

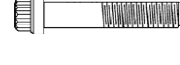
PERKINS



ENGINE: 1004-4T
ATN4.40

BORE: 3.938" 4 Cyl Diesel Notes: Turbocharged, Belt Driven Water Pump, Quadram Piston, Has Balancer

APPLICATION: Tractors: MF 3075, 6150 (AH31277); 6140 (AH31278); 4243 (AH31316); 4253 (AH31317);
Tractors: MF 4245 (AH31316, AH31318, AH31321, AH31323, AH31388, AH31389, AH31390, AH31391);
Tractors: MF 4255 (AH31317, AH31322, AH31328, AH31329, AH31392, AH31393, AH31394, AH31395);

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	974414	In-Frame Kit, Thru ESN U947668E					I
	1	974415	In-Frame Kit, After ESN U947668E					I
	1	975414	Out-of-Frame Kit, Thru ESN U947668E			O		
	1	975415	Out-of-Frame Kit, After ESN U947668E			O		
	1	976414	Major Kit, Thru ESN U947668E		M			
	1	976415	Major Kit, After ESN U947668E		M			
	4	171176	Sleeve & Piston Assembly, Thru ESN U947668E (1)		M		O	I
	4	171388	Sleeve & Piston Assembly, After ESN U947668E		M		O	I
	4	171237	Piston Assembly, Thru ESN U947668E (1)					
	4	171387	Piston Assembly, After ESN U947668E					
	4	171266	Cylinder Liner (Flange/Finished/No Fire Dam/4.1035" OD) (2)					
	4	171365	Cylinder Liner (Flange/Semi-Finished/No FD/4.1055" OD) (3)					
	4	171468	005 Liner Shim					
	4	171281	Piston Ring Set (1-3.5MM Keystone 1-2.5MM 1-4MM)					
	4	271261	STD Rod Bearing		M	M	O	I
	4	271262	.010 Rod Bearing					
	4	271263	.020 Rod Bearing					
	4	271264	.030 Rod Bearing					
	1	271161	STD Main Set, wo/Thrust Washers		M	M	O	I
	1	271162	.010 Main Set, wo/Thrust Washers					
	1	271163	.020 Main Set, wo/Thrust Washers					
	1	271164	.030 Main Set, wo/Thrust Washers "Additional Sizes (6)"					
	1	271119	STD Thrust Washer Set (Offset Lug)		M	M	O	I
	1	271125	.007 Thrust Washer Set (Offset Lug)					
	1	271126	.010 Thrust Washer Set (Offset Lug)					
	1	371377	Head Gasket Set		M	M	O	I
	1	371155	Head Gasket					
	1	371218	Valve Cover Gasket (Aluminum Cover)					
	1	371221	Valve Cover Gasket (Composite Cover)					
	8	371143	Valve Seal					
	1	371214	Lower Gasket Set wo/Seals		M	M	O	I
	1	371149	Timing Cover Gasket					
	1	371167	Pan Gasket Set: Tractors (Incls 6 Flange Gkts)					
	1	371282	Pan Gasket (Steel Pan) (10)					
	1	371146	Front Crank Seal (Viton Lip Type) (7)		M	M	O	I
	1	371145	Rear Crank Seal, Thru U176356H (Viton Lip Type) (8)		M	M	O	I
	1	371297	Rear Crank Seal & Housing, After U176356H (9) (10)					
	4	271135	Pin Bushing, Butt & Serrated Split (Straight / 1.500" Pin)		M	M		
	4	271199	Pin Bushing, Fractured Split Rod (Tapered / 1.500" Pin)					
	1	271127	Cam Bearing (Finished ID)		M	M		
	8	771151	Connecting Rod Bolt (Serrated Split)		M	M		
	8	771148	Connecting Rod Nut (Serrated Split)		M	M		
	8	771368	Rod Capscrew (Doweled Flat Butt Split/1/2 x 2.766 Hex Hd)					
	8	771323	Rod Capscrew (Fractured Split / 7/16 x 2.580 12 Pt Head)					
	1	771319	Head Bolt Kit (22 Bolts)					

