

JOHN DEERE



ENGINE: 381D

ReplacementBlock

BORE: 4.125"	6 Cyl	Diesel	NOTES: Replacement Block # R40930, 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	954418	In-Frame Kit				I
	1	955418	Out-of-Frame Kit		O		
	1	956418	Major Kit	M			
	6	151518	Sleeve & Piston Assembly	M	O		I
	6	151513	Piston Assembly (Late Hi-Ring Design)				
	6	151519	Liner Assembly				
	6	151115	Liner O-Ring Package				
	1	151486	.002 Liner Shim				
	1	151521	Block Repair Insert, Lower Liner Pilot Bore (2 Grooves)				
	1	151522	Block Repair Insert, Lower Liner Pilot Bore (1 Groove)				
	6	151514	Piston Ring Set (1-1/8K 1-3/32 1-1/4)				
	6	151515	Piston Ring Set (1-1/8K 2-3/32 1-1/4)				
	6	151516	Piston Ring Set (1-1/8 2-3/32 1-1/4)				
	6	101128	Piston Ring Set (3-3/32 2-1/4)				
	6	251167	STD Rod Bearing	M	O		I
	6	251168	.002 Rod Bearing				
	6	251169	.010 Rod Bearing				
	6	251171	.020 Rod Bearing				
	6	251172	.030 Rod Bearing				
	1	251222	STD Main Bearing Set w/Thrust Washers	M	O		I
	1	251223	.002 Main Bearing Set w/Thrust Washers				
	1	251224	.010 Main Bearing Set w/Thrust Washers				
	1	251225	.020 Main Bearing Set w/Thrust Washers				
	1	251226	.030 Main Bearing Set w/Thrust Washers				
	1	251521	Thrust Washer Set (1)				
	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	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	O		
	1	351153	Rear Crank Seal Kit (7)	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			
	1	751182	Rear Cam Plug	M			
	12	751163	Rod Bolt	M	O		I
	1	751257	Head Bolt Kit w/Washers (8)				

(1).007" Oversize Thrust Washers - 251522 (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 Upgrade, Torque To 130 Ft Lbs

JD-381-C

1/22/2006

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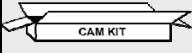
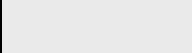
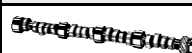
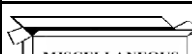


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APPLICATION: Tractors: 4010;
Wheel Tractors: 4010;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959518	Camshaft Kit (Includes Oil Pump Gear)					C
	1	959311	Basic Valve Kit				B	
	1	959111	Valve Train Kit				V	
	1	551185	Camshaft Assembly (Includes Oil Pump Gear) (9)					C
	1	551189	Cam Thrust Plate (4 Bolt / .120" Thick) (10)					
	1	551172	Cam Snap Ring					
	1	551173	Cam Key (1/8 x 5/8 Woodruff)					
	12	551181	Tappet					C
	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	551277	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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