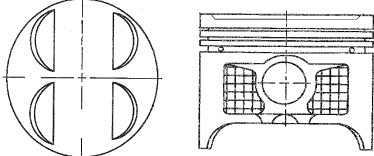
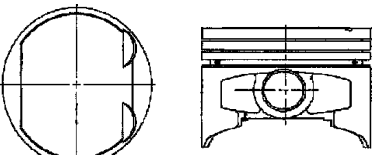
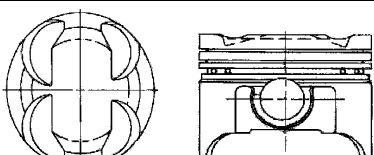
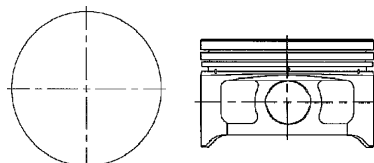
NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION									
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)			
		BORE mm inch	LENGTH mm inch	COMP. mm inch	+ - -	DIST. mm inch	2ND	LENGTH		mm	mm	mm	mm	mm			
							OIL1	DIA.		inch	inch	inch	inch	inch			
							OIL2	mm		inch	inch	inch	inch	inch			
PAGE #		3								84.995		Tolerance is + / - (mm inch) :		0.003	0.00012		
11-757	4	85.000	65.00	30.50		2.20	1.20	57.00	YELLOW:	84.9880	85.2380	85.4880	85.7380	85.9880			
		3.346	2.559	1.201	-	0.087	0.047	2.244		3.34598	3.35583	3.36567	3.37551	3.38535			
		PISTON RING #		Total Clearance													
		mm		inch													
SWH30383		-0.04		-0.00157		-		3.40		2.80		22.00					
								0.13		0.110		0.866					
				Cir Clip													
				NONE		SURFACE TREATMENT											
						NONE											
				T01		NONE											
PAGE #		17		213								85.000		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-758	4	85.000	67.00	35.00		3.30	1.20	62.00	YELLOW:	84.9775	85.2275	85.4775	85.7275	85.9775			
		3.346	2.638	1.378	-	0.130	0.047	2.441		3.34557	3.35541	3.36526	3.37510	3.38494			
		PISTON RING #		Total Clearance													
		mm		inch													
SWM31103		-0.04		-0.00157				1.50		0.059		22.00					
								2.80		0.110		0.866					
				Cir Clip													
				NONE		SURFACE TREATMENT											
						Anodized Head											
				C17		NONE											
PAGE #		205										89.995		Tolerance is + / - (mm inch) :		0.003	0.00012
11-759	6	90.000	70.70	35.20	+	1.45	1.50	63.00	YELLOW:	89.9880	90.2380	90.4880	90.7380	90.9880			
		3.543	2.783	1.386		0.057	0.059	2.480		3.54283	3.55268	3.56252	3.57236	3.58220			
		PISTON RING #		Total Clearance													
		mm		inch													
SWT20062		-0.04		-0.00157				1.50		0.059		23.00					
								4.00		0.157		0.906					
				Cir Clip													
				NONE		SURFACE TREATMENT											
						NONE											
				T01		Moly Skirt											
PAGE #		217										91.100		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-762	6	91.100	65.80	31.80		3.20	1.20	64.00	YELLOW:	91.0775	91.3275	91.5775	91.8275	92.0775			
		3.587	2.591	1.252	-	0.126	0.047	2.520		3.58573	3.59557	3.60541	3.61526	3.62510			
		PISTON RING #		Total Clearance													
		mm		inch													
SWM31078		-0.04		-0.00157				1.50		0.059		22.00					
								3.00		0.118		0.866					
				Cir Clip													
				NONE		SURFACE TREATMENT											
						NONE											
				C17		NONE											
PAGE #		217										91.100		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-762	6	91.100	65.80	31.80		3.20	1.20	64.00	YELLOW:	91.0775	91.3275	91.5775	91.8275	92.0775			
		3.587	2.591	1.252	-	0.126	0.047	2.520		3.58573	3.59557	3.60541	3.61526	3.62510			
		PISTON RING #		Total Clearance													
		mm		inch													
SWM31078		-0.04		-0.00157				1.50		0.059		22.00					
								3.00		0.118		0.866					
				Cir Clip													
				NONE		SURFACE TREATMENT											
						NONE											
				C17		NONE											
PAGE #		217										91.100		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-762	6	91.100	65.80	31.80		3.20	1.20	64.00	YELLOW:	91.0775	91.3275	91.5775	91.8275	92.0775			
		3.587	2.591	1.252	-	0.126	0.047	2.520		3.58573	3.59557	3.60541	3.61526	3.62510			
		PISTON RING #		Total Clearance													
		mm		inch													
SWM31078		-0.04		-0.00157				1.50		0.059		22.00					
								3.00		0.118		0.866					
				Cir Clip													
				NONE		SURFACE TREATMENT											
						NONE											
				C17		NONE											
PAGE #		217										91.100		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-762	6	91.100	65.80	31.80		3.20	1.20	64.00	YELLOW:	91.0775	91.3275	91.5775	91.8275	92.0775			
		3.587	2.591	1.252	-	0.126	0.047	2.520		3.58573	3.59557	3.60541	3.61526	3.62510			
		PISTON RING #		Total Clearance													
		mm		inch													
SWM31078		-0.04		-0.00157				1.50		0.059		22.00					
								3.00		0.118		0.866					
				Cir Clip													
				NONE		SURFACE TREATMENT											
						NONE											
				C17		NONE											
PAGE #		217										91.100		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-762	6	91.100	65.80	31.80		3.20	1.20	64.00	YELLOW:	91.0775	91.3275	91.5775	91.8275	92.0775			
		3.587	2.591	1.252	-	0.126	0.047	2.520		3.58573	3.59557	3.60541	3.61526	3.62510			
		PISTON RING #		Total Clearance													
		mm		inch													
SWM31078		-0.04		-0.00157				1.50		0.059		22.00					
								3.00		0.118		0.866					
				Cir Clip													
				NONE		SURFACE TREATMENT											
						NONE											
				C17		NONE											
PAGE #		217										91.100		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-762	6	91.100	65.80	31.80		3.20	1.20	64.00	YELLOW:	91.0775	91.3275	91.5775	91.8275	92.0775			
		3.587	2.591	1.252	-	0.126	0.047	2.520		3.58573	3.59557	3.60541	3.61526	3.62510			
		PISTON RING #		Total Clearance													
		mm		inch													
SWM31078		-0.04		-0.00157				1.50		0.059		22.00					
								3.00		0.118		0.866					
				Cir Clip													
				NONE		SURFACE TREATMENT											
						NONE											
				C17		NONE											
PAGE #		217										91.100		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-762	6	91.100	65.80	31.80		3.20	1.20	64.00	YELLOW:	91.0775	91.3275	91.5775	91.8275	92.0775			
		3.587	2.591	1.252	-	0.126	0.047	2.520		3.58573	3.59557	3.60541	3.61526	3.62510			
		PISTON RING #		Total Clearance													
		mm		inch													
SWM31078		-0.04		-0.00157				1.50		0.059		22.00					
								3.00		0.118		0.866					
				Cir Clip													
				NONE		SURFACE TREATMENT											
						NONE											
				C17		NONE											
PAGE #		217										91.100		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-762	6	91.100	65.80	31.80		3.20	1.20	64.00	YELLOW:	91.0775	91.3275	91.5775	91.8275	92.0775			
		3.587	2.591	1.252	-	0.126	0.047	2.520		3.58573	3.59557	3.60541	3.61526	3.62510			
		PISTON RING #		Total Clearance													
		mm		inch													
SWM31078		-0.04		-0.00157				1.50		0.059		22.00					
								3.00		0.118		0.866					
				Cir Clip													
				NONE		SURFACE TREATMENT											
						NONE											
				C17		NONE											
PAGE #		217										91.100		Tolerance is + / - (mm inch) :		0.0025	0.00010
11-762	6	91.100	65.80	31.80		3.20	1.20	64.00	YELLOW:	91.0775	91.3275	91.5775	91.8275	92.0775			
		3.587	2.														

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



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RED = NEW INFORMATION

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	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	2ND			mm	mm	mm	mm	mm		
						OIL1									
						OIL2									
PAGE #		179						93.400	Tolerance is +/- (mm inch) :			0.0025	0.00010		
11-764	6	93.400	57.00	33.70	-	1.90	1.50	66.00	YELLOW:	93.3775	93.6275	93.8775	94.1275	94.3775	
		3.677	2.244	1.327		0.075	0.059			2.598	3.67628	3.68612	3.69596	3.70581	3.71565
PISTON RING #		Total Clearance					1.50		RED:	93.3675	93.6175	93.8675	94.1175	94.3675	
		mm	inch				0.059			3.67589	3.68573	3.69557	3.70541	3.71526	
SWI10191		-0.04	-0.00157				3.00	22.00	BLUE:	93.3625	93.6125	93.8625	94.1125	94.3625	
							0.118	0.866		3.67569	3.68553	3.69537	3.70522	3.71506	
		Cir Clip		NONE	SURFACE TREATMENT		NONE	REMARKS:	Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch						
					NONE										
					C17										
PAGE #		15		211 <td rowspan="2">+</td> <td>0.20</td> <td>1.20</td> <td rowspan="2">58.00</td> <td rowspan="2">81.000</td> <td colspan="3">Tolerance is +/- (mm inch) :</td> <td>0.0025</td> <td>0.00010</td>		+	0.20	1.20	58.00	81.000	Tolerance is +/- (mm inch) :			0.0025	0.00010
11-767	4	81.000	60.00	30.80	0.008		0.047	2.283			YELLOW:	80.9775	81.2275	81.4775	81.7275
		3.189	2.362	1.213				3.18809	3.19793	3.20778		3.21762	3.22746		
PISTON RING #		Total Clearance				<td>1.20</td> <td rowspan="2">RED:</td> <td>80.9675</td> <td>81.2175</td> <td>81.4675</td> <td>81.7175</td> <td>81.9675</td>	1.20	RED:	80.9675	81.2175	81.4675	81.7175	81.9675		
		mm	inch			<td>0.047</td> <td>3.18770</td> <td>3.19754</td> <td>3.20738</td> <td>3.21722</td> <td>3.22707</td>	0.047		3.18770	3.19754	3.20738	3.21722	3.22707		
SWM31079		-0.04	-0.00157				2.80	19.00	BLUE:	80.9625	81.2125	81.4625	81.7125	81.9625	
							0.110	0.748		3.18750	3.19734	3.20719	3.21703	3.22687	
		Cir Clip		NONE	SURFACE TREATMENT		NONE	REMARKS:	Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch						
					NONE										
					C17										
PAGE #		249 <td rowspan="2">-</td> <td>1.80</td> <td>1.20</td> <td rowspan="2">61.50</td> <td rowspan="2">74.000</td> <td colspan="3">Tolerance is +/- (mm inch) :</td> <td>0.0025</td> <td>0.00010</td>		-	1.80	1.20	61.50	74.000	Tolerance is +/- (mm inch) :			0.0025	0.00010		
11-769	4	74.000	56.00		29.00	0.071			0.047	2.421	YELLOW:	73.9775	74.2275	74.4775	74.7275
		2.913	2.205	1.142				2.91250	2.92234	2.93219		2.94203	2.95187		
PISTON RING #		Total Clearance				<td>1.20</td> <td rowspan="2">RED:</td> <td>73.9675</td> <td>74.2175</td> <td>74.4675</td> <td>74.7175</td> <td>74.9675</td>	1.20	RED:	73.9675	74.2175	74.4675	74.7175	74.9675		
		mm	inch			<td>0.047</td> <td>2.91211</td> <td>2.92195</td> <td>2.93179</td> <td>2.94163</td> <td>2.95148</td>	0.047		2.91211	2.92195	2.93179	2.94163	2.95148		
SWS20186		-0.04	-0.00157				2.50	19.00	BLUE:	73.9625	74.2125	74.4625	74.7125	74.9625	
							0.098	0.748		2.91191	2.92175	2.93159	2.94144	2.95128	
		Cir Clip			SURFACE TREATMENT		NONE	REMARKS:	Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch						
					NONE										
					C17										
PAGE #		169		187 <td rowspan="2">-</td> <td>1.20</td> <td>59.00</td> <td rowspan="2">83.980</td> <td colspan="3">Tolerance is +/- (mm inch) :</td> <td>0.003</td> <td>0.00012</td>		-	1.20	59.00	83.980	Tolerance is +/- (mm inch) :			0.003	0.00012	
11-771	6	84.000	52.50	30.60			0.047	2.323		YELLOW:	83.9730	84.2230	84.4730	84.7230	84.9730
		3.307	2.067	1.205				3.30602	3.31587		3.32571	3.33555	3.34539		
PISTON RING #		Total Clearance				<td>1.20</td> <td rowspan="2">RED:</td> <td>83.9865</td> <td>84.2365</td> <td>84.4865</td> <td>84.7365</td> <td>84.9865</td>	1.20	RED:	83.9865	84.2365	84.4865	84.7365	84.9865		
		mm	inch			<td>0.047</td> <td>3.30656</td> <td>3.31640</td> <td>3.32624</td> <td>3.33608</td> <td>3.34593</td>	0.047		3.30656	3.31640	3.32624	3.33608	3.34593		
NA		-0.03	-0.00118				2.50	21.00	BLUE:	83.9795	84.2295	84.4795	84.7295	84.9795	
							0.098	0.827		3.30628	3.31612	3.32596	3.33581	3.34565	
		Cir Clip		NONE	SURFACE TREATMENT		NONE	REMARKS:	Measure for CYL Clearance: 6.00 mm from Bottom of Skirt. 0.236 inch						
					NONE										
					T01										

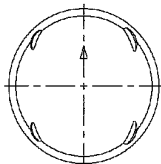
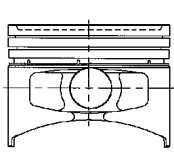
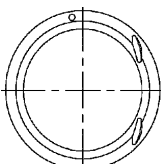
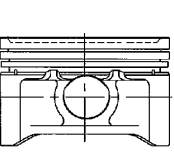
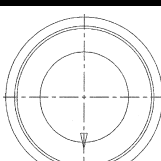
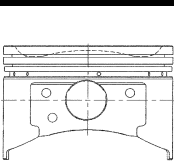
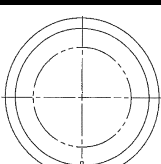
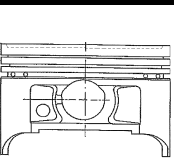
PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	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	2ND			mm inch	mm inch	mm inch	mm inch	mm inch		
						OIL1			MID	MID	MID	MID			
						OIL2									
PAGE #		169	187					86.490	Tolerance is + / - (mm inch) : 0.003 0.00012						
11-772	4	86.500 3.406	66.70 2.626	34.60 1.362	-	3.50 0.138	1.20 0.047	62.00 2.441	YELLOW:	86.4830 3.40484	86.7330 3.41469	86.9830 3.42453	87.2330 3.43437	87.4830 3.44421	
		PISTON RING #		Total Clearance mm inch			1.50 0.059	22.00 0.866		RED:	86.4965 3.40537	86.7465 3.41522	86.9965 3.42506	87.2465 3.43490	87.4965 3.44474
		SWG30047		-0.03 -0.00118			2.80 0.110				BLUE:	86.4895 3.40510	86.7395 3.41494	86.9895 3.42478	87.2395 3.43463
				Cir Clip		SURFACE TREATMENT NONE NONE	REMARKS: Measure for CYL Clearance: 5.00 mm 0.197 inch from Bottom of Skirt.								
				NONE											
				T01											
PAGE #		185						75.480	Tolerance is + / - (mm inch) : 0.0045 0.00018						
11-773	4	75.500 2.972	51.30 2.020	28.30 1.114	-	2.30 0.091	1.20 0.047	52.00 2.047	YELLOW:	75.4850 2.97185	75.7350 2.98169	75.9850 2.99154	76.2350 3.00138	76.4850 3.01122	
		PISTON RING #		Total Clearance mm inch			1.20 0.047	19.98 0.787		WHITE:	75.4825 2.97175	75.7325 2.98159	75.9825 2.99144	76.2325 3.00128	76.4825 3.01112
		SWK30019		-0.03 -0.00118			2.50 0.098				BLUE:	75.4750 2.97146	75.7250 2.98130	75.9750 2.99114	76.2250 3.00098
				Cir Clip		SURFACE TREATMENT NONE NONE	REMARKS: Measure for CYL Clearance: 18.00 mm 0.709 inch from Bottom of Skirt.								
				NONE											
				J05											
PAGE #		217						93.000	Tolerance is + / - (mm inch) : 0.0025 0.00010						
11-774	6	93.000 3.661	65.20 2.567	31.20 1.228	-	6.00 0.236	1.50 0.059	64.00 2.520	YELLOW:	92.9775 3.66053	93.2275 3.67037	93.4775 3.68022	93.7275 3.69006	93.9775 3.69990	
		PISTON RING #		Total Clearance mm inch			1.50 0.059	22.00 0.866		RED:	92.9675 3.66014	93.2175 3.66998	93.4675 3.67982	93.7175 3.68967	93.9675 3.69951
		SWM31121		-0.03 -0.00118			3.00 0.118				BLUE:	92.9625 3.65994	93.2125 3.66978	93.4625 3.67963	93.7125 3.68947
				Cir Clip		SURFACE TREATMENT NONE NONE	REMARKS: Measure for CYL Clearance: 10.00 mm 0.394 inch from Bottom of Skirt.								
															
