

JOHN DEERE



ENGINE: 4270D After #124999

BORE: 4.250" 4 Cyl Diesel NOTES: Block # R40700, R47520, R48430, R50610, R72127

APPLICATION: Backhoes: JD500A After 123113; JD500B, 500C, 510; Tractors: 3020 After 122999;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	954414	In-Frame Kit					I
	1	955414	Out-of-Frame Kit			O		
	1	956414	Major Kit				M	
	1	956415	Major Kit (Hi-Comp / Hypereutectic Pistons)				M	
	4	151523	Sleeve & Piston Assembly				M	
	4	151524	Sleeve & Piston Asb (Hi-Comp / Hypereutectic Pistons)				M	
	4	151525	Piston Assembly (Late Hi-Ring Design)					O
	4	151519	Liner Assembly					I
	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	101128	Piston Ring Set (3-3/32 2-1/4)					
	4	151528	Piston Ring Set, Used w/151524 (1-1/8K 1-3/32 1-3/16)					
	4	251167	STD Rod Bearing				M	
	4	251168	.002 Rod Bearing				M	
	4	251169	.010 Rod Bearing					O
	4	251171	.020 Rod Bearing					I
	4	251172	.030 Rod Bearing					
	1	251216	STD Main Bearing Set w/Thrust Washers				M	
	1	251217	.002 Main Bearing Set w/Thrust Washers				M	
	1	251218	.010 Main Bearing Set w/Thrust Washers					O
	1	251219	.020 Main Bearing Set w/Thrust Washers					I
	1	251221	.030 Main Bearing Set w/Thrust Washers					
	1	251521	STD Thrust Washer Set					
	1	251522	.007 Thrust Washer Set					
	1	351234	Head Gasket Set (1)					I
	1	351233	Valve Cover Gasket (2)					
	1	351523	Manifold Gasket Set					
	8	301114	Positive Valve Seal, Optional (Not in Gasket Sets) (3)					
	1	351532	Overhaul Gasket Set wo/Seals				M	
	1	351121	Crankcase Gasket Set (4)				M	
	1	351187	Pan Gasket Set (5)					O
	1	351152	Front Crank Seal Kit				M	
	1	351153	Rear Crank Seal Kit (6)				M	
	1	751179	Rear Seal Housing Bolt Kit (Self Locking Bolts & Washers)					O
	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	
	1	751261	Head Bolt Kit				M	
	1	751181	Exhaust Manifold Bolt Kit (6 Bolts & Manifold Washers)					O
	1	651157	Oil Pump Mtg Bolt Upgrade Kit (Self Lock Bolts & Washers)					I

(1)Head Gasket Only - 351531

(2)Special Valve Cover Screw - 751256

(3)Use VST1812 Seal Tool

(4)Timing Cover Gasket - 351341

(5)Pan Gasket Only - 351343

(6)Rear Seal Housing Gasket - 351342

JD-270-E

1/28/2006

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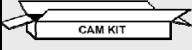
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	959519	Camshaft Kit (Includes Oil Pump Gear/Shaft)				C
	1	959323	Basic Valve Kit			B	
	1	959123	Valve Train Kit		V		
	1	551196	Camshaft (7) (8)				C
	1	551186	Cam Thrust Plate (4 Bolt / .187" Thick)				
	1	551197	Cam Gear Bolt, Late or Replacement Cam (1/2 x 1.750") (9)				
	8	551181	Tappet				C
	4	451216	STD Exhaust Valve		V	B	
	4	451394	.003 Exhaust Valve				
	4	451395	.015 Exhaust Valve				
	4	451396	.030 Exhaust Valve				
	4	451217	STD Intake Valve		V	B	
	4	451397	.003 Intake Valve				
	4	451398	.015 Intake Valve				
	4	451399	.030 Intake Valve				
	8	401141	Service Repair Valve Guide (.502" OD / 3.062" OAL) (10)				
	8	451115	Valve Spring		V	B	
	4	451187	Exhaust Rotator		V		
	4	451411	Intake Retainer				
	8	451198	Valve Wear Cap				
	16	451164	Keeper (Half)		V	B	
	4	451412	STD Exhaust Valve Seat (1.500 x 1.750 x .250)				
	4	451414	.010 Exhaust Valve Seat (1.500 x 1.760 x .250)				
	4	451413	STD Intake Valve Seat (1.687 x 1.937 x .250)				
	4	451415	.010 Intake Valve Seat (1.687 x 1.947 x .250)				
	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)				
	8	551277	Push Rod				
	1	651196	Oil Pump Drive Gear/Shaft				C
	1	651211	Pump Shaft Spring, End Play Control				
	1	651161	Oil Pump Gear Set (1.500" OAL)				
	3	651134	Valve Seat, Filter Bypass / Pressure Regulator / Oil Cooler				
	1	651164	Oil Cooler "Cooler Return Pipe Assembly - 651212"				
	1	751118	Crankshaft "Includes 751143 Balancer Drive Gear"				
	4	751255	Connecting Rod "Cap Alignment Sleeve - 751262"				
	2	751177	Balancer Shaft "For Snap Rings Use 751178"				
	1	851211	Thermostat, 180 Degree (12)				
	1	851245	Water Pump: 3020 Tractors "For Kit Use 851243"				
	1	851246	Water Pump: JD500A, JD500B, 500C, 510 "Kit - 851244"				
	1	851188	Fuel Pump: 3020, JD500A, JD500B "500C&510 Use 851247"				
	1	851248	Block Heater, ESN 280001-307836 (13)				

(7)Cam Key - 551173 (8).193" Gear Spacer - 551198 (9)Gear Washer - 551194 (10)Optional Hardened Guide Use 401193

(11)For Early Rubber Plug Use 451262, For Late Style Flanged Steel Plug Use 451165 (12)Lower Thermostat Housing - 851215

(13)Tank Element - 851253

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