

JOHN DEERE



ENGINE: 6329D/T (Late)
Naturally Aspirated / Turbocharged

BORE: 4.0157" 6 Cyl Diesel NOTES: 1.375" Piston Pin, O-Ring Grooves In Block

APPLICATION: Backhoe Loaders: 710B; Combines: 4400, 6600 After ESN 277647; Early 4420; Cotton Pickers: 9900;
Cotton Strippers: 482; 484 Thru 276; Graders: 570A Aft ESN 275230; Log Skidders: JD540A Aft 186803;
Log Skidders: JD540A(C) After XXXXXX; Power Units: 329DH01, 329DH02, 329DN03 After 277647; 6329D;
Tractors: 2840, 3030(E), 3130(E); 4030 After ESN 277549; Wheel Loaders: JD444, 444C, 444CH;
Wheel Loaders: 444D Thru ESN 511476; JD544A After 181261; JD544A(C) After XXXXXX;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT					
	1	954231	In-Frame Kit (STD Compression) (1)						I
	1	954255	In-Frame Kit (High Compression Option) (1)						I
	1	955231	Out-of-Frame Kit (STD Compression) (1)				O		
	1	955255	Out-of-Frame Kit (High Compression Option) (1)				O		
	1	956231	Major Kit (STD Compression) (1)			M			
	1	956255	Major Kit (High Compression Option) (1)			M			
	6	151628	Sleeve & Piston Assembly (STD Compression)		M	M	O		I
	6	151631	Sleeve & Piston Assembly (High Compression Option)		M		O		I
	6	151629	Piston Assembly (STD Compression / Marked B)						
	6	151632	Piston Assembly (High Compression Option / Marked H)						
	6	151423	Liner Assembly (7.720" OAL) (2)						
	6	151424	Liner O-Ring Package						
	6	151478	Block Repair Sleeve, Lower Liner Pilot Bore (Grooves In Blk)						
	6	151626	Piston Ring Set (1-1/8K 1-3/32 1-5MM)						
	6	251111	STD Rod Bearing		M	M	O	O	I
	6	251112	.010 Rod Bearing						
	6	251113	.020 Rod Bearing						
	6	251114	.030 Rod Bearing						
	1	251271	STD Main Bearing Set		M	M	O	O	I
	1	251272	.010 Main Bearing Set						
	1	251273	.020 Main Bearing Set						
	1	251274	.030 Main Bearing Set						
	1	351184	Head Gasket Set "Head Gasket Only - 351336"						I
	1	351332	Valve Cover Gasket (Cork) (3)						I
	1	351156	Valve Cover Gasket (SEMR) (3)						
	12	351161	Valve Seal (O-Ring) "Seals For Head # R61035 - 351682"						
	1	351678	Full Gasket Set w/Seals (1)		M	M	O	O	
	1	351679	Overhaul Gasket Set wo/Seals (1)						
	1	351176	Crankcase Gasket Set wo/Seals (1)						
	1	351267	Lower Gasket Set w/Seals (1)						
	1	351672	Block Gasket Set						
	1	351334	Pan Gasket: 4030 Tractor "Clutch Hsg Split Gkt - 351681"						
	1	351155	Pan Gasket: Except 4030 Tractor						
	1	351667	Pan Gasket Set: Except 4030 (1-Gkt, 2-O-Rings, 1-D-Ring)						I
	1	351128	Front Crank Seal		M	M	O	O	
	1	351154	Front Crank Spacer Assembly						
	1	351228	Front Crank Seal Kit (Includes Repair Sleeve)						
	1	351129	Rear Crank Seal Kit		M	M	O	O	
	6	251563	Pin Bushing (Boreable / 1.375" Pin)		M	M			
	6	251564	Pin Bushing (Honeable / 1.375" Pin)						
	12	751168	Rod Bolt: Rods Marked R51727 (2.125" Length)		M	M	O	O	I
	12	751128	Rod Bolt: Rods Marked R80034 (2.375" Length)						
	1	751335	Head Bolt Kit w/Washers, Except Below (3-5.00" 23-4.25")						
	1	751338	Head Bolt Kit wo/Water Manifold (26-4.25" 26-Washers)						
	26	751129	Head Bolt wo/Water Manifold (1/2 x 4.375 Flanged Head)						

(1)Also Supply 351334 Pan Gasket For 4030 Tractors (2)Liner Shims: .002 - 151475 / .004 - 151476 (3)Special Screw - 751256

