

JOHN DEERE



ENGINE: 219 Gas

BORE: 4.0157"	4 Cyl	Gas	NOTES: Block # T32348, Has O-Ring Grooves In Block, 7.720" OAL Liners
APPLICATION: Backhoe Loaders: 401C; 410 After # 192000; Combines: 3300 After # 3000; Cotton Pickers: 499 Thru # 1200; Cotton Strippers: 482; Forklifts: JD480B; Power Units: JD219G; Tractors: 2030; Wheel Loaders: 401B;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	954169	In-Frame Kit			I	
	1	955169	Out-of-Frame Kit	O			
	4	151425	Sleeve & Piston Assembly	O		I	
	4	151417	Piston Assembly				
	4	151423	Liner Assembly				
	4	151424	Liner O-Ring Package				
	4	151475	.002 Liner Shim				
	4	151476	.004 Liner Shim				
	4	151478	Block Repair Sleeve, Lower Liner Pilot Bore (Grooves In Blk)				
	4	151418	Piston Ring Set (2-3/32 1-5MM)				
	4	251136	STD Rod Bearing	O		I	
	4	251137	.002 Rod Bearing				
	4	251138	.010 Rod Bearing				
	4	251139	.020 Rod Bearing Set				
	4	251141	.030 Rod Bearing Set				
	1	251163	STD Main Bearing Set	O		I	
	1	251164	.010 Main Bearing Set				
	1	251165	.020 Main Bearing Set				
	1	251166	.030 Main Bearing Set				
	1	351269	Head Gasket Set			I	
	1	351337	Head Gasket				
	1	351325	Valve Cover Gasket (Cork)				
	1	351151	Valve Cover Gasket (SEMR)				
	8	351161	Valve Seal (O-Ring)				
	1	351326	Manifold Gasket Set				
	1	351271	Overhaul Gasket Set wo/Seals	O			
	1	351272	Full Gasket Set w/Lip Seals				
	1	351259	Crankcase Gasket Set wo/Seals				
	1	351147	Lower Gasket Set w/Lip Seals				
	1	351149	Pan Gasket Set (Cast or Aluminum Pan)			I	
	1	351327	Pan Gasket Set (Sheet Metal Pan)				
	1	351128	Front Crank Seal				
	1	351228	Front Crank Seal Kit (Includes Wear Sleeve)				
	1	351129	Rear Crank Seal Kit				
	4	251135	Pin Bushing				
	6	251423	Balancer Bushing				
	6	251424	2.00MM Oversize Balancer Bushing				
	8	751169	Rod Bolt				
	8	751139	Rod Nut				
	1	751167	Head Bolt Kit w/Washers				

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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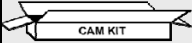
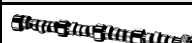
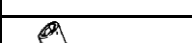
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Power Units: JD219G; Tractors: 2030; Wheel Loaders: 401B;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
							
	1	959331	Basic Valve Kit			B	
	1	959131	Valve Train Kit		V		
	1	551162	Camshaft "Use w/Screw-In Tach Drive"				
	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)				
	8	551113	Tappet				
	4	451157	STD Exhaust Valve (Stellite)		V	B	
	4	451158	.003 Exhaust Valve				
	4	451159	STD Intake Valve		V	B	
	4	451161	.003 Intake Valve				
	8	401149	Ex/In Service Repair Valve Guide (.564 OD / 2.750" OAL)				
	8	451115	Valve Spring		V	B	
	4	451162	Exhaust Rotator		V		
	16	451164	Valve Keeper (Half)		V	B	
	4	401151	Exhaust Seat				
	4	401152	Intake Seat				
	8	451124	Rocker Arm				
	1	451254	Rocker Arm Shaft				
	2	451165	Rocker Arm Shaft Plug (.464") "Early .500" Plug - 451521"				
	1	551137	Cam Gear				
	1	551138	Crank Gear				
	1	551166	Upper Idler Gear "For Bushing Use 551142 (.840" Wide)"				
	1	551141	Lower Idler Gear "For Bushing Use 551143 (.750" Wide)"				
	1	551163	LH Balancer Shaft Gear				
	1	551164	RH Balancer Shaft Gear				
	1	551145	Oil Pump Drive Gear				
	8	551165	Push Rod				
	1	651128	New Oil Pump "May Need 651132 Tube & 651133 Inlet"				
	1	651129	Oil Pump Kit, 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, Late (2 Bolt Mtg Flange) (1)				
	1	651151	Oil Cooler (Doughnut Type)				
	1	651142	Oil Pressure Regulator Valve Kit				
	1	751171	LH Balancer Shaft Asb "Upgrade To 751333 Matched Pair"				
	1	751172	RH Balancer Shaft Asb "Upgrade To 751333 Matched Pair"				
	1	851169	Governor Kit: Except 3300 Combine & Power Units				
	1	851193	Governor Kit: 3300 Combines & Power Units				
	1	851173	Fuel Pump				
	1	851163	Thermostat, 180 Degree (2)				
	1	851192	Water Pump Kit: Except 499 Cotton Picker (Incls Impeller)				

(1)For 3300 Combine (Shallow Pan) Use 651143

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

JD-219-B

2/10/2006

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