

# 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	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	OIL1	DIA.		inch	inch	inch	inch	inch
11-502	4	75.000	63.00	30.00	+	3.00	1.20	YELLOW:	74.9775	75.2275	75.4775	75.7275	75.9775
		2.953	2.480	1.181	0.118	0.047	2.205		2.95187	2.96171	2.97156	2.98140	2.99124
PISTON RING #		Total Clearance						RED:	74.9675	75.2175	75.4675	75.7175	75.9675
SWH30362		mm	inch					2.95148	2.96132	2.97116	2.98100	2.99085	
		-0.04	-0.00157					BLUE:	74.9625	75.2125	75.4625	75.7125	75.9625
								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	
				Cir Clip				REMARKS:					
				NONE				Measure for CYL Clearance: 15.00 mm from Bottom of Skirt.					
				C17				0.591 inch					
PAGE #		3						75.000 Tolerance is +/- (mm   inch): 0.0025 0.00010					
11-514	4	75.000	59.60	29.50	-	1.00	1.20	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						RED:	74.9675	75.2175	75.4675	75.7175	75.9675
SWH30362		mm	inch					2.95148	2.96132	2.97116	2.98100	2.99085	
		-0.04	-0.00157					BLUE:	74.9625	75.2125	75.4625	75.7125	75.9625
								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	
				Cir Clip				REMARKS:					
				NONE				Measure for CYL Clearance: 30.00 mm from Bottom of Skirt.					
				C17				1.181 inch					
PAGE #		159						75.000 Tolerance is +/- (mm   inch): 0.0025 0.00010					
11-515	4	74.000	59.80	29.80	-	2.70	1.50	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						RED:	73.9675	74.2175	74.4675	74.7175	74.9675
SWH30186		mm	inch					2.91211	2.92195	2.93179	2.94163	2.95148	
		-0.04	-0.00157					BLUE:	73.9625	74.2125	74.4625	74.7125	74.9625
								2.91191	2.92175	2.93159	2.94144	2.95128	
								GREEN:	73.9725	74.2225	74.4725	74.7225	74.9725
								2.91230	2.92215	2.93199	2.94183	2.95167	
				Cir Clip				REMARKS:					
				NONE				Measure for CYL Clearance: 17.50 mm from Bottom of Skirt.					
				C17				0.689 inch					
PAGE #		159						74.000 Tolerance is +/- (mm   inch): 0.0025 0.00010					
11-518	4	75.000	60.80	30.80			1.20	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
PISTON RING #		Total Clearance						RED:	74.9675	75.2175	75.4675	75.7175	75.9675
SWH30365		mm	inch					2.95148	2.96132	2.97116	2.98100	2.99085	
		-0.04	-0.00157					BLUE:	74.9625	75.2125	75.4625	75.7125	75.9625
								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	
				Cir Clip				REMARKS:					
				NONE				Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
				C17				0.394 inch					
PAGE #		159						75.000 Tolerance is +/- (mm   inch): 0.0025 0.00010					

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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	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	OIL1	DIA.		inch	inch	inch	inch	inch
11-519	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				
		SWH30366						WHITE:	82.6825	82.9325	83.1825	83.4325	83.6825
									3.25522	3.26506	3.27490	3.28474	3.29459
								BLUE:	82.6695	82.9195	83.1695	83.4195	83.6695
									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 Clearance: 30.00 mm from Bottom of Skirt.					
								1.181 inch					
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					1.50				
		SWH30366						WHITE:	82.6825	82.9325	83.1825	83.4325	83.6825
									3.25522	3.26506	3.27490	3.28474	3.29459
								BLUE:	82.6695	82.9195	83.1695	83.4195	83.6695
									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 Clearance: 0.00 mm from Bottom of Skirt.					
								0.000 inch					
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				
		SWH30374						RED:					
								BLUE:					
								GREEN:					
								REMARKS:					
								Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
								0.394 inch					
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				
		SWH30375						RED:	80.9675	81.2175	81.4675	81.7175	81.9675
									3.18770	3.19754	3.20738	3.21722	3.22707
								BLUE:	80.9625	81.2125	81.4625	81.7125	81.9625
									3.18750	3.19734	3.20719	3.21703	3.22687
								GREEN:	80.9725	81.2225	81.4725	81.7225	81.9725
									3.18789	3.19774	3.20758	3.21742	3.22726
								REMARKS:					
								Measure for CYL Clearance: 9.00 mm from Bottom of Skirt.					
