

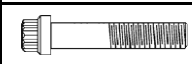
PERKINS



ENGINE: 3A.152 Diesel
Indirect Injection (Regular)

BORE: 3.602" 3 Cyl Diesel NOTES: Cast Liner, .150" Flange, Flat Top Piston, 15 Head Studs, Vertical Nozzles

APPLICATION: MF Tractors: 35, 35X, 50 After ESN 1935853;
MF Wheel Tractors: 35 Utility, 203, 205 After ESN 1935853;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	974162	In-Frame Kit					I
	1	975162	Out-of-Frame Kit				O	
	1	976162	Major Kit			M		
	1	977162	Premium Kit (Valve Train Kit Included)		P			
	3	171113	Sleeve & Piston Assembly (Topped Piston / Finished Liner)		P	M	O	I
	3	171142	Piston Kit (Topped w/Pin & Chrome Rings) (1)		P			
	3	171223	Piston Assembly (Topped) (2)					
	3	171129	STD Cylinder Liner (Finished/Slip Fit) (3)					
	3	171211	STD Cylinder Liner (Semi-Finished/Press Fit) (4)					
	3	171429	.005 Liner Shim					
	3	171261	Piston Ring Set, Chrome (2-3/32 1-1/8 2-1/4)					
	3	171445	Piston Ring Set, Chrome / Early Piston (3-3/32 2-1/4)					
	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" Thick)		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	371258	Head Gasket Set		P	M	O	I
	1	371259	Head Gasket					
	1	371261	Valve Cover Gasket					
	1	371198	Lower Gasket Set wo/Seals		P	M	O	
	1	371262	Fuel Line Seal Kit (29 Seals) "Not In Gasket Sets"					
	1	371255	Pan Gasket Set					I
	1	371263	Strainer Cover Gasket					I
	1	371233	Front Crank Seal "Replace Oil Slinger With Spacer-771199"		P	M	O	
	1	371185	Rear Crank Seal Kit (Rope Type)		P	M	O	
	1	771162	Rear Crank Seal Housing (Rope Type)					
	1	371234	Tach Drive Seal					
	3	271175	Pin Bushing		P	M		
	6	771153	Connecting Rod Bolt		P	M		
	6	771152	Connecting Rod Nut		P	M		
	1	771239	Head Stud & Nut Kit					

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

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

PK-152-C

12/10/2006

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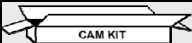
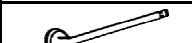
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	979512	Camshaft Kit					C
	1	979114	Valve Train Kit					V
	1	571115	Camshaft					C
	1	571152	Camshaft Thrust Spring					
	6	571125	Tappet, wo/Adjusting Screw					C
	6	571138	Adjusting Screw (5)					
	3	471121	Exhaust Valve (1.319 Hd Dia / 4.504 OAL / 45°)				V	
	3	471117	Intake Valve (1.535 Hd Dia / 4.504 OAL / 45°)				V	
	6	471127	Valve Guide				V	
	6	471138	Outer Valve Spring				V	
	6	471139	Inner Valve Spring "Only Used Thru ESN 19F1998"				V	
	6	471166	Spring Seat, Dual Spring w/471127 Non-Flanged Guide				V	
	6	471179	Spring Seat, Single Spring After ESN 19F1998					
	6	471167	Spring Retainer					
	12	471168	Keeper (Half)				V	
	3	471171	Exhaust Seat, Stepped OEM (1.188 x 1.625 x .250 x 45°)					
	3	401132	Exhaust Seat (1.188 x 1.437 x .219 x 45°)					
	3	471172	Intake Seat, Stepped OEM (1.375 x 1.875 x .250 x 45°)					
	3	401128	Intake Seat (1.375 x 1.625 x .219 x 45°)					
	3	471173	LH Rocker Arm					
	3	471174	RH Rocker Arm					
	1	471189	Rocker Arm Shaft (6) (7) (8)					
	1	571128	Cam Gear (50 Teeth)					
	1	571121	Crank Gear (25 Teeth)					
	1	571118	Idler Gear (90 Teeth) (9)					
	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	771238	Balance Weight Bolt Kit (4-2.750" Bolts, 4-Special Washers)					
	1	771235	Balance Weight Bolt Kit (4-2.375" Bolts, 4-Special Washers)					
	3	771157	Connecting Rod					
	1	771143	Cylinder Head Assembly (Includes Valves & Springs)					
	1	771234	Expansion Plug Kit (Includes 13 Block & Head Plugs)					
	1	771191	Timing Gear Case Bridge Piece					
	1	771185	Timing Cover					
	1	871162	Thermostat					
	1	871155	Water Pump wo/Pulley					
	1	871192	Water Pump w/Pulley (10)					
	1	871174	Manifold Heater Plug					
	3	871175	Pre-Combustion Chamber					
	1	871164	Fuel Pump (2 Bolt With Bowl)					

(5)Adjusting Screw Lock Nut - 571139

(6)Rocker Arm Shaft Plug - 471176

(7)Rocker Arm Shaft Snap Ring - 471177

(8)Oil Line Assembly - 471183

(9)Idler Gear Hub - 571153

(10)Includes 871193 Pulley (2 1/2" Hub / Offset Bolt Pattern)

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