

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
11-600	4	89.000	68.30	34.00	-	0.50	1.50	59.00	88.990 Tolerance is +/- (mm inch) : 0.003 0.00012				
		3.504	2.689	1.339					0.020	0.059	2.323	YELLOW:	88.9830
PISTON RING #		Total Clearance											
SWN30096		mm	inch										
		-0.04	-0.00157										
				Cir Clip									
						SURFACE TREATMENT		REMARKS:		Measure for CYL		5.00 mm from Bottom of Skirt.	
				C17		NONE		Clearance:		0.197 inch			
11-601	4	76.000	54.00	29.50	-	4.80	1.50	52.00	76.000 Tolerance is +/- (mm inch) : 0.0025 0.00010				
		2.992	2.126	1.161					0.189	0.059	2.047	YELLOW:	75.9775
PISTON RING #		Total Clearance											
SWN30104		mm	inch										
		-0.04	-0.00157										
				Cir Clip									
						SURFACE TREATMENT		REMARKS:		Measure for CYL		10.00 mm from Bottom of Skirt.	
				C17		NONE		Clearance:		0.394 inch			
11-602	4	86.000	63.00	32.00	-	0.90	1.50	60.00	86.000 Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.386	2.480	1.260					0.035	0.059	2.362	YELLOW:	85.9775
PISTON RING #		Total Clearance											
SWN30102		mm	inch										
		-0.04	-0.00157										
				Cir Clip									
						SURFACE TREATMENT		REMARKS:		Measure for CYL		10.00 mm from Bottom of Skirt.	
				C17		NONE		Clearance:		0.394 inch			
11-603	6	87.000	67.00	32.00	-	229	1.50	64.00	87.000 Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.425	2.638	1.260					0.059	0.059	2.520	YELLOW:	86.9775
PISTON RING #		Total Clearance											
SWN30058		mm	inch										
		-0.04	-0.00157										
				Cir Clip									
						SURFACE TREATMENT		REMARKS:		Measure for CYL		10.00 mm from Bottom of Skirt.	
				C17		NONE		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
11-609	4	89.000	68.30	34.00	6.60	1.50	61.50	88.980	Tolerance is + / - (mm inch) : 0.01 0.00039				
		3.504	2.689	1.339		0.059			2.421	RED:	88.9700	89.2200	89.4700
	PISTON RING #		Total Clearance		2.80	21.00	GREEN:	88.9900	89.2400		89.4900	89.7400	89.9900
	SWN30118	mm	inch	0.110				0.827	3.50354	3.51339	3.52323	3.53307	3.54291
				Cir Clip	SURFACE TREATMENT		REMARKS:						
					Anodized Head		Measure for CYL 17.00 mm from Bottom of Skirt.						
				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 # 225											
11-610	4	92.000	65.00	31.50		1.20	70.00	YELLOW:	92.000 Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.622	2.559	1.240		0.047			2.756	91.9775	92.2275	92.4775	92.7275
	PISTON RING #		Total Clearance		4.00	21.00	BLUE:	91.9675	92.2175	92.4675	92.7175	92.9675	
	SWF20057	mm	inch	0.157				0.827	3.62077	3.63061	3.64045	3.65030	3.66014
				Cir Clip	SURFACE TREATMENT		REMARKS:						
					NONE		Measure for CYL 10.00 mm from Bottom of Skirt.						
				C17	NONE		GREEN:						
		PAGE # 239											
11-612	4	96.900	68.10	33.30	2.60	1.20	58.00	YELLOW:	97.000 Tolerance is + / - (mm inch) : 0.0025 0.00010				
		3.815	2.681	1.311		0.047			2.283	96.9775	97.2275	97.4775	97.7275
	PISTON RING #		Total Clearance		3.00	23.00	BLUE:	96.9675	97.2175	97.4675	97.7175	97.9675	
	SWF20045	mm	inch	0.118				0.906	3.81762	3.82746	3.83730	3.84715	3.85699
				Cir Clip	SURFACE TREATMENT		REMARKS:						
					NONE		Measure for CYL 10.00 mm from Bottom of Skirt.						
				C17	NONE		GREEN:						
		PAGE # 243											
11-625	3	74.000	55.30	28.40	1.30	1.20	65.00	YELLOW:	74.000 Tolerance is + / - (mm inch) : 0.0025 0.00010				
		2.913	2.177	1.118		0.051			2.559	73.9775	74.2275	74.4775	74.7275
	PISTON RING #		Total Clearance		2.80	17.00	BLUE:	73.9675	74.2175	74.4675	74.7175	74.9675	
	SWS20141	mm	inch	0.110				0.669	2.91211	2.92195	2.93179	2.94163	2.95148
				Cir Clip	SURFACE TREATMENT		REMARKS:						
					NONE		Measure for CYL 10.00 mm from Bottom of Skirt.						
				C17	NONE		GREEN:						
		PAGE # 91 249											

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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	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-626	4	74.000	56.20	29.30	4.80	1.20	65.00	73.980 Tolerance is +/- (mm inch) : 0.003 0.00012					
		2.913	2.213	1.154	0.189	0.047	2.559	YELLOW: 73.9730 74.2230 74.4730 74.7230 74.9730 2.91232 2.92217 2.93201 2.94185 2.95169					
PISTON RING #		Total Clearance						REMARKS:					
		mm	inch					Measure for CYL 12.00 mm from Bottom of Skirt.					
