

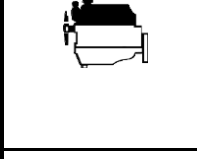
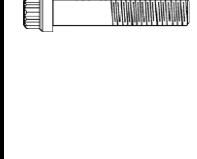
PERKINS



ENGINE: 1006-6
6.60

BORE: 3.938" | 6 Cyl | Diesel | Notes: Natural Aspirated, Quadram Piston, 1.375" Piston Pin Dia, Most "YA" Build Lists

APPLICATION: Combine: Claas; Dump Truck: JCB 712; Forklifts: Hyster, Lancer Boss, Taylor; Log Shear: Morbark;
Tractor: MF 396, 399 (YA31240); 3095 (YA31230, YA31250); 6170 Thru F014037 (YA31250);
Tractor: MF 3120 (YA31232); 4260 (YA31315, YA31396); 4270 (YA31301, YA31397); Wheel Loader: JCB 425;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	974473	In-Frame Kit					I
	1	975473	Out-of-Frame Kit				O	
	1	976473	Major Kit			M		
	1	977473	Premium Kit (979162 Dual Spring Valve Train Kit Included)		P			
	6	171172	Sleeve & Piston Assembly, 1st Design	P	M	O	I	
	6	171386	Sleeve & Piston Assembly, 2nd Design					
	6	171173	Piston Kit, 1st Design (Includes Rings)					
	6	171395	Piston Kit, 2nd Design (Includes Rings)					
	6	171266	Cylinder Liner (Flange/Finished/No Fire Dam/4.1035" OD) (1)					
	6	171365	Cylinder Liner (Flange/Semi-Finished/No FD/4.1055" OD) (2)					
	6	171193	Piston Ring Set (2-2.5MM 1-4MM) (3)					
	6	171412	Piston Ring Set (2-2.5MM 1-4MM) (4)					
	6	271261	STD Rod Bearing	P	M	O	I	
	6	271262	.010 Rod Bearing					
	6	271263	.020 Rod Bearing					
	6	271264	.030 Rod Bearing					
	1	271191	STD Main Set, wo/Thrust Washers	P	M	O	I	
	1	271192	.010 Main Set, wo/Thrust Washers					
	1	271193	.020 Main Set, wo/Thrust Washers					
	1	271194	.030 Main Set, wo/Thrust Washers					
	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	371451	Head Gasket Set	P	M	O	I	
	1	371324	Head Gasket (5)					
	1	371219	Valve Cover Gasket (Aluminum Cover)					
	1	371148	Valve Cover Gasket (Composite Cover)					
	12	371143	Valve Seal					
	1	371454	Lower Gasket Set wo/Seals	P	M	O		
	1	371393	Timing Cover Gasket					
	1	371181	Pan Gasket Set (.032" Composite) "Pan Gkt Only - 371182"					I
	1	371362	Pan Gasket, Optional (.048" Perforated Metal Core)					
	1	371146	Front Crank Seal (Viton Lip Type) (7)	P	M	O		
	1	371145	Rear Crank Seal, Thru U764751H (Viton Lip Type) (8)	P	M	O		
	1	371297	Rear Crank Seal & Housing, After U764751H (9) (10)					
	6	271176	Pin Bushing (1.375" Pin)	P	M			
	1	271127	Cam Bearing (Finished ID)	P	M			
	12	771151	Connecting Rod Bolt	P	M			
	12	771148	Connecting Rod Nut	P	M			
	6	771154	Connecting Rod (1.375" Pin)					
	1	771343	Head Bolt Kit (32 Bolts)					
	1	771437	Exhaust Manifold Stud & Nut Kit					

(1).010 OS Finished Liner - 171267 (2).020 OS Semi-Finished Liner - 171516 (3)Use w/1st Design Piston U5LL0010/15/17
(4)Use w/2nd Design Piston U5LL0021 (5)Optional Thin Head Gasket (Cold Climate) - 371453 (7)Wear Sleeve - 301115
(8)Lip Seal Housing Gasket - 371187 / Wear Sleeve - 301143 (9)Wear Sleeve - 371366 (10)Not Included In Engine Kits