				C17											
PAGE #		249						84.000	Tolerance is + / - (mm inch) : 0.0025 0.00010						
11-775	4	84.000 3.307	58.90 2.319	29.40 1.157	-	4.90 0.193	1.20 0.047	58.00 2.283	YELLOW:	83.9775 3.30620	84.2275 3.31604	84.4775 3.32589	84.7275 3.33573	84.9775 3.34557	
		PISTON RING #		Total Clearance mm inch			1.50 0.059	21.00 0.827		RED:	83.9675 3.30581	84.2175 3.31565	84.4675 3.32549	84.7175 3.33533	84.9675 3.34518
		SWS20178		-0.04 -0.00157			2.50 0.098				BLUE:	83.9625 3.30561	84.2125 3.31545	84.4625 3.32530	84.7125 3.33514
				Cir Clip		SURFACE TREATMENT NONE NONE	REMARKS: Measure for CYL Clearance: 10.00 mm 0.394 inch from Bottom of Skirt.								
															
				C17											

PISTON BUYER'S GUIDE

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



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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
		inch	inch	inch	-	inch	OIL1		DIA.	inch	inch	inch	inch	inch
PAGE #		237	253											
11-776	4	75.000	49.00	30.10	-	6.20	1.20	53.00	YELLOW:	74.9775	75.2275	75.4775	75.7275	75.9775
		2.953	1.929	1.185		0.244	0.047	2.087		2.95187	2.96171	2.97156	2.98140	2.99124
		PISTON RING #		Total Clearance		2.20	1.20			74.9675	75.2175	75.4675	75.7175	75.9675
				mm	inch	0.087	0.047		RED:	2.95148	2.96132	2.97116	2.98100	2.99085
SWT10192							2.00	18.00		74.9625	75.2125	75.4625	75.7125	75.9625
							0.079	0.709		2.95128	2.96112	2.97096	2.98081	2.99065
									GREEN:	74.9725	75.2225	75.4725	75.7225	75.9725
										2.95167	2.96152	2.97136	2.98120	2.99104
										REMARKS:				
									Measure for CYL		10.00 mm	from Bottom of		
									Clearance:		0.394 inch	Skirt.		
							</							

PISTON BUYER'S GUIDE

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Total Diameter, not one side.
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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION										
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	2ND			mm	mm	mm	mm	mm						
							OIL1			inch	inch	inch	inch							
							OIL2			mm	mm	mm	mm							
PAGE #		31								85.960 Tolerance is + / - (mm inch) :		0.0045 0.00018								
11-780	6	86.000	53.20	31.20			1.50	60.00	YELLOW:	85.9705	86.2205	86.4705	86.7205	86.9705						
		3.386	2.094	1.228			0.059	2.362		3.38467	3.39451	3.40435	3.41419	3.42404						
PISTON RING #		Total Clearance								WHITE:	85.9625	86.2125	86.4625	86.7125	86.9625					
		mm	inch								3.38435	3.39419	3.40404	3.41388	3.42372					
SWC10001		-0.04 -0.00157								BLUE:	85.9495	86.1995	86.4495	86.6995	86.9495					
											3.38384	3.39368	3.40352	3.41337	3.42321					
										GREEN:	85.9575	86.2075	86.4575	86.7075	86.9575					
											3.38415	3.39400	3.40384	3.41368	3.42352					
										REMARKS:										
										Measure for CYL										
										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.										
PAGE #		3		163						85.980 Tolerance is + / - (mm inch) :		0.003 0.00012								
11-781	4	86.000	51.50	30.02	-	2.40	1.20	54.00	YELLOW:	85.9730	86.2230	86.4730	86.7230	86.9730						
		3.386	2.028	1.182		0.094	0.047	2.126		3.38476	3.39461	3.40445	3.41429	3.42413						
PISTON RING #		Total Clearance								RED:	85.9865	86.2365	86.4865	86.7365	86.9865					
		mm	inch								3.38530	3.39514	3.40498	3.41482	3.42467					
SWH30443		-0.04 -0.00157								BLUE:	85.9795	86.2295	86.4795	86.7295	86.9795					
											3.38502	3.39486	3.40470	3.41455	3.42439					
										REMARKS:										
										Measure for CYL										
										Clearance:										
										16.00 mm from Bottom of Skirt.										
PAGE #		161								74.990 Tolerance is + / - (mm inch) :		0.003 0.00012								
11-785	4	75.000	49.10	29.10	-	2.40	1.00	56.00	YELLOW:	74.9830	75.2330	75.4830	75.7330	75.9830						
		2.953	1.933	1.146		0.094	0.039	2.205		2.95209	2.96193	2.97177	2.98161	2.99146						
PISTON RING #		Total Clearance								RED:	74.9965	75.2465	75.4965	75.7465	75.9965					
		mm	inch								2.95262	2.96246	2.97230	2.98215	2.99199					
SWH30423		-0.03 -0.00118								BLUE:	74.9895	75.2395	75.4895	75.7395	75.9895					
											2.95234	2.96219	2.97203	2.98187	2.99171					
										REMARKS:										
										Measure for CYL										
										Clearance:										
										3.00 mm from Bottom of Skirt.										
PAGE #		235		245						99.500 Tolerance is + / - (mm inch) :		0.0025 0.00010								
11-788	4	99.500	50.00	29.50	-	1.70	1.20	64.00	YELLOW:	99.4775	99.7275	99.9775	100.2275	100.4775						
		3.917	1.969	1.161		0.067	0.047	2.520		3.91644	3.92628	3.93612	3.94596	3.95581						
PISTON RING #		Total Clearance								RED:	99.4675	99.7175	99.9675	100.2175	100.4675					
		mm	inch								3.91604	3.92589	3.93573	3.94557	3.95541					
SWF20066		-0.04 -0.00157								BLUE:	99.4625	99.7125	99.9625	100.2125	100.4625					
											3.91585	3.92569	3.93553	3.94537	3.95522					
										GREEN:	99.4725	99.7225	99.9725	100.2225	100.4725					
											3.91624	3.92608	3.93593	3.94577	3.95561					
										REMARKS:										
										Measure for CYL										
										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.										

Cylinder Wall Clearance is showing
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EX: $-0.04 \text{ (Total)} / 2 = -0.02 \text{ (one side)}$



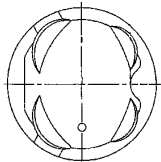
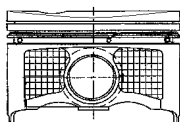
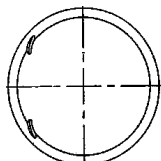
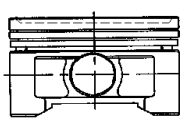
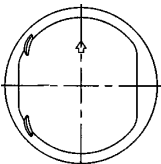
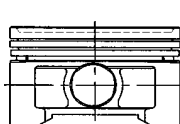
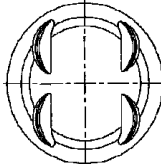
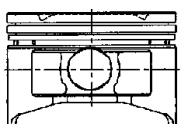
PISTON BUYER'S GUIDE

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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION								
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	+ - mm inch	DIST. mm inch	2ND			mm	mm	mm	mm	mm		
							OIL1			inch	inch	inch	inch			
							OIL2			mm	mm	mm	mm			
PAGE # 257								86.000	Tolerance is + / - (mm inch) :				0.0025	0.00010		
11-795	4	86.000	59.10	35.00	-	3.90	1.20	56.00	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775		
		3.386	2.327	1.378		0.154	0.047	2.205		3.38494	3.39478	3.40463	3.41447	3.42431		
PISTON RING #		Total Clearance						1.20	RED: <td>85.9675</td> <td>86.2175</td> <td>86.4675</td> <td>86.7175</td> <td>86.9675</td>	85.9675	86.2175	86.4675	86.7175	86.9675		
		mm	inch					0.047		3.38455	3.39439	3.40423	3.41407	3.42392		
SWT10162		-0.04		-0.00157				3.00	BLUE:	85.9625	86.2125	86.4625	86.7125	86.9625		
								0.118		0.866	3.38435	3.39419	3.40404	3.41388	3.42372	
 						Cir Clip		SURFACE TREATMENT	REMARKS:	Measure for CYL Clearance: 15.00 mm from Bottom of Skirt.				0.591	inch	
						NONE										NONE
						C17										NONE
PAGE # 161								75.000	Tolerance is + / - (mm inch) :				0.0025	0.00010		
11-797	4	75.000	46.50	26.90	-	2.90	1.00	56.00	YELLOW:	74.9775	75.2275	75.4775	75.7275	75.9775		
		2.953	1.831	1.059		0.114	0.039	2.205		2.95187	2.96171	2.97156	2.98140	2.99124		
PISTON RING #		Total Clearance						1.20	RED:	74.9675	75.2175	75.4675	75.7175	75.9675		
		mm	inch					0.047		2.95148	2.96132	2.97116	2.98100	2.99085		
SWH30440		-0.03		-0.00118				2.00	BLUE:	74.9625	75.2125	75.4625	75.7125	75.9625		
								0.079		0.748	2.95128	2.96112	2.97096	2.98081	2.99065	
 						Cir Clip		SURFACE TREATMENT	REMARKS:	Measure for CYL Clearance: 5.00 mm from Bottom of Skirt.				0.197	inch	
						NONE										NONE
						C17										NONE
PAGE # 161								75.000	Tolerance is + / - (mm inch) :				0.0025	0.00010		
11-798	4	75.000	45.60	27.00	-	2.70	1.00	56.00	YELLOW:	74.9775	75.2275	75.4775	75.7275	75.9775		
		2.953	1.795	1.063		0.106	0.039	2.205		2.95187	2.96171	2.97156	2.98140	2.99124		
PISTON RING #		Total Clearance						1.20	RED:	74.9675	75.2175	75.4675	75.7175	75.9675		
		mm	inch					0.047		2.95148	2.96132	2.97116	2.98100	2.99085		
SWH30440		-0.03		-0.00118				2.00	BLUE:	74.9625	75.2125	75.4625	75.7125	75.9625		
								0.079		0.748	2.95128	2.96112	2.97096	2.98081	2.99065	
 						Cir Clip		SURFACE TREATMENT	REMARKS:	Measure for CYL Clearance: 5.00 mm from Bottom of Skirt.				0.197	inch	
						NONE										NONE
						C17										NONE
PAGE # 161								84.000	Tolerance is + / - (mm inch) :				0.0025	0.00010		
11-799	4	84.000	59.60	29.60	-	0.70	1.20	56.50	YELLOW:	83.9775	84.2275	84.4775	84.7275	84.9775		
		3.307	2.346	1.165		0.028	0.047	2.224		3.30620	3.31604	3.32589	3.33573	3.34557		
PISTON RING #		Total Clearance						1.20	RED:	83.9675	84.2175	84.4675	84.7175	84.9675		
		mm	inch					0.047		3.30581	3.31565	3.32549	3.33533	3.34518		
SWH30437		-0.03		-0.00118				2.80	BLUE:	83.9625	84.2125	84.4625	84.7125	84.9625		
								0.110		0.827	3.30561	3.31545	3.32530	3.33514	3.34498	
 						Cir Clip		SURFACE TREATMENT	REMARKS:	Measure for CYL Clearance: 15.00 mm from Bottom of Skirt.				0.591	inch	
						NONE										NONE
						C17										NONE

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
Total Diameter, not one side.
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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	- inch	2ND	LENGTH		mm	mm	mm	mm	mm			
							OIL1	DIA.		inch	inch	inch	inch	inch			
							OIL2	mm		inch	inch	inch	inch				
PAGE #		173	229						92.970	Tolerance is + / - (mm inch) :					0.01	0.00039	
11-800	6	93.000	58.00	30.40	-	0.50	1.20	58.00									
		3.661	2.283	1.197		0.020	0.047	2.283									
PISTON RING #		Total Clearance		11-800 Piston is 11-711 now.										100	93.9600		
		mm	inch											937	3.69921		
SWN30115		-0.03	-0.00118														
				T03										NONE		"Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.	
PAGE #		197	265						93.980	Tolerance is + / - (mm inch) :					0.01	0.00039	
11-801	8	94.000	60.30	33.90	-	6.80	1.50	62.00		RED:							
		3.701	2.374	1.335		0.268	0.059	2.441			93.9700	94.2200	94.4700	94.7200	94.9700		
PISTON RING #		Total Clearance							22.00								
		mm	inch			1.50	0.059	3.69961							3.70945	3.71929	3.72913
SWT10203		-0.03	-0.00118						0.157	0.866							
				Cir Clip						GREEN:	93.9900	94.2400	94.4900	94.7400	94.9900		
											3.70039	3.71024	3.72008	3.72992	3.73976		
									SURFACE TREATMENT		REMARKS:						
									Anodized Head		Measure for CYL 10.50 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 #		255						81.980	Tolerance is + / - (mm inch) :					0.01	0.00039		
11-802	4	82.000	57.70	31.30	+	1.40	1.20	56.58		RED:							
		3.228	2.272	1.232		0.055	0.047	2.228			81.9700	82.2200	82.4700	82.7200	82.9700		
PISTON RING #		Total Clearance							20.012								
		mm	inch			1.20	0.047	3.22717							3.23701	3.24685	3.25669
SWT10196		-0.03	-0.00118						0.118	0.788							
				Cir Clip						GREEN:	81.9900	82.2400	82.4900	82.7400	82.9900		
											3.22795	3.23780	3.24764	3.25748	3.26732		
									SURFACE TREATMENT		REMARKS:						
									NONE		Measure for CYL 25.00 mm from Bottom of Skirt.						
									T03		NONE						
PAGE #		21	215						86.480	Tolerance is + / - (mm inch) :					0.0045	0.00018	
11-804	4	86.500	53.50	30.50		1.20	62.00		YELLOW:								
		3.406	2.106	1.201		0.047	2.441			86.4850	86.7350	86.9850	87.2350	87.4850			
PISTON RING #		Total Clearance							22.000								
		mm	inch			1.50	0.059	3.40492							3.41476	3.42461	3.43445
SWM31116		-0.03	-0.00118						0.110	0.866							
				Cir Clip						WHITE:	86.4825	86.7325	86.9825	87.2325	87.4825		
											3.40482	3.41467	3.42451	3.43435	3.44419		
									SURFACE TREATMENT		REMARKS:						
									NONE		Measure for CYL 10.00 mm from Bottom of Skirt.						
									T03		NONE						
									</								

