

PERKINS



ENGINE: 1004-42 Thru U284277J
N4.421 Thru U284277J

BORE: 4.056"	4 Cyl	Diesel	Notes: Natural Aspirated, Belt Driven Pump, Fastram Piston, Balancer, Notched Rods
--------------	-------	--------	--

APPLICATION: Crawlers: Landini Trekker 80, 80F (AS81011); McCormick T80, T80F (AS81011);
Tractors: Case-IH C70, CX70 (AS50665); McCormick C70, CX70 (AS50665);
Tractors: MF 281X, 281XE, 481 (AS31356, AS31477); 2230 (AS81039); 3340 (AS81244);

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	974432	In-Frame Kit			I	
	1	975432	Out-of-Frame Kit		O		
	4	171398	STD Piston Assembly		O	I	
	4	171422	0.50 MM Piston Assembly				
	4	171513	1.00 MM Piston Assembly				
	4	171399	STD Piston Ring Set (2-2.5MM 1-3.5MM)		O	I	
	4	171423	0.50 MM Piston Ring Set (2-2.5MM 1-3.5MM)				
	4	171514	1.00 MM Piston Ring Set (2-2.5MM 1-3.5MM)				
	4	271261	STD Rod Bearing (Locating Tangs For Notched Rods)		O	I	
	4	271262	.010 Rod Bearing (Locating Tangs For Notched Rods)				
	4	271263	.020 Rod Bearing (Locating Tangs For Notched Rods)				
	4	271264	.030 Rod Bearing (Locating Tangs For Notched Rods)				
	1	271161	STD Main Set, wo/Thrust Washers		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 (5)"				
	1	271119	STD Thrust Washer Set (Offset Lug)		O	I	
	1	271125	.007 Thrust Washer Set (Offset Lug)				
	1	271126	.010 Thrust Washer Set (Offset Lug)				
	1	371343	Head Gasket Set "Includes 371368 Head Gasket"		O	I	
	1	371222	Valve Cover Gasket				
	4	371191	Exhaust Valve Seal (Brown)				
	4	371189	Intake Valve Seal (Green)				
	1	371214	Lower Gasket Set wo/Seals		O		
	1	371149	Timing Cover Gasket				
	1	371167	Pan Gasket Set (Cast Pan / Incls 6 Flange Gkts)			I	
	1	371282	Pan Gasket (Steel Pan)		O	I	
	1	371146	Front Crank Seal (Viton Lip Type) (7)		O		
	1	371145	Rear Crank Seal, Thru U176356H (Viton Lip Type) (8)		O		
	1	371297	Rear Crank Seal & Housing, After U176356H (9)		O		
	4	271198	Pin Bushing (Straight / 1.563" Pin) (10)				
	4	271289	Pin Bushing (Tapered / 1.563" Pin) (11)				
	1	271127	Cam Bearing (Finished ID)				
	4	771351	Conn Rod (6.5211-6.5224 / Grade H / White Mark)				
	4	771352	Conn Rod (6.5193-6.5206 / Grade J / Green Mark)				
	4	771353	Conn Rod (6.5175-6.5188 / Grade K / Purple Mark)				
	4	771354	Conn Rod (6.5157-6.5170 / Grade L / Blue Mark)				
	8	771151	Connecting Rod Bolt (Serrated Split)				
	8	771148	Connecting Rod Nut (Serrated Split)				
	8	771323	Conn Rod Capscrew (Fractured Split / 7/16 x 2.580 12Pt)				
	1	771369	Head Bolt Kit: AS31356, AS81039 (22 Bolts)				
	1	771373	Head Bolt Kit: Except AS31356, AS81039 (22 Bolts)				

(5)Other Sizes Available: .040 - 271165 / .050 - 271166 / .060 - 271167

(7)Wear Sleeve - 301115

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

(9)Wear Sleeve - 371366

(10)Used When Taper Press Tooling Is Not Available (Machine Taper After Boring To Size) (11)Used With Proper Taper Press Tooling

