

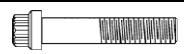
JOHN DEERE



ENGINE: 4045T Powertech (8 Valve)
4045H Powertech (8 Valve)

BORE: 4.1929" 4 Cyl Diesel NOTES: Piston Codes 4804, 4809, 4816, 4822; # RE55512, RE505102, RE509540; 1.625" Pin

APPLICATION: Crawlers: 450G, 550G, 555G, 650G After ESN 742459; Excavators: 110, 120, 120C, 160LC, 160CLC;
TO-Dubuque Engine Forestry: 1010D, 444HLL, 770D, 810D; Power Units: 4045TF, 4045HF, 4045TFM Marine;
PE-Torreon Engine Telescopic Handlers: 3200, 3215, 3220, 3400, 3415, 3420, 3800; Tractors: 6110, 6110L, 6120, 6120L, 6210
CD-Saran Engine Tractors: 6210L, 6215, 6220, 6220L, 6310, 6310L, 6310S, 6320, 6320L, 6403, 6405, 6410, 6410L, 6410S, 6415
JO-Rosario Engine Tractors: 6420, 6420L, 6420S, 6510L, 6510S, 6520L; Wheel Loaders: 444H, 444J, TC44H;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT					
	1	954195	In-Frame Kit, Early (Rod Marked R114081)						I
	1	954295	In-Frame Kit, Late (Rod Marked R500335)						I
	1	955195	Out-of-Frame Kit, Early (Rod Marked R114081)				O		
	1	955295	Out-of-Frame Kit, Late (Rod Marked R500335)				O		
	1	956195	Major Kit, Early (Rod Marked R114081)		M				
	1	956295	Major Kit, Late (Rod Marked R500335)		M				
	4	151133	Sleeve & Piston Assembly	M	M	O	O	I	I
	4	151134	Piston Assembly						
	4	151123	Liner Assembly (1)						
	4	151115	Liner O-Ring Package						
	4	151647	Block Repair Sleeve, Lower Liner Pilot Bore (.930" OAL)						
	4	151116	Piston Ring Set (1-1/8K 1-3/32 1-3.5MM)						
	4	251125	STD Rod Bearing (2) (3)	M	M	O	O	I	I
	4	251126	.010 Rod Bearing						
	1	251127	STD Main Bearing Set (2) (3)	M	M	O	O	I	I
	1	251128	.010 Main Bearing Set						
	1	351131	Head Gasket Set						
	1	351132	Head Gasket						
	1	351133	Valve Cover Gasket						
	1	351719	Valve Cover Gasket, Optional High Temperature (4)						
	8	351683	Valve Seal (4)						
	1	351134	In-Frame Gasket Set					I	I
	4	351657	Exhaust Manifold Gasket						
	1	351135	Full Gasket Set w/Seals	M	M	O	O		
	1	351717	Timing Cover Gasket wo/RH Auxillary Drive						
	1	351721	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) (2) (3)						
	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	M				
	1	251123	Cam Bearing	M	M				
	6	251131	Balancer Bushing	M	M				
	8	751132	Rod Bolt, Early (Rod Marked R114081) (2)		M		O		I
	8	751133	Rod Bolt, Late (Fractured Rod Marked R500335) (3)	M			O		I
	18	751129	Head Bolt						

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

(2)Early Underhaul Kit - 951193

(3)Late Underhaul Kit - 951293

(4)Not In Gasket Sets

JD-276-M

8/19/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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4045H Powertech (8 Valve)

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JO-Rosario Engine Tractors: 6420, 6420L, 6420S, 6510L, 6510S, 6520L; Wheel Loaders: 444H, 444J, TC44H;

QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT
			
1	959333	Basic Valve Kit	B
1	959133	Valve Train Kit	V
1	551116	Camshaft w/Gear, Early (Marked R135439)	
1	551353	Camshaft w/Gear, Late (Marked R504534)	
8	551118	Tappet	
4	451111	STD Exhaust Valve (5)	V B
4	451113	STD Intake Valve (6)	V B
4	451531	Exhaust Service Repair Valve Guide (.502 OD / 2.390" OAL)	
4	451532	Intake Service Repair Valve Guide (.502 OD / 2.209" OAL)	
8	451115	Valve Spring	V B
8	451116	Rotator	V B
16	451117	Keeper (Half)	V B
4	451126	Ex Seat, OEM TO & PE (1.345-T-1.482 x 1.695 x .242) (7)	
4	451119	Ex Seat, OEM CD (1.345-T-1.482 x 1.697 x .243)	
4	451127	In Seat, OEM TO & PE (1.550-T-1.650 x 1.857 x .257) (8)	
4	451122	In Seat, OEM CD (1.550-T-1.650 x 1.859 x .257)	
8	451128	Rocker Arm	
1	451129	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	551351	Lower Idler Gear, Marked R120636 "Includes Bush - 551352"	
8	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	751134	Crankshaft, Early (4 Bolt Nose)	
1	751353	Crankshaft, Late (Single Bolt / Taper Nose)	
4	751355	Connecting Rod (1.625" Pin)	
1	751135	LH Balancer Shaft	
1	751136	RH Balancer Shaft	
1	851368	Automatic Belt Tensioner Assembly	
		(9) Fuel Transfer Pumps (10) Fuel Pump Push Rod	
		(11) CI STD Flow Water Pump (12) CI Hi Flow Water Pump	

(5).015 - 451112 / .030 - 451528 (6).015 - 451114 / .030 - 451529 (7)Oversize Ex Seat - 451121 (8)Oversize In Seat - 451123
(9)Code 3701,3706; 110, 120, 120C, 160CLC, 3215, 3220, 3415, 3420, 444H, 444HLL, 444J, 450G, 550G, 555G, 650G, TC44H - 851152
(9)Code 3702; 1010D, 3200, 3400, 3800, 770D, 810D - 851153 / Code 3707 - 851154 / Code 3715 - 851369 (10)All Engines - 851155
(11)Codes 4401, 4402, 4428, 4429; 1010D, 3200, 3400, 444H, 444HLL, 444J, 450G, 550G, 555G, 650G, 770D, 810D, TC44H - 851187
(12)110, 120, 120C, 160LC, 160CLC, 3215, 3220, 3415, 3420, 3800, 6110, 6110L, 6120, 6120L, 6210, 6210L, 6215, 6220, 6220L
Cont'd 6310, 6310L, 6310S, 6320, 6320L, 6403, 6405, 6410, 6410L, 6410S, 6415, 6420, 6420L, 6420S, 6510L, 6510S, 6520L - 851367
(12) Marine Engines- 851371 Water Pump Kits: STD Flow - 851148 / High Flow - 851149