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



PISTON BUYER'S GUIDE

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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	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	- DIST. mm inch			2ND	mm	mm	mm	mm	mm	
									OIL1	inch	inch	inch	inch		
									OIL2	mm	mm	mm	mm		
PAGE #		81						90.170 Tolerance is + / - (mm inch) : 0.0045 0.00018							
11-809	8	90.200	52.10	30.75	-	3.50	1.50	YELLOW:	90.1805	90.4305	90.6805	90.9305	91.1805		
		3.551	2.051	1.211		0.138	0.059		3.55041	3.56026	3.57010	3.57994	3.58978		
PISTON RING #		Total Clearance						WHITE:	90.1725	90.4225	90.6725	90.9225	91.1725		
		mm inch							3.55010	3.55994	3.56978	3.57963	3.58947		
SWF30006		-0.04 -0.00157						BLUE:	90.1595	90.4095	90.6595	90.9095	91.1595		
									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		
								REMARKS:							
								Measure for CYL 6.00 mm from Bottom of Skirt.							
								Clearance: 0.236 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 #		81						90.180 Tolerance is + / - (mm inch) : 0.0045 0.00018							
11-810	8	90.200	52.00	31.00	-	1.75	1.50	YELLOW:	90.1905	90.4405	90.6905	90.9405	91.1905		
		3.551	2.047	1.220		0.069	0.059		3.55081	3.56065	3.57049	3.58033	3.59018		
PISTON RING #		Total Clearance						WHITE:	90.1825	90.4325	90.6825	90.9325	91.1825		
		mm inch							3.55049	3.56033	3.57018	3.58002	3.58986		
SWF30006		-0.04 -0.00157						BLUE:	90.1695	90.4195	90.6695	90.9195	91.1695		
									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		
								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 #		87						90.170 Tolerance is + / - (mm inch) : 0.0045 0.00018							
11-811	10	90.200	52.10	30.75	-	3.50	1.50	YELLOW:	90.1805	90.4305	90.6805	90.9305	91.1805		
		3.551	2.051	1.211		0.138	0.059		3.55041	3.56026	3.57010	3.57994	3.58978		
PISTON RING #		Total Clearance						WHITE:	90.1725	90.4225	90.6725	90.9225	91.1725		
		mm inch							3.55010	3.55994	3.56978	3.57963	3.58947		
SWF30013 10CYL		-0.04 -0.00157						BLUE:	90.1595	90.4095	90.6595	90.9095	91.1595		
									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		
								REMARKS:							
								Measure for CYL 6.00 mm from Bottom of Skirt.							
								Clearance: 0.236 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 #		23						87.470 Tolerance is + / - (mm inch) : 0.0035 0.00014							
11-814	4	87.500	66.30	30.20	+	11.50	1.50	YELLOW:	87.4630	87.7130	87.9630	88.2130	88.4630		
		3.445	2.610	1.189		0.453	0.059		3.44343	3.45327	3.46311	3.47295	3.48280		
PISTON RING #		Total Clearance						RED:	87.4765	87.7265	87.9765	88.2265	88.4765		
		mm inch							3.44396	3.45380	3.46364	3.47348	3.48333		
SWC10007		-0.03 -0.00118						BLUE:	87.4695	87.7195	87.9695	88.2195	88.4695		
									3.44368	3.45352	3.46337	3.47321	3.48305		
								REMARKS:							
								Measure for CYL 5.00 mm from Bottom of Skirt.							
								Clearance: 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)



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION									
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	2ND	mm inch			mm inch	mm inch	mm inch	mm inch				
						OIL1											
						OIL2											
PAGE #		33	217						91.100	Tolerance is + / - (mm inch) :					0.0025 0.00010		
11-817	6	91.100	64.20	30.20	-	1.30	1.20	64.00	YELLOW:	91.0775	91.3275	91.5775	91.8275	92.0775			
		3.587	2.528	1.189		0.051	0.047	2.520		3.58573	3.59557	3.60541	3.61526	3.62510			
PISTON RING #		Total Clearance							RED:	91.0675	91.3175	91.5675	91.8175	92.0675			
		mm	inch							3.58533	3.59518	3.60502	3.61486	3.62470			
SWM31078		-0.03	-0.00118						BLUE:	91.0625	91.3125	91.5625	91.8125	92.0625			
										3.58514	3.59498	3.60482	3.61467	3.62451			
									GREEN:	91.0725	91.3225	91.5725	91.8225	92.0725			
										3.58553	3.59537	3.60522	3.61506	3.62490			
									REMARKS:								
									Measure for CYL		15.00 mm	from Bottom of					
									Clearance:		0.591 inch	Skirt.					
PAGE #		73	75						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	YELLOW:	90.1905	90.4405	90.6905	90.9405	91.1905			
		3.551	2.213	1.215		0.152	0.059	2.441		3.55081	3.56065	3.57049	3.58033	3.59018			
PISTON RING #		Total Clearance							WHITE:	90.1825	90.4325	90.6825	90.9325	91.1825			
		mm	inch							3.55049	3.56033	3.57018	3.58002	3.58986			
SWF30006		-0.04	-0.00157						BLUE:	90.1695	90.4195	90.6695	90.9195	91.1695			
										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			
									REMARKS:								
									Measure for CYL		11.00 mm	from Bottom of					
									Clearance:		0.433 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.								
PAGE #		45						99.290	Tolerance is + / - (mm inch) :					0.0045 0.00018			
11-821	8	99.310	86.40	43.80		1.98	1.98	76.00	YELLOW:	99.3005	99.5505	99.8005	100.0505	100.3005			
		3.910	3.402	1.724		0.078	0.078	2.992		3.90947	3.91931	3.92915	3.93900	3.94884			
PISTON RING #		Total Clearance							WHITE:	99.2925	99.5425	99.7925	100.0425	100.2925			
		mm	inch							3.90915	3.91900	3.92884	3.93868	3.94852			
SWC10019		-0.04	-0.00157						BLUE:	99.2795	99.5295	99.7795	100.0295	100.2795			
										3.90864	3.91848	3.92833	3.93817	3.94801			
									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					
									Clearance:		0.551 inch	Skirt.					
PAGE #		59						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	YELLOW:	84.8205	85.0705	85.3205	85.5705	85.8205			
		3.341	1.854	1.461		0.185	0.059	2.492		3.33939	3.34923	3.35907	3.36892	3.37876			
PISTON RING #		Total Clearance							WHITE:	84.8125	85.0625	85.3125	85.5625	85.8125			
		mm	inch							3.33907	3.34892	3.35876	3.36860	3.37844			
SWF30005		-0.04	-0.00157						BLUE:	84.7995	85.0495	85.2995	85.5495	85.7995			
										3.33856	3.34841	3.35825	3.36809	3.37793			
									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					
									Clearance:		0.276 inch	Skirt.					

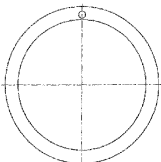
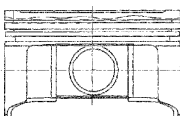
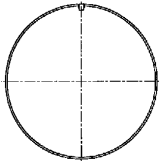
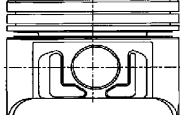
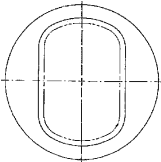
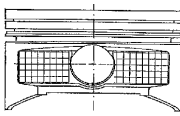
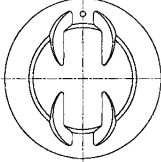
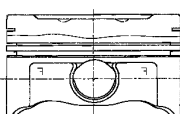
PISTON BUYER'S GUIDE

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



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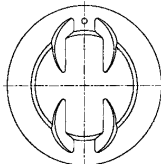
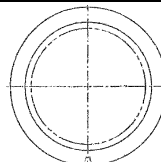
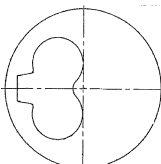
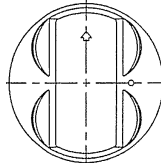
NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE mm inch	LENGTH mm inch	COMP. mm inch	+ - -	DIST. mm inch	2ND			mm	mm	mm	mm	mm	
							OIL1			inch	inch	inch	inch		
							OIL2			mm	mm	mm	mm		
PAGE #		141					101.560 Tolerance is + / - (mm inch) : 0.0045 0.00018								
11-823	8	101.600	60.60	33.80	~	1.10	1.50	70.00	YELLOW:	101.5705	101.8205	102.0705	102.3205	102.5705	
		4.000	2.386	1.331		0.043	0.059	2.756		3.99884	4.00868	4.01852	4.02837	4.03821	
		PISTON RING #		Total Clearance			1.50			WHITE:	101.5625	101.8125	102.0625	102.3125	102.5625
		mm	inch	0.059	3.99852		4.00837		4.01821		4.02805	4.03789			
SWI10197		-0.04	-0.00157	3.00	24.00		101.5495		101.7995		102.0495	102.2995	102.5495		
						0.118	0.945		BLUE:	3.99801	4.00785	4.01770	4.02754	4.03738	
									GREEN:	101.5575	101.8075	102.0575	102.3075	102.5575	
									3.99833	4.00817	4.01801	4.02785	4.03770		
 								Cir Clip		REMARKS: Measure for CYL 21.00 mm from Bottom of Skirt. Clearance: 0.827 inch					
								NONE	SURFACE TREATMENT						
								NONE							
								J05	Moly Skirt						
PAGE #		67					88.960 Tolerance is + / - (mm inch) : 0.0045 0.00018								
11-825	6	89.000	66.30	38.50			1.50	70.00	YELLOW:	88.9705	89.2205	89.4705	89.7205	89.9705	
		3.504	2.610	1.516			0.059	2.756		3.50278	3.51262	3.52246	3.53230	3.54215	
		PISTON RING #		Total Clearance				1.50			WHITE:	88.9625	89.2125	89.4625	89.7125
		mm	inch	0.059	3.50246	3.51230		3.52215	3.53199			3.54183			
SWI10155 SWT20075		-0.04	-0.00157	4.00	23.17	88.9495		89.1995	89.4495			89.6995	89.9495		
						0.157	0.912		BLUE:	3.50195	3.51179	3.52163	3.53148	3.54132	
									GREEN:	88.9575	89.2075	89.4575	89.7075	89.9575	
									3.50226	3.51211	3.52195	3.53179	3.54163		
 								Cir Clip		REMARKS: Measure for CYL 8.00 mm from Bottom of Skirt. Clearance: 0.315 inch					
								NONE	SURFACE TREATMENT						
								NONE							
								J05	NONE						
PAGE #		73					96.830 Tolerance is + / - (mm inch) : 0.0025 0.00010								
11-826	6	96.800	59.10	31.80	~	3.60	1.50	63.30	YELLOW:	96.8075	97.0575	97.3075	97.5575	97.8075	
		3.811	2.327	1.252		0.142	0.059	2.492		3.81132	3.82116	3.83100	3.84085	3.85069	
		PISTON RING #		Total Clearance			1.50			RED:	96.7975	97.0475	97.2975	97.5475	97.7975
		mm	inch	0.059	3.81093		3.82077		3.83061		3.84045	3.85030			
SWF30004		-0.04	-0.00157	3.00	23.00		96.7925		97.0425		97.2925	97.5425	97.7925		
						0.118	0.906		BLUE:	3.81073	3.82057	3.83041	3.84026	3.85010	
									GREEN:	96.8025	97.0525	97.3025	97.5525	97.8025	
									3.81112	3.82096	3.83081	3.84065	3.85049		
 								Cir Clip		REMARKS: Measure for CYL 11.50 mm from Bottom of Skirt. Clearance: 0.453 inch					
								NONE	SURFACE TREATMENT						
								NONE							
								C17	Moly Skirt						
PAGE #		121 123					101.580 Tolerance is + / - (mm inch) : 0.0045 0.00018								
11-827	6	101.600	66.00	39.40	-	2.60	1.50	69.70	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	4.03900	
		PISTON RING #		Total Clearance			1.50			WHITE:	101.5825	101.8325	102.0825	102.3325	102.5825
		mm	inch	0.059	3.99931		4.00915		4.01900		4.02884	4.03868			
SWI10196		-0.04	-0.00157	3.00	23.56		101.5695		101.8195		102.0695	102.3195	102.5695		
						0.118	0.928		BLUE:	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		REMARKS: Measure for CYL 12.00 mm from Bottom of Skirt. Clearance: 0.472 inch					
								NONE	SURFACE TREATMENT						
								NONE							
								J05	NONE						

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



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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
						OIL2	mm						
PAGE #		141						101.580	Tolerance is + / - (mm inch) : 0.0045 0.00018				
11-828	8	101.600	66.00	39.40	2.60	1.50	69.70	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	4.03900
		PISTON RING #		Total Clearance			1.50			101.5825	101.8325	102.0825	102.3325
		mm inch			0.059			WHITE:	3.99931	4.00915	4.01900	4.02884	4.03868
SWI10197		-0.04 -0.00157			3.00	23.56		BLUE:	101.5695	101.8195	102.0695	102.3195	102.5695
					0.118	0.928		GREEN:	3.99880	4.00864	4.01848	4.02833	4.03817
				Cir Clip			REMARKS:	Measure for CYL 12.00 mm from Bottom of Skirt. Clearance: 0.472 inch					
				NONE	SURFACE TREATMENT								
					NONE								
				J05	NONE								
PAGE #		133 181						96.000	Tolerance is + / - (mm inch) : 0.0025 0.00010				
11-829	8	96.000	64.80	33.70	1.70	1.50	72.00	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	3.81801
		PISTON RING #		Total Clearance			1.50			RED:	95.9675	96.2175	96.4675
		mm inch			0.059			3.77825	3.78809	3.79793	3.80778	3.81762	
SWG10005		-0.04 -0.00157			3.00	24.00		BLUE:	95.9625	96.2125	96.4625	96.7125	96.9625
					0.118	0.945		GREEN:	3.77805	3.78789	3.79774	3.80758	3.81742
				Cir Clip			REMARKS:	Measure for CYL 16.00 mm from Bottom of Skirt. Clearance: 0.630 inch					
				NONE	SURFACE TREATMENT								
					NONE								
				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 #		145 147						102.981	Tolerance is + / - (mm inch) : 0.0025 0.00010				
11-830	8	103.000	91.80	53.50	3.70	3.00	70.00	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	4.09285
		PISTON RING #		Total Clearance			2.00			RED:	102.9485	103.1985	103.4485
		mm inch			0.079			4.05309	4.06293	4.07278	4.08262	4.09246	
SDG10024		-0.1016 -0.00400			4.00	31.00		BLUE:	102.9435	103.1935	103.4435	103.6935	103.9435
					0.157	1.220		GREEN:	4.05289	4.06274	4.07258	4.08242	4.09226
				Cir Clip			REMARKS:	Measure for CYL 17.00 mm from Bottom of Skirt. Clearance: 0.669 inch					
					SURFACE TREATMENT								
					Anodized Head								
				C17	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 #		165						85.970	Tolerance is + / - (mm inch) : 0.01 0.00039				
11-832	6	86.000	52.20	30.00	0.70	1.20	54.00	RED:					
		3.386	2.055	1.181	0.028	0.047	2.126		85.9600	86.2100	86.4600	86.7100	86.9600
		PISTON RING #		Total Clearance			1.20			3.38425	3.39409	3.40394	3.41378
		mm inch			0.047								
SWH30432		-0.03 -0.00118			2.80	21.97		GREEN:	85.9800	86.2300	86.4800	86.7300	86.9800
					0.110	0.865		3.38504	3.39488	3.40472	3.41457	3.42441	
				Cir Clip			REMARKS:	Measure for CYL 7.00 mm from Bottom of Skirt. Clearance: 0.276 inch					
					SURFACE TREATMENT								
					NONE								
				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.						

