

PERKINS



ENGINE: 4.203 Diesel
Indirect Injection (Regular)

BORE: 3.602" 4 Cyl Diesel NOTES: Cast Liner, .150" Flange, Flat Top Piston, 19 Head Stud/Bolt, Vertical Nozzles

APPLICATION: Allis Chalmers Forklifts: ACP40, ACP50 (JD22533); 40, 50 (JD22458); 700, 706, 706B (JD22028)

Industrial Engines: Forklifts & Misc Equipment (JG00393)

Yale Forklifts: Unknown (JD22662);

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	974213	In-Frame Kit					I
	1	975213	Out-of-Frame Kit				O	
	1	976213	Major Kit			M		
	1	977213	Premium Kit (Valve Train Kit Included)		P			
	4	171113	Sleeve & Piston Assembly (Topped Piston / Finished Liner)		P	M	O	I
	4	171142	Piston Kit (Topped w/Pin & Chrome Rings) (1)					
	4	171223	Piston Assembly (Topped) (2)					
	4	171129	STD Cylinder Liner (Finished/Slip Fit) (3)					
	4	171211	STD Cylinder Liner (Semi-Finished/Press Fit) (4)					
	4	171429	.005 Liner Shim					
	4	171261	Piston Ring Set, Chrome (2-3/32 1-1/8 2-1/4)					
	4	271231	STD Rod Bearing		P	M	O	I
	4	271232	.010 Rod Bearing					
	4	271233	.020 Rod Bearing					
	4	271234	.030 Rod Bearing					
	4	271235	.040 Rod Bearing					
	4	271236	.050 Rod Bearing					
	4	271237	.060 Rod Bearing					
	1	271181	STD Main Bearing Set, wo/Thrust Washers		P	M	O	I
	1	271182	.010 Main Bearing Set, wo/Thrust Washers					
	1	271183	.020 Main Bearing Set, wo/Thrust Washers					
	1	271184	.030 Main Bearing Set, wo/Thrust Washers					
	1	271185	.040 Main Bearing Set, wo/Thrust Washers					
	1	271186	.050 Main Bearing Set, wo/Thrust Washers					
	1	271187	.060 Main Bearing Set, wo/Thrust Washers					
	1	271111	STD Thrust Washer Set (.122") "Rope Block w/New Crk (5)"		P	M	O	I
	1	271131	.005 Thrust Washer Set (.127" Thick)					
	1	271132	.007 Thrust Washer Set (.129" Thick)					
	1	271133	.010 Thrust Washer Set (.132" Thick)					
	1	371228	Head Gasket Set		P	M	O	I
	1	371231	Head Gasket					
	1	371232	Valve Cover Gasket					
	1	371237	Lower Gasket Set wo/Seals		P	M	O	
	1	371235	Fuel Line Seal Kit (23 Seals & Washers) "Not In Gkt Sets"		P	M	O	
	1	371238	Pan Gasket Set (Industrial Pan Not Bolted To Timing Cover)					I
	1	371233	Front Crank Seal		P	M	O	
	1	371185	Rear Crank Seal Kit, Thru U74102C (10) (Rope Type)		P	M	O	
	1	771162	Rear Crank Seal Housing, Thru U74102C (10) (Rope Type)					
	1	371145	Rear Crank Seal, After U74102C (10) (Viton Lip Type)		P	M	O	
	4	271175	Pin Bushing		P	M		
	1	271189	Cam Bearing		P	M		
	8	771153	Connecting Rod Bolt		P	M		
	8	771152	Connecting Rod Nut		P	M		
	1	771219	Head Stud/Bolt & Nut Kit					

(1)Untopped Piston Kit - 171435 (2)Untopped Piston Assembly - 171432 (3)Oversize Finished Liners: .010 - 171356 / .030 - 171357

(4)Oversize Semi-Finish Liners: .010 - 171139 / .030 - 171212 / .050 - 171112 / .100 - 171213 (5)2-.090 & 2-.122 Washers - 271179

PK-203-F

10/4/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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PERKINS



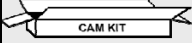
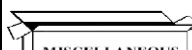
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Yale Forklifts: Unknown (JD22662);

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	979511	Camshaft Kit					C
	1	979116	Valve Train Kit				V	
	1	571136	Camshaft					C
	1	571137	Camshaft Thrust Plate					
	8	571125	Tappet, wo/Adjusting Screw					C
	8	571138	Adjusting Screw (6)					
	4	471121	Exhaust Valve (1.319 Hd Dia / 4.504 OAL / 45°) (7)				V	
	4	471117	Intake Valve (1.535 Hd Dia / 4.504 OAL / 45°)				V	
	8	471127	Valve Guide				V	
	8	471138	Outer Valve Spring				V	
	8	471139	Inner Valve Spring "Not Used On JD22028"				V	
	8	471166	Spring Seat, Dual Spring "For Single Spring Use 471179"				V	
	8	471167	Spring Retainer					
	16	471168	Keeper (Half)				V	
	4	471171	Exhaust Seat, Stepped OEM (1.188 x 1.625 x .250 x 45°)					
	4	401132	Exhaust Seat (1.188 x 1.437 x .219 x 45°)					
	4	471172	Intake Seat, Stepped OEM (1.375 x 1.875 x .250 x 45°)					
	4	401128	Intake Seat (1.375 x 1.625 x .219 x 45°)					
	4	471173	LH Rocker Arm					
	4	471174	RH Rocker Arm					
	1	471175	Rocker Arm Shaft (8) (9)					
	1	471178	Rocker Arm Oil Line Assembly					
	1	571141	Cam Gear (52 Teeth)					
	1	571127	Crank Gear (26 Teeth)					
	1	571147	Upper Idler Gear (43 Teeth)					
	1	571143	Lower Idler Gear					
	4	571144	Idler Gear Bushing					
	2	571145	Idler Gear Hub					
	1	571146	Fuel Injection Pump Gear					
	1	671111	Oil Pump (Idler Gear Not Included)					
	1	671133	Oil Pump Idler Gear					
	1	671137	Oil Pump Idler Gear Bushing					
	1	771163	Crankshaft, After U74102C (10) (Spline Nose / Lip Seal) (11)					
	1	771192	Crank Kit, After U74102C (10) (Spline Nose / Lip Seal) (12)					
	4	771157	Connecting Rod					
	1	771146	Cylinder Head Assembly (Includes Valves & Springs)					
	1	771218	Expansion Plug Kit (Includes 13 Plugs For Head & Block)					
	1	871162	Thermostat					
	1	871179	New Water Pump wo/Pulley					
	1	871182	Manifold Heater Plug (Blade Terminal) "Screw Type-871174"					
	4	871175	Pre-Combustion Chamber					
			(13) Fuel Pumps					

(6)Adj Screw Lock Nut - 571139 (7)Bi-Metal Valve - 471169 (8)Rocker Arm Shaft Plug - 471176 (9)Shaft Snap Ring - 471177

(10)Serial # Break Exceptions: JD22458 - U76356 (11)Early Rope Seal Crank - 771216 (12)Early Rope Seal Crank Kit - 771217

(13)JD22458, JD22533; Late JD22662 - 871181 (4 Bolt) / Early JD22662 - 871132 (2 Bolt) / JD22028 - 871172 (2 Bolt w/Glass Bowl)