

PERKINS



ENGINE: G3.152 GAS / LPG

BORE: 3.602"	3 Cyl	Gas / LPG	Notes:
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APPLICATION: Forklifts: 2200, 2500 Massey Ferguson;
Tractors: 135, 150 Massey Ferguson;
Wheel Tractors: 20, 40 Massey Ferguson;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	974145	In-Frame Kit					I
	1	975145	Out-of-Frame Kit				O	
	1	976145	Major Kit			M		
	1	977145	Premium Kit (Basic Valve Kit Included)		P			
	3	171124	Sleeve & Piston Assembly (Flanged Finished Liner)		P	M	O	I
	3	171391	Piston Kit w/Rings					
	3	171287	Piston Assembly					
	3	171129	STD Cylinder Liner (Finished/Slip Fit) (1)					
	3	171211	STD Cylinder Liner (Semi-Finished/Press Fit) (2)					
	3	171429	.005 Liner Shim					
	3	171254	Piston Ring Set (2-3/32 1-1/4)					
	3	271231	STD Rod Bearing		P	M	O	I
	3	271232	.010 Rod Bearing					
	3	271233	.020 Rod Bearing					
	3	271234	.030 Rod Bearing					
	3	271235	.040 Rod Bearing					
	3	271236	.050 Rod Bearing					
	3	271237	.060 Rod Bearing					
	1	271251	STD Main Bearing Set, wo/Thrust Washers		P	M	O	I
	1	271252	.010 Main Bearing Set, wo/Thrust Washers					
	1	271253	.020 Main Bearing Set, wo/Thrust Washers					
	1	271254	.030 Main Bearing Set, wo/Thrust Washers					
	1	271255	.040 Main Bearing Set, wo/Thrust Washers					
	1	271256	.050 Main Bearing Set, wo/Thrust Washers					
	1	271257	.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	371251	Head Gasket Set "Head Gasket - 371252"		P	M	O	I
	1	371217	Valve Cover Gasket					
	3	371158	Intake Valve Seal					
	1	371198	Lower Gasket Set wo/Seals "Opt Tach Drive Seal - 371234"		P	M	O	
	1	371255	Pan Gasket Set					I
	1	371233	Front Crank Seal		P	M	O	
	1	371185	Rear Crank Seal Kit (Rope Type)		P	M	O	
	1	771162	Rear Crank Seal Housing (Rope Type)					
	1	371145	Rear Crank Seal, Replacement Block (Viton Lip Type)					
	3	271175	Pin Bushing		P	M		
	6	771153	Connecting Rod Bolt		P	M		
	6	771152	Connecting Rod Nut		P	M		
	1	771233	Head Stud & 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-152-A

12/5/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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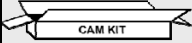
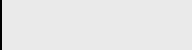
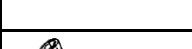
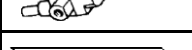
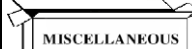
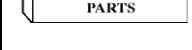
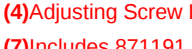
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	979512	Camshaft Kit				C
	1	979325	Basic Valve Kit			B	
	1	979125	Valve Train Kit			V	
	1	571115	Camshaft				C
	1	571152	Camshaft Thrust Spring				
	6	571125	Tappet, wo/Adjusting Screw				C
	6	571138	Adjusting Screw (4)				
	3	471156	Exhaust Valve (1.319 Hd Dia / 4.508 OAL / 45°)		V	B	
	3	471154	Intake Valve (1.535 Hd Dia / 4.500 OAL / 45°)		V	B	
	6	471151	Valve Guide (2.290" OAL)		V	B	
	6	471138	Outer Valve Spring		V	B	
	6	471139	Inner Valve Spring		V	B	
	6	471185	Spring Seat, Dual Spring		V	B	
	3	471187	Exhaust Rotator		V		
	3	471167	Spring Retainer		V		
	12	471168	Keeper (Half)		V	B	
	3	471188	Exhaust Seat				
	3	471173	LH Rocker Arm				
	3	471174	RH Rocker Arm				
	1	471189	Rocker Arm Shaft (5) (6)				
	1	471191	Rocker Arm Oil Line Assembly				
	1	571128	Cam Gear (50 Teeth)				
	1	571121	Crank Gear (25 Teeth)				
	1	571118	Idler Gear (90 Teeth)				
	1	571153	Idler Gear Hub				
	1	671118	Oil Pump (Idler Gear Not Included)				
	1	671116	Oil Pump Idler Gear (21 Teeth)				
	1	671136	Oil Pump Idler Gear Bushing				
	1	771111	Crankshaft (Keyed Nose / Rope Seal)				
	1	771125	Crankshaft Kit (Keyed Nose / Rope Seal)				
	1	771112	Crankshaft, Replacement Block (Keyed Nose / Lip Seal)				
	1	771126	Crankshaft Kit, Replacement Block (Keyed Nose / Lip Seal)				
	1	771235	Balance Weight Bolt Kit (4-2.375" Bolts, 4-Special Washers)				
	3	771158	Connecting Rod				
	1	771234	Expansion Plug Kit (Includes 13 Block & Head Plugs)				
	1	771191	Timing Gear Case Bridge Piece				
	1	871187	Governor Balls & Retainer Assembly				
	1	871188	Governor Cup & Shaft Assembly				
	1	881151	Governor Assembly				
	1	871162	Thermostat				
	1	871155	Water Pump wo/Pulley: 20 Turf; 135 Exc Orchard; 150, 2500				
	1	871189	Water Pump: 20 Turf; 135 Except Orchard; 150, 2500 (7)				
	1	871194	Water Pump wo/Pulley: 20 Industrial; 135 Orchard; 40, 2200				

(4)Adjusting Screw Lock Nut - 571139

(5)Rocker Arm Shaft Plug - 471176

(6)Rocker Arm Shaft Snap Ring - 471177

(7)Includes 871191 Pulley (3 1/8" Hub/Square Bolt Pattern)