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



RED = NEW INFORMATION

PISTON BUYER'S GUIDE

PISTON BUYER'S GUIDE

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



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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	+ - mm inch	DIST. mm inch	2ND	LENGTH		mm	mm	mm	mm	mm
							OIL1	DIA.		inch	inch	inch	inch	inch
							OIL2	mm						
PAGE #		167					75.500 Tolerance is + / - (mm inch) : 0.0025 0.00010							
11-837	4	75.500	53.70	30.70	-	0.20	1.50	47.50	YELLOW:	75.4775	75.7275	75.9775	76.2275	76.4775
		2.972	2.114	1.209		0.008	0.059	1.870		2.97156	2.98140	2.99124	3.00108	3.01093
PISTON RING #		Total Clearance						1.50		75.4675	75.7175	75.9675	76.2175	76.4675
		mm inch						0.059		2.97116	2.98100	2.99085	3.00069	3.01053
SWG30017		-0.03 -0.00118						3.00		75.4625	75.7125	75.9625	76.2125	76.4625
								0.118		2.97096	2.98081	2.99065	3.00049	3.01033
						Cir Clip		REMARKS: Measure for CYL Clearance: 10.00 mm 0.394 inch from Bottom of Skirt.						
						NONE	SURFACE TREATMENT							
							NONE							
						C17	NONE							
PAGE #		167 185					82.000 Tolerance is + / - (mm inch) : 0.0025 0.00010							
11-838	4	82.000	57.80	31.00	+	0.30	1.20	59.00	YELLOW:	81.9775	82.2275	82.4775	82.7275	82.9775
		3.228	2.276	1.220		0.012	0.047	2.323		3.22746	3.23730	3.24715	3.25699	3.26683
PISTON RING #		Total Clearance						1.20		81.9675	82.2175	82.4675	82.7175	82.9675
		mm inch						0.047		3.22707	3.23691	3.24675	3.25659	3.26644
SWG30028		-0.03 -0.00118						2.50		81.9625	82.2125	82.4625	82.7125	82.9625
								0.098		3.22687	3.23671	3.24656	3.25640	3.26624
						Cir Clip		REMARKS: Measure for CYL Clearance: 10.00 mm 0.394 inch from Bottom of Skirt.						
						NONE	SURFACE TREATMENT							
							NONE							
						C17	NONE							
PAGE #		177					86.000 Tolerance is + / - (mm inch) : 0.0025 0.00010							
11-840	4	86.000	53.70	27.60	+	1.20	1.20	61.00	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775
		3.386	2.114	1.087		0.047	0.047	2.402		3.38494	3.39478	3.40463	3.41447	3.42431
PISTON RING #		Total Clearance						1.50		85.9675	86.2175	86.4675	86.7175	86.9675
		mm inch						0.059		3.38455	3.39439	3.40423	3.41407	3.42392
SW10206		-0.03 -0.00118						2.50		85.9625	86.2125	86.4625	86.7125	86.9625
								0.098		3.38435	3.39419	3.40404	3.41388	3.42372
						Cir Clip		REMARKS: Measure for CYL Clearance: 15.00 mm 0.591 inch from Bottom of Skirt.						
						NONE	SURFACE TREATMENT							
							NONE							
						C17	NONE							
PAGE #		185					81.000 Tolerance is + / - (mm inch) : 0.0025 0.00010							
11-841	4	81.000	50.30	30.20	-	2.60	1.20	58.00	YELLOW:	80.9775	81.2275	81.4775	81.7275	81.9775
		3.189	1.980	1.189		0.102	0.047	2.283		3.18809	3.19793	3.20778	3.21762	3.22746
PISTON RING #		Total Clearance						1.20		80.9675	81.2175	81.4675	81.7175	81.9675
		mm inch						0.047		3.18770	3.19754	3.20738	3.21722	3.22707
SWG30040		-0.03 -0.00118						2.50		80.9625	81.2125	81.4625	81.7125	81.9625
								0.098		3.18750	3.19734	3.20719	3.21703	3.22687
						Cir Clip		REMARKS: Measure for CYL Clearance: 10.00 mm 0.394 inch from Bottom of Skirt.						
							SURFACE TREATMENT							
							NONE							
						C17	NONE							

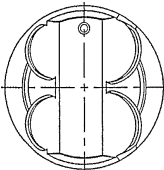
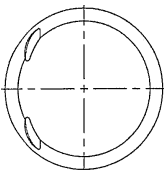
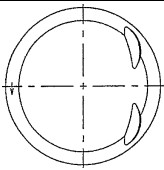
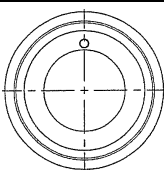
PISTON BUYER'S GUIDE

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



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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		
							OIL2	mm		inch	inch	inch	inch	inch		
PAGE #		201						83.000 Tolerance is + / - (mm inch) : 0.0025 0.00010								
11-842	4	83.000	64.00	30.70	+	3.00	1.50	57.00	YELLOW:	82.9775	83.2275	83.4775	83.7275	83.9775		
		3.268	2.520	1.209		0.118	0.059	2.244		3.26683	3.27667	3.28652	3.29636	3.30620		
PISTON RING #		Total Clearance						1.50	20.00 0.787	RED:	82.9675	83.2175	83.4675	83.7175	83.9675	
		mm		inch				0.059			3.26644	3.27628	3.28612	3.29596	3.30581	
SWT20066		-0.03		-0.00118				3.00			BLUE:	82.9625	83.2125	83.4625	83.7125	83.9625
								0.118				3.26624	3.27608	3.28593	3.29577	3.30561
						Cir Clip			16	SURFACE TREATMENT	REMARKS:	Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch				
																NONE
																NONE
																NONE
PAGE #		203						87.470 Tolerance is + / - (mm inch) : 0.0045 0.00018								
11-843	4	87.500	51.00	28.50	-	4.00	1.20	61.50	YELLOW:	87.4805	87.7305	87.9805	88.2305	88.4805		
		3.445	2.008	1.122		0.157	0.047	2.421		3.44411	3.45396	3.46380	3.47364	3.48348		
PISTON RING #		Total Clearance						1.20	21.00 0.827	WHITE:	87.4725	87.7225	87.9725	88.2225	88.4725	
		mm		inch				0.047			3.44380	3.45364	3.46348	3.47333	3.48317	
SWT20090		-0.03		-0.00118				2.50			BLUE:	87.4595	87.7095	87.9595	88.2095	88.4595
								0.098				3.44329	3.45313	3.46297	3.47281	3.48266
						Cir Clip			NONE	SURFACE TREATMENT	REMARKS:	Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch				
																Anodized Head
																Moly Skirt
PAGE #		203						87.480 Tolerance is + / - (mm inch) : 0.0045 0.00018								
11-844	4	87.500	51.00	28.50	-	3.30	1.20	61.50	YELLOW:	87.4905	87.7405	87.9905	88.2405	88.4905		
		3.445	2.008	1.122		0.130	0.047	2.421		3.44451	3.45435	3.46419	3.47404	3.48388		
PISTON RING #		Total Clearance						1.20	21.00 0.827	WHITE:	87.4825	87.7325	87.9825	88.2325	88.4825	
		mm		inch				0.047			3.44419	3.45404	3.46388	3.47372	3.48356	
SWT20090		-0.03		-0.00118				2.50			BLUE:	87.4695	87.7195	87.9695	88.2195	88.4695
								0.098				3.44368	3.45352	3.46337	3.47321	3.48305
						Cir Clip			NONE	SURFACE TREATMENT	REMARKS:	Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch				
																NONE
																NONE
																NONE
PAGE #		217						93.000 Tolerance is + / - (mm inch) : 0.0025 0.00010								
11-847	6	93.000	64.20	30.20	-	4.70	1.50	64.00	YELLOW:	92.9775	93.2275	93.4775	93.7275	93.9775		
		3.661	2.528	1.189		0.185	0.059	2.520		3.66053	3.67037	3.68022	3.69006	3.69990		
PISTON RING #		Total Clearance						1.50	22.00 0.866	RED:	92.9675	93.2175	93.4675	93.7175	93.9675	
		mm		inch				0.059			3.66014	3.66998	3.67982	3.68967	3.69951	
SWM31121		-0.03		-0.00118				3.00			BLUE:	92.9625	93.2125	93.4625	93.7125	93.9625
								0.118				3.65994	3.66978	3.67963	3.68947	3.69931
						Cir Clip			16	SURFACE TREATMENT	REMARKS:	Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch				
																Anodized Head
																NONE
																NONE
PAGE #		217						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.								

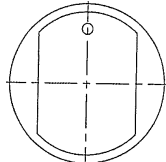
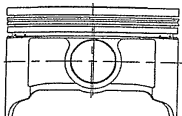
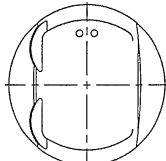
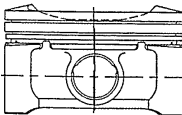
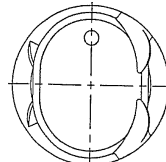
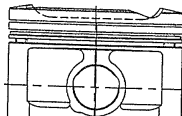
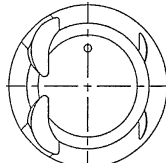
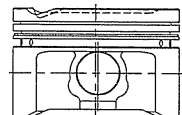
PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION									
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)					
		BORE	LENGTH	COMP.	+	DIST.	2ND			mm	mm	mm	mm	mm					
		mm inch	mm inch	mm inch	-	mm inch	OIL1 OIL2			inch	inch	inch	inch	inch					
PAGE #		219								94.970 Tolerance is + / - (mm inch) : 0.01 0.00039									
11-848	6	95.000	56.80	29.10	+	0.20	1.20	58.00	RED:										
		3.740	2.236	1.146		0.008	0.047	2.283											
		PISTON RING #		Total Clearance			1.20												
				mm	inch		0.047			94.9600	95.2100	95.4600	95.7100	95.9600					
		SWM31148		-0.03	-0.00118		2.00	22.00			3.73858	3.74843	3.75827	3.76811	3.77795				
							0.079	0.866											
 						Cir Clip		REMARKS: Measure for CYL 12.00 mm from Bottom of Skirt. Clearance: 0.472 inch	GREEN:	94.9800	95.2300	95.4800	95.7300	95.9800					
							SURFACE TREATMENT				3.73937	3.74921	3.75906	3.76890	3.77874				
						T03	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.								
PAGE #		223								83.970 Tolerance is + / - (mm inch) : 0.01 0.00039									
11-849	4	84.000	52.80	31.20	+	3.20	1.20	53.00	RED:										
		3.307	2.079	1.228		0.126	0.047	2.087											
		PISTON RING #		Total Clearance			1.20												
				mm	inch		0.047			83.9600	84.2100	84.4600	84.7100	84.9600					
		SWN30154		-0.03	-0.00118		2.00	19.99			3.30551	3.31535	3.32520	3.33504	3.34488				
							0.079	0.787											
 						Cir Clip		REMARKS: Measure for CYL 5.50 mm from Bottom of Skirt. Clearance: 0.217 inch	GREEN:	83.9800	84.2300	84.4800	84.7300	84.9800					
							SURFACE TREATMENT				3.30630	3.31614	3.32598	3.33583	3.34567				
						J05	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.								
PAGE #		257								86.000 Tolerance is + / - (mm inch) : 0.0025 0.00010									
11-850	4	86.000	60.80	40.80	-	5.80	1.20	56.00	YELLOW:										
		3.386	2.394	1.606		0.228	0.047	2.205											
		PISTON RING #		Total Clearance			1.20												
				mm	inch		0.085	0.047		85.9775	86.2275	86.4775	86.7275	86.9775					
		SWT10186		-0.03	-0.00118		2.00	22.00			3.38494	3.39478	3.40463	3.41447	3.42431				
							0.079	0.866											
 						Cir Clip		REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch	RED:	85.9675	86.2175	86.4675	86.7175	86.9675					
							SURFACE TREATMENT				3.38455	3.39439	3.40423	3.41407	3.42392				
						C17	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 #		193 263								85.970 Tolerance is + / - (mm inch) : 0.01 0.00039									
11-851	6	86.000	59.00	34.00	-	2.30	1.50	66.00	RED:										
		3.386	2.323	1.339		0.091	0.059	2.598											
		PISTON RING #		Total Clearance			1.50												
				mm	inch		0.059			85.9600	86.2100	86.4600	86.7100	86.9600					
		SWT10134		-0.03	-0.00118		4.00	22.00			3.38425	3.39409	3.40394	3.41378	3.42362				
							0.157	0.866											
 						Cir Clip		REMARKS: Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch	GREEN:	85.9800	86.2300	86.4800	86.7300	86.9800					
							SURFACE TREATMENT				3.38504	3.39488	3.40472	3.41457	3.42441				
						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.								

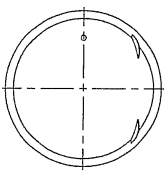
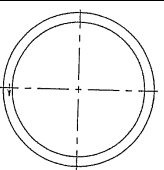
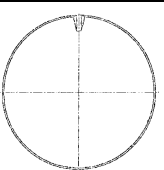
PISTON BUYER'S GUIDE

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



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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	
		inch	inch	mm	inch	mm	inch		OIL1	DIA.	inch	inch	inch	inch	inch
		PAGE #	227							88.980	Tolerance is + / - (mm inch) :			0.0045	0.00018
11-852	4	89.000	54.80	32.00		4.00	1.20	57.00	YELLOW:	88.9905	89.2405	89.4905	89.7405	89.9905	
		3.504	2.157	1.260	-	0.157	0.047	2.244		3.50356	3.51341	3.52325	3.53309	3.54293	
PISTON RING #		Total Clearance						1.20	WHITE:	88.9825	89.2325	89.4825	89.7325	89.9825	
		mm inch						0.047		3.50325	3.51309	3.52293	3.53278	3.54262	
SWN30143		-0.03 -0.00118						2.50	BLUE:	88.9695	89.2195	89.4695	89.7195	89.9695	
								0.098		3.50274	3.51258	3.52242	3.53226	3.54211	
						Cir Clip			GREEN:	88.9775	89.2275	89.4775	89.7275	89.9775	
										3.50305	3.51289	3.52274	3.53258	3.54242	
										REMARKS:					
								Measure for CYL		19.00 mm	from Bottom of Skirt.				
								Clearance:		0.748 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.															
										90.180	Tolerance is + / - (mm inch) :			0.0045	0.00018
11-853	8	90.200	52.00	30.70			1.50	62.00	YELLOW:	90.1905	90.4405	90.6905	90.9405	91.1905	
		3.551	2.047	1.209			0.059	2.441		3.55081	3.56065	3.57049	3.58033	3.59018	
PISTON RING #		Total Clearance						1.50	WHITE:	90.1825	90.4325	90.6825	90.9325	91.1825	
		mm inch						0.059		3.55049	3.56033	3.57018	3.58002	3.58986	
SWF30006		-0.04 -0.00157						3.00	BLUE:	90.1695	90.4195	90.6695	90.9195	91.1695	
								0.118		3.54998	3.55982	3.56967	3.57951	3.58935	
						Cir Clip			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		13.00 mm	from Bottom of Skirt.				
								Clearance:		0.512 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.															
										87.480	Tolerance is + / - (mm inch) :			0.0045	0.00018
11-854	8	87.500	51.00	28.50		2.00	1.20	61.50	YELLOW:	87.4905	87.7405	87.9905	88.2405	88.4905	
		3.445	2.008	1.122	-	0.079	0.047	2.421		3.44451	3.45435	3.46419	3.47404	3.48388	
PISTON RING #		Total Clearance						1.20	WHITE:	87.4825	87.7325	87.9825	88.2325	88.4825	
		mm inch						0.047		3.44419	3.45404	3.46388	3.47372	3.48356	
SWT20090		-0.03 -0.00118						2.50	BLUE:	87.4695	87.7195	87.9695	88.2195	88.4695	
								0.098		3.44368	3.45352	3.46337	3.47321	3.48305	
						Cir Clip			GREEN:	87.4775	87.7275	87.9775	88.2275	88.4775	
										3.44400	3.45384	3.46368	3.47352	3.48337	
										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.															
										99.290	Tolerance is + / - (mm inch) :			0.0045	0.00018
11-855	6	99.300	86.40	43.80			1.98	76.00	YELLOW:	99.3005	99.5505	99.8005	100.0505	100.3005	
		3.909	3.402	1.724			0.078	2.992		3.90947	3.91931	3.92915	3.93900	3.94884	
PISTON RING #		Total Clearance						1.98	WHITE:	99.2925	99.5425	99.7925	100.0425	100.2925	
		mm inch						0.078		3.90915	3.91900	3.92884	3.93868	3.94852	
SWC10018		-0.04 -0.00157						4.76	BLUE:	99.2795	99.5295	99.7795	100.0295	100.2795	
								0.187		3.90864	3.91848	3.92833	3.93817	3.94801	
						Cir Clip			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					
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	SURFACE TREATMENT				
										NONE					
										J05	NONE				

