

JOHN DEERE



ENGINE: 6068HFN Powertech
Turbocharged Natural Gas

BORE: 4.1929" 6 Cyl NG NOTES: Piston Code 4811; Piston Marked RE60234; 1.625" Pin

APPLICATION: Power Units: 6068HFN50, 6068HFN51 Powertech;

TO-Dubuque Engine
PE-Torreon Engine
CD-Saran Engine

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED	IN KIT
		954299	In-Frame Kit		I
		955299	Out-of-Frame Kit	O	
		956299	Major Kit	M	
	6	151672	Sleeve & Piston Assembly	M	O I
	6	151123	Liner Assembly (1)		
	6	151115	Liner O-Ring Package		
	6	151647	Block Repair Sleeve, Lower Liner Pilot Bore (.930" OAL)		
	6	151673	Piston Ring Set		
	6	251125	STD Rod Bearing (2) (3)	M	O I
	6	251126	.010 Rod Bearing		
	1	251132	STD Main Bearing Set (2) (3)	M	O I
	1	251133	.010 Main Bearing Set		
	1	351748	Head Gasket Set		
	1	351141	Head Gasket		
	1	351142	Valve Cover Gasket		
	1	351722	Valve Cover Gasket, Optional High Temperature (4)		
	12	351752	Valve Seal (4)		
	1	351749	In-Frame Gasket Set		I
	6	351657	Exhaust Manifold Gasket		
	1	351751	Full Gasket Set w/Seals	M	O
	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	251299	Pin Bushing (Boreable / 1.625" Pin)		
	6	251134	Pin Bushing (Honeable / 1.625" Pin)	M	
	1	251123	Cam Bearing	M	
	12	751132	Rod Bolt, Early (Rod Marked R114081) (2)		
	12	751133	Rod Bolt, Late (Fractured Rod Marked R500335) (3)		
	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

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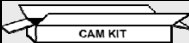
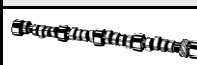
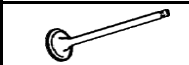
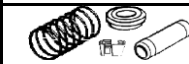
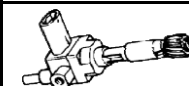
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	QTY	ITEM #	DESCRIPTION	LETTERED INCLUDED	ITEMS IN KIT
					
					
	1	551124	Camshaft w/Gear		
	1	551117	Cam Thrust Plate		
	12	551118	Tappet		
	6	451555	STD Exhaust Valve		
	6	451556	STD Intake Valve		
	6	451531	Exhaust Service Repair Valve Guide (.502 OD / 2.390" OAL)		
	6	451532	Intake Service Repair Valve Guide (.502 OD / 2.209" OAL)		
	12	451115	Valve Spring		
	12	451116	Rotator		
	24	451117	Keeper (Half)		
	6	451557	Exhaust Seat		
	6	451558	Intake Seat		
	12	451128	Rocker Arm "Use w/551123 Push Rod"		
	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) "Use w/451128"		
	1	651116	Oil Pump		
	1	651117	Oil Pump Drive Gear		
	1	651121	Oil Cooler (9 Plate)		
	1	751137	Crankshaft (4 Bolt Nose)		
	6	751355	Connecting Rod (1.625" Pin)		
	1	851259	Thermostat (192°)		
	1	851367	Water Pump (Cast Iron / High Flow)		
	1	851149	Water Pump Kit (High Flow)		
	1	851151	Block Heater		
	1	851368	Automatic Belt Tensioner Assembly		

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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