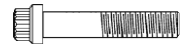


PERKINS



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

BORE: 3.602"	3 Cyl	Diesel	NOTES: Chrome Liner, .045" Flange, Flat Top Piston, 15 Head Studs, Vertical Nozzles
APPLICATION: MF Tractors: 35 After TSN 166595 Thru ESN 1935853; 35X, 50 Thru ESN 1935853; MF Wheel Tractors: 35 Utility, 203, 205 Thru ESN 1935853;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	974159	In-Frame Kit (Offset Thrust Washer Lug) (1)				I
	1	974161	In-Frame Kit (Centered Thrust Washer Lug) (2)				I
	1	975159	Out-of-Frame Kit (Offset Thrust Washer Lug) (1)		O		
	1	975161	Out-of-Frame Kit (Centered Thrust Washer Lug) (2)		O		
	3	171122	Sleeve & Piston Assembly (Chromed Steel Liner) (3)		O	O	I
	3	171148	Piston Kit (Topped w/Pin & Cast Rings) (4)				I
	3	171223	Piston Assembly (Topped) (5)				
	3	171133	STD Cylinder Liner (Chromed Steel) (6)				
	3	171354	.005 Oversize Cylinder Liner (Chromed Steel)				
	3	171355	.010 Oversize Cylinder Liner (Chromed Steel)				
	3	171429	.005 Liner Shim				
	3	171273	Piston Ring Set, Cast (2-3/32 1-1/8 2-1/4)				
	3	171433	Piston Ring Set, Cast / Early Piston (3-3/32 2-1/4)				
	3	271231	STD Rod Bearing		O	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		O	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	271158	STD Thrust Washer Set (.122" Thick / Offset Lug) (1)			O	I
	1	271159	.007 Thrust Washer Set (.129" Thick / Offset Lug) (1)				
	1	271111	STD Thrust Washer Set (.122" Thick / Centered Lug) (2)		O		I
	1	271131	.005 Thrust Washer Set (.127" Thick / Centered Lug) (2)				
	1	271132	.007 Thrust Washer Set (.129" Thick / Centered Lug) (2)				
	1	271133	.010 Thrust Washer Set (.132" Thick / Centered Lug) (2)				
	1	371258	Head Gasket Set		O	O	I
	1	371259	Head Gasket				
	1	371261	Valve Cover Gasket				
	1	371198	Lower Gasket Set wo/Seals "Opt Tach Drive Seal - 371234"		O	O	
	1	371262	Fuel Line Seal Kit (29 Seals) "Not In Gasket Sets"				
	1	371255	Pan Gasket Set "Strainer Cover Gasket - 371263"				I
	1	371233	Front Crank Seal "Replace Oil Slinger With Spacer-771199"		O	O	
	1	371185	Rear Crank Seal Kit (Rope Type) "Seal Housing - 771162"		O	O	
	3	271175	Pin Bushing				
	6	771153	Connecting Rod Bolt				
	6	771152	Connecting Rod Nut				
	1	771237	Head Stud & Nut Kit				

(1)Thru ESN 1805242 & ESN 1807223-1807328

(2)ESN 1805243-1807222 & ESN 1807329-1935853

(3)Cast Alternate - 171156

(4)Untopped Piston Kit - 171431

(5)Untopped Piston Assembly - 171432

(6)Cast Alternate - 171434

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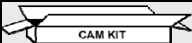
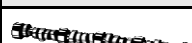
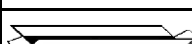
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PERKINS



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

BORE: 3.602"	3 Cyl	Diesel	NOTES: Chrome Liner, .045" Flange, Flat Top Piston, 15 Head Studs, Vertical Nozzles
APPLICATION: MF Tractors: 35 After TSN 166595 Thru ESN 1935853; 35X, 50 Thru ESN 1935853; MF Wheel Tractors: 35 Utility, 203, 205 Thru ESN 1935853;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	979512	Camshaft Kit					C
	1	979113	Valve Train Kit, Thru ESN 1846219 (Original Flanged Guides)			V		
	1	979114	Valve Train Kit (Upgraded & Late Non-Flanged Guides)			V		
	1	571115	Cam "Thru 1876600 May Require Gear Hsg Modifications"					C
	1	571152	Camshaft Thrust Spring					
	6	571125	Tappet, wo/Adjusting Screw					C
	6	571138	Adjusting Screw (7)					
	3	471121	Exhaust Valve (1.319 Hd Dia / 4.504 OAL / 45°)		V		V	
	3	471117	Intake Valve (1.535 Hd Dia / 4.504 OAL / 45°)		V		V	
	6	471165	Valve Guide, Thru ESN 1846219 (Flanged)				V	
	6	471127	Valve Guide (Plain) "Use w/Spring Seat To Replace 471165"		V			
	6	471138	Outer Valve Spring		V		V	
	6	471139	Inner Valve Spring "Only Used Thru ESN 19F1998"		V		V	
	6	471166	Spring Seat, Dual Spring w/471127 Non-Flanged Guide					
	6	471179	Spring Seat, Single Spring After ESN 19F1998					
	6	471167	Spring Retainer					
	12	471168	Keeper (Half)		V		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 (8) (9) (10)					
	1	571128	Cam Gear (50 Teeth)					
	1	571121	Crank Gear (25 Teeth)					
	1	571118	Idler Gear (90 Teeth) (11)					
	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/Centered Thrust Lug)					
	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, After ESN 1876600					
	1	871162	Thermostat					
	1	871155	Water Pump wo/Pulley					
	1	871192	Water Pump w/Pulley (12)					
	1	871174	Manifold Heater Plug					
	3	871175	Pre-Combustion Chamber					
	1	871164	Fuel Pump (2 Bolt With Bowl)					

(7)Adjusting Screw Lock Nut - 571139

(8)Rocker Arm Shaft Plug - 471176

(9)Rocker Arm Shaft Snap Ring - 471177

(10)Oil Line Assembly - 471183

(11)Idler Gear Hub - 571153

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

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