

JOHN DEERE



ENGINE: 404D #65000-214999

Original Block

BORE: 4.250"	6 Cyl	Diesel	NOTES: Original Block # R33180, R34340, R40890, R40900 (Has Weep Holes)
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APPLICATION: Combines: 105 #3001-19000; Tractors: 4020 Thru 200999;
Wheel Tractors: JD600 Thru 200999;

	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 (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	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	STD Thrust Washer Set					
	1	251522	.007 Thrust Washer Set					
	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, Thru 90999 (Bendix / Bosch) (8)					
	1	751258	Head Bolt Kit w/Washers, After 90999 (Pencil Nozzles) (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)

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1/28/2006

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APPLICATION: Combines: 105 #3001-19000; Tractors: 4020 Thru 200999;
Wheel Tractors: JD600 Thru 200999;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	959312	Basic Valve Kit			B	
	1	959112	Valve Train Kit		V		
	1	551185	Camshaft Assembly (Includes Oil Pump Gear) (9) (10)				
	1	551171	Cam Thrust Plate (3 Bolt / .120" Thick) (11)				
	12	551157	Tappet				
	6	451214	Exhaust Valve		V	B	
	6	451215	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		V		
	24	451188	Keeper (Half)		V	B	
	6	401191	Ex Valve Seat (1.500-T-1.562 x 1.750 x .250)				
	6	401192	In Valve Seat (1.687-T-1.750 x 1.937 x .250)				
	6	451257	Rocker Arm, LH				
	6	451258	Rocker Arm, RH				
	1	451264	Rocker Arm Shaft (12)				
	6	451261	Rocker Arm Shaft Clamp				
	1	551175	Cam Timing Gear				
	1	551182	Crank Timing Gear (.750" Wide)				
	1	551176	Idle Gear (Includes Bushing)				
	1	551177	Idle Gear Bushing				
	12	551276	Push Rod				
	1	651198	Oil Pump: Except Combine "Pump Shaft Spring - 651213"				
	1	651196	Oil Pump Drive Gear/Shaft (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)				
	3	651134	Valve Seat, Filter Bypass / Pressure Regulator / Oil Cooler				
	1	651164	Oil Cooler: 4020 Tractors "Return Pipe Assembly - 651212"				
	1	751126	Crankshaft				
	1	751148	Damper Pulley: 4020 Tractors wo/Air Conditioning				
	1	751259	Damper Pulley: 4020 Tractors w/Air Conditioning				
	6	751255	Connecting Rod				
	2	851211	Thermostat, 180 Degree (13)				
	1	851218	Water Pump Kit: 4020 (Early Style w/Hair Pin Clip)				
	1	851243	Water Pump Kit: 4020 wo/AC (Late Style wo/Clip In Hsg)				
	1	851244	Water Pump Kit: 4020 w/AC; JD600 Tractors; 105 Combines				
	1	851245	Water Pump: 4020 Tractors wo/Air Conditioning				
	1	851246	Water Pump: JD600 Wheel Tractors; 105 Combines				
	1	851188	Fuel Pump				
	1	751183	Ex Manifold Bolt Kit: Except Combine (8 Bolts & Washers)				

(9) Cam Key - 551173

(10) Cam Snap Ring - 551172

(11) Thrust Plate Lock - 551174

(12) For Original Rubber Plug Use 451262, For Late Style Flanged Steel Plug Use 451165

(13) Lower Thermostat Housing - 851215

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