								0.354 inch					

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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	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	OIL1	DIA.		inch	inch	inch	inch	inch
11-525	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		RED:	80.9675	81.2175	81.4675	81.7175	81.9675
SWH30375		mm	inch			0.059		3.18770	3.19754	3.20738	3.21722	3.22707	
		-0.04	-0.00157			2.80		BLUE:	80.9625	81.2125	81.4625	81.7125	81.9625
						0.110		3.18750	3.19734	3.20719	3.21703	3.22687	
								GREEN:	80.9725	81.2225	81.4725	81.7225	81.9725
								3.18789	3.19774	3.20758	3.21742	3.22726	
PAGE #		161						REMARKS:					
								Measure for CYL Clearance: 9.00 mm from Bottom of Skirt.					
								0.354 inch					
11-529	4	75.500	58.00	29.00	0.70	1.50	60.00	YELLOW:	75.4775	75.7275	75.9775	76.2275	76.4775
		2.972	2.283	1.142	0.028	0.059	2.362		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
SWM31063		mm	inch			0.059		2.97116	2.98100	2.99085	3.00069	3.01053	
		-0.04	-0.00157			4.00		BLUE:	75.4625	75.7125	75.9625	76.2125	76.4625
						0.157		2.97096	2.98081	2.99065	3.00049	3.01033	
								GREEN:	75.4725	75.7225	75.9725	76.2225	76.4725
								2.97136	2.98120	2.99104	3.00089	3.01073	
PAGE #		13	167	211				REMARKS:					
								Measure for CYL Clearance: 7.00 mm from Bottom of Skirt.					
								0.276 inch					
11-530	4	75.500	58.60	29.40	3.60	1.50	60.00	YELLOW:	75.4775	75.7275	75.9775	76.2275	76.4775
		2.972	2.307	1.157	0.142	0.059	2.362		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
SWM31063		mm	inch			0.059		2.97116	2.98100	2.99085	3.00069	3.01053	
		-0.04	-0.00157			4.00		BLUE:	75.4625	75.7125	75.9625	76.2125	76.4625
						0.157		2.97096	2.98081	2.99065	3.00049	3.01033	
								GREEN:	75.4725	75.7225	75.9725	76.2225	76.4725
								2.97136	2.98120	2.99104	3.00089	3.01073	
PAGE #		13	167	211				REMARKS:					
								Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
								0.394 inch					
11-531	4	75.500	58.00	29.00	0.50	1.20	56.00	YELLOW:	75.4850	75.7350	75.9850	76.2350	76.4850
		2.972	2.283	1.142	0.020	0.047	2.205		2.97185	2.98169	2.99154	3.00138	3.01122
PISTON RING #		Total Clearance				1.50		WHITE:	75.4825	75.7325	75.9825	76.2325	76.4825
SWM31076		mm	inch			0.059		2.97175	2.98159	2.99144	3.00128	3.01112	
		-0.02	-0.00079			3.00		BLUE:	75.4750	75.7250	75.9750	76.2250	76.4750
						0.118		2.97146	2.98130	2.99114	3.00098	3.01083	
								GREEN:	75.4775	75.7275	75.9775	76.2275	76.4775
								2.97156	2.98140	2.99124	3.00108	3.01093	
PAGE #		13	211					REMARKS:					
								Measure for CYL Clearance: 19.00 mm from Bottom of Skirt.					
								0.748 inch					

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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	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	OIL1	DIA.		inch	inch	inch	inch	inch
11-536	4	PAGE #		213				86.500					
		BORE		LENGTH		COMP.		DIST.		1ST		PIN	
		mm		mm		mm		mm		mm		mm	
		inch		inch		inch		inch		mm		mm	
PISTON RING #		Total Clearance		+		0.40		1.50					
SWM31072		mm		inch		0.02		0.059					
		-0.04		-0.00157				3.00		22.00		0.866	
								0.118					
						Cir Clip							
						NONE		SURFACE TREATMENT					
						C17		NONE					
										REMARKS:			
										Measure for CYL		10.00 mm from Bottom of Skirt.	
