

JOHN DEERE



ENGINE: 6068H Powertech (24 Valve)
Common Rail Fuel System

BORE: 4.1929" 6 Cyl Diesel NOTES: Tier 2; Piston Codes 4817, 4836; HD Piston Marked RE507758; 1.625" Pin

APPLICATION: Combines: 9550 After 700200; 9550SH After 700700; 9560, 9560SH, 9560WTS; Cotton Picker: Late 9970;
TO-Dubuque Engine Feller Bunchers: 643J, 843J; Graders: 670CH-II, 672CH-II After 589369; 670D, 672D;
PE-Torreon Engine Power Units: 6068HF475 Powertech; Sprayers: 4720;
CD-Saran Engine Tractors: 7220, 7320, 7420, 7520 w/IVT (Infinitely Variable Transmission); 7720; 7820 European;
JO-Rosario Engine Wheel Loaders: 624J;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	951292	Underhaul Kit					U
	1	954264	In-Frame Kit				I	
	1	955264	Out-of-Frame Kit			O		
	1	956264	Major Kit	M				
	1	956264	Major Kit	M				
	6	151663	Sleeve & Piston Assembly	M	O		I	
	6	151664	Piston Assembly					
	6	NA	Liner Assembly (1)					
	6	151115	Liner O-Ring Package					
	6	151665	Piston Ring Set					
	6	251125	STD Rod Bearing	M	O		I	U
	6	251126	.010 Rod Bearing					
	1	251132	STD Main Bearing Set	M	O		I	U
	1	251133	.010 Main Bearing Set					
	1	351729	Head Gasket Set					
	1	351141	Head Gasket					
	2	351727	Valve Cover Gasket					
	24	351728	Valve Seal (2)					
	1	351731	In-Frame Gasket Set				I	
	6	351657	Exhaust Manifold Gasket					
	1	351732	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	351723	Pan Gasket (Sheet Metal Pan) (2)					
	1	351145	Pan Gasket (Cast or Aluminum Pan)					
	1	351724	Pan Gasket Set, Cast or Alum Pan (1-Gkt, 3-O-Rings)					U
	1	351138	Front Crank Seal					
	1	351129	Rear Crank Seal Kit					
	6	251299	Pin Bushing (Boreable / 1.625" Pin)	M				
	6	251134	Pin Bushing (Honeable / 1.625" Pin)	M				
	1	251123	Cam Bearing					
	12	751133	Rod Bolt	M	O		I	U
	26	751356	Head Bolt					

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

(2) Not In Gasket Sets or Kits

JD-414-Q

9/1/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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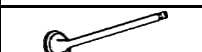
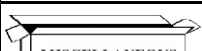
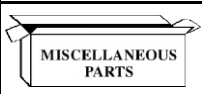
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	QTY	ITEM #	DESCRIPTION	LETTERED INCLUDED	ITEMS IN KIT
					
					
	1	551357	Camshaft w/Gear (Marked R515245)		
	1	551117	Cam Thrust Plate		
	12	551118	Tappet		
	12	451543	STD Exhaust Valve		
	12	451544	STD Intake Valve		
	24	451534	Valve Spring		
	24	451541	Retainer		
	48	451542	Keeper (Half)		
	12	451545	Exhaust Seat (1.239-T-1.315 x 1.437 x .236)		
	12	451546	Intake Seat (1.201-T-1.378 x 1.476 x .244)		
	6	451547	Exhaust Rocker Arm		
	6	451548	Intake Rocker Arm		
	1	451549	Rocker Arm Shaft		
	12	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		
	1	551352	Lower Idler Gear Bushing		
	12	551356	Push Rod		
	1	651116	Oil Pump		
	1	651119	Oil Cooler: Tractors (7 Plate)		
	1	651121	Oil Cooler: Except Tractors (9 Plate)		
	1	751354	Crankshaft (Single Bolt / Taper Nose)		
	6	751355	Connecting Rod (1.625" Pin)		
	6	851373	Nozzle Sleeve Kit (1-Sleeve, 2-O-Rings)		
	1	851378	Nozzle Wiring Harness		
	6	851375	Glow Plug (12 Volt)		
	6	851377	Glow Plug (24 Volt)		
	1	851152	Mechanical Fuel Pump: Sprayers		
	1	851153	Mechanical Fuel Pump: Code 3713; Except Sprayers		
	1	851155	Fuel Pump Push Rod		
	1	851367	Water Pump (High Flow)		
	1	851149	Water Pump Kit (High Flow)		
	6	851374	Exhaust Port Liner		

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