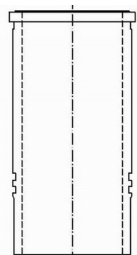
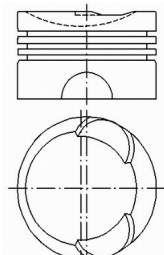
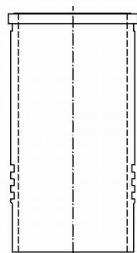
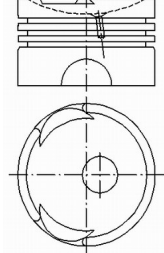
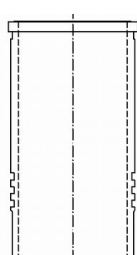
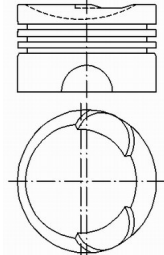


Liner Kit For CATERPILLAR



							
1160/3160 Ø114.3 8 cyl. 636 CID~10.4L Piston : Liner : Piston Pin:7N9803 Retainer:8N7294		CL14E01 9N6275 Length 196.85 O/D 119.063 Flange Dia. Flange Height		CP14E01 9L7737 Length Comp. Height Pin Dia. 38.10 Length 81.46		2W8265 1st 3.175 2nd 2.778	
D330 Ø114.3 4 cyl. 350 CID~5.7L Piston : Liner : Piston Pin:7N9804 Retainer:9H4015 Liner O-Ring:3S3977 Ring:3S4027,3S4026,9S4867		CL14F01 8S2240  Length 264.00 O/D 131.80 Flange Dia. 139.30 Flange Height 10.20 +1.00		CP14F01 2M5558 Length 139.7 Comp. Height 95.6 Pin Dia. 38.1 Length 95.0 		3S4029 1st 3.16 2nd 2.385 Oil 5.543	
3304 Ø120.65 4 cyl. 3306 6 cyl. 425 CID~7.0L(3304) 638 CID~10.5L(3306) Piston : Dual Alfin with heat plug. Liner :Induction hardened Piston Pin:7N9805 Retainer:1S9543 Liner O-Ring:5S6670*3pc 2W6134*1pcs Ring:9S3029,5S6750,9S7788		CA20F01 CL20F01 1105800 2P8889  Length 253.88 O/D 134.35 Flange Dia. 142.87 Flange Height 10.28 +1.02		CP20F01-A 9N5250 Length 115.06 Comp. Height 73.91 Pin Dia. 43.18 Length 94.9 		CR20F01 9S3068 1st 3.16 2nd 2.385 Oil 5.543	
3304 Ø120.65 4 cyl. 3306 6 cyl. 425 CID~7.0L(3304) 638 CID~10.5L(3306) Piston : Single Alfin(8N3180) Dual Alfin(8N3182). Liner :Induction hardened Piston Pin:7N9804 Retainer:9H4015 Liner O-Ring:5S6670*3pc 2W6134*1pcs Ring:9S3029,5S6750,9S7788		CA20F02 CL20F01 1105800 2P8889  Length 253.88 O/D 134.35 Flange Dia. 142.87 Flange Height 10.28 +1.02		CP20F02-A 8N3180 CP20F03-A 8N3182 Length 115.06 Comp. Height 73.91 Pin Dia. 38.128 Length 95.0 		CR20F01 9S3068 1st 3.16 2nd 2.385 Oil 5.543	
Suffix Code : Piston A =Alfin D =Head Anodizing M =MoS2 Coating N =Nitrided O =Oil Gallery T =Tin Plating Liner C =Chrome plating F =F/F IH =Induction Harden N =Nitrided P =Phosphated S =S/F U =Copper plating							