										Clearance:		0.394 inch	
11-538	4	PAGE #		21		169		213					
		BORE		LENGTH		COMP.		DIST.		1ST		PIN	
		mm		mm		mm		mm		mm		mm	
		inch		inch		inch		inch		mm		mm	
PISTON RING #		Total Clearance		+		0.30		1.50					
SWM31037		mm		inch		0.01		0.059					
		-0.04		-0.00157				4.00		21.00		0.827	
								0.157					
						Cir Clip							
						NONE		SURFACE TREATMENT					
						C17		NONE					
										REMARKS:			
										Measure for CYL		15.00 mm from Bottom of Skirt.	
										Clearance:		0.591 inch	
11-539	4	PAGE #		17		211							
		BORE		LENGTH		COMP.		DIST.		1ST		PIN	
		mm		mm		mm		mm		mm		mm	
		inch		inch		inch		inch		mm		mm	
PISTON RING #		Total Clearance		-		7.30		1.50					
SWM31044		mm		inch		0.29		0.059					
		-0.04		-0.00157				4.00		21.00		0.827	
								0.157					
						Cir Clip							
						NONE		SURFACE TREATMENT					
						J05		NONE					
										REMARKS:			
										Measure for CYL		17.00 mm from Bottom of Skirt.	
										Clearance:		0.669 inch	
11-540	4	PAGE #		17		213							
		BORE		LENGTH		COMP.		DIST.		1ST		PIN	
		mm		mm		mm		mm		mm		mm	
		inch		inch		inch		inch		mm		mm	
PISTON RING #		Total Clearance				1.50		0.059					
SWM31048		mm		inch				3.00		21.00		0.827	
		-0.04		-0.00157				0.118					
						Cir Clip							
						NONE		SURFACE TREATMENT					
						C17		NONE					
										REMARKS:			
										Measure for CYL		10.00 mm from Bottom of Skirt.	
										Clearance:		0.394 inch	

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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	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm	
		mm inch	mm inch	mm inch	mm inch	OIL1 OIL2	DIA. mm		inch	inch	inch	inch	inch	
11-543	6	91.100	66.50	32.00	+	0.50	1.20	64.00	91.100 Tolerance is +/- (mm   inch) : 0.0025 0.00010					
		3.587	2.618	1.260		0.020	0.047		2.520	YELLOW:	91.0775	91.3275	91.5775	91.8275
PISTON RING #		Total Clearance					1.50	RED:		91.0675	91.3175	91.5675	91.8175	92.0675
SWM31078		mm	inch				0.059	BLUE:		3.58533	3.59518	3.60502	3.61486	3.62470
		-0.04	-0.00157				3.00	GREEN:		91.0625	91.3125	91.5625	91.8125	92.0625
							0.118			3.58514	3.59498	3.60482	3.61467	3.62451
		Cir Clip						REMARKS:		Measure for CYL Clearance: 15.00 mm from Bottom of Skirt.				
		NONE						SURFACE TREATMENT						
		C17						NONE						
PAGE #		33	215											
11-545	4	80.600	72.00	34.00	+	4.00	1.50	64.00	80.600 Tolerance is +/- (mm   inch) : 0.0025 0.00010					
		3.173	2.835	1.339		0.157	0.059		2.520	YELLOW:	80.5775	80.8275	81.0775	81.3275
PISTON RING #		Total Clearance					1.50	RED:		80.5675	80.8175	81.0675	81.3175	81.5675
SWM31041		mm	inch				0.059	BLUE:		3.17195	3.18179	3.19163	3.20148	3.21132
		-0.04	-0.00157				4.00	GREEN:		80.5625	80.8125	81.0625	81.3125	81.5625
							0.157			3.17175	3.18159	3.19144	3.20128	3.21112
		Cir Clip						REMARKS:		Measure for CYL Clearance: 15.00 mm from Bottom of Skirt.				
