

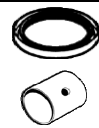
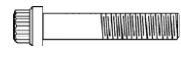
PERKINS



ENGINE: AD4.203 Diesel
Direct Injection

BORE: 3.602" 4 Cyl Diesel NOTES: Chrome Liner, .045" Flange, Mexican Hat Bowl, 23 Head Studs, Angled Nozzles

APPLICATION: Tractors: 65 Massey Ferguson Thru ESN 2939035;
Wheel Tractor: 65, 356 Massey Ferguson Thru ESN 2939035;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	974193	In-Frame Kit					I
	1	975193	Out-of-Frame Kit				O	
	1	976193	Major Kit			M		
	1	977193	Premium Kit (Valve Train Kit Included)		P			
	4	171138	Sleeve & Piston Assembly (Chromed Steel Liner) (1)		P	M	O	I
	4	171155	Piston Kit (Topped w/Pin & Cast Rings) (2)					
	4	171195	Piston Assembly (Topped) (3)					
	4	171133	STD Cylinder Liner (Chromed Steel) (4)					
	4	171354	.005 Oversize Cylinder Liner (Chromed Steel)					
	4	171355	.010 Oversize Cylinder Liner (Chromed Steel)					
	4	171429	.005 Liner Shim					
	4	171273	Piston Ring Set, Cast (2-3/32 1-1/8 2-1/4)					
	4	171436	Piston Ring Set, Cast / Early Piston (3-3/32 1-3/16 1-1/4)					
	4	271231	STD Rod Bearing		P	M	O	I
	4	271232	.010 Rod Bearing					
	4	271233	.020 Rod Bearing					
	4	271234	.030 Rod Bearing					
	4	271235	.040 Rod Bearing					
	4	271236	.050 Rod Bearing					
	4	271237	.060 Rod Bearing					
	1	271181	STD Main Bearing Set, wo/Thrust Washers		P	M	O	I
	1	271182	.010 Main Bearing Set, wo/Thrust Washers					
	1	271183	.020 Main Bearing Set, wo/Thrust Washers					
	1	271184	.030 Main Bearing Set, wo/Thrust Washers					
	1	271185	.040 Main Bearing Set, wo/Thrust Washers					
	1	271186	.050 Main Bearing Set, wo/Thrust Washers					
	1	271187	.060 Main Bearing Set, wo/Thrust Washers					
	1	271111	STD Thrust Washer Set (Centered Lug)		P	M	O	I
	1	271131	.005 Thrust Washer Set (Centered Lug)					
	1	271132	.007 Thrust Washer Set (Centered Lug)					
	1	271133	.010 Thrust Washer Set (Centered Lug)					
	1	371241	Head Gasket Set		P	M	O	I
	1	371242	Head Gasket					
	1	371153	Valve Cover Gasket "Stud Seal - 371245"					
	4	371239	Nozzle Dust Seal "Not Included In Gasket Sets Or Kits"					
	1	371211	Lower Gasket Set wo/Seals		P	M	O	
	1	371235	Fuel Line Seal Kit (23 Seals & Washers) "Not In Gkt Sets"		P	M	O	
	1	371234	Tach Drive Seal					
	1	371159	Timing Cover Gasket					
	1	371227	Pan Gasket Set (Tractor Pan Bolts To Timing Cover)					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	
	4	271175	Pin Bushing		P	M		
	8	771153	Connecting Rod Bolt		P	M		
	8	771152	Connecting Rod Nut		P	M		
	23	771221	Head Nut					

(1)Cast Alternate - 171162 (2)Untopped Piston Kit - 171437 (3)Untopped Piston Assembly - 171438 (4)Cast Alternate - 171434

PK-203-H

10/11/2006

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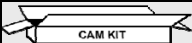
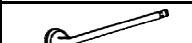
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	1	979511	Camshaft Kit					C
	1	979121	Valve Train Kit					V
	1	571136	Camshaft					C
	1	571137	Camshaft Thrust Plate					
	8	571125	Tappet, wo/Adjusting Screw					C
	8	571138	Adjusting Screw (5)					
	4	471122	Exhaust Valve (1.320 Hd Dia / 4.507 OAL / 45°)				V	
	4	471118	Intake Valve (1.539 Hd Dia / 4.507 OAL / 45°)				V	
	8	471127	Valve Guide				V	
	8	471138	Outer Valve Spring				V	
	8	471139	Inner Valve Spring				V	
	8	471166	Spring Seat (.500" ID)				V	
	8	471167	Spring Retainer					
	16	471168	Keeper (Half)				V	
	4	471182	Exhaust Seat (1.203 x 1.681 x .312 x 45°)					
	4	401197	Intake Seat (1.406 x 1.875 x .219 x 45°)					
	4	471173	LH Rocker Arm					
	4	471174	RH Rocker Arm					
	1	471175	Rocker Arm Shaft (6) (7)					
	1	471178	Rocker Arm Oil Line Assembly					
	1	571141	Cam Gear (52 Teeth)					
	1	571127	Crank Gear (26 Teeth)					
	1	571142	Upper Idler Gear (43 Teeth)					
	1	571143	Lower Idler Gear					
	2	571144	Lower Idler Gear Bushing					
	2	571145	Idler Gear Hub					
	1	671111	Oil Pump (Idler Gear Not Included)					
	1	671133	Oil Pump Idler Gear					
	1	671137	Oil Pump Idler Gear Bushing					
	1	671139	Oil Strainer					
	1	771113	Crankshaft					
	1	771127	Crankshaft Kit					
	4	771158	Connecting Rod					
	1	771222	Cylinder Head Assembly (Includes Valves & Springs)					
	1	771212	Expansion Plug Kit (Includes 15 Plugs For Head & Block)					
	1	871137	Thermostat					
	1	871176	New Water Pump wo/Pulley					
	1	871177	New Water Pump w/871178 Pulley					
	1	871174	Manifold Heater Plug					
	1	871172	Fuel Pump "May Need 2-771198 Studs (1.437" OAL)"					

(5)Adjusting Screw Lock Nut - 571139

(6)Rocker Arm Shaft Plug - 471176

(7)Rocker Arm Shaft Snap Ring - 471177

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