

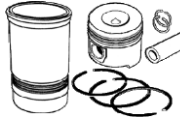
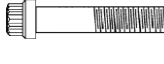
PERKINS



ENGINE: G4.203 GAS / LPG

BORE: 3.602"	4 Cyl	Gas / LPG	Notes:
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APPLICATION: Forklifts: Allis Chalmers 700, 706, 706B, 706C (JF70030) Gerlinger
Forklifts: Yale 2-3T, GDP040, GDP050, GDP060, GDP080 (JF22668)
Trenchers: Ditch Witch; Industrial Engines: G4.203

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	974211	In-Frame Kit					I
	1	975211	Out-of-Frame Kit				O	
	1	976211	Major Kit			M		
	1	977211	Premium Kit (Basic Valve Kit Included)		P			
	4	171124	Sleeve & Piston Assembly (Flanged Finished Liner)		P	M	O	I
	4	171391	Piston Kit w/Rings		P			
	4	171287	Piston Assembly					
	4	171129	STD Cylinder Liner (Finished/Slip Fit) (1)					
	4	171211	STD Cylinder Liner (Semi-Finished/Press Fit) (2)					
	4	171429	.005 Liner Shim					
	4	171254	Piston Ring Set (2-3/32 1-1/4)					
	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 (3)"		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	371249	Head Gasket Set "Head Gasket - 371242"		P	M	O	I
	1	371153	Valve Cover Gasket "Stud Seal - 371245"					
	4	371158	Intake Valve Seal "Not Included In Gasket Sets Or Kits"					
	1	371237	Lower Gasket Set wo/Seals		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 U2335A (Rope Type)		P	M	O	
	1	771162	Rear Crank Seal Housing, Thru U2335A (Rope Type)					
	1	371145	Rear Crank Seal, After U2335A (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	771231	Head Stud/Bolt & Nut Kit					

(1) Oversize Finished Liners: .010 - 171356 / .030 - 171357 (3) Thrust Washer Kit With 2-.090 & 2-.122 Washers - 271179

(2) Oversize Semi-Finished Liners: .010 - 171139 / .030 - 171212 / .050 - 171112 / .100 - 171213

PK-203-A

10/22/2006

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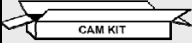
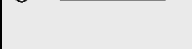
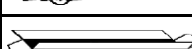
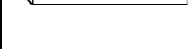
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Trenchers: Ditch Witch; Industrial Engines: G4.203

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	979511	Camshaft Kit					C
	1	979324	Basic Valve Kit				B	
	1	979124	Valve Train Kit				V	
	1	571136	Camshaft					C
	1	571137	Camshaft Thrust Plate					
	8	571125	Tappet, wo/Adjusting Screw					C
	8	571138	Adjusting Screw (4)					
	4	471156	Exhaust Valve (1.319 Hd Dia / 4.508 OAL / 45°)		V		B	
	4	471154	Intake Valve (1.535 Hd Dia / 4.500 OAL / 45°)		V		B	
	8	471151	Valve Guide (2.290" OAL)		V		B	
	8	471138	Outer Valve Spring		V		B	
	8	471139	Inner Valve Spring		V		B	
	8	471185	Spring Seat, Dual Spring		V		B	
	4	471187	Exhaust Rotator		V			
	4	471167	Spring Retainer					
	16	471168	Keeper (Half)		V		B	
	4	471188	Exhaust Seat					
	4	471173	LH Rocker Arm					
	4	471174	RH Rocker Arm					
	1	471175	Rocker Arm Shaft (5) (6)					
	1	571149	Cam Gear (52 Teeth)					
	1	571127	Crank Gear (26 Teeth)					
	1	571147	Upper Idler Gear (43 Teeth)					
	1	571143	Lower Idler Gear, Except JF22007					
	4	571144	Idle Gear Bushing "Upper Only For JF22007"					
	2	571145	Idle Gear Hub					
	1	671111	Oil Pump (Idler Gear Not Included)					
	1	671133	Oil Pump Idler Gear					
	1	671137	Oil Pump Idler Gear Bushing					
	1	771216	Crankshaft, Thru U2335A (Spline Nose / Rope Seal)					
	1	771217	Crank Kit, Thru U2335A (Spline Nose / Rope Seal)					
	1	771163	Crankshaft, After U2335A (Spline Nose / Lip Seal)					
	1	771192	Crank Kit, After U2335A (Spline Nose / Lip Seal)					
	4	771158	Connecting Rod					
	1	771232	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, Except JF22668					
	1	871185	New Water Pump wo/Pulley, JF22669					

(4)Adjusting Screw Lock Nut - 571139

(5)Rocker Arm Shaft Plug - 471176

(6)Rocker Arm Shaft Snap Ring - 471177

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