SWS20143		-0.03	-0.00118					Clearance: 0.472 inch					
				Cir Clip		NONE		SURFACE TREATMENT					
						NONE		NONE					
				T01		NONE							
PAGE # 249								73.970 Tolerance is +/- (mm inch) : 0.01 0.00039					
11-627	4	74.000	56.20	29.20		1.20	61.00	RED: 73.9600 74.2100 74.4600 74.7100 74.9600					
		2.913	2.213	1.150		0.047	2.402	2.91181 2.92165 2.93150 2.94134 2.95118					
PISTON RING #		Total Clearance						GREEN: 73.9800 74.2300 74.4800 74.7300 74.9800					
		mm	inch					2.91260 2.92244 2.93228 2.94213 2.95197					
SWS20143		-0.03	-0.00118					REMARKS:					
				Cir Clip		J05		Measure for CYL 14.00 mm from Bottom of Skirt.					
						NONE		Clearance: 0.551 inch					
				J05		NONE							
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						WHITE: 73.9825 74.2325 74.4825 74.7325 74.9825					
		mm	inch					2.91270 2.92254 2.93238 2.94222 2.95207					
SWS20143		-0.04	-0.00157					BLUE: 73.9695 74.2195 74.4695 74.7195 74.9695					
				Cir Clip		NONE		2.91219 2.92203 2.93187 2.94171 2.95156					
						J05		GREEN: 73.9775 74.2275 74.4775 74.7275 74.9775					
						NONE		2.91250 2.92234 2.93219 2.94203 2.95187					
				J05		NONE		REMARKS:					
								Measure for CYL 7.50 mm from Bottom of Skirt.					
								Clearance: 0.295 inch					
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						RED: 74.9675 75.2175 75.4675 75.7175 75.9675					
		mm	inch					2.95148 2.96132 2.97116 2.98100 2.99085					
SWS20142		-0.04	-0.00157					BLUE: 74.9625 75.2125 75.4625 75.7125 75.9625					
				Cir Clip		NONE		2.95128 2.96112 2.97096 2.98081 2.99065					
						C17		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 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
11-630	4	75.000	55.20	28.20	4.10	1.20	61.50	74.970	Tolerance is +/- (mm inch) : 0.0045 0.00018				
		2.953	2.173	1.110	0.161	0.047	2.421		YELLOW:	74.9805	75.2305	75.4805	75.7305
PISTON RING #		Total Clearance				1.50		WHITE:	74.9725	75.2225	75.4725	75.7225	75.9725
SWS20142		mm	inch			0.059		BLUE:	2.95167	2.96152	2.97136	2.98120	2.99104
		-0.04	-0.00157			2.80	19.00	GREEN:	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:	74.9675	75.2175	75.4675	75.7175	75.9675
								Measure for CYL	2.95148	2.96132	2.97116	2.98100	2.99085
				J05				Clearance:	21.00 mm from Bottom of Skirt. 0.827 inch				
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	92.000	Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.622	3.394	1.937	0.094	0.079	2.913		YELLOW:	91.9775	92.2275	92.4775	92.7275
PISTON RING #		Total Clearance				2.00		RED:	3.62116	3.63100	3.64085	3.65069	3.66053
SDT10089		mm	inch			0.079	29.00	BLUE:	91.9675	92.2175	92.4675	92.7175	92.9675
		-0.1016	-0.00400			4.00	1.142	GREEN:	3.62077	3.63061	3.64045	3.65030	3.66014
						0.157			91.9625	92.2125	92.4625	92.7125	92.9625
				Cir Clip				REMARKS:	3.62057	3.63041	3.64026	3.65010	3.65994
								Measure for CYL	91.9725	92.2225	92.4725	92.7225	92.9725
				C17				Clearance:	3.62096	3.63081	3.64065	3.65049	3.66033
PAGE #		259							92.000 Tolerance is +/- (mm inch) : 0.0025 0.00010				
11-632	4	92.000	86.20	49.20	1.30	2.00	74.00	92.000	Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.622	3.394	1.937	0.051	0.079	2.913		YELLOW:	91.9775	92.2275	92.4775	92.7275
PISTON RING #		Total Clearance				2.00		RED:	3.62116	3.63100	3.64085	3.65069	3.66053
SDT10089		mm	inch			0.079	27.00	BLUE:	91.9675	92.2175	92.4675	92.7175	92.9675
		-0.1016	-0.00400			4.00	1.063	GREEN:	3.62077	3.63061	3.64045	3.65030	3.66014
						0.157			91.9625	92.2125	92.4625	92.7125	92.9625
