

PERKINS



ENGINE: AG4.236 GAS

BORE: 3.877"	4 Cyl	Gas	Notes: Flanged Liners
APPLICATION: Tractors: MF 175, 180; 265 Thru 9A349238; Forklifts: MF 6500;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT	
	1	974194	In-Frame Kit		I
	1	975194	Out-of-Frame Kit	O	
	4	171117	Sleeve & Piston Asb (Flanged Finished Liner w/Fire Dam)	O	I
	4	171288	Piston Assembly		
	4	171128	STD Cylinder Liner (Finished / Fire Dam / 4.063" OD) (1)		
	4	171214	STD Cylinder Liner (Semi-Finished / Fire Dam / 4.065" OD)		
	4	171131	Service Liner (Finished / No Fire Dam / 4.103" OD) (2)		
	4	171361	Service Liner (Semi-Finished / No Fire Dam / 4.105" OD) (3)		
	4	171468	005 Liner Shim (Fits Service Liners Without Fire Dam)		
	4	171291	Piston Ring Set (3-3/32 1-1/4)		
	4	271151	STD Rod Bearing	O	I
	4	271152	.010 Rod Bearing		
	4	271153	.020 Rod Bearing		
	4	271154	.030 Rod Bearing		
	4	271155	.040 Rod Bearing		
	4	271156	.050 Rod Bearing		
	4	271157	.060 Rod Bearing		
	1	271161	STD Main Bearing Set, wo/Thrust Washers	O	I
	1	271162	.010 Main Bearing Set, wo/Thrust Washers		
	1	271163	.020 Main Bearing Set, wo/Thrust Washers		
	1	271164	.030 Main Bearing Set, wo/Thrust Washers		
	1	271165	.040 Main Bearing Set, wo/Thrust Washers		
	1	271166	.050 Main Bearing Set, wo/Thrust Washers		
	1	271167	.060 Main Bearing Set, wo/Thrust Washers		
	1	271119	STD Thrust Washer Set	O	I
	1	271125	.007 Thrust Washer Set		
	1	271126	.010 Thrust Washer Set		
	1	371285	Head Gasket Set "Head Gasket - 371116"	O	I
	1	371117	Valve Cover Gasket		
	8	371143	Valve Seal		
	1	371286	Lower Gasket Set wo/Seals	O	
	1	371293	Timing Cover Gasket		
	1	371167	Pan Gasket Set (Also Includes 6 Oil Flange Gaskets)		I
	1	371146	Front Crank Seal (Viton Lip Type) (4)	O	
	1	371161	Rear Crank Seal Kit, Thru 236UA2026A (Rope Type) (5)	O	
	1	371186	Rear Seal & Housing Kit, Thru 236UA2026A (Rope Type) (5)		
	1	371145	Rear Crank Seal, After 236UA2026A (Viton Lip Type) (6)	O	
	4	271238	Pin Bushing (1.000" Pin)		
	1	271127	Cam Bearing (Finished ID)		
	8	771151	Connecting Rod Bolt		
	8	771148	Connecting Rod Nut		
	1	771291	Head Stud & Nut Kit, Thru 236UA42747		
	1	771282	Head Stud/Bolt & Nut Kit, After 236UA42747		

(1)OS Finished Liner: .010 - 171194 / .040 - 171359 (2)OS Finished Liner: .010 - 171362 (3)OS Semi-Finished Liner: .020 - 171363

(4)Wear Sleeve - 301115 (5)Rope Seal Housing Gasket - 371288 (6)Lip Seal Housing Gasket - 371187 / Wear Sleeve - 301143

PK-236-A

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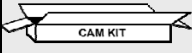
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	979517	Camshaft Kit					C
	1	979335	Basic Valve Kit				B	
	1	979135	Valve Train Kit				V	
	1	571114	Camshaft					C
	1	571162	Cam Bolt Lock Plate					
	1	271249	Camshaft Thrust Washer (1.750 X 2.873 X .217) (7)					
	8	571123	Tappet					C
	4	471211	STD Exhaust Valve (1.440 Hd Dia / 5.000 OAL / 45°) (8)		V		B	
	4	471215	STD Intake Valve (1.740 Hd Dia / 4.839 OAL / 45°) (9)		V		B	
	8	471134	Outer Valve Spring (8 Coils / 2.500" Free Length)		V		B	
	8	471133	Inner Valve Spring (9 Coils / 2.000" Free Length)		V		B	
	8	471219	Spring Seat					
	4	471221	Exhaust Rotator		V			
	4	471222	Spring Retainer					
	16	471146	Keeper (Half)		V		B	
	4	471223	Exhaust Seat					
	4	471224	LH Rocker Arm (Adjusting Screw & Lock Nut Not Included)					
	4	471225	RH Rocker Arm (Adjusting Screw & Lock Nut Not Included)					
	8	471226	Adjusting Screw (10)					
	8	471147	Rocker Arm Bushing "For Arms With Factory Bushings"					
	1	471227	Rocker Arm Shaft (11) "Includes 471176 Plugs"					
	1	571112	Cam Gear (56 Teeth)					
	1	571113	Crank Gear (28 Teeth)					
	1	571111	Idler Gear (63 Teeth) "Includes 2-571144 Bushings"					
	1	571145	Idler Gear Hub					
	8	571117	Push Rod					
	1	671142	Oil Pump Kit (Gears,Shaft,Plate,Valve,Spring,Cap,Gkts) (12)					
	1	671143	Oil Pump Body, w/LH Oil Filter (Cast Gear Housing)					
	1	671146	Oil Pump Inlet Strainer					
	1	771129	Crank Kit, Thru 236UA2026A (Spline Nose / Rope Seal)					
	1	771132	Crank Kit, After 236UA2026A (Spline Nose / Lip Seal)					
	4	771285	Connecting Rod (1.000" Pin)					
	1	771283	Cylinder Head Assembly (Includes Valves & Springs)					
	1	771159	Rear Block Bridge Piece					
	1	771286	Expansion Plug Kit (Includes 19 Plugs For Head & Block)					
	1	771288	Balancer Kit, Thru 236UA2026A (3 Shafts, 2 Gears +) (13)					
	1	771287	Balancer Kit, After 236UA2026A (Shafts, Gears, Brgs) (14)					
	1	771165	Balancer Kit, Service Asb (3 Shafts,2 Gears,4 Bearings) (15)					
	2	771197	Balancer Gear, After 236UA2026A (3 Bolt / 1.375 ID / 30T)					
	1	871162	Thermostat					
	1	871214	New Water Pump wo/Pulley					
	1	871215	Water Pump Pulley					

(7).026" OS - 271239 (1.750 X 2.873 X .243 Recessed Face)

(8)Oversizes: .003 - 471212 / .015 - 471213 / .030 - 471214

(9)Oversizes: .003 - 471216 / .015 - 471217 / .030 - 471218

(10)Lock Nut - 571139

(11)Rocker Arm Shaft Snap Ring - 471228

(12)Supply 771166 Thru ESN 236UA2026A (13)Frame w/Bushings (14)Frame w/Needle Brgs (15)Frame w/Grooved Roller Brgs

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