PK-258-G

7/12/2009

CLICK THE ITEM # TO VIEW OR PURCHASE PART

1-800-443-0625 | WWW.JENSALES.COM

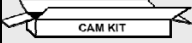
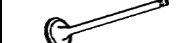
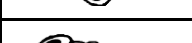
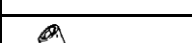
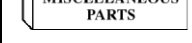
PERKINS



ENGINE: 1004-42 Thru U284277J
N4.421 Thru U284277J

BORE: 4.056"	4 Cyl	Diesel	Notes: Natural Aspirated, Belt Driven Pump, Fastram Piston, Balancer, Notched Rods
--------------	-------	--------	--

APPLICATION: Crawlers: Landini Trekker 80, 80F (AS81011); McCormick T80, T80F (AS81011);
Tractors: Case-IH C70, CX70 (AS50665); McCormick C70, CX70 (AS50665);
Tractors: MF 281X, 281XE, 481 (AS31356, AS31477); 2230 (AS81039); 3340 (AS81244);

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	979525	Camshaft Kit					C
	1	979155	Valve Train Kit					V
	1	571216	Camshaft					C
	1	271249	Thrust Washer					
	8	571123	Tappet					C
	4	471159	Exhaust Valve (45° / 42.0MM Hd Dia)				V	
	4	471312	Intake Valve (45° / 45.0MM Hd Dia)				V	
	4	471279	Exhaust Guide				V	
	4	471237	Intake Guide				V	
	8	471162	Valve Spring (1.720" Free Length)				V	
	16	471241	Keeper (Half)				V	
	4	471313	Exhaust Seat (1.737" OD)					
	4	471314	Intake Seat (1.895" OD)					
	4	471283	LH Rocker Arm, Thru U016708E (Screw & Nut Not Incl) (12)					
	4	471284	RH Rocker Arm, Thru U016708E (Screw & Nut Not Incl) (12)					
	1	471296	Rocker Arm Shaft, Thru U016708E (13) "Incls 471176 Plugs"					
	4	471286	LH Rocker Arm, After U016708E (Screw & Nut Not Incl) (12)					
	4	471287	RH Rocker Arm, After U016708E (Screw & Nut Not Incl) (12)					
	1	471311	Rocker Arm Shaft, After U016708E (13) "Incls 471176 Plugs"					
	1	571171	Cam Gear (Steel / 56 Teeth)					
	1	571174	Crank Gear: Except Below (28T / 1.375" Wide)					
	1	571113	Crank Gear: AS50665, AS81011, AS81039 (28T/1.375 Wide)					
	1	571186	Idle Gear: Except Below (Steel / 63T) (14)					
	1	571163	Idle Gear: AS50665, AS81011, AS81039 (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: Except Below					
	1	671132	Oil Cooler: AS81011, AS81039; AS81244 Thru 02/28/02					
	1	671175	Oil Cooler: AS50665					
	1	771181	Crank Kit (Spline / Lip) "Front Plate & Screws - 771361"					
	1	771371	Cylinder Head Assembly (Includes Valves & Springs)					
	1	771372	Expansion Plug Kit (16 Head & Block Plugs)					
	1	771168	Balancer Assembly, Engines w/LH Oil Filter (Incls Oil Pump)					
	1	771318	Balancer Idler Gear "Needle Bearing Assembly - 771298"					
	4	771171	Balancer Weight Bushings					
	1	871263	Thermostat: Except Below					
	2	871138	Thermostat: AS50665 (2.125" / Bypass)					
	1	871264	Water Pump wo/Pulley: Except Below					
	1	871269	Water Pump wo/Pulley: AS50665					
	1	871255	Fuel Pump					

(12)Adjusting Screw-471226 / Lock Nut-571139 / Bushing-471297

(13)Shaft Snap Ring - 471228

(14)Incl 2 Bushings - 571144

PK-258-G

7/12/2009

CLICK THE ITEM # TO VIEW OR PURCHASE PART

1-800-443-0625 | WWW.JENSALES.COM