Liner Kit For CATERPILLAR



3304 Ø120.65 4 cyl. 3306 6 cyl. 425 CID~7.0L(3304) 638 CID~10.5L(3306) Piston :Alfin Liner :Induction hardened Piston Pin:7N9805 Retainer:1S9543 Liner O-Ring:5S6670*3pc 2W6134*1pcs Ring:2W1707,2W1708,7E6047			CL20F01 1105800 2P8889 Length 253.88 O/D 134.35 Flange Dia. 142.87 Flange 10.28 Height +1.02	CP20F04-A 1290358 1W6757 Length Comp. Height Pin Dia. 43.18 Length 94.9		2W6091 1st 3.16 2nd 2.385 Oil 3.16
3304 Ø120.65 4 cyl. 3306 6 cyl. 425 CID~7.0L(3304) 638 CID~10.5L(3306) Piston :Alfin Liner :Induction hardened Piston Pin:7N9805 Retainer:1S9543 Liner O-Ring:5S6670*3pc 2W6134*1pcs Ring:2W1707,2W1708,7E6047			CL20F01 1105800 2P8889 Length 253.88 O/D 134.35 Flange Dia. 142.87 Flange 10.28 Height +1.02	CP20F05-A 8N3102 Length 129.91 Comp. Height 73.91 Pin Dia. 43.18 Length 94.9		CR20F02 2W1709 1st 3.12 2nd 3.12 Oil 3.16
3406 Ø137.16 6 cyl. 3408 8 cyl. 3412 12 cyl. 893 CID~14.6L(3406) 1099 CID~18.0L(3408) 1649 CID~27.0L(3412) Piston : Alfin. Liner :Induction hardened Piston Pin:8N1608 Retainer:7E5665 Liner O-Ring:9L5854*1pc 1102220*3pcs Ring:1W9460,2P2817,7N7078		CA37S01	CL37S01-IH 2W6000 Length 274.35 O/D 153.75 Flange Dia. 165.25 Flange 8.92 Height	CP37S01-A 9Y4004 Length 137.26 Comp. Height 88.32 Pin Dia. 51.46 Length 111.25		CR37S01 1W8922 1st 3.969K 2nd 3.175K Oil 3.175
3406 Ø137.16 6 cyl. 3408 8 cyl. 3412 12 cyl. 893 CID~14.6L(3406) 1099 CID~18.0L(3408) 1649 CID~27.0L(3412) Piston : Alfin. Liner :Induction hardened Piston Pin:8N1608 Retainer:7E5665 Liner O-Ring:9L5854*1pc 1102220*3pcs Ring:1W9460,2P2817,7N7078		CA37S02	CL37S01-IH 2W6000 Length 274.35 O/D 153.75 Flange Dia. 165.25 Flange 8.92 Height	CP37S02-A 9Y7212 Length 137.26 Comp. Height 88.32 Pin Dia. 51.46 Length 111.25		CR37S01 1W8922 1st 3.969K 2nd 3.175K Oil 3.175
Suffix Code : Piston A =Alfin D =Head Anodizing M =MoS2 Coating N =Nitrided O =Oil Gallery T =Tin Plating Liner C =Chrome plating F =F/F IH =Induction Harden N =Nitrided P =Phosphated S =S/F U =Copper plating						

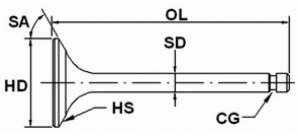
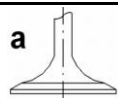
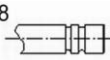
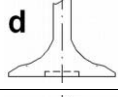
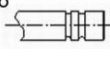
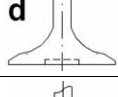
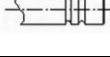
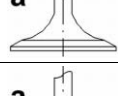
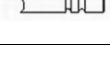
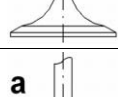
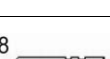
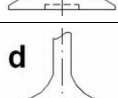
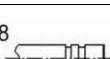
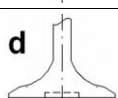
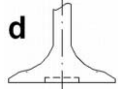
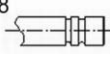
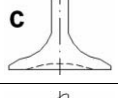
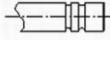
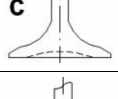
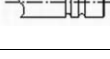
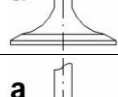
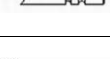
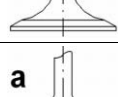
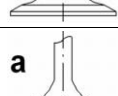
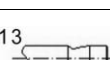
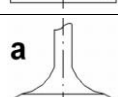
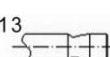
Liner Kit For CATERPILLAR



								
3508	Ø170.18	8 cyl.	CA70E01	CL70E01-IH	CP70E01-AO	CR70E01		
3512		12 cyl.		1238206	9Y4124HD	RS3500D		
3516		16 cyl.		CL70E02-IH				
2105 CID~34.5L(3508), 3173 CID~50.2L(3512) 3948 CID~64.7L(3516)				1106993				
Piston : Dual Alfin & oil gallery.			Length		Length	183.896	1st	4.0K
Liner : Induction hardened			O/D		Comp.	118.91	2nd	4.0K
Piston Pin:1388516			Flange	207.01	Height	-14.021	Oil	5.0
Retainer:8N7296			Dia.	(211.632)	Pin Dia.	69.977		
Liner O-Ring:8N4707*1pc 7N2046*3pcs			Flange	12.649	Length			
			Height					