PK-365-A

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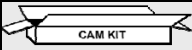
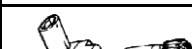
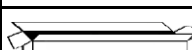
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	979526	Camshaft Kit				C
	1	979161	Valve Train Kit: Low Speed Engines (Heads w/Single Springs)		V		
	1	979162	Valve Train Kit: High Speed Engines (Heads w/Dual Springs)		V		
	1	571183	Camshaft "M12 x 45MM Cam Bolt - 771363"				C
	1	271249	Thrust Washer				
	12	571123	Tappet				C
	6	471129	Exhaust Valve (45° / 37.5MM Hd Dia)		V	V	
	6	471115	Intake Valve (45° / 45.0MM Hd Dia)		V	V	
	6	471132	Exhaust Guide		V	V	
	6	471131	Intake Guide		V	V	
	12	471145	Single Valve Spring (6 Coils / 2.0" Free Length)			V	
	12	471144	Outer Valve Spring (8 Coils / 1.8" Free Length)		V		
	12	471143	Inner Valve Spring (9 Coils / 1.7" Free Length)		V		
	12	471229	Spring Seat (Stepped/.640" ID)				
	24	471146	Keeper (Half)		V	V	
	6	471288	Exhaust Seat (1.290 x 1.681 x .374 Stepped Top)				
	6	471289	Intake Seat (1.584 x 2.019 x .285)				
	6	471224	LH Rocker Arm (Adj Screw & Lock Nut Not Included) (12)				
	6	471225	RH Rocker Arm (Adj Screw & Lock Nut Not Included) (12)				
	1	471345	Rocker Arm Shaft (13) "Includes 471176 Plugs"				
	1	571171	Cam Gear: Except YA50339 (Steel / 56 Teeth)				
	1	571131	Crank Gear (28 Teeth / 1.632" Wide)				
	1	571163	Idler Gear (Steel / 63 Teeth) (14)				
	12	571117	Push Rod				
	1	671131	Oil Pump: Except YA31301, KA31315 After 7-27-01				
	1	671195	Oil Pump Idler Gear "Includes Bush - 571124"				
	1	671196	Relief Valve Assembly: (15)				
	1	671174	Relief Valve Assembly: Except (15)				
	6	671157	Piston Cooling Jet "Check Valve - 671158"				
	1	671169	Oil Cooler: Early (4 Plate/Vertical Studs) (16)				
	1	671197	Oil Cooler: Late (5 Plate/Angled Studs) (17)				
	1	671173	Oil Cooler: Late (8 Plate/Angled Studs) (18)				
	1	671168	Oil Cooler: YA31301, YA31397 After U686429D				
	1	771139	Crank Kit (Keyed Nose / Lip Seal)				
	1	771435	Cylinder Head Assembly (Includes Valves & Springs)				
	1	771436	Expansion Plug Kit (22 Head & Block Plugs)				
	2	871138	Thermostat (2.125" / Bypass)				
	1	871163	Water Pump "Bypass Hose Kit - 871274"				
	1	871182	Manifold Heater Plug (Blade Terminal)				
	1	871167	Fuel Pump				

(12)Adjusting Screw-471226 / Lock Nut - 571139 (13)Rocker Arm Shaft Snap Ring - 471228 (14)Includes 2 Bushings - 571144

(15)YA30600, YA31240, YA35081, YA50296, YA50339, YA70217, YA70245, YA70337, YA80425

(16)YA31230, 35081, 50296, 50339, 50347, 50376, 70245, 80425 Thru U647520C; YA50532 Thru U786028J; YA30600, YA50214

(17)YA31230, YA35081, YA50296, YA50339, YA50347, YA50376, YA70245, YA80425 U647521C-U714388E; YA50532 After U786028J

(18)YA31230, YA35081, YA50296, YA50339, YA70245, YA80425 After U714388E

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