		NONE						SURFACE TREATMENT						
		C17						NONE						
PAGE #		13	211											
11-546	4	85.000	67.00	35.00	-	5.40	1.20	66.00	84.980 Tolerance is +/- (mm   inch) : 0.0045 0.00018					
		3.346	2.638	1.378		0.213	0.047		2.598	YELLOW:	84.9905	85.2405	85.4905	85.7405
PISTON RING #		Total Clearance					1.50	WHITE:		84.9825	85.2325	85.4825	85.7325	85.9825
SWM31048		mm	inch				0.059	BLUE:		3.34577	3.35561	3.36545	3.37530	3.38514
		-0.04	-0.00157				3.00	GREEN:		84.9695	85.2195	85.4695	85.7195	85.9695
							0.118			3.34526	3.35510	3.36494	3.37478	3.38463
		Cir Clip						REMARKS:		Measure for CYL Clearance: 26.00 mm from Bottom of Skirt.				
		NONE						SURFACE TREATMENT						
		J05						Anodized Head						
		NONE						NONE						
PAGE #		17	213											
11-547	6	91.100	65.90	31.90	-	3.40	1.20	64.00	91.080 Tolerance is +/- (mm   inch) : 0.01 0.00039					
		3.587	2.594	1.256		0.134	0.047		2.520	RED:	91.0700	91.3200	91.5700	91.8200
PISTON RING #		Total Clearance					1.50	GREEN:		91.0700	91.3200	91.5700	91.8200	92.0700
SWM31078		mm	inch				0.059			3.58543	3.59528	3.60512	3.61496	3.62480
		-0.04	-0.00157				3.00							
							0.118			91.0900	91.3400	91.5900	91.8400	92.0900
		Cir Clip						REMARKS:		Measure for CYL Clearance: 15.00 mm from Bottom of Skirt.				
		NONE						SURFACE TREATMENT						
		T03						NONE						
PAGE #		33	215											

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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	inch	inch	inch	inch
11-549	6	91.100	68.20	32.20	3.00	1.50	64.00	91.100	Tolerance is +/- (mm   inch) : 0.0025 0.00010				
		3.587	2.685	1.268	0.118	0.059	2.520		mm	mm	mm	mm	mm
PISTON RING #		Total Clearance				1.50		RED:	91.0775	91.3275	91.5775	91.8275	92.0775
		mm	inch			0.059			3.58573	3.59557	3.60541	3.61526	3.62510
SWM31080		-0.04	-0.00157			4.00	22.00	BLUE:	91.0675	91.3175	91.5675	91.8175	92.0675
						0.157	0.866	GREEN:	3.58533	3.59518	3.60502	3.61486	3.62470
									91.0625	91.3125	91.5625	91.8125	92.0625
									3.58514	3.59498	3.60482	3.61467	3.62451
									91.0725	91.3225	91.5725	91.8225	92.0725
									3.58553	3.59537	3.60522	3.61506	3.62490
									REMARKS:				
									Measure for CYL	8.00 mm	from Bottom of		
									Clearance:	0.315 inch	Skirt.		
11-554	4	89.300	81.00	39.00	5.20	1.50	77.00	89.300	Tolerance is +/- (mm   inch) : 0.0025 0.00010				
		3.516	3.189	1.535	0.205	0.059	3.031		mm	mm	mm	mm	mm
PISTON RING #		Total Clearance				1.50		RED:	89.2775	89.5275	89.7775	90.0275	90.2775
		mm	inch			0.059			3.51486	3.52470	3.53455	3.54439	3.55423
SW10123		-0.04	-0.00157			4.00	23.00	BLUE:	89.2675	89.5175	89.7675	90.0175	90.2675
						0.157	0.906	GREEN:	3.51447	3.52431	3.53415	3.54400	3.55384
									89.2625	89.5125	89.7625	90.0125	90.2625
									3.51427	3.52411	3.53396	3.54380	3.55364
									89.2725	89.5225	89.7725	90.0225	90.2725
									3.51467	3.52451	3.53435	3.54419	3.55404
									REMARKS:				
									Measure for CYL	30.00 mm	from Bottom of		
									Clearance:	1.181 inch	Skirt.		