				Cir Clip				REMARKS:	3.62057	3.63041	3.64026	3.65010	3.65994
								Measure for CYL	91.9725	92.2225	92.4725	92.7225	92.9725
				C17				Clearance:	3.62096	3.63081	3.64065	3.65049	3.66033
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	89.950	Tolerance is +/- (mm inch) : 0.0045 0.00018				
		3.543	3.898	2.047	0.055	0.079	2.894		YELLOW:	89.9605	90.2105	90.4605	90.7105
PISTON RING #		Total Clearance				2.00		WHITE:	3.54175	3.55159	3.56144	3.57128	3.58112
SDT10082		mm	inch			0.079	27.00	BLUE:	89.9525	90.2025	90.4525	90.7025	90.9525
		-0.1016	-0.00400			4.00	1.063	GREEN:	3.54144	3.55128	3.56112	3.57096	3.58081
						0.157			89.9395	90.1895	90.4395	90.6895	90.9395
				Cir Clip				REMARKS:	3.54093	3.55077	3.56061	3.57045	3.58030
								Measure for CYL	89.9475	90.1975	90.4475	90.6975	90.9475
				J05				Clearance:	3.54124	3.55108	3.56093	3.57077	3.58061

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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			
11-636	4	PAGE # 259		95.000	67.50	35.50	2.20	1.75	70.00	95.000 Tolerance is +/- (mm inch) : 0.0025 0.00010						
				3.740	2.657	1.398	-	0.087	0.069	2.756	YELLOW:	94.9775	95.2275	95.4775	95.7275	95.9775
		PISTON RING #		Total Clearance			2.50	1.50			RED:	94.9675	95.2175	95.4675	95.7175	95.9675
		SWT10127		mm	inch		0.10	0.059			BLUE:	3.73888	3.74872	3.75856	3.76841	3.77825
				-0.04	-0.00157			4.00	24.00	GREEN:	94.9625	95.2125	95.4625	95.7125	95.9625	
								0.157	0.945		3.73868	3.74852	3.75837	3.76821	3.77805	
						Cir Clip				REMARKS:						
						NONE		SURFACE TREATMENT		Measure for CYL			15.00 mm from Bottom of Skirt.			
						C17		NONE		Clearance:			0.591 inch			
11-637	4	PAGE # 257		91.000	65.00	35.00	6.20	1.50	66.00	90.980 Tolerance is +/- (mm inch) : 0.0045 0.00018						
				3.583	2.559	1.378	-	0.244	0.059	2.598	YELLOW:	90.9850	91.2350	91.4850	91.7350	91.9850
		PISTON RING #		Total Clearance				1.50			WHITE:	90.9825	91.2325	91.4825	91.7325	91.9825
		SWT10111		mm	inch			0.059			BLUE:	3.58199	3.59183	3.60167	3.61152	3.62136
				-0.03	-0.00118			4.00	22.00	GREEN:	90.9750	91.2250	91.4750	91.7250	91.9750	
								0.157	0.866		3.58169	3.59154	3.60138	3.61122	3.62106	
						Cir Clip				REMARKS:						
						NONE		SURFACE TREATMENT		Measure for CYL			25.00 mm from Bottom of Skirt.			
						J05		NONE		Clearance:			0.984 inch			
11-639	6	PAGE # 261		83.000	71.00	33.00	5.80	1.50	66.00	83.000 Tolerance is +/- (mm inch) : 0.0025 0.00010						
				3.268	2.795	1.299	-	0.228	0.059	2.598	YELLOW:	82.9775	83.2275	83.4775	83.7275	83.9775
		PISTON RING #		Total Clearance				1.50			RED:	82.9675	83.2175	83.4675	83.7175	83.9675
		SWT10115		mm	inch			0.059			BLUE:	3.26644	3.27628	3.28612	3.29596	3.30581
				-0.04	-0.00157			4.00	22.00	GREEN:	82.9625	83.2125	83.4625	83.7125	83.9625	
								0.157	0.866		3.26624	3.27608	3.28593	3.29577	3.30561	
						Cir Clip				REMARKS:						
						C17		NONE		Measure for CYL			10.00 mm from Bottom of Skirt.			
										Clearance:			0.394 inch			
11-641	6	PAGE # 261		83.000	74.10	32.90	3.30	1.50	66.00	83.000 Tolerance is +/- (mm inch) : 0.0025 0.00010						
				3.268	2.917	1.295	+	0.130	0.059	2.598	YELLOW:	82.9775	83.2275	83.4775	83.7275	83.9775
		PISTON RING #		Total Clearance				1.50			RED:	82.9675	83.2175	83.4675	83.7175	83.9675
		SWT10079		mm	inch			0.059			BLUE:	3.26644	3.27628	3.28612	3.29596	3.30581
				-0.04	-0.00157			4.00	22.00	GREEN:	82.9625	83.2125	83.4625	83.7125	83.9625	
								0.157	0.866		3.26624	3.27608	3.28593	3.29577	3.30561	
						Cir Clip				REMARKS:						
						C17		NONE		Measure for CYL			15.00 mm from Bottom of Skirt.			