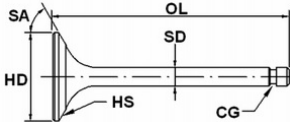
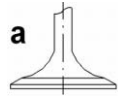
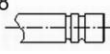
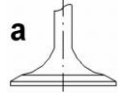
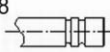
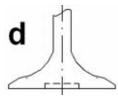
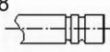
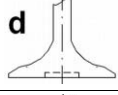
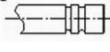
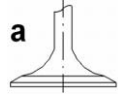
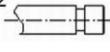
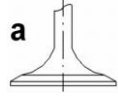
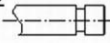
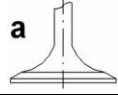
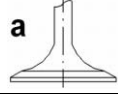
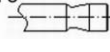
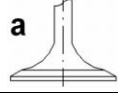
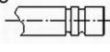
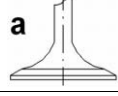
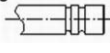
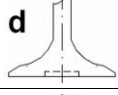
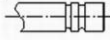
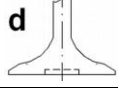
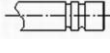
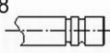
Engine Valve for CATERPILLAR



Engine Code	Vehicle Model Chassis Type	O.E. Part NO.	IN EX							
				HD	OL	SD	SA	HS	CG	
3304 D330C 3306 D333C	3304/D330C 7.0L,425 CID 4 cylinder 3306/D333C 10.5L,638 CID 6 cylinder Bore :4.75"	IDI: Natural	5S6452	IN	51.308 2.02"	139.95 5.51"	9.44 0.3717"	60°		
		IDI:Turbo, Spark ignited short.	7S8809,9N6117 2W2621,4W1670	IN Stellite	51.308 2.02"	139.95 5.51"	9.44 0.3717"	60°		
		IDI:Turbo, Natural	7S6767 8N0875	EX Stellite	48.15 1.896"	138.91 5.469"	9.44 0.3717"	60°		
			5S7232	EX	48.2	139.0	9.44 0.3717"	60°		
		IDI: Natural	5S6449 Can use 8N0875	EX	48.15 1.896"	138.91 5.469"	9.44 0.3717"	60°		
3204 1140 3140 1145 3145 1150 3150 1160 3160 3208	3204 5.2L 318 CID 4 cylinder 1140/3140/1145 /3145 8.6L 552 CID 8 cylinder 1150/3150 9.4L 573 CID 8 cylinder 3208/1160/3160 10.4L 636 CID 8 Cylinder Bore:4.50"	Non-turbo	9L7682 9L9851	IN	53.187 2.094"	144.73 5.698"	9.46 0.3725"	60°		
		Non-turbo	9N0180	IN	48.11 1.894"	144.8 5.701"	9.448 0.372"	60°		
		Non-turbo	9L7683 9L9244	EX	45.82 1.804"	144.6 5.693"	9.436 0.3715"	45°		
		Non-turbo	9N0185	EX	45.75 1.801"	144.73 5.698"	9.448 0.372"	45°		
		Turbo engine	9N5125 1196772	EX Stellite	45.82 1.804"	144.35 5.683"	9.436 0.3715"	45°		
1670 D330 1673 D333	1670/D330 5.7L 350 CID 4 Cylinder 1673/D333 8.6L 525 CID 6 Cylinder Bore:4.50"		7M7358	IN	48.31 1.895"	166.7 6.563"	9.44 0.3717"	60°		
			7M7360 9M4163	EX Stellite	44.96 1.770"	166.7 6.563"	9.45 0.372"	60°		
			7M7359	EX	45.05	166.6	9.44	60°		
D353 D379 D398 D399	D353 24.2L 1473 CID 6 Cylinder D379 32.2L 1964 CID 8 Cylinder D398 48.8L 2976 CID 12 Cylinder D399 64.4L 3928 CID 16 Cylinder		7M7817 6H3186 1M7452 4H9805	IN	63.5 2.505"	238.5	12.57 0.4955"	60°		
			8H7097 6H3187 4H9804 4N6883 8N3723 3N1141	EX	59.53 2.34"	238.52	12.58 0.4955"	60°		
D339 D342 D364 D375 D386 D397	D339 13.6L 831CID 4 Cylinder D342 20.4L 1246 CID 6 Cylinder D364/D375 27.3L 1662 CID 8 Cylinder D386/D397 40.9L 2493 CID 12Cylinder,Bore:5.75"		8H1993 7F5310	IN	59.51 2.343"	236.14 9.297"	12.585 0.4955"	45°		
			8H1994 7F4784 5F8365 1H9292	EX	57.96 2.282"	235.36 9.266"	12.585 0.4955"	45°		