JD-329-H

5/4/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

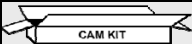
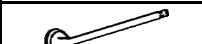
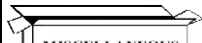
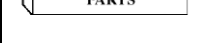
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959526	Camshaft Kit					C
	1	959318	Basic Valve Kit: Except 444CH; 444D w/Turbo				B	
	1	959329	Basic Valve Kit: 444CH; 444D w/Turbo (30 Degree Intake)				B	
	1	959118	Valve Train Kit: Except 444CH; 444D w/Turbo			V		
	1	959129	Valve Train Kit: 444CH; 444D w/Turbo (30 Degree Intake)			V		
	1	551559	Camshaft "Use w/Screw-In Tach Drive (4)"					C
	1	551112	Cam Thrust Plate					C
	12	551113	Tappet					C
	6	451221	STD Exhaust Valve (45 Degree) (5)	V	V	B	B	
	6	451222	STD Intake Valve: Except 444CH; 444D w/Turbo (45 Deg) (6)		V		B	
	6	451223	STD Intake Valve: 444CH; 444D w/Turbo (30 Degree) (7)	V		B		
	12	401149	Ex/In Service Repair Valve Guide (.564 OD / 2.750" OAL) (8)					
	12	451115	Valve Spring	V	V	B	B	
	12	451187	Rotator "Will Replace 451411 Spring Retainer"	V	V			
	12	451198	Valve Wear Cap					
	24	451164	Keeper (Half)	V	V	B	B	
	6	451519	Exhaust Seat, OEM Seat (1.412 x 1.638 x .218 x 45 Deg)					
	6	401186	Exhaust Seat, STD Cutter (1.375 x 1.687 x .219 x 45 Deg)					
	6	401168	Intake Seat, STD Cutter (1.625 x 1.875 x .219 x 45 Degree)					
	6	451522	Intake Seat: 444CH; 444D Turbo (1.608 x 1.858 x .209 x 30°)					
	12	451124	Rocker Arm					
	1	451243	Rocker Arm Shaft					
	2	451165	Rocker Arm Shaft Plug (.464") "Early .500" Plug - 451521"					
	1	551137	Cam Gear (48 Teeth)					
	1	551138	Crank Gear (24 Teeth)					
	1	551166	Upper Idler Gear (55 Teeth) "Bushing - 551142 (.840" Wide)"					
	1	551141	Lower Idler Gear (45 Teeth) "Bushing - 551143 (.750" Wide)"					
	12	551342	Push Rod					
	1	651128	New Oil Pump: Exc 710B "May Need 651132 Outlet Tube"					
	1	651131	Oil Pump Kit: Except 710B (1.625" Gears)					
	1	651132	Oil Pump Outlet Tube: Exc 710B "Use w/Repl Pump"					
	1	651144	Oil Pump Inlet Screen: Exc JD540, 710B (2 Bolt Mtg Flange)					
	1	651142	Oil Pressure Regulator Valve Kit					
	1	651151	Oil Cooler (10 Plate Doughnut Type) (9)					
	1	751114	Crankshaft					
	6	751336	Connecting Rod (1.375" Pin)					
	1	851188	Fuel Pump: Except JD540, JD544, Power Units, 3030, 3130					
	1	851194	Thermostat: Engines w/Water Manifold (195 Degree) (10)					
	1	851323	Water Pump: 484, 570A; 6329D Power Unit; 7640, 9900 (11) Water Pump Kits w/Impeller (12) Pump Kits wo/Impeller					

(4)Late Screw-In Tach Drive: Shaft Type - 551136 / Gear Type (.541 Gear Length) - 551146 / Gear Type (.711 Gear Length) - 551147

(5).003 - 451513 / .015 - 451514 / .030 - 451515 (6).003 - 451516 / .015 - 451517 / .030 - 451518 (7).003 - 451524 / .015 - 451525

(8)For Spiral ID - 401189 (.502 OD)

(9)May Need Installation Kit - 651252

(10)180 Degree - 851258

(11)482, 484, 570A, 6329D, 7640, 9900 - 851196 / JD444, JD540A, JD544 - 851327 / 4030 - 851195 / 4400, 4420, 6600 - 851197

(12)2840, 3030, 3130 - 851324

(12)444C, 444CH, 444D - 851328 / 710B - 851329