(1)Can Upgrade To Late Design In Full Sets

(2).010 OS Finished Liner - 171267

(3).020 OS Semi-Finished Liner - 171516

(6)Main Bearings: .040 - 271165 / .050 - 271166 / .060 - 271167

(7)Wear Sleeve - 301115

(8)Lip Seal Housing Gasket - 371187 / Wear Sleeve - 301143

(9)Wear Sleeve - 371366

(10)Not Included In Engine Kits

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6/28/2009

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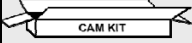
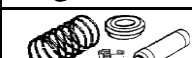
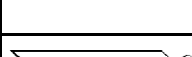
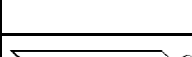
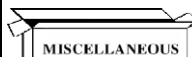
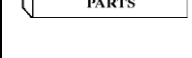
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	979523	Camshaft Kit					C
	1	979152	Valve Train Kit (Heads w/Dual Springs)				V	
	1	571129	Camshaft "Uses 771363 (M12 x 45) Capscrew"					C
	1	271249	Thrust Washer					C
	8	571123	Tappet					C
	4	471129	Exhaust Valve (45° / 37.5MM Hd Dia)				V	
	4	471126	Intake Valve (30° / 45.0MM Hd Dia)				V	
	4	471132	Exhaust Guide				V	
	4	471131	Intake Guide				V	
	8	471144	Outer Valve Spring (8 Coils / 1.8" Free Length)				V	
	8	471143	Inner Valve Spring (9 Coils / 1.7" Free Length)				V	
	8	471229	Spring Seat (Stepped/.640" ID)				V	
	16	471146	Keeper (Half)				V	
	4	471288	Exhaust Seat (1.290 x 1.681 x .374 Stepped Top)					
	4	471292	Intake Seat					
	4	471224	LH Rocker Arm (Adj Screw & Lock Nut Not Included) (12)					
	4	471225	RH Rocker Arm (Adj Screw & Lock Nut Not Included) (12)					
	1	471227	Rocker Arm Shaft (13) "Includes 471176 Plugs"					
	1	571171	Cam Gear (Steel / 56 Teeth)					
	1	571113	Crank Gear: AH31277, AH31278 (28 Teeth / 1.375" Wide)					
	1	571174	Crank Gear: Except AH31277, AH31278 (28T / 1.375" Wide)					
	1	571163	Idle Gear: AH31277, AH31278 (Steel / 63 Teeth) (14)					
	1	571186	Idle Gear: Except AH31277, AH31278 (Steel / 63T) (14)					
	8	571117	Push Rod					
	1	671122	Oil Pump					
	1	771296	Balancer/Pump Drive Kit (Gear/Shaft Asb, Drv Gear, 2-Brgs)					
	4	671157	Piston Cooling Jet					
	4	671158	Piston Cooling Check Valve					
	1	671149	Oil Cooler					
	1	771181	Crank Kit (Spline / Lip) "Front Plate & Screws - 771361"					
	4	771194	Connecting Rod (1.500" Pin)					
	1	771362	Cylinder Head Assembly (Includes Valves & Springs)					
	1	771359	Expansion Plug Kit (20 Head & Block Plugs)					
	1	771299	Balancer Assembly, Engines w/LH Oil Filter (Incls Oil Pump)					
	1	771318	Balancer Idle Gear "Needle Bearing Assembly - 771298"					
	4	771171	Balancer Weight Bushings					
	1	871138	Thermostat (2.125" / Bypass)					
	1	871258	Bypass Hose Kit					
	1	871229	Water Pump w/o/Pulley					
	1	871182	Manifold Heater Plug (Blade Terminal) "Screw Type-871174"					
	1	871255	Fuel Pump					
	1	871259	Heat Shield, For Composite Cover					

(12)Adjusting Screw-471226 / Lock Nut - 571139

(13)Rocker Arm Shaft Snap Ring - 471228

(14)Includes 2 Bushings - 571144

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