

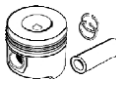
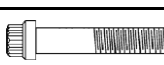
PERKINS



ENGINE: 1004-42 Thru U284277J
4.421 Thru U284277J

BORE: 4.056" 4 Cyl Diesel Notes: NA, Gear Drive Water Pump, Fastram Piston, Balancer, Notched Rods

APPLICATION: Tractors: MF 4233, 4235, 4335 (AR31434, AR31435); 4233 (AR31436, AR31437);
Industrial Engines: 1004-42 (AR70498); Wood Chippers: Bandit Unknown (AR70428);
Wood Chippers: Vermeer Unknown (AR70428); Woodchuck 1200G (AR70426);

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	974433	In-Frame Kit				I
	1	975433	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	371385	Lower Gasket Set wo/Seals			O	
	1	371167	Pan Gasket Set: Except Below (Cast Pan/Incls 6 Flg Gkts)				I
	1	371282	Pan Gasket: AR70426, AR70428, AR70498 (Steel Pan)				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, Thru 12/07/97 (22 Bolts)				
	1	771373	Head Bolt Kit, After 12/07/97 (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-B

7/15/2009

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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

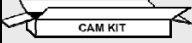
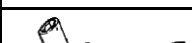
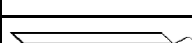
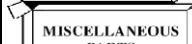
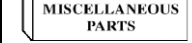
PERKINS



ENGINE: 1004-42 Thru U284277J
4.421 Thru U284277J

BORE: 4.056" 4 Cyl Diesel Notes: NA, Gear Drive Water Pump, Fastram Piston, Balancer, Notched Rods

APPLICATION: Tractors: MF 4233, 4235, 4335 (AR31434, AR31435); 4233 (AR31436, AR31437);
Industrial Engines: 1004-42 (AR70498); Wood Chippers: Bandit Unknown (AR70428);
Wood Chippers: Vermeer Unknown (AR70428); Woodchuck 1200G (AR70426);

	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	571217	Crank Gear: Except Below (28 Teeth)					
	1	571131	Crank Gear: AR70426, AR70428, AR70498 (28 Teeth)					
	1	571186	Idle Gear: Except Below (Steel / 63T) (14)					
	1	571163	Idle Gear: AR70426, AR70428, AR70498 (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	671175	Oil Cooler: AR70426, AR70428, AR70498					
	1	771181	Crank Kit (Spline / Lip)					
	1	771374	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					
	1	871272	Bypass Hose Kit					
	1	871224	Water Pump					
	1	871182	Manifold Heater Plug, Thru U886412D (Blade Terminal)					
	1	871249	Manifold Heater Plug, After U886412D (Screw Terminal)					
	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-B

7/15/2009

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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