										Clearance:			0.591 inch			

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		BORE	LENGTH	COMP.	DIST.	2ND	LENGTH		mm	mm	mm	mm	mm
		mm	mm	mm	mm	OIL1	DIA.	inch	inch	inch	inch	inch	
		inch	inch	inch	inch	OIL2	mm	MID	MID	MID	MID	MID	
11-642	6	83.000	71.00	33.00	3.30	1.50	66.00	YELLOW:	82.9775	83.2275	83.4775	83.7275	83.9775
		3.268	2.795	1.299	0.130	0.059	2.598		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
SWT10079		mm	inch			0.059			3.26644	3.27628	3.28612	3.29596	3.30581
		-0.04	-0.00157			4.00	22.00	BLUE:	82.9625	83.2125	83.4625	83.7125	83.9625
						0.157	0.866		3.26624	3.27608	3.28593	3.29577	3.30561
								GREEN:	82.9725	83.2225	83.4725	83.7225	83.9725
									3.26663	3.27648	3.28632	3.29616	3.30600
		Cir Clip						REMARKS:					
								Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
		SURFACE TREATMENT											
		NONE											
		C17											
PAGE #		261						83.000 Tolerance is +/- (mm inch) : 0.0025 0.00010					
11-644	4	86.000	68.40	35.00	3.90	1.50	66.00	YELLOW:	86.0105	86.2605	86.5105	86.7605	87.0105
		3.386	2.693	1.378	0.154	0.059	2.598		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
SWT10090		mm	inch			0.059			3.38593	3.39577	3.40561	3.41545	3.42530
		-0.04	-0.00157			4.00	20.01	BLUE:	85.9895	86.2395	86.4895	86.7395	86.9895
						0.157	0.788		3.38541	3.39526	3.40510	3.41494	3.42478
								GREEN:	85.9975	86.2475	86.4975	86.7475	86.9975
									3.38573	3.39557	3.40541	3.41526	3.42510
		Cir Clip						REMARKS:					
								Measure for CYL Clearance: 7.00 mm from Bottom of Skirt.					
		SURFACE TREATMENT											
		NONE											
		J05											
PAGE #		257						86.000 Tolerance is +/- (mm inch) : 0.0045 0.00018					
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				1.50		RED:	85.9865	86.2365	86.4865	86.7365	86.9865
SWT10141		mm	inch			0.059			3.38530	3.39514	3.40498	3.41482	3.42467
		-0.04	-0.00157			4.00	22.00	BLUE:	85.9795	86.2295	86.4795	86.7295	86.9795
						0.157	0.866		3.38502	3.39486	3.40470	3.41455	3.42439
								GREEN:					
		Cir Clip						REMARKS:					
								Measure for CYL Clearance: 5.00 mm from Bottom of Skirt.					
		SURFACE TREATMENT											
		NONE											
		T01											
PAGE #		257						85.980 Tolerance is +/- (mm inch) : 0.003 0.00012					
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
SWT10141		mm	inch			0.059			3.38543	3.39528	3.40512	3.41496	3.42480
		-0.03	-0.00118			4.00	22.00	REMARKS:					
						0.157	0.866	Measure for CYL Clearance: 11.00 mm from Bottom of Skirt.					
		Cir Clip											
		SURFACE TREATMENT											
		NONE											
		T03											
PAGE #		257						85.980 Tolerance is +/- (mm inch) : 0.01 0.00039					

PISTON BUYER'S GUIDE

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



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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
11-648	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
SWT10141		mm	inch			0.059		BLUE:	3.38455	3.39439	3.40423	3.41407	3.42392
		-0.03	-0.00118			4.00	22.00	GREEN:	3.38435	3.39419	3.40404	3.41388	3.42372
						0.157	0.866		85.9725	86.2225	86.4725	86.7225	86.9725
									3.38474	3.39459	3.40443	3.41427	3.42411
		Cir Clip						REMARKS:					
								Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
		SURFACE TREATMENT						Clearance: 0.394 inch					
		NONE											
		C17											
PAGE #		257							86.000		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				1.50		RED:	80.9675	81.2175	81.4675	81.7175	81.9675
SWT10142		mm	inch			0.059		BLUE:	3.18770	3.19754	3.20738	3.21722	3.22707
		-0.04	-0.00157			3.00	18.00	GREEN:	80.9625	81.2125	81.4625	81.7125	81.9625
						0.118	0.709		3.18750	3.19734	3.20719	3.21703	3.22687
		Cir Clip						REMARKS:					
								Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
		SURFACE TREATMENT						Clearance: 0.394 inch					
		NONE											
		C17											
PAGE #		93	253					81.000		Tolerance is +/- (mm inch):		0.0025 0.00010	
11-650	4	73.000	62.00	30.00	2.90	1.50	59.00	YELLOW:	72.9775	73.2275	73.4775	73.7275	73.9775
		2.874	2.441	1.181	0.114	0.059	2.323		2.87313	2.88297	2.89281	2.90266	2.91250
PISTON RING #		Total Clearance				1.50		RED:	72.9675	73.2175	73.4675	73.7175	73.9675
SWT10143		mm	inch			0.059		BLUE:	2.87274	2.88258	2.89242	2.90226	2.91211
		-0.04	-0.00157			3.00	18.00	GREEN:	72.9625	73.2125	73.4625	73.7125	73.9625
						0.118	0.709		2.87254	2.88238	2.89222	2.90207	2.91191
		Cir Clip						REMARKS:					
								Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
		SURFACE TREATMENT						Clearance: 0.394 inch					
		NONE											
		C17											
PAGE #		253							73.000		Tolerance is +/- (mm inch):		0.0025 0.00010
11-651	6	87.500	65.20	32.30	2.20	1.50	63.00	YELLOW:	87.4775	87.7275	87.9775	88.2275	88.4775
		3.445	2.567	1.272	0.087	0.059	2.480		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
SWT10148		mm	inch			0.059		BLUE:	3.44360	3.45344	3.46329	3.47313	3.48297
		-0.04	-0.00157			3.00	21.00	GREEN:	87.4625	87.7125	87.9625	88.2125	88.4625
						0.118	0.827		3.44341	3.45325	3.46309	3.47293	3.48278
		Cir Clip						REMARKS:					
								Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
		SURFACE TREATMENT						Clearance: 0.394 inch					
		NONE						Anodized Head					
		C17						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	259					87.500		Tolerance is +/- (mm inch):		0.0025 0.00010	

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	inch	inch	inch	inch
11-653	6	87.500	62.60	33.70	3.80	1.50	63.00	YELLOW:	87.4905	87.7405	87.9905	88.2405	88.4905
		3.445	2.465	1.327		0.150			0.059	2.480	3.44451	3.45435	3.46419
PISTON RING #		Total Clearance				1.50		WHITE:	87.4825	87.7325	87.9825	88.2325	88.4825
SWT10144		mm	inch			0.059		BLUE:	87.4695	87.7195	87.9695	88.2195	88.4695
		-0.04	-0.00157			4.00		GREEN:	87.4775	87.7275	87.9775	88.2275	88.4775
						0.157		REMARKS:					
				Cir Clip				Measure for CYL Clearance: 2.00 mm from Bottom of Skirt.					