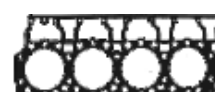
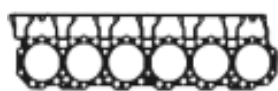
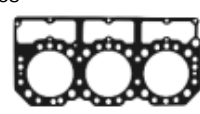
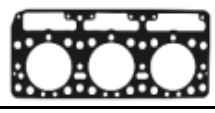
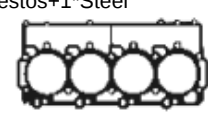
Engine Valve for CATERPILLAR



Engine Code	Vehicle Model Chassis Type		O.E. Part NO.	IN EX							
					HD	OL	SD	SA	HS	CG	
3406 3408 3412	3406 14.6L 893 CID 6 Cylinder 3408 18.0L 1099 CID 8Cylinder 3412 27.0L 1649 CID 12Cylinder Bore:5.4"	C Series Engine	1152368 1085902 4N5654 2W2622 1W3859	IN	44.98 1.771"	181.36 7.14"	9.44	60°			
			1152367 1061111 4N5853 7N4580 1W3860 4N5653 7N2271	EX	41.81 1.646"	181.15 7.132"	9.5	45°			
1673C	1673C 10.5L 638 CID 6Cylinder Bore:4.75		7S8809,9N6117 2W2621,4W1670	IN Stellite	51.308 2.02"	139.95 5.51"	9.44 0.3717"	60°			
			7S6767 8N0875	EX Stellite	48.15 1.896"	138.91 5.469"	9.44 0.3717"	60°			
1674 D334 D336 1676	D334/1674 10.5L 638 CID 6 Cylinder Bore:4.75 D336/1676 11.5L 700 CID 8 Cylinder Bore:4.50		2S8143 7S2514	IN	36.32 1.43"	147.32 5.8"	7.875	45°			
			1S2903	EX	34.8 1.37"	147.32 5.8"	7.87	45°			
D7 D8			2A3447 2A3497	IN	60.32	228.5	12.5	45°			
			6F4922	EX	60.33	228.19	12.5	45°			
D340	595 CID,9.8L 4 cyl.		1P0407 2M6402	IN	45.0	152.35	9.44	45°			
			1P1081 2M6403	EX	41.80	152.4	9.44	45°			
3304T	425 CID,7.0L 4cyl.		6N9915 7N0572 2W2620	IN Stellite	51.35 2.02"	136.3 5.35"	9.44 0.3717"	60°			
			1007861 6N9916 7N0573	EX	48.1 1.896"	134.8 5.285"	9.44 0.3717"	60°			
1140 3140	552 CID,8.6L 8cyl.		1196772 9N5125	EX	1.804"	5.683"	0.3715"	45°			

Gasket & Full Set for CATERPILLAR



Engine	Description	Full Set	Head Set	Cylinder Head Gasket
3304DI	CATERPILLAR CAT 950/930T D4E	.	.	S2001 4P8915 Non-Asbestos 
3304PC	CATERPILLAR CAT 955/920/ D4/D5	.	.	S2002 7N7386 Non-Asbestos 
3306DI	CATERPILLAR CAT 1118015 966R D6E 120B 32CUP	.	.	S2003 7E6167 Non-Asbestos 
3306PC	CATERPILLAR CAT 966/927/627/D6C/D	.	.	S2004 6N7263 Non-Asbestos 
	CATERPILLAR	.	.	S2005 Non-Asbestos 
	CATERPILLAR	.	.	S2006 Non-Asbestos 
	CATERPILLAR	.	.	S2007 Non-Asbestos 
	CATERPILLAR	.	.	S2008 Non-Asbestos 
3208	CATERPILLAR	.	.	S2009 2*Non-Asbestos+1*Steel 

Gasket & Full Set for CATERPILLAR



Engine	Description	Full Set	Head Set	Cylinder Head Gasket
6L3066	CATERPILLAR	.	.	S2010 Non-Asbestos