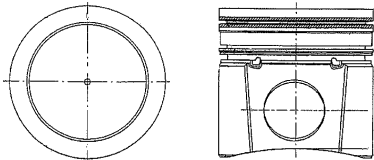
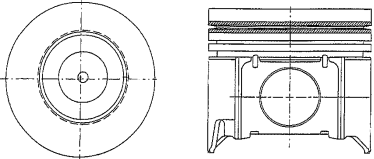
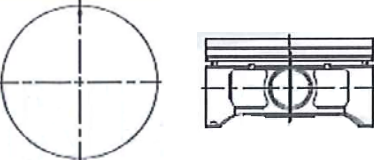
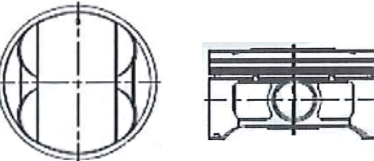
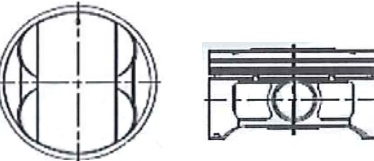
PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	+	DIST.			2ND	mm	mm	mm	mm	mm
		inch	inch	inch	-	inch			OIL1	inch	inch	inch	inch	inch
		PAGE #	51	85				102.000	Tolerance is + / - (mm inch) :	0.0025	0.00010			
11-856	6	102.000	105.20	71.40	~	12.50	3.00K	83.00	YELLOW:	101.9775	102.2275	102.4775	102.7275	102.9775
		4.016	4.142	2.811		0.492	0.118K	3.268		4.01486	4.02470	4.03455	4.04439	4.05423
PISTON RING #		Total Clearance					2.35		RED:	101.9675	102.2175	102.4675	102.7175	102.9675
		mm		inch			0.093			4.01447	4.02431	4.03415	4.04400	4.05384
SDC10022		-0.1016		-0.00400			4.00	40.00	BLUE:	101.9625	102.2125	102.4625	102.7125	102.9625
							0.157	1.575		4.01427	4.02411	4.03396	4.04380	4.05364
		Cir Clip				SURFACE TREATMENT		REMARKS:	Measure for CYL 20.00 mm from Bottom of Skirt. Clearance: 0.787 inch					
						NONE								
						C17 NONE								
PAGE #		85						95.000	Tolerance is + / - (mm inch) :	0.0025	0.00010			
11-857	8	95.000	85.80	52.04	~	6.60	2.25	65.00	YELLOW:	94.9775	95.2275	95.4775	95.7275	95.9775
		3.740	3.378	2.049		0.260	0.089	2.559		3.73927	3.74911	3.75896	3.76880	3.77864
PISTON RING #		Total Clearance				16.40	2.00		RED:	94.9675	95.2175	95.4675	95.7175	95.9675
		mm		inch		0.646	0.079			3.73888	3.74872	3.75856	3.76841	3.77825
NA		-0.1016		-0.00400			3.50	34.00	BLUE:	94.9625	95.2125	95.4625	95.7125	95.9625
							0.138	1.339		3.73868	3.74852	3.75837	3.76821	3.77805
		Cir Clip				SURFACE TREATMENT		REMARKS:	Measure for CYL 15.00 mm from Bottom of Skirt. Clearance: 0.591 inch					
						NONE								
						C17 Moly Skirt								
PAGE #		173						95.500	Tolerance is + / - (mm inch) :	0.0025	0.00010			
11-859	6	95.500	52.60	29.60		1.20		58.00	YELLOW:	95.4775	95.7275	95.9775	96.2275	96.4775
		3.760	2.071	1.165		0.047	2.283	3.75896		3.76880	3.77864	3.78848	3.79833	
PISTON RING #		Total Clearance				1.20			RED:	95.4675	95.7175	95.9675	96.2175	96.4675
		mm		inch		0.047				3.75856	3.76841	3.77825	3.78809	3.79793
SWN30131		-0.03		-0.00118			2.50	22.00	BLUE:	95.4625	95.7125	95.9625	96.2125	96.4625
							0.098	0.866		3.75837	3.76821	3.77805	3.78789	3.79774
		Cir Clip				SURFACE TREATMENT		REMARKS:	Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch					
						Anodized Head								
						C17 Moly Skirt								
PAGE #		173		231				95.440	Tolerance is + / - (mm inch) :	0.0045	0.00018			
11-860	6	95.500	53.90	29.50	+	0.80	1.20	58.00	YELLOW:	95.4450	95.6950	95.9450	96.1950	96.4450
		3.760	2.122	1.161		0.047	2.283	3.75768		3.76752	3.77736	3.78720	3.79705	
PISTON RING #		Total Clearance					1.20		WHITE:	95.4425	95.6925	95.9425	96.1925	96.4425
		mm		inch			0.047			3.75758	3.76742	3.77726	3.78711	3.79695
SWN30131		-0.03		-0.00118			2.50	22.00	BLUE:	95.4350	95.6850	95.9350	96.1850	96.4350
							0.098	0.866		3.75728	3.76713	3.77697	3.78681	3.79665
		Cir Clip				SURFACE TREATMENT		REMARKS:	Measure for CYL 6.00 mm from Bottom of Skirt. Clearance: 0.236 inch					
						Anodized Head								
						J05 Moly Skirt								
PAGE #		173		231				95.430	Tolerance is + / - (mm inch) :	0.0045	0.00018			
11-860	6	95.500	53.90	29.50	+	0.80	1.20	58.00	YELLOW:	95.4450	95.6950	95.9450	96.1950	96.4450
		3.760	2.122	1.161		0.047	2.283	3.75768		3.76752	3.77736	3.78720	3.79705	
PISTON RING #		Total Clearance					1.20		WHITE:	95.4425	95.6925	95.9425	96.1925	96.4425
		mm		inch			0.047			3.75758	3.76742	3.77726	3.78711	3.79695
SWN30131		-0.03		-0.00118			2.50	22.00	BLUE:	95.4350	95.6850	95.9350	96.1850	96.4350
							0.098	0.866		3.75728	3.76713	3.77697	3.78681	3.79665
		Cir Clip				SURFACE TREATMENT		REMARKS:	Measure for CYL 6.00 mm from Bottom of Skirt. Clearance: 0.236 inch					
						Anodized Head								
						J05 Moly Skirt								

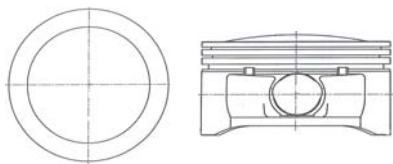
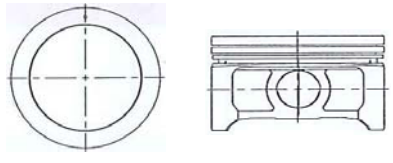
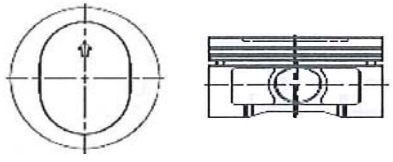
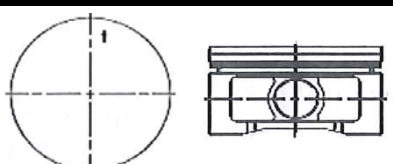
PISTON BUYER'S GUIDE

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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 #		47													
11-861	8	99.500	59.00	31.00	+	4.00	1.50	71.00	YELLOW:	99.5405	99.7905	100.0405	100.2905	100.5405	
		3.917	2.323	1.220			0.059	2.795		3.91892	3.92876	3.93860	3.94844	3.95829	
PISTON RING #		Total Clearance						1.50	WHITE:	99.5325	99.7825	100.0325	100.2825	100.5325	
		mm		inch				0.059		3.91860	3.92844	3.93829	3.94813	3.95797	
SWC10016		-0.04		-0.00157				3.00	BLUE:	99.5195	99.7695	100.0195	100.2695	100.5195	
								0.118		0.945	3.91809	3.92793	3.93778	3.94762	3.95746
						Cir Clip		REMARKS:	Measure for CYL 5.00 mm from Bottom of Skirt. Clearance: 0.197 inch						
						NONE	SURFACE TREATMENT								
						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 #		169		187											
11-862	6	86.700	54.00	30.40	-	0.80	1.20	60.00	YELLOW:	86.6905	86.9405	87.1905	87.4405	87.6905	
		3.413	2.126	1.197			0.047	2.362		3.41301	3.42285	3.43270	3.44254	3.45238	
PISTON RING #		Total Clearance						1.20	WHITE:	86.6825	86.9325	87.1825	87.4325	87.6825	
		mm		inch				0.047		3.41270	3.42254	3.43238	3.44222	3.45207	
SWG30037		-0.03		-0.00118				2.50	BLUE:	86.6695	86.9195	87.1695	87.4195	87.6695	
								0.098		0.827	3.41219	3.42203	3.43187	3.44171	3.45156
						Cir Clip		REMARKS:	Measure for CYL 6.00 mm from Bottom of Skirt. Clearance: 0.236 inch						
						NONE	SURFACE TREATMENT								
						J05	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 #		35													
11-863	6	93.000	53.60	31.70	-	2.30	1.50	67.50	RED:						
		3.661	2.110	1.248			0.059	2.657		92.9600	93.2100	93.4600	93.7100	93.9600	
PISTON RING #		Total Clearance						1.50	GREEN:						
		mm		inch				0.059		92.95984	93.69699	93.67953	93.68937	93.69921	
SWC10002		-0.04		-0.00157				3.00	REMARKS:						
								0.118		0.901	92.9800	93.2300	93.4800	93.7300	93.9800
						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.	Measure for CYL 7.00 mm from Bottom of Skirt. Clearance: 0.276 inch						
						NONE	SURFACE TREATMENT								
						T03	Moly Skirt								
PAGE #		41		271											
11-864	6	96.000	54.10	32.30	-	2.30	1.20	71.50	RED:						
		3.780	2.130	1.272			0.091	2.815		95.9600	96.2100	96.4600	96.7100	96.9600	
PISTON RING #		Total Clearance						1.50	GREEN:						
		mm		inch				0.059		95.97795	96.78780	96.79764	96.80748	96.81732	
SWC10015		-0.04		-0.00157				3.00	REMARKS:						
								0.118		0.901	95.9800	96.2300	96.4800	96.7300	96.9800
						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.	Measure for CYL 6.50 mm from Bottom of Skirt. Clearance: 0.256 inch						
						NONE	SURFACE TREATMENT								
						T03	Moly Skirt								

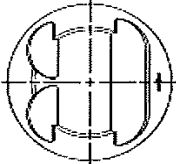
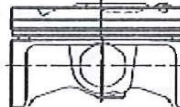
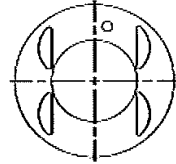
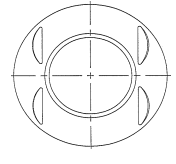
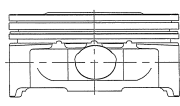
PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION					
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	2ND			mm inch MID	mm inch MID	mm inch MID	mm inch MID	mm inch MID	
					-		OIL1 OIL2								
PAGE # 59										84.780	Tolerance is + / - (mm inch) : 0.01 0.00039				
11-865	4	84.800	54.20	29.40	+	0.80	1.50	59.00	RED:						
		3.339	2.134	1.157		0.031	0.059	2.323							
PISTON RING #		Total Clearance						1.75							
		mm		inch				0.069							
SWF30005		-0.03		-0.00118				3.00	20.00						
								0.118	0.787						
						Cir Clip			REMARKS: Measure for CYL 11.00 mm from Bottom of Skirt. Clearance: 0.433 inch						
						NONE		SURFACE TREATMENT							
						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 # 3 163										85.970	Tolerance is + / - (mm inch) : 0.003 0.00012				
11-866	4	86.000	54.00	29.50	+	2.50	1.20	52.20	YELLOW:	85.9630	86.2130	86.4630	86.7130	86.9630	
		3.386	2.126	1.161		0.098	0.047	2.055		3.38437	3.39421	3.40406	3.41390	3.42374	
PISTON RING #		Total Clearance						2.40	1.20						
		mm		inch				0.094	0.047						
SWH30454		-0.03		-0.00118				2.00	21.97						
								0.079	0.865						
						Cir Clip			REMARKS: Measure for CYL 5.00 mm from Bottom of Skirt. Clearance: 0.197 inch						
								SURFACE TREATMENT							
						T01		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 # 193 263										97.170	Tolerance is + / - (mm inch) : 0.01 0.00039				
11-867	6	92.000	54.50	31.20	-	0.60	1.20	56.00	RED:						
		3.622	2.146	1.228		0.024	0.047	2.205							
PISTON RING #		Total Clearance						1.20							
		mm		inch				0.047							
SWT10228		-0.03		-0.00118				3.00	22.00						
								0.118	0.866						
						Cir Clip			REMARKS: Measure for CYL 9.40 mm from Bottom of Skirt. Clearance: 0.370 inch						
								SURFACE TREATMENT							
						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 # 205										88.970	Tolerance is + / - (mm inch) : 0.01 0.00039				
11-868	6	89.000	52.60	30.00	+	1.00	1.20	60.50	RED:						
		3.504	2.071	1.181		0.039	0.047	2.382							
PISTON RING #		Total Clearance						1.50							
		mm		inch				0.059							
SWF30021		-0.03		-0.00118				2.50	21.01						
								0.098	0.827						
						Cir Clip			REMARKS: Measure for CYL 7.00 mm from Bottom of Skirt. Clearance: 0.276 inch						
								SURFACE TREATMENT							
						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.					

