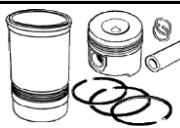


PERKINS



ENGINE: 1004-4
4.40

BORE: 3.938"	4 Cyl	Diesel	Notes: NA, Gear Driven Water Pump, Quadram Piston, Liners w/Fire Dam, No Balancer
APPLICATION: Forklifts: Clark C500Y110, C500Y120, C500Y130, C500Y135, C500Y150, C500Y155 (AA35070); Gensets: Prime Power Unknown (AA37530); Unknown (AA35070);			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	974479	In-Frame Kit					I
	1	975479	Out-of-Frame Kit				O	
	1	976479	Major Kit			M		
	1	977479	Premium Kit (979149 Dual Spring Valve Train Kit Included)		P			
	4	171557	Sleeve & Piston Assembly, 1st Design		P	M	O	I
	4	171558	Sleeve & Piston Assembly, 2nd Design					
	4	171173	Piston Kit, 1st Design (Includes Rings)					
	4	171395	Piston Kit, 2nd Design (Includes Rings)					
	4	171367	Cylinder Liner (Flange/Finished/Fire Dam/4.1035" OD) (1)					
	4	171366	Cylinder Liner (Flange/Semi-Finished/FD/4.1055" OD) (2)					
	4	171468	005 Liner Shim					
	4	171193	Piston Ring Set (2-2.5MM 1-4MM) (3)					
	4	171412	Piston Ring Set (2-2.5MM 1-4MM) (4)					
	4	271261	STD Rod Bearing		P	M	O	I
	4	271262	.010 Rod Bearing					
	4	271263	.020 Rod Bearing					
	4	271264	.030 Rod Bearing					
	1	271161	STD Main Set, wo/Thrust Washers		P	M	O	I
	1	271162	.010 Main Set, wo/Thrust Washers					
	1	271163	.020 Main Set, wo/Thrust Washers					
	1	271164	.030 Main Set, wo/Thrust Washers "Additional Sizes (5)"					
	1	271119	STD Thrust Washer Set (Offset Lug)		P	M	O	I
	1	271125	.007 Thrust Washer Set (Offset Lug)					
	1	271126	.010 Thrust Washer Set (Offset Lug)					
	1	371325	Head Gasket Set		P	M	O	I
	1	371155	Head Gasket					
	1	371218	Valve Cover Gasket (Aluminum Cover)					
	1	371221	Valve Cover Gasket (Composite Cover)					
	8	371143	Valve Seal					
	1	371394	Lower Gasket Set wo/Seals		P	M	O	
	1	371393	Timing Cover Gasket					
	1	371167	Pan Gasket Set (Cast Pan / Includes 6 Flange Gaskets)					I
	1	371282	Pan Gasket: AA35070, AA37530 (Steel Pan)					I
	1	371146	Front Crank Seal (Viton Lip Type) (7)		P	M	O	
	1	371145	Rear Crank Seal, Thru U176356H (Viton Lip Type) (8)		P	M	O	
	1	371297	Rear Crank Seal & Housing, After U176356H (9) (10)					
	4	271176	Pin Bushing (1.375" Pin)		P	M		
	1	271127	Cam Bearing (Finished ID)		P	M		
	8	771151	Connecting Rod Bolt		P	M		
	8	771148	Connecting Rod Nut		P	M		
	1	771319	Head Bolt Kit (22 Bolts)					

- (1).010 OS Finished Liner - 171368 (2).020 OS Semi-Finished Liner - 171511 (3)Use w/1st Design Piston U5LL0010/15/17
 (4)Use w/2st Design Piston U5LL0021 (5)Main Bearings: .040 - 271165 / .050 - 271166 / .060 - 271167 (7)Wear Sleeve - 301115
 (8)Lip Seal Housing Gasket - 371187 / Wear Sleeve - 301143 (9)Wear Sleeve - 371366 (10)Not Included In Engine Kits

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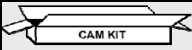
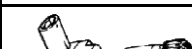
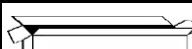
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PERKINS



ENGINE: 1004-4
4.40

BORE: 3.938"	4 Cyl	Diesel	Notes: NA, Gear Driven Water Pump, Quadram Piston, Liners w/Fire Dam, No Balancer
APPLICATION: Forklifts: Clark C500Y110, C500Y120, C500Y130, C500Y135, C500Y150, C500Y155 (AA35070); Gensets: Prime Power Unknown (AA37530); Unknown (AA35070);			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	979523	Camshaft Kit				C
	1	979148	Valve Train Kit: Low Speed Engines (Heads w/Single Springs)		V		
	1	979149	Valve Train Kit: High Speed Engines (Heads w/Dual Springs)		V		
	1	571129	Camshaft				C
	1	271249	Thrust Washer				
	8	571123	Tappet				C
	4	471129	Exhaust Valve (45° / 37.5MM Hd Dia)		V	V	
	4	471115	Intake Valve (45° / 45.0MM Hd Dia)		V	V	
	4	471132	Exhaust Guide		V	V	
	4	471131	Intake Guide		V	V	
	8	471145	Single Valve Spring (6 Coils / 2.0" Free Length)			V	
	8	471144	Outer Valve Spring (8 Coils / 1.8" Free Length)		V		
	8	471143	Inner Valve Spring (9 Coils / 1.7" Free Length)		V		
	8	471229	Spring Seat (Stepped/.640" ID)				
	16	471146	Keeper (Half)		V	V	
	4	471288	Exhaust Seat (1.290 x 1.681 x .374 Stepped Top)				
	4	471289	Intake Seat (1.584 x 2.019 x .285)				
	4	471224	LH Rocker Arm (Adj Screw & Lock Nut Not Included) (12)				
	4	471225	RH Rocker Arm (Adj Screw & Lock Nut Not Included) (12)				
	1	471227	Rocker Arm Shaft (13) "Includes 471176 Plugs"				
	1	571171	Cam Gear (Steel / 56 Teeth)				
	1	571131	Crank Gear (28 Teeth / 1.632" Wide)				
	1	571163	Idler Gear (Steel / 63 Teeth) (14)				
	8	571117	Push Rod				
	1	671114	Oil Pump				
	1	671176	Oil Pump Idler Gear "Incls Bush - 571124"				
	1	671178	Relief Valve Assembly				
	4	671157	Piston Cooling Jet				
	4	671158	Piston Cooling Check Valve				
	1	771181	Crank Kit (Spline Nose / Lip Seal)				
	4	771154	Connecting Rod (1.375" Pin)				
	1	771358	Cylinder Head Assembly (Includes Valves & Springs)				
	1	771359	Expansion Plug Kit (21 Head & Block Plugs)				
	1	871138	Thermostat (2.125" / Bypass)				
	1	871274	Bypass Hose Kit				
	1	871163	Water Pump				
	1	871182	Manifold Heater Plug (Blade Terminal)				
	1	871255	Fuel Pump				

(12)Adjusting Screw-471226 / Lock Nut - 571139

(13)Rocker Arm Shaft Snap Ring - 471228

(14)Includes 2 Bushings - 571144

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