11-555	4	92.600	79.00	36.50	1.40	1.50	72.00	92.600	Tolerance is +/- (mm   inch) : 0.0025 0.00010				
		3.646	3.110	1.437	0.055	0.059	2.835		mm	mm	mm	mm	mm
PISTON RING #		Total Clearance				1.50		RED:	92.5775	92.8275	93.0775	93.3275	93.5775
		mm	inch			0.059			3.64478	3.65463	3.66447	3.67431	3.68415
SW10144		-0.04	-0.00157			4.00	23.00	BLUE:	92.5675	92.8175	93.0675	93.3175	93.5675
						0.157	0.906	GREEN:	3.64439	3.65423	3.66407	3.67392	3.68376
									92.5625	92.8125	93.0625	93.3125	93.5625
									3.64419	3.65404	3.66388	3.67372	3.68356
									92.5725	92.8225	93.0725	93.3225	93.5725
									3.64459	3.65443	3.66427	3.67411	3.68396
									REMARKS:				
									Measure for CYL	25.00 mm	from Bottom of		
									Clearance:	0.984 inch	Skirt.		
11-558	4	88.000	80.10	37.00	2.00	1.50	77.00	88.000	Tolerance is +/- (mm   inch) : 0.0025 0.00010				
		3.465	3.154	1.457	0.079	0.059	3.031		mm	mm	mm	mm	mm
PISTON RING #		Total Clearance				1.50		RED:	87.9775	88.2275	88.4775	88.7275	88.9775
		mm	inch			0.059			3.46368	3.47352	3.48337	3.49321	3.50305
SW10133		-0.04	-0.00157			4.00	22.00	BLUE:	87.9675	88.2175	88.4675	88.7175	88.9675
						0.157	0.866	GREEN:	3.46329	3.47313	3.48297	3.49281	3.50266
									87.9625	88.2125	88.4625	88.7125	88.9625
									3.46309	3.47293	3.48278	3.49262	3.50246
									87.9725	88.2225	88.4725	88.7225	88.9725
									3.46348	3.47333	3.48317	3.49301	3.50285
									REMARKS:				
									Measure for CYL	10.00 mm	from Bottom of		
									Clearance:	0.394 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	COLOR CODE	-0 (STD)	-1 (0.25)	-2 (0.50)	-3 (0.75)	-4 (1.00)
		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm inch	mm inch	mm inch	mm inch	OIL1 OIL2	DIA. mm		inch	inch	inch	inch	inch
11-559	4	92.600	79.00	36.50	-	4.50	1.50	92.600	Tolerance is +/- (mm   inch) :	0.0025		0.00010	
		3.646	3.110	1.437		0.177	0.059			2.835	mm	mm	mm
PISTON RING #		Total Clearance											
		mm	inch										
SW110144		-0.04	-0.00157										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				C17		NONE							
PAGE #		165		179									
REMARKS:								Measure for CYL		25.00 mm		from Bottom of Skirt.	
								Clearance:		0.984 inch			
11-573	4	86.000	71.40	36.50	-	9.50	1.50	86.000	Tolerance is +/- (mm   inch) :	0.0025		0.00010	
		3.386	2.811	1.437		0.374	0.059			2.638	mm	mm	mm
PISTON RING #		Total Clearance											
		mm	inch										
SWT20048		-0.04	-0.00157										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				C17		NONE							
PAGE #		61		203									
REMARKS:								Measure for CYL		15.00 mm		from Bottom of Skirt.	
								Clearance:		0.591 inch			
11-575	6	90.000	74.00	35.50	-	3.60	1.50	90.000	Tolerance is +/- (mm   inch) :	0.0025		0.00010	
		3.543	2.913	1.398		0.142	0.059			3.031	mm	mm	mm
PISTON RING #		Total Clearance											
		mm	inch										
SWT20062		-0.04	-0.00157										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				C17		Moly Skirt							
PAGE #		205											
REMARKS:								Measure for CYL		10.00 mm		from Bottom of Skirt.	
								Clearance:		0.394 inch			
												CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.	
11-579	4	78.000	63.50	32.30	-	1.30	1.50	78.000	Tolerance is +/- (mm   inch) :	0.0025		0.00010	
		3.071	2.500	1.272		0.051	0.059			2.441	mm	mm	mm
PISTON RING #		Total Clearance											
		mm	inch										
SWT20060		-0.04	-0.00157										
				Cir Clip									
				C17		NONE							
PAGE #		199											
REMARKS:								Measure for CYL		10.00 mm		from Bottom of Skirt.	