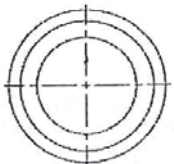
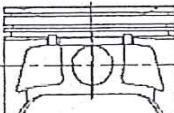
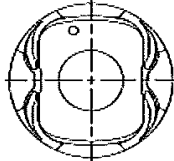
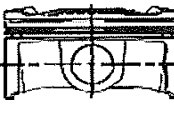
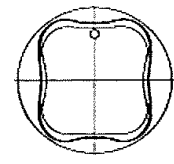
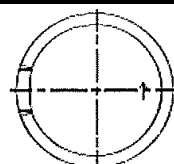
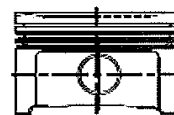
PISTON BUYER'S GUIDE

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



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RED = NEW INFORMATION

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	+	DIST.			2ND	mm	mm	mm	mm	mm
		mm	mm	mm		mm			OIL1	inch	inch	inch	inch	inch
		inch	inch	inch	-	inch			OIL2					
PAGE # 223								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	inch				0.047							
SWN30142		-0.03	-0.00118				2.50	19.00						
							0.098	0.748						
 						Cir Clip								
							SURFACE TREATMENT							
						Anodized Head								
						T03	NONE							
PAGE # 193 263								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	inch				0.047							
SDT10194		-0.03	-0.00118				2.00	22.00						
							0.079	0.866						
 						Cir Clip								
							SURFACE TREATMENT							
						Anodized Head								
						T03	Moly Skirt							
PAGE # 263								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	inch				0.047							
SWT10195		-0.03	-0.00118				2.00	22.00						
							0.079	0.866						
 						Cir Clip								
							SURFACE TREATMENT							
						Anodized Head								
						C17	Moly Skirt							
PAGE # 9 269								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	inch				0.069							
SWE50744		-0.03	-0.00118				2.00	19.00						
							0.079	0.748						
 						Cir Clip								
							SURFACE TREATMENT							
						Anodized Head								
						J05	Moly Skirt							

PISTON BUYER'S GUIDE

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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT							PISTON DIAMETER MEASURING POINT EXPLANATION						
NOA PISTON PART #	C Y L	PISTON INFORMATION				1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND			mm	mm	mm	mm	mm
		inch	inch	inch	inch	OIL1			inch	inch	inch	inch	inch
PAGE #		47											
11-873	8	99.500	58.70	30.70	+	4.00	1.50	YELLOW:	99.4805	99.7305	99.9805	100.2305	100.4805
		3.917	2.311	1.209		0.157	0.059		3.91656	3.92640	3.93624	3.94608	3.95593
PISTON RING #		Total Clearance				1.50		WHITE:	99.4725	99.7225	99.9725	100.2225	100.4725
		mm	inch			0.059			3.91624	3.92608	3.93593	3.94577	3.95561
SWC10016		-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
						Cir Clip		GREEN:	99.4675	99.7175	99.9675	100.2175	100.4675
									3.91604	3.92589	3.93573	3.94557	3.95541
						NONE	SURFACE TREATMENT		REMARKS:				
							Anodized Head		Measure for CYL 6.00 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.				
PAGE #		67											
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		3.50317	3.51301	3.52285	3.53270	3.54254
PISTON RING #		Total Clearance				1.50		WHITE:	88.9725	89.2225	89.4725	89.7225	89.9725
		mm	inch			0.059			3.50285	3.51270	3.52254	3.53238	3.54222
SWF30016		-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
						Cir Clip		GREEN:	88.9675	89.2175	89.4675	89.7175	89.9675
									3.50266	3.51250	3.52234	3.53219	3.54203
						NONE	SURFACE TREATMENT		REMARKS:				
							NONE		Measure for CYL 11.00 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.				
PAGE #		37											
11-875	6	96.000	62.20	38.20	-	0.60	1.20	RED:					
		3.780	2.449	1.504		0.024	0.047						
PISTON RING #		Total Clearance				1.50		GREEN:	95.9600	96.2100	96.4600	96.7100	96.9600
		mm	inch			0.059			3.77795	3.78780	3.79764	3.80748	3.81732
SWC10013		-0.03	-0.00118			3.00							
						0.118			95.9800	96.2300	96.4800	96.7300	96.9800
						Cir Clip			3.77874	3.78858	3.79843	3.80827	3.81811
						T03	SURFACE TREATMENT		REMARKS:				
							Anodized Head		Measure for CYL 9.00 mm from Bottom of Skirt.				
							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 #		223											
11-876	4	80.000	53.70	29.20	-	4.80	1.20	YELLOW:	79.9730	80.2230	80.4730	80.7230	80.9730
		3.150	2.114	1.150		0.189	0.047		3.14854	3.15839	3.16823	3.17807	3.18791
PISTON RING #		Total Clearance				1.20		RED:	79.9865	80.2365	80.4865	80.7365	80.9865
		mm	inch			0.047			3.14907	3.15892	3.16876	3.17860	3.18844
SWN30142		-0.03	-0.00118			2.50		BLUE:	79.9795	80.2295	80.4795	80.7295	80.9795
						0.098			3.14880	3.15864	3.16848	3.17833	3.18817
						Cir Clip			REMARKS:				
										Measure for CYL 10.00 mm from Bottom of Skirt.			
						T01	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.				
							Anodized Ring Land		Measure for CYL 10.00 mm from Bottom of Skirt.				
						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.					

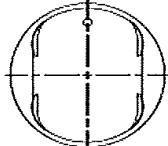
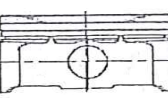
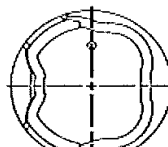
PISTON BUYER'S GUIDE

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NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	+	DIST.	2ND			mm	mm	mm	mm	mm	
		inch	inch	mm	inch	mm	inch			mm	inch	inch	inch	inch	
PAGE #		233													
11-878	6	95.500	55.10	31.60	-	3.00	1.20	58.00	YELLOW:	95.4630	95.7130	95.9630	96.2130	96.4630	
		3.760	2.169	1.244		0.118	0.047	2.283		3.75839	3.76823	3.77807	3.78791	3.79776	
PISTON RING #		Total Clearance						1.20		RED:	95.4765	95.7265	95.9765	96.2265	96.4765
		mm		inch				0.047			3.75892	3.76876	3.77860	3.78844	3.79829
SWN30131		-0.03		-0.00118				2.50	21.99	BLUE:	95.4695	95.7195	95.9695	96.2195	96.4695
								0.098	0.866		3.75864	3.76848	3.77833	3.78817	3.79801
						Cir Clip		REMARKS:							
							SURFACE TREATMENT		Measure for CYL 6.00 mm from Bottom of Skirt.						
							Anodized Head		Clearance: 0.236 inch						
						T01	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 #		175 233													
11-879	8	98.000	52.00	31.60	-	4.20	1.50	59.60	RED:						
		3.858	2.047	1.244		0.165	0.059	2.346		97.9600	98.2100	98.4600	98.7100	98.9600	
PISTON RING #		Total Clearance						1.50			97.9600	98.2100	98.4600	98.7100	98.9600
		mm		inch				0.059			3.85669	3.86654	3.87638	3.88622	3.89606
SWN30149		-0.03		-0.00118				2.50	22.00	GREEN:					
								0.098	0.866		97.9800	98.2300	98.4800	98.7300	98.9800
						Cir Clip		REMARKS:							
							SURFACE TREATMENT		Measure for CYL 6.00 mm from Bottom of Skirt.						
							Anodized Head		Clearance: 0.236 inch						
						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 #		261													
11-880	4	95.000	59.30	39.30	-	8.60	1.20	62.00	YELLOW:						
		3.740	2.335	1.547		0.339	0.047	2.441		94.9775	95.2275	95.4775	95.7275	95.9775	
PISTON RING #		Total Clearance						1.20		RED:	94.9775	95.2275	95.4775	95.7275	95.9775
		mm		inch				0.177			0.047	3.73927	3.74911	3.75896	3.76880
SDT10193		-0.03		-0.00118				2.22	22.00	BLUE:	94.9675	95.2175	95.4675	95.7175	95.9675
								0.087	0.079		0.866	3.73888	3.74872	3.75856	3.76841
						Cir Clip		REMARKS:							
							SURFACE TREATMENT		Measure for CYL 10.00 mm from Bottom of Skirt.						
							Anodized Head		Clearance: 0.394 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.						
PAGE #		227 249													
11-881	4	89.000	61.50	32.90	+	5.90	1.20	57.00	RED:						
		3.504	2.421	1.295		0.232	0.047	2.244		88.9600	89.2100	89.4600	89.7100	89.9600	
PISTON RING #		Total Clearance						1.20			88.9600	89.2100	89.4600	89.7100	89.9600
		mm		inch				0.047			3.50236	3.51220	3.52205	3.53189	3.54173
TBA		-0.03		-0.00118				2.50	19.99	GREEN:					
								0.098	0.787		88.9800	89.2300	89.4800	89.7300	89.9800
						Cir Clip		REMARKS:							
							SURFACE TREATMENT		Measure for CYL 9.50 mm from Bottom of Skirt.						
							Anodized Ring Land		Clearance: 0.374 inch						
						T01	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
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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)	
		BORE	LENGTH	COMP.	+	DIST.	2ND			mm	mm	mm	mm	mm	
		inch	inch	inch	-	inch	OIL1			inch	inch	inch	inch	inch	
PAGE #		163													
11-882	4	86.000	55.80	30.00	+	3.80	1.20	52.50	YELLOW:	85.9775	86.2275	86.4775	86.7275	86.9775	
		3.386	2.197	1.181		0.150	0.047	2.067		3.38494	3.39478	3.40463	3.41447	3.42431	
PISTON RING #		Total Clearance							RED:	85.9675	86.2175	86.4675	86.7175	86.9675	
		mm	inch							3.38455	3.39439	3.40423	3.41407	3.42392	
TBA		-0.03	-0.00118						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	
									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.						
PAGE #		249													
11-883	6	84.000	58.90	29.40	-	4.90	1.20	58.00	YELLOW:	83.9775	84.2275	84.4775	84.7275	84.9775	
		3.307	2.319	1.157		0.193	0.047	2.283		3.30620	3.31604	3.32589	3.33573	3.34557	
PISTON RING #		Total Clearance							RED:	83.9675	84.2175	84.4675	84.7175	84.9675	
		mm	inch							3.30581	3.31565	3.32549	3.33533	3.34518	
SWS20178		-0.03	-0.00118						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	
									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.						
PAGE #		147 149 151													
11-884	8	103.000	89.82	49.82	-	15.20	2.95	81.00	Tolerance is + / - (mm inch) :						
		4.055	3.536	1.961		0.598	0.116	3.189							
PISTON RING #		Total Clearance							RED:	106.9775	107.2275	107.4775	107.7275	107.9775	
		mm	inch							4.21171	4.22156	4.23140	4.24124	4.25108	
SDI10183		TBA	TBA						BLUE:	106.9675	107.2175	107.4675	107.7175	107.9675	
										4.21132	4.22116	4.23100	4.24085	4.25069	
									GREEN:	106.9625	107.2125	107.4625	107.7125	107.9625	
										4.21112	4.22096	4.23081	4.24065	4.25049	
									D04	106.9725	107.2225	107.4725	107.7225	107.9725	
										4.21152	4.22136	4.23120	4.24104	4.25089	
									REMARKS:						
									Measure for CYL		20.00 mm	from Bottom of			
									Clearance:		0.787 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.						
PAGE #		51 87													
11-885	8	107.000	103.20	69.40	-	22.00	3.00	90.50	YELLOW:	106.9775	107.2275	107.4775	107.7275	107.9775	
		4.213	4.063	2.732		0.866	0.118	3.563		4.21171	4.22156	4.23140	4.24124	4.25108	
PISTON RING #		Total Clearance							RED:	106.9675	107.2175	107.4675	107.7175	107.9675	
		mm	inch							4.21132	4.22116	4.23100	4.24085	4.25069	
SDC10023		-0.12	-0.00472						BLUE:	106.9625	107.2125	107.4625	107.7125	107.9625	
										4.21112	4.22096	4.23081	4.24065	4.25049	
									C17	106.9725	107.2225	107.4725	107.7225	107.9725	
										4.21152	4.22136	4.23120	4.24104	4.25089	
									REMARKS:						
									Measure for CYL		20.00 mm	from Bottom of			
									Clearance:		0.787 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.						

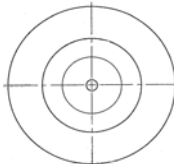
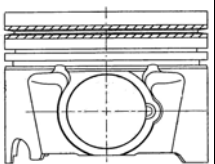
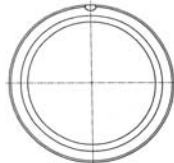
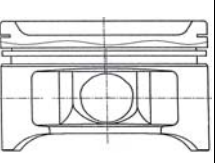
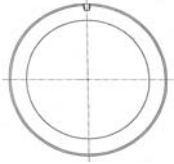
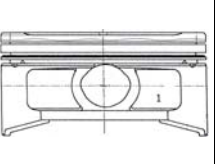
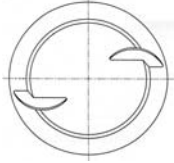
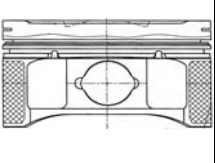
PISTON BUYER'S GUIDE

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



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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	+ mm inch	DIST. mm inch	2ND	LENGTH		mm	mm	mm	mm	mm		
							OIL1	DIA.		inch	inch	inch	inch	inch		
							OIL2	mm		inch	inch	inch	inch	inch		
PAGE #		85					98.200 Tolerance is + / - (mm inch) : 0.0025 0.00010									
11-886	8	98.200	78.90	52.15	-	15.95	2.50	75.00	YELLOW:	98.1775	98.4275	98.6775	98.9275	99.1775		
		3.866	3.106	2.053	-	0.628	0.098	2.953		3.86526	3.87510	3.88494	3.89478	3.90463		
		PISTON RING #		Total Clearance						98.1675	98.4175	98.6675	98.9175	99.1675		
SDF30022		mm		inch				3.86486		3.87470	3.88455	3.89439	3.90423			
		-0.06		-0.00236				98.1625		98.4125	98.6625	98.9125	99.1625			
								3.86467		3.87451	3.88435	3.89419	3.90404			
		Cir Clip						98.1725		98.4225	98.6725	98.9225	99.1725			
								3.86506		3.87490	3.88474	3.89459	3.90443			
								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.						
PAGE #		113					91.960 Tolerance is + / - (mm inch) : 0.0045 0.00018									
11-887	6	92.000	50.60	30.60	-	5.50	1.20	60.00	YELLOW:	91.9705	92.2205	92.4705	92.7205	92.9705		
		3.622	1.992	1.205	-	0.217	0.047	2.362		3.62089	3.63073	3.64057	3.65041	3.66026		
		PISTON RING #		Total Clearance						91.9625	92.2125	92.4625	92.7125	92.9625		
SWG10001		mm		inch				3.62057		3.63041	3.64026	3.65010	3.65994			
		-0.04		-0.00157				91.9495		92.1995	92.4495	92.6995	92.9495			
								3.62006		3.62990	3.63974	3.64959	3.65943			
		Cir Clip						91.9575		92.2075	92.4575	92.7075	92.9575			
								3.62037		3.63022	3.64006	3.64990	3.65974			
								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.						
PAGE #		119 121					96.470 Tolerance is + / - (mm inch) : 0.0045 0.00018									
11-888	6	96.520	53.30	27.40	-	1.30	1.20	65.50	YELLOW:	96.4750	96.7250	96.9750	97.2250	97.4750		
		3.800	2.098	1.079	-	0.051	0.047	2.579		3.79823	3.80807	3.81791	3.82776	3.83760		
		PISTON RING #		Total Clearance						96.4725	96.7225	96.9725	97.2225	97.4725		
SWG10003		mm		inch				3.79813		3.80797	3.81781	3.82766	3.83750			
		-0.03		-0.00118				96.4650		96.7150	96.9650	97.2150	97.4650			
								3.79783		3.80768	3.81752	3.82736	3.83720			
		Cir Clip						96.4675		96.7175	96.9675	97.2175	97.4675			
								3.79793		3.80778	3.81762	3.82746	3.83730			
								REMARKS:								
										Measure for CYL		12.00 mm		from Bottom of		
										Clearance:		0.472 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.						
PAGE #		143					101.400 Tolerance is + / - (mm inch) : 0.0045 0.00018									
11-889	8	101.600	57.90	33.90	-	1.40	1.20	65.00	YELLOW:	101.4050	101.6550	101.9050	102.1550	102.4050		
		4.000	2.280	1.335	-	0.055	0.047	2.559		3.99232	4.00217	4.01201	4.02185	4.03169		
		PISTON RING #		Total Clearance						101.4025	101.6525	101.9025	102.1525	102.4025		
SWG10031		mm		inch				3.99222		4.00207	4.01191	4.02175	4.03159			
		-0.03		-0.00118				101.3950		101.6450	101.8950	102.1450	102.3950			
								3.99193		4.00177	4.01161	4.02146	4.03130			
		Cir Clip						101.3975		101.6475	101.8975	102.1475	102.3975			
								3.99203		4.00187	4.01171	4.02156	4.03140			
								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.						

