

JOHN DEERE

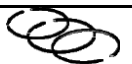
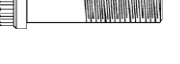


ENGINE: 4045H Powertech (16 Valve)
Common Rail Fuel System

BORE: 4.1929" 4 Cyl Diesel NOTES: Tier 2, HPCR Injection, 16 Valve, SD Piston Marked RE515037, 1.625" Pin

APPLICATION: Tractors: 6320, 6420 w/16 Valve Engine;
TO-Dubuque Engine Tractors: 6320, 6420, 6420S European w/16 Valve Engine;

PE-Torreon Engine
CD-Saran Engine
JO-Rosario Engine

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	951293	Underhaul Kit					U
	1	954298	In-Frame Kit				I	
	1	955298	Out-of-Frame Kit			O		
	1	956298	Major Kit	M				
	4	151659	Sleeve & Piston Assembly	M	O		I	
	4	151661	Piston Assembly					
	4	NA	Liner Assembly (1)					
	4	151115	Liner O-Ring Package					
	4	151662	Piston Ring Set					
	4	251125	STD Rod Bearing	M	O		I	U
	4	251126	.010 Rod Bearing					
	1	251127	STD Main Bearing Set	M	O		I	U
	1	251128	.010 Main Bearing Set					
	1	351736	Head Gasket Set					
	1	351132	Head Gasket					
	2	351735	Valve Cover Gasket					
	16	351728	Valve Seal (2)					
	1	351737	In-Frame Gasket Set				I	
	4	351657	Exhaust Manifold Gasket					
	1	351738	Full Gasket Set w/Seals	M	O			
	1	351733	Timing Cover Gasket wo/RH Auxillary Drive					
	1	351734	Timing Cover Gasket w/RH Auxillary Drive					
	1	351136	Pan Gasket (Sheet Metal Pan)					
	1	351137	Pan Gasket (Cast or Aluminum Pan)					
	1	351718	Pan Gasket Set (2-Gaskets, 3-O-Rings)					U
	1	351138	Front Crank Seal					
	1	351129	Rear Crank Seal Kit					
	4	251299	Pin Bushing (Boreable / 1.625" Pin)					
	4	251134	Pin Bushing (Honeable / 1.625" Pin)	M				
	1	251123	Cam Bearing	M				
	6	251131	Balancer Bushing	M				
	8	751133	Rod Bolt	M	O		I	U
	18	751356	Head Bolt					

(1)Shims: .002 - 151637 / .004 - 151638

(2)Not In Gasket Sets or Kits

JD-276-P

9/1/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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QTY		ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
		1 551362	Camshaft w/Gear (Marked R515247)					
		8 551118	Tappet					
		8 451543	STD Exhaust Valve					
		8 451544	STD Intake Valve					
		16 451534	Valve Spring					
		16 451541	Retainer					
		32 451542	Keeper (Half)					
		8 451545	Exhaust Seat (1.239-T-1.315 x 1.437 x .236)					
		8 451546	Intake Seat (1.201-T-1.378 x 1.476 x .244)					
		4 451547	Exhaust Rocker Arm					
		4 451548	Intake Rocker Arm					
		1 451552	Rocker Arm Shaft					
		8 451551	Valve Bridge Crossbar					
		1 551361	Cam Timing Gear (60 Tooth)					
		1 551121	Crank Timing Gear (30 Tooth)					
		1 551359	Upper Idler Gear, Marked R504614					
		1 551351	Lower Idler Gear, Marked R120636 "Includes Bush - 551352"					
		8 551356	Push Rod					
		1 651116	Oil Pump					
		1 651119	Oil Cooler (7 Plate)					
		1 751353	Crankshaft (Single Bolt / Taper Nose)					
		4 751355	Connecting Rod (1.625" Pin)					
		1 751135	LH Balancer Shaft					
		1 751136	RH Balancer Shaft					
		8 751357	Balancer Weight Bolt					
		4 851373	Nozzle Sleeve Kit (1-Sleeve, 2-O-Rings)					
		1 851376	Nozzle Wiring Harness					
		4 851375	Glow Plug (12 Volt)					
		4 851377	Glow Plug (24 Volt)					
		1 851163	Thermostat, Upper (180°)					
		1 851174	Thermostat, Lower (180°)					
		1 851367	Water Pump (High Flow)					
		1 851149	Water Pump Kit (High Flow)					
		4 851374	Exhaust Port Liner					

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