

PERKINS



ENGINE: 903.27T Diesel
Turbocharged

BORE: 3.741"	3 Cyl	Diesel	NOTES: Sleeveless Block, Keystone Top Ring, 3 Ring Piston, Re-entrant Bowl
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APPLICATION: Forklifts: Manitou MSI35T (CR81316);
Tractors: Case-IH C60 (CR50626); CX60 (CR50624);
Tractors: MF 263 (CR31357); 2220 (CR80966); 3325 (CR81242); 4320 (CR31293);

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT		
	1	976238	Major Kit (High Grade "X" Pistons)			M
	1	976239	Major Kit (Low Grade "Y" Pistons)		M	
	3	171465	Piston Assembly (High Grade "X" / 2.446" Comp Distance)			M
	3	171466	Piston Assembly (Low Grade "Y" / 2.443" Comp Distance)		M	
	3	171457	Cylinder Liner (Straight / Semi-Finished)		M	
	3	171467	Piston Ring Set (1-3MM K 1-2.0MM 1-4.0MM)		M	M
	3	271129	STD Rod Bearing		M	M
	3	271241	.010 Rod Bearing			
	3	271242	.020 Rod Bearing			
	3	271243	.030 Rod Bearing			
	3	271225	STD Main Bearing Set, wo/Thrust Washers (All Half Groove)		M	M
	1	271226	.010 Main Bearing Set, wo/Thrust Washers (All Half Groove)			
	1	271227	.020 Main Bearing Set, wo/Thrust Washers (All Half Groove)			
	1	271228	.030 Main Bearing Set, wo/Thrust Washers (All Half Groove)			
	1	271111	STD Thrust Washer Set (.122" Thick) (1)		M	M
	1	271131	.005 Thrust Washer Set (.127" Thick) (1)			
	1	271132	.007 Thrust Washer Set (.129" Thick) (1)			
	1	271133	.010 Thrust Washer Set (.132" Thick) (1)			
	1	371272	Head Gasket Set		M	M
	1	371273	Head Gasket			
	1	371274	Valve Cover Gasket			
	6	371275	Valve Seal "Included In Gasket Sets & Kits"			
	1	371279	Lower Gasket Set wo/Seals: Except Below		M	M
	1	371281	Lower Gasket Set wo/Seals: Manitou Forklift (CR81316)		M	M
	1	371276	Lower Gasket Set wo/Seals: CR31293, CR81242;		M	M
	1	371277	Fuel Line Seal Kit, Thru ESN U186029K "Not In Gkt Sets"		M	M
	1	371372	Fuel Line Seal Kit, After ESN U186029K "Not In Gkt Sets"			
	1	371255	Pan Gasket Set: Except Below			
	1	371278	Pan Gasket Set: CR31293, CR81242;			
	1	371233	Front Crank Seal		M	M
	1	371145	Rear Crank Seal (Viton Lip Type)		M	M
	3	271175	Pin Bushing		M	M
	1	271197	Cam Bearing "Not Used In All Engines"		M	M
	6	771153	Connecting Rod Bolt		M	M
	6	771152	Connecting Rod Nut		M	M
	1	771273	Head Stud/Bolt & Nut Kit			

(1)Other Sizes Available

PK-165-M

5/1/2007

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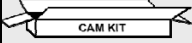
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	979515	Camshaft Kit					C
	1	979134	Valve Train Kit				V	
	1	571161	Camshaft					C
	1	571154	Cam Thrust Spring: Except CR31293, CR81242;					
	6	571158	Tappet					C
	3	471258	Exhaust Valve (1.496 Hd Dia / 4.545 OAL / .275 Stem / 45°)				V	
	3	471259	Intake Valve (1.644 Hd Dia / 4.545 OAL / .275 Stem / 35°)				V	
	6	471251	Valve Guide				V	
	6	471252	Valve Spring				V	
	6	471253	Spring Retainer				V	
	12	471254	Keeper (Half)				V	
	3	471255	Exhaust Seat					
	3	471256	Intake Seat					
	6	471257	Rocker Arm (Includes Adjusting Screw & Nut)					
	6	471261	Rocker Arm Adjusting Screw					
	1	471262	Rocker Arm Shaft (2) (3)					
	1	571151	Cam Gear (Steel / 50 Teeth)					
	1	571121	Crank Gear (25 Teeth)					
	1	571156	Idler Gear (Steel / 90 Teeth)					
	1	571135	Idler Gear Bushing					
	1	571153	Idler Gear Hub					
	6	571159	Push Rod					
	1	671118	Oil Pump (Idler Gear Not Included)					
	1	671116	Oil Pump Idler Gear (21 Teeth)					
	1	671136	Idler Gear Bushing					
	1	671132	Oil Cooler, Thru 3/31/01 (Donut Type)					
	1	671175	Oil Cooler, After 3/31/01 (Donut Type)					
	1	771184	Crankshaft (Keyed Nose / Lip Seal / Tufftrided)					
	1	771267	Crankshaft Kit (Keyed Nose / Lip Seal / Tufftrided)					
	4	771347	Balance Weight Bolt (2.375")					
	3	771158	Connecting Rod					
	1	771348	Cylinder Head Assembly (Includes Valves & Springs)					
	1	771276	Expansion Plug Kit (Includes 13 Plugs For Head & Block)					
	1	771277	Gear Case Bridge: Except CR31293, CR81242;					
	1	871138	Thermostat: CR31357					
	1	871213	Thermostat: (4)					
	1	871212	Thermostat: (5)					
	1	871199	Water Pump wo/Pulley					
	1	871211	Water Pump Pulley: Except CR50626, CR80966					
	1	871182	Manifold Heater Plug (Blade Terminal)					
	1	871196	Fuel Pump: Except CR80966					
	1	871257	Fuel Pump: CR80966					

(2)Shaft Plug - 471176 (3)Shaft Snap Ring - 471263 (4)CR31293 Thru U339332E; CR80966 Thru U338335E;

(5)CR31293 After U339332E; CR80966 After U338335E; CR50624, CR50626, CR81242, CR81316

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