

JOHN DEERE



ENGINE: 6068T Powertech (12 Valve)

BORE: 4.1929"	6 Cyl	Diesel	NOTES: Piston Codes 4807, 4828; Piston # RE59277, RE505100, RE515372; 1.375" Pin
APPLICATION:	Cotton Pickers: 9935; Cotton Strippers: 7455, 7460;		
TO-Dubuque Engine	Crawlers: 700H;		
PE-Torreón Engine	Power Units: 6068TF120, 6068TF150, 6068TF151, 6068TF158, 6068TF275 Powertech;		
CD-Saran Engine	Tractors: 6603; Windrowers: 4990;		

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT					
	1	954189	In-Frame Kit, Early (Rod Marked R123959)						I
	1	954289	In-Frame Kit, Late (Rod Marked R500000)						I
	1	955189	Out-of-Frame Kit, Early (Rod Marked R123959)				O		
	1	955289	Out-of-Frame Kit, Late (Rod Marked R500000)				O		
	1	956189	Major Kit, Early (Rod Marked R123959)		M				
	1	956289	Major Kit, Late (Rod Marked R500000)		M				
	6	151131	Sleeve & Piston Assembly (Low-Compression)	M	M	O	O	I	I
	6	151132	Piston Assembly (Low-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, Early (1-3/32K 1-3/32 1-3.5MM)						
	6	151116	Piston Ring Set, Late (1-1/8K 1-3/32 1-3.5MM)						
	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-L

8/1/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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ENGINE: 6068TPowertech (12 Valve)

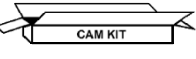
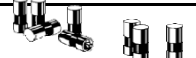
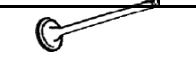
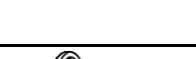
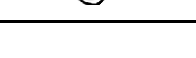
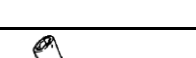
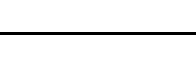
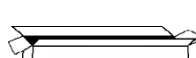
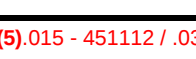
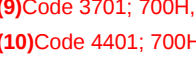
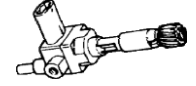
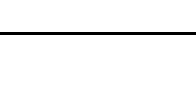
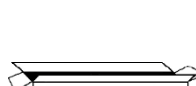
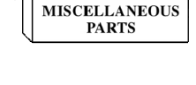
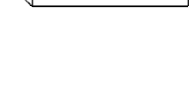
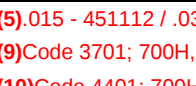
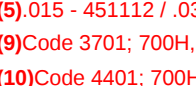
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APPLICATION: Cotton Pickers: 9935; Cotton Strippers: 7455, 7460;

TO-Dubuque Engine Crawlers: 700H;

PE-Torreon Engine Power Units: 6068TF120, 6068TF150, 6068TF151, 6068TF158, 6068TF275 Powertech;

CD-Saran Engine Tractors: 6603; Windrowers: 4990;

	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, Early (Marked R135440)					
	1	551354	Camshaft w/Gear, Late (Marked R504535 or R522317)					
	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	651118	Oil Cooler: Code 5901 (5 Plate)					
	1	651119	Oil Cooler: Code 5902 (7 Plate)					
	1	651121	Oil Cooler: Code 5903 (9 Plate)					
	1	751137	Crankshaft, Early (4 Bolt Nose)					
	1	751354	Crankshaft, Late (Single Bolt / Taper Nose)					
	6	751349	Connecting Rod (1.375" Pin)					
			Fuel Pumps (9)					
	1	851155	Fuel Pump Push Rod					
	1	851147	Thermostat (180°)					
	1	851187	Water Pump: (10) (Cast Iron/STD Flow) "Fins On Both Sides"					
	1	851367	Water Pump: (11) (Cast Iron/High Flow) "Fins On One Side"					
	1	851148	Water Pump Kit: (10) (STD Flow) "Fins On Both Sides"					
	1	851149	Water Pump Kit: (11) (High Flow) "Fins On One Side"					
	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

(9)Code 3701; 700H, 4990, 7455, 7460, 9935 - 851152 / Code 3702, 3713; 6603 - 851153 / Code 3707 - 851154 / Code 3715 - 851369

(10)Code 4401; 700H, 4990, 7455, 7460, 9935 (11)Codes 4403, 4404, 4425, 4426, 4429; 6603 Tractor