				NONE				Clearance: 0.079 inch					
				J05									
PAGE # 261													
11-654	4	87.000	63.00	32.50	4.70	1.50	66.00	YELLOW:	86.9775	87.2275	87.4775	87.7275	87.9775
		3.425	2.480	1.280		0.185			0.059	2.598	3.42431	3.43415	3.44400
PISTON RING #		Total Clearance				1.50		RED:	86.9675	87.2175	87.4675	87.7175	87.9675
SWT10133		mm	inch			0.059		BLUE:	86.9625	87.2125	87.4625	87.7125	87.9625
		-0.04	-0.00157			4.00		GREEN:	86.9725	87.2225	87.4725	87.7225	87.9725
						0.157		REMARKS:					
				Cir Clip				Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
				NONE				Clearance: 0.394 inch					
				C17									
PAGE # 257													
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
PISTON RING #		Total Clearance				1.20		RED:	73.9675	74.2175	74.4675	74.7175	74.9675
SWT10128		mm	inch			0.047		BLUE:	73.9625	74.2125	74.4625	74.7125	74.9625
		-0.04	-0.00157			3.00		GREEN:	73.9725	74.2225	74.4725	74.7225	74.9725
						0.118		REMARKS:					
				Cir Clip				Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
				NONE				Clearance: 0.394 inch					
				C17									
PAGE # 253													
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
PISTON RING #		Total Clearance				1.50		RED:	86.9675	87.2175	87.4675	87.7175	87.9675
SWT10149		mm	inch			0.059		BLUE:	86.9625	87.2125	87.4625	87.7125	87.9625
		-0.04	-0.00157			3.00		GREEN:	86.9725	87.2225	87.4725	87.7225	87.9725
						0.118		REMARKS:					
				Cir Clip				Measure for CYL Clearance: 10.00 mm from Bottom of Skirt.					
				NONE				Clearance: 0.394 inch					
				C17									
PAGE # 257													

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	DIA.		inch	inch	inch	inch	inch
11-659	4	81.000	64.80	30.00	-	4.00	1.50	61.00	80.980 Tolerance is +/- (mm inch) : 0.0045 0.00018				
		3.189	2.551	1.181					0.157	0.059	2.402	YELLOW:	80.9905
PISTON RING #		Total Clearance				5.00	1.50	WHITE:					
SWT10108		mm	inch			0.20	0.059	80.9825					
		-0.04	-0.00157				2.80	3.18829					
							0.110	3.19762					
								80.9695					
								3.18778					
								80.9775					
								3.18809					
								81.2275					
								3.19793					
								81.4775					
								3.20778					
								81.7275					
								3.21762					
								81.9775					
								3.22746					
								81.9825					
								3.22766					
								81.9695					
								3.22715					
								81.7195					
								3.22715					
								81.7195					
								3.22715					
								81.9775					
								3.22746					
								81.9675					
								3.22707					
								81.9625					
								3.22687					
								81.9725					
								3.22726					
								81.7225					
								3.21742					
								81.9725					
								3.22726					
								81.7175					
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								81.9725					
								3.21742					
								81.9725					
								3.22726					

PISTON BUYER'S GUIDE

Cylinder Wall Clearance is showing
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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 OIL2	DIA. mm		inch	inch	inch	inch	inch
11-673	6	94.000	79.70	37.40	0.30	2.00	75.00	93.970	Tolerance is +/- (mm inch) : 0.01 0.00039				
		3.701	3.138	1.472	0.012	0.079	2.953		mm	mm	mm	mm	mm
PISTON RING #		Total Clearance				2.00		RED:	93.9600	94.2100	94.4600	94.7100	94.9600
SWT10151		mm	inch			0.079			3.69921	3.70906	3.71890	3.72874	3.73858
		-0.03	-0.00118			4.00	22.00	GREEN:	93.9800	94.2300	94.4800	94.7300	94.9800
						0.157	0.866		3.70000	3.70984	3.71969	3.72953	3.73937
		Cir Clip						REMARKS: Measure for CYL Clearance: 27.50 mm from Bottom of Skirt. 1.083 inch					
		SURFACE TREATMENT				NONE							