								Clearance:		0.394 inch			

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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	DIA.		inch	inch	inch	inch	inch
11-580	4	92.000	73.70	35.40	-	8.70	1.50	92.000	Tolerance is +/- (mm   inch) : 0.0025 0.00010				
		3.622	2.902	1.394		0.343	0.059						2.480
PISTON RING #		Total Clearance											
SWT20064		mm	inch										
		-0.04	-0.00157										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				C17		NONE							
PAGE #		205											
REMARKS:								Measure for CYL		10.00 mm		from Bottom of Skirt.	
								Clearance:		0.394 inch			
11-582	4	86.000	71.50	36.50	-	7.00	1.50	85.980	Tolerance is +/- (mm   inch) : 0.003 0.00012				
		3.386	2.815	1.437		0.276	0.059						2.598
PISTON RING #		Total Clearance											
SWT20048		mm	inch										
		-0.04	-0.00157										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				T01		NONE							
PAGE #		61 203											
REMARKS:								Measure for CYL		15.00 mm		from Bottom of Skirt.	
								Clearance:		0.591 inch			
11-583	4	86.000	71.00	36.00	-	5.40	1.50	86.000	Tolerance is +/- (mm   inch) : 0.0025 0.00010				
		3.386	2.795	1.417		0.213	0.059						2.638
PISTON RING #		Total Clearance											
SWT20048		mm	inch										
		-0.04	-0.00157										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				C17		NONE							
PAGE #		61 203											
REMARKS:								Measure for CYL		10.00 mm		from Bottom of Skirt.	
								Clearance:		0.394 inch			
11-584	4	83.000	61.00	30.70	-	2.50	1.50	83.000	Tolerance is +/- (mm   inch) : 0.0025 0.00010				
		3.268	2.402	1.209		0.098	0.059						2.402
PISTON RING #		Total Clearance											
SWT20066		mm	inch										
		-0.04	-0.00157										
				Cir Clip									
				NONE		SURFACE TREATMENT							
				C17		NONE							
PAGE #		201											
REMARKS:								Measure for CYL		10.00 mm		from Bottom of Skirt.	
								Clearance:		0.394 inch			



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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
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	YELLOW:	70.9730	71.2230	71.4730	71.7230	71.9730
		2.795	2.362	1.130		0.039	0.047		2.165	2.79421	2.80406	2.81390	2.82374
PISTON RING #		Total Clearance				4.00	1.50	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	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				NONE	SURFACE TREATMENT	REMARKS:					
						T01	NONE	Measure for CYL Clearance: 12.00 mm from Bottom of Skirt. 0.472 inch					
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	YELLOW:	75.9775	76.2275	76.4775	76.7275	76.9775
		2.992	2.126	1.161		0.205	0.059		2.047	2.99124	3.00108	3.01093	3.02077
PISTON RING #		Total Clearance					1.50	RED:	75.9675	76.2175	76.4675	76.7175	76.9675
		mm	inch				0.059		2.99085	3.00069	3.01053	3.02037	3.03022
SWN30097		-0.04	-0.00157				2.80	BLUE:	75.9625	76.2125	76.4625	76.7125	76.9625
							0.110		2.99065	3.00049	3.01033	3.02018	3.03002
		Cir Clip				C17	NONE	REMARKS:					
								Measure for CYL Clearance: 15.00 mm from Bottom of Skirt. 0.591 inch					
PAGE #		225						88.980		Tolerance is +/- (mm   inch) :		0.01	0.00039
11-598	4	89.000	68.30	34.00	-	6.60	1.50	RED:	88.9700	89.2200	89.4700	89.7200	89.9700
		3.504	2.689	1.339		0.260	0.059		2.421	3.50276	3.51260	3.52244	3.53228
PISTON RING #		Total Clearance					1.50	GREEN:	88.9900	89.2400	89.4900	89.7400	89.9900
		mm	inch				0.059		3.50354	3.51339	3.52323	3.53307	3.54291
SWN30096		-0.04	-0.00157				2.80	REMARKS:					
							0.110	Measure for CYL Clearance: 17.00 mm from Bottom of Skirt. 0.669 inch					
		Cir Clip				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.					