

JOHN DEERE



ENGINE: 6531D After #11999

BORE: 4.750"	6 Cyl	Diesel	NOTES: Block # R40270, R42370, R45300, R47510, Pencil Nozzles, Bowl (.915" x 2.500")
APPLICATION: Scrapers: JD760, JD760A; Tractors: 5020 (1966-1972); Early 6030; Wheel Tractors: JD700A;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	951198	Underhaul Kit					U
	1	954177	In-Frame Kit				I	
	1	955177	Out-of-Frame Kit			O		
	1	956177	Major Kit					
	6	151442	Sleeve & Piston Assembly	M		O	I	
	6	151443	Piston Kit (Includes Pin & Rings)					
	6	151444	Liner Assembly					
	6	151445	Liner O-Ring Package					
	6	151578	.004 Liner Shim (1)					
	6	151448	Piston Ring Set (3-3/32 1-1/4)					
	6	151449	Piston Ring Set (1-5/32K 1-3/32 1-1/4)					
	6	251233	STD Rod Bearing	M		O	I	U
	6	251234	.002 Rod Bearing					
	6	251235	.010 Rod Bearing					
	6	251236	.020 Rod Bearing					
	6	251237	.030 Rod Bearing					
	1	251238	STD Main Bearing Set w/Thrust Washers	M		O	I	U
	1	251239	.002 Main Bearing Set w/Thrust Washers					
	1	251241	.010 Main Bearing Set w/Thrust Washers					
	1	251242	.020 Main Bearing Set w/Thrust Washers					
	1	251243	.030 Main Bearing Set w/Thrust Washers					
	1	251541	STD Thrust Washer Set					
	1	251542	.007 Thrust Washer Set					
	1	351281	Head Gasket Set				I	
	1	351282	Head Gasket					
	1	351621	Valve Cover Gasket (2)					
	1	351283	Crankcase Gasket Set wo/Seals					
	1	351619	Block Gasket Set					
	1	351622	Timing Cover Gasket					
	1	351546	Full Gasket Set w/Seals	M		O		
	1	351284	Overhaul Gasket Set wo/Seals					
	1	351278	Pan Gasket Set				I	U
	1	351277	Pan Gasket					
	1	351152	Front Crank Seal Kit	M		O		
	1	351158	Rear Crank Seal Kit	M		O		
	1	351623	Rear Seal Housing "Use When Replacing Face Type Seal"					
	6	251543	Pin Bushing (Boreable / 1.750" Pin)	M				
	6	251544	Pin Bushing (Honeable / 1.750" Pin)					
	4	251259	Cam Bearing	M				
	1	751182	Rear Cam Plug	M				
	12	751161	Rod Bolt	M		O	I	U
	1	751291	Head Bolt Kit, Block # R40270 or R42370 Thru ESN 21789					
	1	751294	Head Bolt Kit, Block # R40270 or R42370 After ESN 21789					
	1	751295	Head Bolt Kit, Block # R45300 or R47510					

(1)Additional Liner Shims: .015 - 151579 / .030 - 151581 / .050 - 151582

(2)Special Valve Cover Screw - 751256

JD-531-D

4/6/2006

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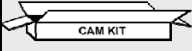
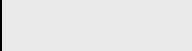
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959523	Camshaft Kit "Must Be Used w/551318 Push Rods"					C
	1	959339	Basic Valve Kit				B	
	1	959139	Valve Train Kit				V	
	1	551314	Camshaft "Use w/551316 Tappets & 551318 Push Rods"					C
	1	551189	Cam Thrust Plate (4 Bolt / .120" Thick)					
	1	551319	Cam Gear Bolt, Late or Replacement Cam (1/2 x 4.500")					C
	1	551315	Cam Key (5/32 x 3/4 Woodruff)					
	12	551316	Tappet "Must Be Used w/551318 Push Rods"					C
	6	451241	Exhaust Valve		V		B	
	6	451242	Intake Valve		V		B	
	12	451233	Valve Guide		V		B	
	12	451244	Valve Spring		V		B	
	6	451245	Exhaust Rotator		V			
	24	451461	Keeper (Half)		V		B	
	12	451186	Valve Wear Cap					
	6	351624	Intake Valve Seal (O-Ring)					
	12	301122	Positive Valve Seal, Optional (Not in Gasket Sets) (3)					
	6	451468	STD Exhaust Valve Seat (1.665 x 1.919 x .250) (4)					
	6	451469	.010 Exhaust Valve Seat (1.665 x 1.929 x .250)					
	6	451471	STD Intake Valve Seat (1.960 x 2.212 x .250) (5)					
	6	451472	.010 Intake Valve Seat (1.960 x 2.222 x .250)					
	6	451462	Rocker Arm, LH					
	6	451463	Rocker Arm, RH					
	1	451464	Rocker Arm Shaft (6)					
	6	451466	Rocker Arm Shaft Clamp					
	1	551321	Cam Timing Gear (Includes Injection Pump Drive Gear)					
	1	551322	Crank Timing Gear					
	1	551177	Idler Gear Bushing					
	12	551317	Push Rod, Thru ESN 15499 "Use w/Original Tappets"					
	12	551318	Push Rod, After ESN 15499 "Use w/Replacement Tappets"					
	1	651239	Oil Pump "Mounting Bolt Kit - 651157"					
	1	651236	Oil Pump Drive Gear/Shaft					
	1	651161	Oil Pump Gear Set (1.500" OAL)					
	1	651237	Oil Pump Screen					
	1	651238	Oil Cooler					
	4	651134	Valve Seat, Bypass / Relief / Regulator					
	1	751125	Crankshaft					
	1	751292	Damper Pulley, wo/AC					
	2	851199	Thermostat, 160 Degree					
	2	851211	Thermostat, 180 Degree "Optional 192 Degree - 851259"					
	2	851215	Lower Thermostat Housings (Offset / Aluminum)					
	1	851284	Water Pump, wo/AC					
	1	851285	Water Pump Kit					
	1	851188	Fuel Pump					
	1	751296	Exhaust Manifold Bolt Kit (8 Bolts & Manifold Washers)					

(3)Tool - VST20A14 (4)1.937" OD For Heads wo/Inserts - 401195 (5)2.250" OD For Heads wo/Inserts - 401196 (6)Plug - 451465

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