

JOHN DEERE



ENGINE: 254D Thru #49999

Original Block

BORE: 4.125"	4 Cyl	Diesel	NOTES: Block # R26160 (Has Weep Holes), All Service Cylinder Kits Are 4.250" Bore
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APPLICATION: Tractors: 3010;
Wheel Tractors: 3010:

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	954411	In-Frame Kit					I
	1	955411	Out-of-Frame Kit			O		
	1	956411	Major Kit				M	
	1	956412	Major Kit (Hi-Comp / Hypereutectic Pistons)				M	
	4	151511	Sleeve & Piston Assembly				M	
	4	151512	Sleeve & Piston Asb (Hi-Comp / Hypereutectic Pistons)				M	
	4	151513	Piston Assembly (Late Hi-Ring Design)					
	4	151197	Liner Assembly (1)					
	4	151485	Liner O-Ring Package					
	1	151483	Block Repair Insert, Lower Liner Pilot Bore					
	4	151514	Piston Ring Set, 4.250" Bore (1-1/8K 1-3/32 1-1/4)					
	4	151515	Piston Ring Set, 4.250" Bore (1-1/8K 2-3/32 1-1/4)					
	4	151516	Piston Ring Set, 4.250" Bore (1-1/8 2-3/32 1-1/4)					
	4	101128	Piston Ring Set, 4.250" Bore (3-3/32 2-1/4)					
	4	151517	Piston Ring Set, 4.125" Bore (3-3/32 1-1/4)					
	4	151196	Piston Ring Set, 4.125" Bore (3-3/32 2-1/4)					
	4	251167	STD Rod Bearing		M	M		O
	4	251168	.002 Rod Bearing					
	4	251169	.010 Rod Bearing					
	4	251171	.020 Rod Bearing					
	4	251172	.030 Rod Bearing					
	1	251184	STD Main Bearing Set w/Thrust Washers		M	M		O
	1	251185	.002 Main Bearing Set w/Thrust Washers					
	1	251186	.010 Main Bearing Set w/Thrust Washers					
	1	251187	.020 Main Bearing Set w/Thrust Washers					
	1	251188	.030 Main Bearing Set w/Thrust Washers					
	1	251521	Thrust Washer Set "For .007" Oversize Set Use 251522"					
	1	351232	Head Gasket Set (2)					
	1	351233	Valve Cover Gasket (3)					
	1	351523	Manifold Gasket Set					
	8	301114	Positive Valve Seal, Optional (Not in Gasket Sets) (4)					
	1	351525	Full Gasket Set w/Seals		M	M		O
	1	351524	Overhaul Gasket Set wo/Seals					
	1	351121	Crankcase Gasket Set (5)					
	1	351187	Pan Gasket Set (6)					
	1	351152	Front Crank Seal Kit		M	M		O
	1	351153	Rear Crank Seal Kit (7)		M	M		O
	1	751179	Rear Seal Housing Bolt Kit (Self Locking Bolts & Washers)					
	4	251518	Pin Bushing (Boreable)			M		
	4	251519	Pin Bushing (Honeable)					
	4	251244	Pin Bushing (.010 Oversize OD)					
	3	251259	Cam Bearing		M	M		
	1	751182	Rear Cam Plug		M	M		
	4	251388	Balancer Bushing					
	8	751163	Rod Bolt		M	M		O
	1	751252	Head Bolt Kit w/Washers (8)					

(1)Liner Shims .002 - 151486 / .004 - 151487 / .015 - 151488 / .030 - 151489 (2)Head Gasket - 351338 (3)Special Screw - 751256

(4)Use VST1812 Seal Tool

(5)Timing Cover Gkt - 351341

(6)Pan Gkt - 351343

(7)Rear Seal Housing Gkt - 351342

(8) Grade 8 (130 Ft Lbs)

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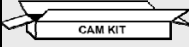
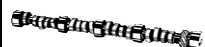
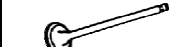
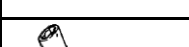
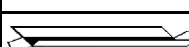
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APPLICATION:	Tractors: 3010; Wheel Tractors: 3010:		

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
							
	1	959324	Basic Valve Kit			B	
	1	959124	Valve Train Kit			V	
	1	551275	Camshaft Assembly (Includes Oil Pump Gear) (9)				
	1	551171	Cam Thrust Plate (3 Bolt / .120" Thick) (10)				
	1	551172	Cam Snap Ring				
	1	551173	Cam Key (1/8 x 5/8 Woodruff)				
	8	551157	Tappet				
	4	451211	Exhaust Valve		V	B	
	4	451212	Intake Valve		V	B	
	8	451213	Valve Guide		V	B	
	8	451115	Valve Spring		V	B	
	4	451189	Exhaust Rotator		V		
	4	451393	Intake Retainer				
	16	451188	Keeper (Half)		V	B	
	4	401186	Exhaust Valve Seat (1.375 x 1.687 x .219)				
	4	401152	Intake Valve Seat (1.562 x 1.812 x .219)				
	4	451257	Rocker Arm, LH				
	4	451258	Rocker Arm, RH				
	1	451259	Rocker Arm Shaft (11)				
	4	451261	Rocker Arm Shaft Clamp				
	1	551175	Cam Timing Gear				
	1	551182	Crank Timing Gear (.750" Wide)				
	1	551176	Idler Gear (Includes Bushing)				
	1	551177	Idler Gear Bushing				
	8	551276	Push Rod				
	1	651194	Oil Pump (Late Design 20 Tooth Drive Gear) (9) (12)				
	1	651195	Oil Pump Drive Gear/Shaft, Thru ESN 32999 (15 Tooth)				
	1	651196	Oil Pump Drive Gear/Shaft, After ESN 32999 (20 Tooth)				
	1	651167	Oil Pump Drive Gear Only, Original Pump Shaft (20 Tooth)				
	1	651161	Oil Pump Gear Set (1.500" OAL)				
	1	651157	Mounting Bolt Upgrade Kit (Self Locking Bolts & Washers)				
	1	651134	Valve Seat, Filter Bypass				
	1	751117	Crankshaft				
	1	751143	Balancer Drive Gear For Crankshaft				
	4	751255	Connecting Rod				
	2	751177	Balancer Shaft "For Snap Rings Use 751178"				
	1	851211	Thermostat, 180 Degree (13)				
	1	851218	Water Pump Kit (Early Style w/Hair Pin Clip)				
	1	851243	Water Pump Kit (Late Style wo/Clip In Hsg)				
	1	851245	Water Pump				
	1	851214	Fuel Pump				
	1	751181	Exhaust Manifold Bolt Kit (6 Bolts & Manifold Washers)				
	1	851253	OE Coolant Tank Heater Element				

(9) Must Use 20 Tooth Tach Gear - 551183 (11) For Original Rubber Plug Use 451262, For Late Style Flanged Steel Plug Use 451165

(10) Thrust Plate Lock - 551174

(12) Must Use Late 20 Tooth Cam - 551275

(13) Lower Thermostat Housing - 851215

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