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
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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						
		inch	inch	inch	-	inch	OIL1	DIA.		inch	inch	inch	inch	inch						
PAGE #		159							72.980 Tolerance is + / - (mm inch) : 0.0045 0.00018											
11-890	4	73.000	49.40	26.20	+	1.70	1.00	54.00	YELLOW:	72.9850	73.2350	73.4850	73.7350	73.9850						
		2.874	1.945	1.031		0.067	0.039	2.126		2.87343	2.88327	2.89311	2.90295	2.91280						
PISTON RING #		Total Clearance						1.20	WHITE:	72.9825	73.2325	73.4825	73.7325	73.9825						
		mm		inch				0.047		2.87333	2.88317	2.89301	2.90285	2.91270						
TBA		-0.02		-0.00079				2.00	BLUE:	72.9750	73.2250	73.4750	73.7250	73.9750						
								0.079		2.87303	2.88287	2.89272	2.90256	2.91240						
									GREEN:	72.9775	73.2275	73.4775	73.7275	73.9775						
										2.87313	2.88297	2.89281	2.90266	2.91250						
									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.											
PAGE #		161							80.980 Tolerance is + / - (mm inch) : 0.003 0.00012											
11-891	4	81.000	49.40	28.88	-	2.00	1.20	46.00	YELLOW:	80.9730	81.2230	81.4730	81.7230	81.9730						
		3.189	1.945	1.137		0.079	0.047	1.811		3.18791	3.19776	3.20760	3.21744	3.22728						
PISTON RING #		Total Clearance						1.20	RED:	80.9865	81.2365	81.4865	81.7365	81.9865						
		mm		inch				0.047		3.18844	3.19829	3.20813	3.21797	3.22781						
SWH30484		-0.02		-0.00079				2.00	BLUE:	80.9795	81.2295	81.4795	81.7295	81.9795						
								0.079		3.18817	3.19801	3.20785	3.21770	3.22754						
									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.											
PAGE #		169 187							86.680 Tolerance is + / - (mm inch) : 0.003 0.00012											
11-892	6	86.700	54.00	30.50	-	0.60	1.20	59.00	YELLOW:	86.6730	86.9230	87.1730	87.4230	87.6730						
		3.413	2.126	1.201		0.024	0.047	2.323		3.41232	3.42217	3.43201	3.44185	3.45169						
PISTON RING #		Total Clearance						1.20	RED:	86.6865	86.9365	87.1865	87.4365	87.6865						
		mm		inch				0.047		3.41285	3.42270	3.43254	3.44238	3.45222						
SWG30045		-0.02		-0.00079				2.00	BLUE:	86.6795	86.9295	87.1795	87.4295	87.6795						
								0.079		3.41258	3.42242	3.43226	3.44211	3.45195						
									REMARKS:											
									Measure for CYL		5.00 mm		from Bottom of							
									Clearance:		0.197 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.											
PAGE #		223							77.970 Tolerance is + / - (mm inch) : 0.003 0.00012											
11-893	4	78.000	46.80	28.50	-	4.50	1.20	53.50	YELLOW:	77.9630	78.2130	78.4630	78.7130	78.9630						
		3.071	1.843	1.122		0.177	0.047	2.106		3.06941	3.07925	3.08909	3.09894	3.10878						
PISTON RING #		Total Clearance						1.20	RED:	77.9765	78.2265	78.4765	78.7265	78.9765						
		mm		inch				0.047		3.06994	3.07978	3.08963	3.09947	3.10931						
SWN30196		-0.03		-0.00118				2.00	BLUE:	77.9695	78.2195	78.4695	78.7195	78.9695						
								0.079		3.06967	3.07951	3.08935	3.09919	3.10904						
									REMARKS:											
									Measure for CYL		8.00 mm		from Bottom of							
									Clearance:		0.315 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.											



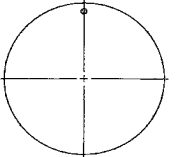
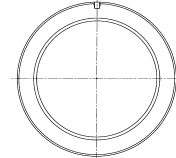
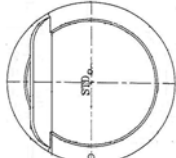
PISTON BUYER'S GUIDE

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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION											
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	+ mm inch	DIST. mm inch	2ND			mm	mm	mm	mm	mm					
							OIL1			inch	inch	inch	inch	inch					
							OIL2			mm	mm	mm	mm	mm					
PAGE #		201						87.500		Tolerance is + / - (mm inch) :		0.0025 0.00010							
11-898	4	87.500	51.00	28.50	-	2.00	1.20	60.00	YELLOW:	87.4775	87.7275	87.9775	88.2275	88.4775					
		3.445	2.008	1.122		0.079	0.047	2.362		3.44400	3.45384	3.46368	3.47352	3.48337					
		PISTON RING #		Total Clearance						1.20		87.4675	87.7175	87.9675	88.2175	88.4675			
		mm inch						0.047	3.44360	3.45344		3.46329	3.47313	3.48297					
SWT20089		-0.03 -0.00118						2.50		87.4625	87.7125	87.9625	88.2125	88.4625					
								0.098		3.44341	3.45325	3.46309	3.47293	3.48278					
								Cir Clip	NONE	87.4725		87.9725	88.2225	88.4725					
										3.44380		3.45364	3.46348	3.47333	3.48317				
									SURFACE TREATMENT	REMARKS:									
										Measure for CYL 10.00 mm from Bottom of Skirt.									
									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.									
									C17 Moly Skirt										
PAGE # 127 135 235										95.980 Tolerance is + / - (mm inch) : 0.0045 0.00018									
11-899	8	96.000	59.30	33.60			1.50	65.00	YELLOW:	95.9850	96.2350	96.4850	96.7350	96.9850					
		3.780	2.335	1.323			0.059	2.559		3.77894	3.78878	3.79862	3.80846	3.81831					
PISTON RING #		Total Clearance						1.50		95.9825	96.2325	96.4825	96.7325	96.9825					
		mm inch						0.059		3.77884	3.78868	3.79852	3.80837	3.81821					
SWG10005		-0.02 -0.00079						3.00		95.9750	96.2250	96.4750	96.7250	96.9750					
								0.118		3.77854	3.78839	3.79823	3.80807	3.81791					
								Cir Clip	NONE	95.9775		96.4775	96.7275	96.9775					
										3.77864		3.78848	3.79833	3.80817	3.81801				
									SURFACE TREATMENT	REMARKS:									
										Measure for CYL 16.00 mm from Bottom of Skirt.									
									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.									
									J05 Moly Skirt										
PAGE # 127 133 135										95.980 Tolerance is + / - (mm inch) : 0.0045 0.00018									
11-900	8	96.000	64.80	33.60	-	1.80	1.50	63.50	YELLOW:	95.9850	96.2350	96.4850	96.7350	96.9850					
		3.780	2.551	1.323		0.071	0.059	2.500		3.77894	3.78878	3.79862	3.80846	3.81831					
PISTON RING #		Total Clearance						1.50		95.9825	96.2325	96.4825	96.7325	96.9825					
		mm inch						0.059		3.77884	3.78868	3.79852	3.80837	3.81821					
SWG10005		-0.02 -0.00079						3.00		95.9750	96.2250	96.4750	96.7250	96.9750					
								0.118		3.77854	3.78839	3.79823	3.80807	3.81791					
								Cir Clip	NONE	95.9775		96.4775	96.7275	96.9775					
										3.77864		3.78848	3.79833	3.80817	3.81801				
									SURFACE TREATMENT	REMARKS:									
										Measure for CYL 25.00 mm from Bottom of Skirt.									
									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.									
									J05 Moly Skirt										
PAGE # 167 185										81.980 Tolerance is + / - (mm inch) : 0.003 0.00012									
11-901	4	82.000	57.90	31.10	+	0.30	1.20	59.00	YELLOW:	81.9730	82.2230	82.4730	82.7230	82.9730					
		3.228	2.280	1.224		0.012	0.047	2.323		3.22728	3.23713	3.24697	3.25681	3.26665					
PISTON RING #		Total Clearance						1.20		81.9865	82.2365	82.4865	82.7365	82.9865					
		mm inch						0.047		3.22781	3.23766	3.24750	3.25734	3.26719					
SWG30054		-0.03 -0.00118						2.00		81.9795	82.2295	82.4795	82.7295	82.9795					
								0.079		3.22754	3.23738	3.24722	3.25707	3.26691					
								Cir Clip	NONE										
									SURFACE TREATMENT	REMARKS:									
										Measure for CYL 5.00 mm from Bottom of Skirt.									
									T01 Graphite 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
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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION								
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)		
		BORE	LENGTH	COMP.	+	DIST.	2ND			mm	mm	mm	mm	mm		
		inch	inch	inch	-	inch	OIL1			inch	inch	inch	inch	inch		
PAGE #		43	219						92.950	Tolerance is + / - (mm inch) :					0.0045	0.00018
11-902	8	93.000	56.50	35.40	+	5.30	1.20	58.00	YELLOW:	92.9550	93.2050	93.4550	93.7050	93.9550		
		3.661	2.224	1.394			0.209			0.047	2.283	3.65965	3.66949	3.67933	3.68917	3.69902
PISTON RING #		Total Clearance							1.50	WHITE:	92.9525	93.2025	93.4525	93.7025	93.9525	
		mm									0.059	3.65955	3.66939	3.67923	3.68907	3.69892
SWG10011		-0.02		-0.00079						2.50	BLUE:	92.9450	93.1950	93.4450	93.6950	93.9450
												0.098	3.65925	3.66909	3.67894	3.68878
						Cir Clip		23.00	GREEN:	92.9475	93.1975	93.4475	93.6975	93.9475		
						NONE				3.65935	3.66919	3.67904	3.68888	3.69872		
						J05	SURFACE TREATMENT		REMARKS:							
							Anodized Head		Measure for CYL 8.00 mm from Bottom of Skirt.							
						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 #		75						90.180	Tolerance is + / - (mm inch) :					0.0045	0.00018	
11-903	8	90.200	52.50	31.00	+	1.30	1.50	62.00	YELLOW:	90.1850	90.4350	90.6850	90.9350	91.1850		
		3.551	2.067	1.220			0.051			0.059	2.441	3.55059	3.56043	3.57028	3.58012	3.58996
PISTON RING #		Total Clearance							1.50	WHITE:	90.1825	90.4325	90.6825	90.9325	91.1825	
		mm									0.059	3.55049	3.56033	3.57018	3.58002	3.58986
SWF30006		-0.02		-0.00079						3.00	BLUE:	90.1750	90.4250	90.6750	90.9250	91.1750
												0.118	3.55020	3.56004	3.56988	3.57972
						Cir Clip		22.00	GREEN:	90.1775	90.4275	90.6775	90.9275	91.1775		
										3.55030	3.56014	3.56998	3.57982	3.58967		
						J05	SURFACE TREATMENT		REMARKS:							
							Anodized Head		Measure for CYL 9.00 mm from Bottom of Skirt.							
						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 #		145						103.220	Tolerance is + / - (mm inch) :					0.0045	0.00018	
11-904	8	103.250	56.00	34.00	-	3.70	1.50	65.00	YELLOW:	103.2250	103.4750	103.7250	103.9750	104.2250		
		4.065	2.205	1.339			0.146			0.059	2.559	4.06398	4.07382	4.08366	4.09350	4.10335
PISTON RING #		Total Clearance							1.50	WHITE:	103.2225	103.4725	103.7225	103.9725	104.2225	
		mm									0.059	4.06388	4.07372	4.08356	4.09341	4.10325
TBA		-0.02		-0.00079						2.50	BLUE:	103.2150	103.4650	103.7150	103.9650	104.2150
												0.098	4.06358	4.07343	4.08327	4.09311
						Cir Clip		23.96	GREEN:	103.2175	103.4675	103.7175	103.9675	104.2175		
										4.06368	4.07352	4.08337	4.09321	4.10305		
						J05	SURFACE TREATMENT		REMARKS:							
							Anodized Head		Measure for CYL 9.00 mm from Bottom of Skirt.							
						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 #		165						87.000	Tolerance is + / - (mm inch) :					0.0025	0.00010	
11-905	4	87.000	57.40	28.80	+	4.20	1.20	52.00	YELLOW:	86.9775	87.2275	87.4775	87.7275	87.9775		
		3.425	2.260	1.134			0.165			0.047	2.047	3.42431	3.43415	3.44400	3.45384	3.46368
PISTON RING #		Total Clearance							1.20	RED:	86.9675	87.2175	87.4675	87.7175	87.9675	
		mm									0.047	3.42392	3.43376	3.44360	3.45344	3.46329
SWH30488		-0.03		-0.00118						2.00	BLUE:	86.9625	87.2125	87.4625	87.7125	87.9625
												0.079	3.42372	3.43356	3.44341	3.45325
						Cir Clip		21.97	GREEN:	86.9725	87.2225	87.4725	87.7225	87.9725		
										3.42411	3.43396	3.44380	3.45364	3.46348		
						C17	SURFACE TREATMENT		REMARKS:							
							NONE		Measure for CYL 10.00 mm from Bottom of Skirt.							
						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.								