		T03				NONE							
PAGE # 265													
11-675	6	87.000	64.50	32.00		1.50	67.00	87.000	Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.425	2.539	1.260		0.059	2.638		mm	mm	mm	mm	mm
PISTON RING #		Total Clearance				1.50		YELLOW:	86.9775	87.2275	87.4775	87.7275	87.9775
SWN30058		mm	inch			0.059			3.42431	3.43415	3.44400	3.45384	3.46368
		-0.04	-0.00157			2.80	22.00	RED:	86.9675	87.2175	87.4675	87.7175	87.9675
						0.110	0.866		3.42392	3.43376	3.44360	3.45344	3.46329
		Cir Clip						BLUE:	86.9625	87.2125	87.4625	87.7125	87.9625
		SURFACE TREATMENT				NONE			3.42372	3.43356	3.44341	3.45325	3.46309
		C17				NONE		GREEN:	86.9725	87.2225	87.4725	87.7225	87.9725
									3.42411	3.43396	3.44380	3.45364	3.46348
PAGE # 229													
11-676	4	89.000	68.30	34.00	0.60	1.50	66.50	89.000	Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.504	2.689	1.339	0.024	0.059	2.618		mm	mm	mm	mm	mm
PISTON RING #		Total Clearance				1.50		YELLOW:	88.9775	89.2275	89.4775	89.7275	89.9775
SWN30118		mm	inch			0.059			3.50305	3.51289	3.52274	3.53258	3.54242
		-0.04	-0.00157			2.80	21.00	RED:	88.9675	89.2175	89.4675	89.7175	89.9675
						0.110	0.827		3.50266	3.51250	3.52234	3.53219	3.54203
		Cir Clip						BLUE:	88.9625	89.2125	89.4625	89.7125	89.9625
		SURFACE TREATMENT				NONE			3.50246	3.51230	3.52215	3.53199	3.54183
		C17				NONE		GREEN:	88.9725	89.2225	89.4725	89.7225	89.9725
									3.50285	3.51270	3.52254	3.53238	3.54222
PAGE # 227													
11-677	4	92.000	63.80	34.80	5.30	1.50	73.00	92.000	Tolerance is +/- (mm inch) : 0.0025 0.00010				
		3.622	2.512	1.370	0.209	0.059	2.874		mm	mm	mm	mm	mm
PISTON RING #		Total Clearance				1.50		YELLOW:	91.9775	92.2275	92.4775	92.7275	92.9775
SWT10103		mm	inch			0.059			3.62116	3.63100	3.64085	3.65069	3.66053
		-0.04	-0.00157			2.80	22.00	RED:	91.9675	92.2175	92.4675	92.7175	92.9675
						0.157	0.866		3.62077	3.63061	3.64045	3.65030	3.66014
		Cir Clip						BLUE:	91.9625	92.2125	92.4625	92.7125	92.9625
		SURFACE TREATMENT				NONE			3.62057	3.63041	3.64026	3.65010	3.65994
		C17				NONE		GREEN:	91.9725	92.2225	92.4725	92.7225	92.9725
									3.62096	3.63081	3.64065	3.65049	3.66033
PAGE # 259													

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	DIA.		inch	inch	inch	inch	inch		
11-678	4	PAGE # 163		85.000	65.30	30.80	3.70	1.20	57.00	85.000 Tolerance is +/- (mm inch) : 0.0025 0.00010					
				3.346	2.571	1.213	-	0.146	0.047	2.244	YELLOW: 84.9775 85.2275 85.4775 85.7275 85.9775 3.34557 3.35541 3.36526 3.37510 3.38494				
		PISTON RING #		Total Clearance								RED: 84.9675 85.2175 85.4675 85.7175 85.9675 3.34518 3.35502 3.36486 3.37470 3.38455			
SWH30383		mm	inch							BLUE: 84.9625 85.2125 85.4625 85.7125 85.9625 3.34498 3.35482 3.36467 3.37451 3.38435					
		-0.04	-0.00157							GREEN: 84.9725 85.2225 85.4725 85.7225 85.9725 3.34537 3.35522 3.36506 3.37490 3.38474					
				Cir Clip		NONE		SURFACE TREATMENT		REMARKS:					
				NONE		NONE		NONE		Measure for CYL 20.00 mm from Bottom of Skirt. Clearance: 0.787 inch					
				C17		NONE									
11-679	4	PAGE # 159		75.000	60.00	30.00	3.50	1.20	56.00	74.980 Tolerance is +/- (mm inch) : 0.0045 0.00018					
				2.953	2.362	1.181	-	0.138	0.047	2.205	YELLOW: 74.9905 75.2405 75.4905 75.7405 75.9905 2.95238 2.96222 2.97207 2.98191 2.99175				
		PISTON RING #		Total Clearance								WHITE: 74.9825 75.2325 75.4825 75.7325 75.9825 2.95207 2.96191 2.97175 2.98159 2.99144			
SWH30362		mm	inch							BLUE: 74.9695 75.2195 75.4695 75.7195 75.9695 2.95156 2.96140 2.97124 2.98108 2.99093					
