

JOHN DEERE



ENGINE: 254D

ReplacementBlock

BORE: 4.125" 4 Cyl Diesel NOTES: Block # R40910, R46350, R46430, All Service Cylinder Kits Are 4.250" Bore

APPLICATION: Tractors: 3010;
Wheel Tractors: 3010:

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	954413	In-Frame Kit				I
	1	955413	Out-of-Frame Kit		O		
	1	956413	Major Kit	M			
	4	151518	Sleeve & Piston Assembly	M	O		I
	4	151513	Piston Assembly (Late Hi-Ring Design)				
	4	151519	Liner Assembly				
	4	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)				
	4	151514	Piston Ring Set (1-1/8K 1-3/32 1-1/4)				
	4	151515	Piston Ring Set (1-1/8K 2-3/32 1-1/4)				
	4	151516	Piston Ring Set (1-1/8 2-3/32 1-1/4)				
	4	101128	Piston Ring Set (3-3/32 2-1/4)				
	4	251167	STD Rod Bearing	M	O		I
	4	251168	.002 Rod Bearing				
	4	251169	.010 Rod Bearing				
	4	251171	.020 Rod Bearing				
	4	251172	.030 Rod Bearing				
	1	251216	STD Main Bearing Set w/Thrust Washers	M	O		I
	1	251217	.002 Main Bearing Set w/Thrust Washers				
	1	251218	.010 Main Bearing Set w/Thrust Washers				
	1	251219	.020 Main Bearing Set w/Thrust Washers				
	1	251221	.030 Main Bearing Set w/Thrust Washers				
	1	251521	Thrust Washer Set (1)				
	1	351232	Head Gasket Set (2)				I
	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	O		
	1	351524	Overhaul Gasket Set wo/Seals				
	1	351121	Crankcase Gasket Set (5)				
	1	351187	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)				
	4	251518	Pin Bushing (Boreable)	M			
	4	251519	Pin Bushing (Honeable)				
	4	251244	Pin Bushing (.010 Oversize OD)				
	3	251259	Cam Bearing	M			
	1	751182	Rear Cam Plug	M			
	4	251388	Balancer Bushing				
	8	751163	Rod Bolt	M	O		I
	1	751252	Head Bolt Kit w/Washers (8)				

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

JD-254-C

1/22/2006

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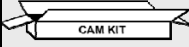


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APPLICATION: Tractors: 3010;
Wheel Tractors: 3010:

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959517	Camshaft Kit (Includes Oil Pump Gear)					C
	1	959324	Basic Valve Kit				B	
	1	959124	Valve Train Kit				V	
	1	551275	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)					
	8	551181	Tappet					C
	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	551277	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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