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



RED = NEW INFORMATION

PISTON BUYER'S GUIDE

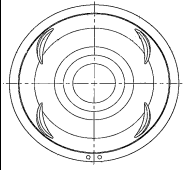
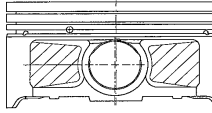
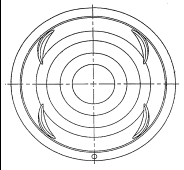
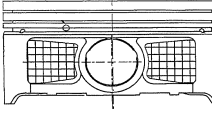
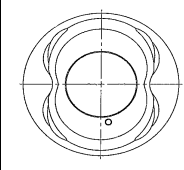
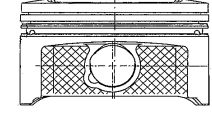
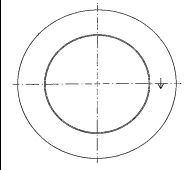
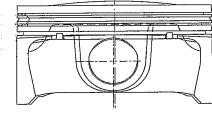
PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION													
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	PIN LENGTH DIA. mm	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)									
		BORE	LENGTH	COMP.	+	DIST.	2ND			mm	mm	mm	mm	mm									
		inch	inch	inch	-	inch	OIL1			inch	inch	inch	inch	inch									
PAGE #		235	245						99.500	Tolerance is + / - (mm inch) :					0.0025	0.00010							
11-910	4	99.500	51.30	30.40	-	3.20	1.20	64.00	YELLOW:	99.4775	99.7275	99.9775	100.2275	100.4775									
		3.917	2.020	1.197		0.126	0.047	2.520		3.91644	3.92628	3.93612	3.94596	3.95581									
PISTON RING #		Total Clearance		4.70		1.20						RED:	99.4675	99.7175	99.9675	100.2175	100.4675						
		mm	inch	0.185		0.047							3.91604	3.92589	3.93573	3.94557	3.95541						
SWF20068				5.40		2.00	23.00	BLUE:		99.4625	99.7125	99.9625	100.2125	100.4625									
		-0.03	-0.00118	0.213		0.079	0.906			3.91585	3.92569	3.93553	3.94537	3.95522									
						Cir Clip			SURFACE TREATMENT	REMARKS:													
								Anodized Head		Measure for CYL 13.00 mm from Bottom of Skirt. Clearance: 0.512 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.														
PAGE #		245								99.500	Tolerance is + / - (mm inch) :					0.0025	0.00010						
11-911	4	99.500	51.40	30.70	-	2.00	1.20	64.00	YELLOW:	99.4775	99.7275	99.9775	100.2275	100.4775									
		3.917	2.024	1.209		0.079	0.047	2.520		3.91644	3.92628	3.93612	3.94596	3.95581									
PISTON RING #		Total Clearance		5.10		1.20						RED:	99.4675	99.7175	99.9675	100.2175	100.4675						
		mm	inch	0.201		0.047							3.91604	3.92589	3.93573	3.94557	3.95541						
SWF20068				5.40		2.00	22.99	BLUE:		99.4625	99.7125	99.9625	100.2125	100.4625									
		-0.03	-0.00118	0.213		0.079	0.905			3.91585	3.92569	3.93553	3.94537	3.95522									
						Cir Clip			SURFACE TREATMENT	REMARKS:													
								Anodized Head		Measure for CYL 15.00 mm from Bottom of Skirt. 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.														
PAGE #		197	265								94.000	Tolerance is + / - (mm inch) :					0.0025	0.00010					
11-912	8	94.000	54.70	33.40	+	2.30	1.20	62.00	YELLOW:	93.9775	94.2275	94.4775	94.7275	94.9775									
		3.701	2.154	1.315		0.091	0.047	2.441		3.69990	3.70974	3.71959	3.72943	3.73927									
PISTON RING #		Total Clearance		6.10		1.20						RED:	93.9675	94.2175	94.4675	94.7175	94.9675						
		mm	inch	0.240		0.047							3.69951	3.70935	3.71919	3.72904	3.73888						
SWT10240						3.00	22.00	BLUE:		93.9625	94.2125	94.4625	94.7125	94.9625									
		-0.03	-0.00118	-		0.118	0.866			3.69931	3.70915	3.71900	3.72884	3.73868									
						Cir Clip			SURFACE TREATMENT	REMARKS:													
								Anodized Head		Measure for CYL 15.00 mm from Bottom of Skirt. 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.														
PAGE #		49								99.500	Tolerance is + / - (mm inch) :					0.0025	0.00010						
11-913	8	99.500	53.30	30.00	+	2.30	1.20	75.00	YELLOW:	99.4775	99.7275	99.9775	100.2275	100.4775									
		3.917	2.098	1.181		0.091	0.047	2.953		3.91644	3.92628	3.93612	3.94596	3.95581									
PISTON RING #		Total Clearance				1.20						RED:	99.4675	99.7175	99.9675	100.2175	100.4675						
		mm	inch			0.047							3.91604	3.92589	3.93573	3.94557	3.95541						
SWC10024						2.00	24.00	BLUE:		99.4625	99.7125	99.9625	100.2125	100.4625									
		-0.03	-0.00118	-		0.079	0.945			3.91585	3.92569	3.93553	3.94537	3.95522									
						Cir Clip			SURFACE TREATMENT	REMARKS:													
						NONE		Anodized Head		Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 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.														

PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION				
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	+ - mm inch	DIST. mm inch	2ND			mm inch	mm inch	mm inch	mm inch	mm inch
							OIL1			MID	MID	MID	MID	
							OIL2							
PAGE # 73										100.400 Tolerance is + / - (mm inch) : 0.0025 0.00010				
11-914	6	100.400	64.70	36.40			1.20	72.50	YELLOW:	100.3775	100.6275	100.8775	101.1275	101.3775
		3.953	2.547	1.433			0.047	2.854		3.95187	3.96171	3.97156	3.98140	3.99124
PISTON RING #		Total Clearance					1.50		RED:	100.3675	100.6175	100.8675	101.1175	101.3675
		mm inch					0.059			3.95148	3.96132	3.97116	3.98100	3.99085
SWF30012		-0.03 -0.00118					3.00	24.00	BLUE:	100.3625	100.6125	100.8625	101.1125	101.3625
							0.118	0.945		3.95128	3.96112	3.97096	3.98081	3.99065
									GREEN:	100.3725	100.6225	100.8725	101.1225	101.3725
										3.95167	3.96152	3.97136	3.98120	3.99104
									REMARKS:					
									Measure for CYL 12.50 mm from Bottom of Skirt.					
									Clearance: 0.492 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 # 85														
11-915	8				-				YELLOW:	-0.0225	0.2275	0.4775	0.7275	0.9775
					-					-0.00089	0.00896	0.01880	0.02864	0.03848
PISTON RING #		Total Clearance							RED:	-0.0325	0.2175	0.4675	0.7175	0.9675
		mm inch								-0.00128	0.00856	0.01841	0.02825	0.03809
		-0.06 -0.00236							BLUE:	-0.0375	0.2125	0.4625	0.7125	0.9625
										-0.00148	0.00837	0.01821	0.02805	0.03789
									GREEN:	-0.0275	0.2225	0.4725	0.7225	0.9725
										-0.00108	0.00876	0.01860	0.02844	0.03829
									REMARKS:					
									Measure for CYL mm from Bottom of Skirt.					
									Clearance: 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 # 39														
11-916	6	96.000	51.80	28.70		0.30	1.20	52.00	YELLOW:	95.9730	96.2230	96.4730	96.7230	96.9730
		3.780	2.039	1.130	-	0.012	0.047	2.047		3.77846	3.78831	3.79815	3.80799	3.81783
PISTON RING #		Total Clearance					1.20		RED:	95.9865	96.2365	96.4865	96.7365	96.9865
		mm inch					0.047			3.77900	3.78884	3.79868	3.80852	3.81837
SWC10025		-0.03 -0.00118					2.00	22.00	BLUE:	95.9795	96.2295	96.4795	96.7295	96.9795
							0.079	0.866		3.77872	3.78856	3.79841	3.80825	3.81809
									REMARKS:					
									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 # 115														
11-917	6	94.000	54.90	32.00		-3.00	1.20	61.00	YELLOW:	93.9730	94.2230	94.4730	94.7230	94.9730
		3.701	2.161	1.260	-	-0.118	0.047	2.402		3.69972	3.70957	3.71941	3.72925	3.73909
PISTON RING #		Total Clearance					1.50		RED:	93.9865	94.2365	94.4865	94.7365	94.9865
		mm inch					0.059			3.70026	3.71010	3.71994	3.72978	3.73963
SWG10039		-0.03 -0.00118					2.50	24.00	BLUE:	93.9795	94.2295	94.4795	94.7295	94.9795
							0.098	0.945		3.69998	3.70982	3.71967	3.72951	3.73935
									REMARKS:					
									Measure for CYL 15.00 mm from Bottom of Skirt.					
									Clearance: 0.591 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 # 115														

PISTON BUYER'S GUIDE

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



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NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT										PISTON DIAMETER MEASURING POINT EXPLANATION												
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	2ND			mm	mm	mm	mm	mm								
							OIL1			inch	inch	inch	inch									
							OIL2			mm	inch	inch	inch									
PAGE #		73							95.000	85.80	52.04	6.60	2.25	65.00	YELLOW:	94.9775	95.2275	95.4775	95.7275	95.9775		
11-918		6	3.740	3.378	2.049	~	0.260	0.089	2.559	RED:	94.9675	95.2175	95.4675	95.7175		95.9675	3.73927	3.74911	3.75896	3.76880	3.77864	
PISTON RING #		Total Clearance		-		16.40	2.00	BLUE:	94.9625		95.2125	95.4625	95.7125	95.9625		3.73888	3.74872	3.75856	3.76841	3.77825		
NA		mm		inch		0.646	0.079		GREEN:	3.73868	3.74852	3.75837	3.76821	3.77805	-0.06		-0.00236		3.73907	3.74892	3.75876	3.76860
		-0.06		-0.00236			3.50	34.00		REMARKS:												
		0.138		1.339					Measure for CYL 15.00 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.													
									95.000 Tolerance is + / - (mm inch) : 0.0025 0.00010													
									94.9775 95.2275 95.4775 95.7275 95.9775													
									3.73927 3.74911 3.75896 3.76880 3.77864													
									94.9675 95.2175 95.4675 95.7175 95.9675													
									3.73888 3.74872 3.75856 3.76841 3.77825													
									94.9625 95.2125 95.4625 95.7125 95.9625													
									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 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.													
									96.000 Tolerance is + / - (mm inch) : 0.0025 0.00010													
									95.9775 86.2275 86.4775 86.7275 86.9775													
									3.38494 3.39478 3.40463 3.41447 3.42431													
									95.9675 86.2175 86.4675 86.7175 86.9675													
									3.38455 3.39439 3.40423 3.41407 3.42392													
									95.9625 86.2125 86.4625 86.7125 86.9625													
									3.38435 3.39419 3.40404 3.41388 3.42372													
									95.9725 86.2225 86.4725 86.7225 86.9725													
									3.38474 3.39459 3.40443 3.41427 3.42411													
									REMARKS:													
									Measure for CYL 15.00 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.													
									96.000 Tolerance is + / - (mm inch) : 0.0025 0.00010													
									95.9775 96.2275 96.4775 96.7275 96.9775													
									3.77864 3.78848 3.79833 3.80817 3.81801													
									95.9675 96.2175 96.4675 96.7175 96.9675													
									3.77825 3.78809 3.79793 3.80778 3.81762													
									95.9625 96.2125 96.4625 96.7125 96.9625													
									3.77805 3.78789 3.79774 3.80758 3.81742													
									95.9725 96.2225 96.4725 96.7225 96.9725													
									3.77844 3.78829 3.79813 3.80797 3.81781													
									REMARKS:													
									Measure for CYL 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.													
									99.500 Tolerance is + / - (mm inch) : 0.0025 0.00010													
									99.4775 99.7275 99.9775 100.2275 100.4775													
									3.91644 3.92628 3.93612 3.94596 3.95581													
									99.4675 99.7175 99.9675 100.2175 100.4675													
									3.91604 3.92589 3.93573 3.94557 3.95541													
									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													
									REMARKS:													
									Measure for CYL 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.													
									99.500 Tolerance is + / - (mm inch) : 0.0025 0.00010													
									99.4775 99.7275 99.9775 100.2275 100.4775													
									3.91644 3.92628 3.93612 3.94596 3.95581													
									99.4675 99.7175 99.9675 100.2175 100.4675													
									3.91604 3.92589 3.93573 3.94557 3.95541													
									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													
									REMARKS:													
									Measure for CYL 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.													

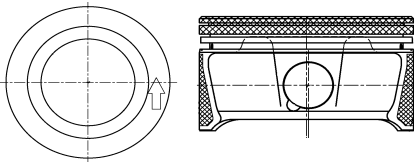
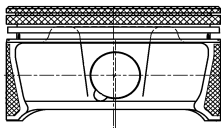
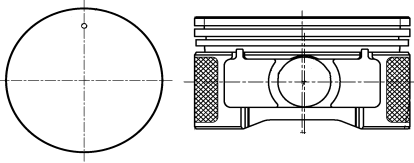
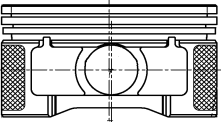
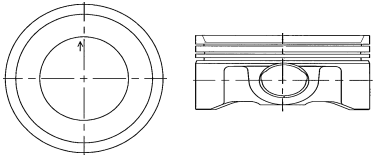
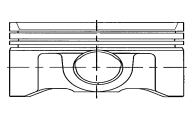
PISTON BUYER'S GUIDE

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



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RED = NEW INFORMATION

NOA PISTON SPECIFICATION AND PISTON RING # FOR KIT								PISTON DIAMETER MEASURING POINT EXPLANATION							
NOA PISTON PART #	C Y L	PISTON INFORMATION					1ST	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	2ND			mm	mm	mm	mm	mm	
							OIL1			inch	inch	inch	inch	inch	
							OIL2			mm	mm	mm	mm	mm	
PAGE #		41					95.800 Tolerance is + / - (mm inch) : 0.0045 0.00018								
11-922	6	96.000	55.10	32.70	-	2.60	1.20	52.50	YELLOW:	95.8050	96.0550	96.3050	96.5550	96.8050	
		3.780	2.169	1.287		0.102	0.047	2.067		3.77185	3.78169	3.79154	3.80138	3.81122	
		PISTON RING #		Total Clearance						95.8025	96.0525	96.3025	96.5525	96.8025	
SWG10013		mm		inch					3.77175	3.78159	3.79144	3.80128	3.81112		
		-0.03		-0.00118					95.7950	96.0450	96.2950	96.5450	96.7950		
								0.118	0.866	3.77146	3.78130	3.79114	3.80098	3.81083	
										95.7975	96.0475	96.2975	96.5475	96.7975	
										3.77156	3.78140	3.79124	3.80108	3.81093	
				Cir Clip				REMARKS:							
						SURFACE TREATMENT		Measure for CYL 7.00 mm from Bottom of							
						Anodized Head		Clearance: 0.276 inch 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.							
PAGE #		35					92.960 Tolerance is + / - (mm inch) : 0.0045 0.00018								
11-923	6	93.000	51.50	29.80			1.50	67.50	YELLOW:	92.9650	93.2150	93.4650	93.7150	93.9650	
		3.661	2.028	1.173			0.059	2.657		3.66004	3.66988	3.67972	3.68957	3.69941	
		PISTON RING #		Total Clearance						92.9625	93.2125	93.4625	93.7125	93.9625	
SWC10002		mm		inch					3.65994	3.66978	3.67963	3.68947	3.69931		
		-0.03		-0.00118					92.9550	93.2050	93.4550	93.7050	93.9550		
								0.118	22.89	3.65965	3.66949	3.67933	3.68917	3.69902	
									0.901	92.9575	93.2075	93.4575	93.7075	93.9575	
										3.65974	3.66959	3.67943	3.68927	3.69911	
				Cir Clip				REMARKS:							
				NONE		SURFACE TREATMENT		Measure for CYL 13.00 mm from Bottom of							
						NONE		Clearance: 0.512 inch 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.							
PAGE #		269					82.480 Tolerance is + / - (mm inch) : 0.01 0.00039								
11-9000	4	82.500	50.60	30.60	-	5.50	1.20	56.00	RED:						
		3.248	1.992	1.205		0.217	0.047	2.205		82.4700	82.7200	82.9700	83.2200	83.4700	
		PISTON RING #		Total Clearance						3.24685	3.25669	3.26654	3.27638	3.28622	
SWL03461		mm		inch											
		-0.03		-0.00118											
								21.00	GREEN:						
								0.079		0.827					
											82.4900	82.7400	82.9900	83.2400	83.4900
										3.24764	3.25748	3.26732	3.27717	3.28701	
				Cir Clip				REMARKS:							
						SURFACE TREATMENT		Measure for CYL 5.40 mm from Bottom of							
						NONE		Clearance: 0.213 inch Skirt.							
				T01		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.							