

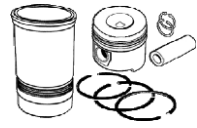
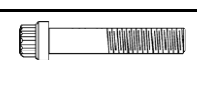
JOHN DEERE



ENGINE: 6068D Powertech (12 Valve)

BORE: 4.1929" 6 Cyl Diesel NOTES: Piston Code 4805; Piston # RE59279, RE505101; 1.375" Pin

APPLICATION: Power Units: 6068DF150 Powertech;
TO-Dubuque Engine Tractors: 6250 European w/6068DL070 Engine;
PE-Torreon Engine
CD-Saran Engine

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT					
	1	954192	In-Frame Kit, Early (Rod Marked R123959)						I
	1	954292	In-Frame Kit, Late (Rod Marked R500000)						I
	1	955192	Out-of-Frame Kit, Early (Rod Marked R123959)				O		
	1	955292	Out-of-Frame Kit, Late (Rod Marked R500000)				O		
	1	956192	Major Kit, Early (Rod Marked R123959)		M				
	1	956292	Major Kit, Late (Rod Marked R500000)		M				
	6	151128	Sleeve & Piston Assembly (High-Compression)	M	M	O	O	I	I
	6	151129	Piston Assembly (High-Compression)						
	6	151123	Liner Assembly (1)						
	6	151115	Liner O-Ring Package						
	6	151647	Block Repair Sleeve, Lower Liner Pilot Bore (.930" OAL)						
	6	151118	Piston Ring Set						
	6	251125	STD Rod Bearing (2) (3)	M	M	O	O	I	I
	6	251126	.010 Rod Bearing						
	1	251132	STD Main Bearing Set (2) (3)	M	M	O	O	I	I
	1	251133	.010 Main Bearing Set						
	1	351139	Head Gasket Set						
	1	351141	Head Gasket						
	1	351142	Valve Cover Gasket						
	1	351722	Valve Cover Gasket, Optional High Temperature (4)						
	12	351683	Valve Seal (4)						
	1	351143	In-Frame Gasket Set					I	I
	6	351657	Exhaust Manifold Gasket						
	1	351144	Full Gasket Set w/Seals	M	M	O	O		
	1	351717	Timing Cover Gasket w/RH Auxillary Drive						
	1	351721	Timing Cover Gasket w/RH Auxillary Drive						
	1	351723	Pan Gasket (Sheet Metal Pan) (4)						
	1	351145	Pan Gasket (Cast or Aluminum Pan)						
	1	351724	Pan Gasket Set, Cast or Alum Pan (1-Gkt, 3-O-Rings) (2) (3)						
	1	351138	Front Crank Seal						
	1	351129	Rear Crank Seal Kit						
	6	251529	Pin Bushing (Boreable / 1.375" Pin)						
	6	251129	Pin Bushing (Honeable / 1.375" Pin)	M	M				
	1	251123	Cam Bearing	M	M				
	12	751132	Rod Bolt, Early (Rod Marked R123959) (2)		M		O		I
	12	751133	Rod Bolt, Late (Fractured Rod Marked R500000) (3)	M		O		I	
	26	751129	Head Bolt						

(1)Shims: .002 - 151637 / .004 - 151638 (2)Early Underhaul Kit - 951192 (3)Late Underhaul Kit - 951292 (4)Not In Gasket Sets

JD-414-K

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BORE:4.1929"	6 Cyl	Diesel	NOTES: Piston Code 4805; Piston # RE59279, RE505101; 1.375" Pin
APPLICATION:	Power Units: 6068DF150 Powertech;		
TO-Dubuque Engine	Tractors: 6250 European w/6068DL070 Engine;		
PE-Torreon Engine			
CD-Saran Engine			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959334	Basic Valve Kit					B
	1	959134	Valve Train Kit			V		
	1	551124	Camshaft w/Gear					
	1	551117	Cam Thrust Plate					
	12	551118	Tappet					
	6	451111	STD Exhaust Valve (5)		V			B
	6	451113	STD Intake Valve (6)		V			B
	6	451531	Exhaust Service Repair Valve Guide (.502 OD / 2.390" OAL)					
	6	451532	Intake Service Repair Valve Guide (.502 OD / 2.209" OAL)					
	12	451115	Valve Spring		V			B
	12	451116	Rotator		V			
	24	451117	Keeper (Half)		V			B
	6	451126	Ex Seat, OEM TO & PE (1.345-T-1.482 x 1.695 x .242) (7)					
	6	451119	Ex Seat, OEM CD (1.345-T-1.482 x 1.697 x .243)					
	6	451127	In Seat, OEM TO & PE (1.550-T-1.650 x 1.857 x .257) (8)					
	6	451122	In Seat, OEM CD (1.550-T-1.650 x 1.859 x .257)					
	12	451128	Rocker Arm					
	1	451131	Rocker Arm Shaft					
	2	451165	Rocker Arm Shaft Plug					
	1	551119	Cam Timing Gear (60 Tooth)					
	1	551121	Crank Timing Gear (30 Tooth)					
	1	551355	Upper Idler Gear Assembly (Gear, Hub, Bolt, Washers)					
	1	551142	Upper Idler Gear Bushing, Late (1.750 ID x .840 Wide)					
	1	551351	Lower Idler Gear, Marked R120636 "Includes Bush - 551352"					
	12	551123	Push Rod (1-Socket 1-Ball / 10.43" OAL)					
	1	651116	Oil Pump					
	1	651117	Oil Pump Drive Gear					
	1	651118	Oil Cooler: Code 5901 (5 Plate)					
	1	751137	Crankshaft, Early (4 Bolt Nose)					
	1	751354	Crankshaft, Late (Single Bolt / Taper Nose)					
	6	751349	Connecting Rod (1.375" Pin)					
	1	851152	Fuel Pump: Code 3701					
	1	851153	Fuel Pump: Code 3702					
	1	851154	Fuel Pump: Code 3707					
	1	851369	Fuel Pump: Code 3715					
	1	851155	Fuel Pump Push Rod					
	1	851147	Thermostat (180°)					
	1	851367	Water Pump: Codes 4403, 4404, 4425, 4426 (CI / High Flow)					
	1	851149	Water Pump Kit: Codes 4403, 4404, 4425, 4426 (High Flow)					
	1	851151	Block Heater					
	1	851368	Automatic Belt Tensioner Assembly					

(5).015 - 451112 / .030 - 451528 (6).015 - 451114 / .030 - 451529 (7)Oversize Ex Seat - 451121 (8)Oversize In Seat - 451123

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