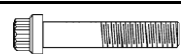


PERKINS



ENGINE: G4.236
Thru U106654N

BORE: 3.877"	4 Cyl	Gas / LPG	Notes: Flanged Liners With Fire Dam
APPLICATION: Forklifts: Clark DCY70, DCY80 (LE21060 w/4 Bolt Fuel Pump);			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	974167	In-Frame Kit					I
	1	975167	Out-of-Frame Kit				O	
	1	976167	Major Kit			M		
	1	977167	Premium Kit (Basic Valve Kit With Guides Included)		P			
	4	171117	Sleeve & Piston Asb (Flanged Finished Liner w/Fire Dam)		P	M	O	I
	4	171288	Piston Assembly					
	4	171128	STD Cylinder Liner (Finished / Fire Dam / 4.063" OD) (1)					
	4	171214	STD Cylinder Liner (Semi-Finished / Fire Dam / 4.065" OD)					
	4	171291	Piston Ring Set (3-3/32 1-1/4)					
	4	271151	STD Rod Bearing		P	M	O	I
	4	271152	.010 Rod Bearing					
	4	271153	.020 Rod Bearing					
	4	271154	.030 Rod Bearing					
	4	271155	.040 Rod Bearing					
	4	271156	.050 Rod Bearing					
	4	271157	.060 Rod Bearing					
	1	271161	STD Main Bearing Set, wo/Thrust Washers		P	M	O	I
	1	271162	.010 Main Bearing Set, wo/Thrust Washers					
	1	271163	.020 Main Bearing Set, wo/Thrust Washers					
	1	271164	.030 Main Bearing Set, wo/Thrust Washers					
	1	271165	.040 Main Bearing Set, wo/Thrust Washers					
	1	271166	.050 Main Bearing Set, wo/Thrust Washers					
	1	271167	.060 Main Bearing Set, wo/Thrust Washers					
	1	271119	STD Thrust Washer Set		P	M	O	I
	1	271125	.007 Thrust Washer Set					
	1	271126	.010 Thrust Washer Set					
	1	371285	Head Gasket Set		P	M	O	I
	1	371116	Head Gasket					
	1	371117	Valve Cover Gasket					
	8	371143	Valve Seal					
	1	371287	Lower Gasket Set wo/Seals (wo/Aux Drive Timing Cover Gkt)		P	M	O	
	1	371295	Timing Cover Gasket Set, w/Auxiliary Drive Hsg (2)					
	1	371282	Pan Gasket					I
	1	371146	Front Crank Seal (Viton Lip Type) (3)		P	M	O	
	1	371161	Rear Crank Seal Kit (Rope Type) (4)		P	M	O	
	1	371186	Rear Seal & Housing Kit (Rope Type) (4)					
	1	371145	Rear Crank Seal: Not Used This Application (Lip Type)		P	M	O	
	4	271238	Pin Bushing (1.000" 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	771282	Head Stud/Bolt & Nut Kit (2 Studs / 20 Bolts)					

(1)OS Finished Liner: .010 - 171194 / .040 - 171359

(2)Not Included In Gasket Sets or Kits

(3)Wear Sleeve - 301115

(4)Rope Seal Housing Gasket - 371288

PK-236-B

6/22/2007

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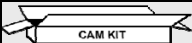
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PERKINS



ENGINE: G4.236
Thru U106654N

BORE: 3.877"	4 Cyl	Gas / LPG	Notes: Flanged Liners With Fire Dam
APPLICATION: Forklifts: Clark DCY70, DCY80 (LE21060 w/4 Bolt Fuel Pump);			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	979517	Camshaft Kit					C
	1	979335	Basic Valve Kit				B	
	1	979317	Basic Valve Kit, w/Guides				B	
	1	979135	Valve Train Kit			V		
	1	979117	Valve Train Kit, w/Guides			V		
	1	571114	Camshaft					C
	1	571162	Cam Bolt Lock Plate					
	1	271249	Camshaft Thrust Washer (1.750 X 2.873 X .217) (5)					
	8	571123	Tappet					C
	4	471211	STD Exhaust Valve (1.440 Hd Dia / 5.000 OAL / 45°) (6)	V	V	B	B	
	4	471215	STD Intake Valve (1.740 Hd Dia / 4.839 OAL / 45°) (7)	V	V	B	B	
	4	471132	Exhaust Guide: After U046510M or Service Repair	V		B		
	4	471131	Intake Guide: After U046510M or Service Repair	V		B		
	8	471134	Outer Valve Spring (8 Coils / 2.500" Free Length)	V	V	B	B	
	8	471133	Inner Valve Spring (9 Coils / 2.000" Free Length)	V	V	B	B	
	8	471219	Spring Seat, Integral Guides "With Service Guides - 471229"	V	V			
	4	471221	Exhaust Rotator	V	V			
	4	471222	Intake Spring Retainer					
	16	471146	Keeper (Half)	V	V	B	B	
	4	471111	Exhaust Seat (1.248 x 1.681 x .374 Stepped Top)					
	4	471224	LH Rocker Arm (Adjusting Screw & Lock Nut Not Included)					
	4	471225	RH Rocker Arm (Adjusting Screw & Lock Nut Not Included)					
	8	471226	Adjusting Screw (8)					
	8	471147	Rocker Arm Bushing "For Arms With Factory Bushings"					
	1	471227	Rocker Arm Shaft (9) "Includes 471176 Plugs"					
	1	571165	Cam Gear (Steel / 56 Teeth)					
	1	571166	Crank Gear (Steel / 28 Teeth)					
	1	571167	Idler Gear (Steel / 63 Teeth)					
	2	571168	Idler Gear Needle Bearing					
	8	571117	Push Rod					
	1	671142	Oil Pump Kit (Gears,Shaft,Plate,Valve,Spring,Cap,Gkts) (10)					
	1	671143	Oil Pump Body, w/LH Oil Filter (Cast Gear Housing)					
	1	671146	Oil Pump Inlet Strainer					
	1	771129	Crank Kit (Spline Nose / Rope Seal)					
	4	771285	Connecting Rod (1.000" Pin)					
	1	771283	Cylinder Head Assembly (Includes Valves & Springs)					
	1	771159	Rear Block Bridge Piece					
	1	771286	Expansion Plug Kit (Includes 19 Plugs For Head & Block)					
	1	771288	Balancer Kit, Early (3 Shafts, 2 Gears, Keys, Plate) (11)					
	1	771287	Balancer Kit, Late (3 Shafts, 2 Gears, Keys, 4 Brgs) (12)					
	1	771165	Balancer Kit, Service (3 Shafts, 2 Gears, Keys, 4 Brgs) (13)					
	2	771197	Balancer Gear, Late (3 Bolt / 1.375 ID / 30T)					
	1	871137	Thermostat (2.750")					
	1	871216	New Water Pump wo/Pulley					

(5).026" OS - 271239 (1.750 X 2.873 X .243 Recessed Face) (6)Oversizes: .003 - 471212 / .015 - 471213 / .030 - 471214
(7)Oversizes: .003 - 471216 / .015 - 471217 / .030 - 471218 (8)Lock Nut - 571139 (9)Rocker Arm Shaft Snap Ring - 471228
(10)Supply 771166 If Drive Spline Is .422 OD (11)Frame w/Bushings (12)Frame w/Needle Brgs (13)Frame w/Grooved Roller Brgs

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