		-0.04	-0.00157							GREEN: 74.9775 75.2275 75.4775 75.7275 75.9775 2.95187 2.96171 2.97156 2.98140 2.99124					
				Cir Clip		NONE		SURFACE TREATMENT		REMARKS:					
				NONE		NONE		NONE		Measure for CYL 27.00 mm from Bottom of Skirt. Clearance: 1.063 inch					
				J05		NONE									
11-680	4	PAGE # 223		76.000	54.30	29.70	4.70	1.50	52.00	75.980 Tolerance is +/- (mm inch) : 0.01 0.00039					
				2.992	2.138	1.169	-	0.185	0.059	2.047	RED: 75.9700 76.2200 76.4700 76.7200 76.9700 2.99094 3.00079 3.01063 3.02047 3.03031				
		PISTON RING #		Total Clearance								GREEN: 75.9900 76.2400 76.4900 76.7400 76.9900 2.99173 3.00157 3.01142 3.02126 3.03110			
SWN30116		mm	inch							REMARKS:					
		-0.03	-0.00118							Measure for CYL 12.00 mm from Bottom of Skirt. Clearance: 0.472 inch					
				Cir Clip		NONE		SURFACE TREATMENT		CAUTION!!!: Bore diameter is measured before skirt Surface Treatment. To Determine "Bore" to Diameter, add wall clearance of +0.04mm (0.00157") to maximum Bore Size.					
				NONE		NONE		Anodized Head							
				T01		NONE									
11-681	6	PAGE # 229		87.000	67.80	31.85	0.80	1.50	64.00	87.000 Tolerance is +/- (mm inch) : 0.0025 0.00010					
				3.425	2.669	1.254	+	0.031	0.059	2.520	YELLOW: 86.9775 87.2275 87.4775 87.7275 87.9775 3.42431 3.43415 3.44400 3.45384 3.46368				
		PISTON RING #		Total Clearance								RED: 86.9675 87.2175 87.4675 87.7175 87.9675 3.42392 3.43376 3.44360 3.45344 3.46329			
SWN30058		mm	inch							BLUE: 86.9625 87.2125 87.4625 87.7125 87.9625 3.42372 3.43356 3.44341 3.45325 3.46309					
		-0.04	-0.00157							GREEN: 86.9725 87.2225 87.4725 87.7225 87.9725 3.42411 3.43396 3.44380 3.45364 3.46348					
				Cir Clip		NONE		SURFACE TREATMENT		REMARKS:					
				NONE		NONE		NONE		Measure for CYL 10.00 mm from Bottom of Skirt. Clearance: 0.394 inch					
				C17		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	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
11-685	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				1.50		RED:	93.4675	93.7175	93.9675	94.2175	94.4675
SW110185		mm	inch			0.059		3.67982	3.68967	3.69951	3.70935	3.71919	
		-0.04	-0.00157			4.00	22.00	BLUE:	93.4625	93.7125	93.9625	94.2125	94.4625
						0.157	0.866	3.67963	3.68947	3.69931	3.70915	3.71900	
								GREEN:	93.4725	93.7225	93.9725	94.2225	94.4725
								3.68002	3.68986	3.69970	3.70955	3.71939	
								REMARKS:					
								Measure for CYL		10.00 mm	from Bottom of Skirt.		
								Clearance:		0.394 inch			
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				1.50		RED:	93.4675	93.7175	93.9675	94.2175	94.4675
SW110185		mm	inch			0.059		3.67982	3.68967	3.69951	3.70935	3.71919	
		-0.04	-0.00157			4.00	22.00	BLUE:	93.4625	93.7125	93.9625	94.2125	94.4625
						0.157	0.866	3.67963	3.68947	3.69931	3.70915	3.71900	
								GREEN:	93.4725	93.7225	93.9725	94.2225	94.4725
								3.68002	3.68986	3.69970	3.70955	3.71939	
								REMARKS:					
								Measure for CYL		10.00 mm	from Bottom of Skirt.		
								Clearance:		0.394 inch			
11-689	4	76.000	60.70	30.70		1.20	58.00	YELLOW:	75.9775	76.2275	76.4775	76.7275	76.9775
		2.992	2.390	1.209	0.50	0.047	2.283		2.99124	3.00108	3.01093	3.02077	3.03061
PISTON RING #		Total Clearance				1.50		RED:	75.9675	76.2175	76.4675	76.7175	76.9675
SWD10031		mm	inch			0.059		2.99085	3.00069	3.01053	3.02037	3.03022	
		-0.04	-0.00157			3.00	19.00	BLUE:	75.9625	76.2125	76.4625	76.7125	76.9625
						0.118	0.748	2.99065	3.00049	3.01033	3.02018	3.03002	
								GREEN:	75.9725	76.2225	76.4725	76.7225	76.9725
								2.99104	3.00089	3.01073	3.02057	3.03041	
								REMARKS:					
								Measure for CYL		15.00 mm	from Bottom of Skirt.		
