

JOHN DEERE



ENGINE: 164 Gas (Late)

BORE: 4.0157"	3 Cyl	Gas	NOTES: Block # T32347, R72966, Has O-Ring Grooves In Block, 7.720" OAL Liners
APPLICATION: Backhoe Loaders: 302A, JD310; Power Units: JD164G; Tractors: 1520 After ESN 158993; Wheel Loaders: 302;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	954125	In-Frame Kit			I	
	1	955125	Out-of-Frame Kit		O		
	3	151425	Sleeve & Piston Assembly		O	I	
	3	151417	Piston Assembly				
	3	151423	Liner Assembly				
	3	151424	Liner O-Ring Package				
	3	151475	.002 Liner Shim				
	3	151476	.004 Liner Shim				
	3	151478	Block Repair Sleeve, Lower Liner Pilot Bore (Grooves In Blk)				
	3	151418	Piston Ring Set (2-3/32 1-5MM)				
	3	251111	STD Rod Bearing		O	I	
	3	251112	.010 Rod Bearing				
	3	251113	.020 Rod Bearing				
	3	251114	.030 Rod Bearing				
	1	251262	STD Main Bearing Set		O	I	
	1	251263	.010 Main Bearing Set				
	1	251264	.020 Main Bearing Set				
	1	251265	.030 Main Bearing Set				
	1	351257	Head Gasket Set			I	
	1	351123	Head Gasket				
	1	351328	Valve Cover Gasket (Cork)				
	1	351148	Valve Cover Gasket (SEMR)				
	6	351161	Valve Seal (O-Ring)				
	1	351227	Manifold Gasket Set				
	1	351258	Overhaul Gasket Set wo/Seals		O		
	1	351261	Full Gasket Set w/Lip Seals				
	1	351259	Crankcase Gasket Set wo/Seals				
	1	351147	Lower Gasket Set w/Lip Seals				
	1	351126	Pan Gasket Set: 1520, 302			I	
	1	351127	Pan Gasket Set: 302A, JD310				
	1	351128	Front Crank Seal				
	1	351228	Front Crank Seal Kit (Includes Wear Sleeve)				
	1	351129	Rear Crank Seal Kit				
	3	251421	Pin Bushing (Boreable)				
	3	251422	Pin Bushing (Honeable)				
	6	751168	Rod Bolt: Rods Marked T20007 (2.125" Length)				
	6	751128	Rod Bolt: Rods Marked R81410 (2.375" Length)				
	1	751146	Head Bolt Kit w/Washers				

CLICK THE ITEM # TO VIEW OR PURCHASE PART

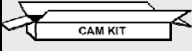
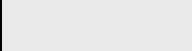
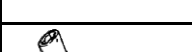
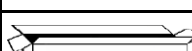
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	1	959511	Camshaft Kit					C
	1	959342	Basic Valve Kit				B	
	1	959142	Valve Train Kit				V	
	1	551134	Camshaft "Use w/Screw-In Tach Drive"					C
	1	551112	Cam Thrust Plate					
	1	551136	Tach Drive Shaft (Late Screw-In Style)					
	1	551146	Tach Drive Gear (Late Screw-In Style/.541" Gear Length)					
	1	551147	Tach Drive Gear (Late Screw-In Style/.711" Gear Length)					
	6	551113	Tappet					C
	3	451157	STD Exhaust Valve (Stellite)		V		B	
	3	451158	.003 Exhaust Valve					
	3	451159	STD Intake Valve		V		B	
	3	451161	.003 Intake Valve					
	6	401149	Ex/In Service Repair Valve Guide (.564 OD / 2.750" OAL)					
	6	451115	Valve Spring		V		B	
	3	451162	Exhaust Rotator		V			
	12	451164	Valve Keeper (Half)		V		B	
	3	401151	Exhaust Seat					
	3	401152	Intake Seat					
	6	451124	Rocker Arm					
	1	451125	Rocker Arm Shaft					
	2	451165	Rocker Arm Shaft Plug (.464)					
	1	551137	Cam Gear					
	1	551138	Crank Gear					
	1	551166	Upper Idler Gear					
	1	551142	Upper Idler Gear Bushing (.840" Wide)					
	1	551141	Lower Idler Gear					
	1	551143	Lower Idler Gear Bushing (.750" Wide)					
	1	551145	Oil Pump Drive Gear					
	6	551144	Push Rod					
	1	651128	New Oil Pump "May Need 651132 Tube & 651133 Inlet"					
	1	651129	Oil Pump Kit, Early w/Original Pump (1.417" Gears)					
	1	651131	Oil Pump Kit, Late & Replacement Pump (1.625" Gears)					
	1	651132	Oil Pump Outlet Tube, Late & Replacement Pump (2 Bends)					
	1	651133	Oil Pump Inlet Screen (2 Bolt Mtg Flange)					
	1	651134	Oil Pressure Valve Seat					
	1	651135	Oil Pressure Valve					
	1	651136	Oil Pressure Valve Spring					
	2	751147	Plug, External Head					
	1	851169	Governor Kit: Except Power Units					
	1	851173	Fuel Pump					
	1	851163	Thermostat, 180 Degree (1)					
	1	851171	Water Pump Kit: 1520 (Includes Impeller)					
	1	851192	Water Pump Kit: Except 1520 (Includes Impeller)					

(1)For 160 Deg Use 851159; For 192 Deg Use 851172

JD-164-B

7/1/2006

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