

JOHN DEERE



ENGINE: 381D Thru #64999

Original Block

BORE: 4.125"	6 Cyl	Diesel	NOTES: Block # R26070 (Has Weep Holes), All Service Cylinder Kits Are 4.250" Bore
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APPLICATION: Tractors: 4010;
Wheel Tractors: 4010;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	954416	In-Frame Kit					I
	1	955416	Out-of-Frame Kit			O		
	1	956416	Major Kit		M			
	1	956417	Major Kit (Hi-Comp / Hypereutectic Pistons)		M			
	6	151511	Sleeve & Piston Assembly		M		O	I
	6	151512	Sleeve & Piston Asb (Hi-Comp / Hypereutectic Pistons)		M			
	6	151513	Piston Assembly (Late Hi-Ring Design)					
	6	151197	Liner Assembly (1)					
	6	151485	Liner O-Ring Package					
	1	151483	Block Repair Insert, Lower Liner Pilot Bore					
	6	151514	Piston Ring Set, 4.250" Bore (1-1/8 1-3/32 1-1/4)					
	6	151515	Piston Ring Set, 4.250" Bore (1-1/8 2-3/32 1-1/4)					
	6	151516	Piston Ring Set, 4.250" Bore (1-1/8 2-3/32 1-1/4)					
	6	101128	Piston Ring Set, 4.250" Bore (3-3/32 2-1/4)					
	6	151517	Piston Ring Set, 4.125" Bore (3-3/32 1-1/4)					
	6	151196	Piston Ring Set, 4.125" Bore (3-3/32 2-1/4)					
	6	251167	STD Rod Bearing		M	M	O	I
	6	251168	.002 Rod Bearing					
	6	251169	.010 Rod Bearing					
	6	251171	.020 Rod Bearing					
	6	251172	.030 Rod Bearing					
	1	251189	STD Main Bearing Set w/Thrust Washers		M	M	O	I
	1	251191	.002 Main Bearing Set w/Thrust Washers					
	1	251192	.010 Main Bearing Set w/Thrust Washers					
	1	251193	.020 Main Bearing Set w/Thrust Washers					
	1	251194	.030 Main Bearing Set w/Thrust Washers					
	1	251521	Thrust Washer Set "For .007" Oversize Set Use 251522"					
	1	351526	Head Gasket Set (2)					I
	1	351345	Valve Cover Gasket (3)					
	1	351527	Manifold Gasket Set					
	12	301114	Positive Valve Seal, Optional (Not in Gasket Sets) (4)					
	1	351528	Full Gasket Set w/Seals		M	M	O	
	1	351529	Overhaul Gasket Set wo/Seals					
	1	351182	Crankcase Gasket Set (5)					
	1	351237	Pan Gasket Set (6)					I
	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)					
	6	251518	Pin Bushing (Boreable)		M			
	6	251519	Pin Bushing (Honeable)					
	6	251244	Pin Bushing (.010 Oversize OD)					
	4	251259	Cam Bearing		M	M		
	1	751182	Rear Cam Plug		M	M		
	12	751163	Rod Bolt		M	M	O	I
	1	751257	Head Bolt Kit w/Washers (8)					

(1)Liner Shims .002 - 151486 / .004 - 151487 / .015 - 151488 / .030 - 151489 (2)Head Gasket - 351344 (3)Special Screw - 751256

(4)Use VST1812 Seal Tool

(5)Timing Cover Gkt - 351341

(6)Pan Gkt - 351157

(7)Rear Seal Housing Gkt - 351342

(8) Grade 8 (130 Ft Lbs)

JD-381-A

1/22/2006

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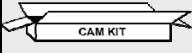
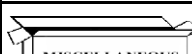


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Original Block

BORE: 4.125" 6 Cyl Diesel NOTES: Block # R26070 (Has Weep Holes), All Service Cylinder Kits Are 4.250" Bore

APPLICATION: Tractors: 4010;
Wheel Tractors: 4010;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
							
	1	959311	Basic Valve Kit			B	
	1	959111	Valve Train Kit			V	
	1	551185	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)				
	12	551157	Tappet				
	6	451211	Exhaust Valve		V	B	
	6	451212	Intake Valve		V	B	
	12	451213	Valve Guide		V	B	
	12	451115	Valve Spring		V	B	
	6	451189	Exhaust Rotator		V		
	6	451393	Intake Retainer				
	24	451188	Keeper (Half)		V	B	
	6	401186	Exhaust Valve Seat (1.375 x 1.687 x .219)				
	6	401152	Intake Valve Seat (1.562 x 1.812 x .219)				
	6	451257	Rocker Arm, LH				
	6	451258	Rocker Arm, RH				
	1	451264	Rocker Arm Shaft (11)				
	6	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				
	12	551276	Push Rod				
	1	651197	Oil Pump, Thru ESN 39499 (15 Tooth Drive Gear)				
	1	651198	Oil Pump (Late Design 20 Tooth Drive Gear) (9) (12)				
	1	651195	Oil Pump Drive Gear/Shaft, Thru ESN 39499 (15 Tooth)				
	1	651196	Oil Pump Drive Gear/Shaft, After ESN 39499 (20 Tooth)				
	1	651167	Oil Pump Drive Gear Only, Original Pump Shaft (20 Tooth)				
	1	651161	Oil Pump Gear Set (1.500" OAL)				
	1	651162	Oil Pump Cover/Screen				
	1	651157	Mounting Bolt Upgrade Kit (Self Locking Bolts & Washers)				
	2	651134	Valve Seat, Filter Bypass / Oil Cooler Bypass				
	1	751126	Crankshaft				
	1	751148	Crankshaft Damper Pulley				
	6	751255	Connecting Rod				
	2	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	751183	Exhaust Manifold Bolt Kit (8 Bolts & Manifold Washers)				

(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 - 551185

(13) Lower Thermostat Housing - 851215

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