								Clearance:		0.591 inch			
11-690	4	81.500	67.00	35.00		1.20	66.00	YELLOW:	81.4775	81.7275	81.9775	82.2275	82.4775
		3.209	2.638	1.378	1.00	0.047	2.598		3.20778	3.21762	3.22746	3.23730	3.24715
PISTON RING #		Total Clearance				1.50		RED:	81.4675	81.7175	81.9675	82.2175	82.4675
SWM31058		mm	inch			0.059		3.20738	3.21722	3.22707	3.23691	3.24675	
		-0.04	-0.00157			3.00	21.00	BLUE:	81.4625	81.7125	81.9625	82.2125	82.4625
						0.118	0.827	3.20719	3.21703	3.22687	3.23671	3.24656	
								GREEN:	81.4725	81.7225	81.9725	82.2225	82.4725
								3.20758	3.21742	3.22726	3.23711	3.24695	
								REMARKS:					
								Measure for CYL		20.00 mm	from Bottom of Skirt.		
								Clearance:		0.787 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	inch	inch	inch	inch
11-691	4	75.500	54.30	31.40	0.70	1.50	47.50	YELLOW:	75.4775	75.7275	75.9775	76.2275	76.4775
		2.972	2.138	1.236	0.028	0.059	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
SWG30017		mm	inch			0.059			2.97116	2.98100	2.99085	3.00069	3.01053
		-0.04	-0.00157			3.00	18.00	BLUE:	75.4625	75.7125	75.9625	76.2125	76.4625
						0.118	0.709		2.97096	2.98081	2.99065	3.00049	3.01033
				Cir Clip				GREEN:	75.4725	75.7225	75.9725	76.2225	76.4725
				NONE					2.97136	2.98120	2.99104	3.00089	3.01073
				C17				REMARKS:	Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch				
PAGE # 167													
11-692	4	85.000	67.00	35.00	2.10	1.20	66.00	YELLOW:	84.9775	85.2275	85.4775	85.7275	85.9775
		3.346	2.638	1.378	0.083	0.047	2.598		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
SWM31071		mm	inch			0.059	21.00		3.34518	3.35502	3.36486	3.37470	3.38455
		-0.04	-0.00157			3.00	0.827	BLUE:	84.9625	85.2125	85.4625	85.7125	85.9625
						0.118			3.34498	3.35482	3.36467	3.37451	3.38435
				Cir Clip				GREEN:	84.9725	85.2225	85.4725	85.7225	85.9725
				NONE					3.34537	3.35522	3.36506	3.37490	3.38474
				C17				REMARKS:	Measure for CYL Clearance: 10.00 mm from Bottom of Skirt. 0.394 inch				
PAGE # 169													
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
SWG30028		mm	inch			0.047	20.00		3.22844	3.23829	3.24813	3.25797	3.26781
		-0.04	-0.00157			2.50	0.787	BLUE:	81.9895	82.2395	82.4895	82.7395	82.9895
						0.098			3.22793	3.23778	3.24762	3.25746	3.26730
				Cir Clip				GREEN:	81.9975	82.2475	82.4975	82.7475	82.9975
				NONE					3.22825	3.23809	3.24793	3.25778	3.26762
				J05				REMARKS:	Measure for CYL Clearance: 24.00 mm from Bottom of Skirt. 0.945 inch				
PAGE # 167													
11-696	4	88.000	82.40	47.60	2.60	2.00	68.00	YELLOW:	87.9805	88.2305	88.4805	88.7305	88.9805
		3.465	3.244	1.874	0.102	0.079	2.677		3.46380	3.47364	3.48348	3.49333	3.50317
PISTON RING #		Total Clearance				2.00		WHITE:	87.9725	88.2225	88.4725	88.7225	88.9725
SDI10101		mm	inch			0.079	27.00		3.46348	3.47333	3.48317	3.49301	3.50285
		-0.1016	-0.00400			4.00	1.063	BLUE:	87.9595	88.2095	88.4595	88.7095	88.9595
						0.157			3.46297	3.47281	3.48266	3.49250	3.50234
				Cir Clip				GREEN:	87.9675	88.2175	88.4675	88.7175	88.9675
				J05					3.46329	3.47313	3.48297	3.49281	3.50266
								REMARKS:	Measure for CYL Clearance: mm from Bottom of Skirt.				
PAGE # 177													

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	MID	
		PAGE #		185									
11-699	4	86.000	71.00	36.00	-	0.70	1.50	YELLOW:	85.9530	86.2030	86.4530	86.7030	86.9530
		3.386	2.795	1.417		0.028	0.059		2.815	3.38398	3.39382	3.40366	3.41350
PISTON RING #		Total Clearance		-	5.50	1.50	RED:	85.9665	86.2165	86.4665	86.7165	86.9665	
		mm	inch		0.22	0.059		3.38451	3.39435	3.40419	3.41404	3.42388	
SWT20048*		-0.04	-0.00157			4.00	22.00	BLUE:	85.9595	86.2095	86.4595	86.7095	86.9595
						0.157	0.866		3.38423	3.39407	3.40392	3.41376	3.42360
		Cir Clip											
				SURFACE TREATMENT									
		T01		NONE									
				REMARKS:									
				Measure for CYL Clearance: 18.00 mm from Bottom of Skirt.									
				0.709 inch									