

JOHN DEERE



ENGINE: 6359T/A

Turbocharged/Aftercooled

BORE: 4.1929" 6 Cyl Diesel NOTES: .375" Valve Stem Diameter, 1.625" Piston Pin, 7.720" OAL Liners

APPLICATION: Backhoe Loaders: 710B, 710C; Combines: 4435 Hydro, 9400; Cotton Pickers: 9920, 9930;

TO-Dubuque Engine Cotton Strippers: 7445; Graders: 570B; Power Units: 6359T/A (Dubuque), 6359T/A (Saran);

CD-Saran Engine Tractors: 3255; 4050 After 6509; Wheel Loaders: 444D After ESN 511476; 544E, 544EH Thru ESN 299999

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT					
	1	954233	In-Frame Kit (High Ring)						I
	1	954262	In-Frame Kit (Low Ring)						I
	1	955233	Out-of-Frame Kit (High Ring)				O		
	1	955262	Out-of-Frame Kit (Low Ring)				O		
	1	956233	Major Kit (High Ring)			M			
	1	956262	Major Kit (Low Ring)			M			
	6	151641	Sleeve & Piston Assembly (High Ring)			M		O	I
	6	151642	Sleeve & Piston Assembly (Low Ring)			M		O	I
	6	151643	Piston Assembly (High Ring)						
	6	151644	Piston Assembly (Low Ring)						
	6	151412	Liner Assembly (7.720" OAL) (1)						
	6	151115	Liner O-Ring Package						
	6	151639	Block Repair Sleeve, Lower Liner Pilot Bore (.870" OAL)						
	6	151116	Piston Ring Set (1-1/8K 1-3/32 1-3.5MM)						
	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						I
	1	351336	Head Gasket						I
	1	351332	Valve Cover Gasket (Cork) (2)						
	1	351156	Valve Cover Gasket (SEMR) (2)						
	12	351161	Valve Seal (O-Ring)						
	12	351682	Valve Seal, Late Stepped Guide (Positive Type Viton) (3)						
	1	351694	Intercooler Gasket Set (3)						
	1	351688	Full Gasket Set w/Seals						
	1	351689	Overhaul Gasket Set w/Seals		M	M	O	O	
	1	351176	Crankcase Gasket Set w/Seals						
	1	351267	Lower Gasket Set w/Seals						
	1	351672	Block Gasket Set						
	1	351334	Pan Gasket: 4050 Tractor "Clutch Hsg Split Gkt - 351691"						
	1	351155	Pan Gasket: Except 4050 Tractor						
	1	351687	Pan Gasket Set (2-Gaskets, 5-O-Rings)						I
	1	351128	Front Crank Seal		M	M	O	O	
	1	351154	Front Crank Spacer Assembly (3)						
	1	351228	Front Crank Seal Kit (Includes Wear Sleeve)						
	1	351129	Rear Crank Seal Kit		M	M	O	O	
	6	251565	Pin Bushing (Boreable / 1.625" Pin)		M	M			
	6	251566	Pin Bushing (Honeable / 1.625" Pin)						
	12	751128	Rod Bolt (2.375" Length)		M	M	O	O	I
	1	751338	Head Bolt Kit, Early (26-4.25" Bolts 26-Washers)						
	26	751129	Head Bolt, Late (1/2 x 4.41" Flanged Head Bolt)						

(1)Liner Shims: .002 - 151637 / .004 - 151638

(2)Special Valve Cover Screw - 751256

(3)Not Included In Gasket Sets Or Kits

JD-359-E

6/15/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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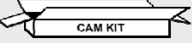
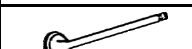
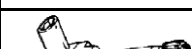


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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959526	Camshaft Kit					C
	1	959329	Basic Valve Kit (30° Intake)				B	
	1	959129	Valve Train Kit (30° Intake)			V		
	1	551559	Camshaft "Use w/Screw-In Tach Drive (4)"					C
	1	551112	Cam Thrust Plate					C
	12	551113	Tappet					C
	6	451221	STD Exhaust Valve (45°) (5)		V		B	
	6	451223	STD Intake Valve (30°) (6)		V		B	
	12	401149	Ex/In Service Repair Valve Guide (.564 OD / 2.750" OAL) (7)					
	12	451115	Valve Spring		V		B	
	12	451187	Rotator "Will Replace 451411 Spring Retainer"		V			
	12	451198	Valve Wear Cap					
	24	451164	Keeper (Half)		V		B	
	6	451519	Exhaust Seat, OEM Dubuque (1.410 x 1.638 x .219 x 45°)					
	6	451535	Exhaust Seat, OEM Saran (1.410 x 1.640 x .218 x 45°)					
	6	401186	Exhaust Seat, STD Cutter (1.375 x 1.687 x .219 x 45°)					
	6	451522	Intake Seat, OEM Dubuque (1.608 x 1.858 x .209 x 30°)					
	6	451536	Intake Seat, OEM Saran (1.608 x 1.860 x .219 x 30°)					
	12	451124	Rocker Arm					
	1	451243	Rocker Arm Shaft					
	2	451165	Rocker Arm Shaft Plug (.464")					
	1	551137	Cam Gear (48 Teeth)					
	1	551138	Crank Gear (24 Teeth)					
	1	551139	Upper Idler Gear (55 Teeth / 23 Notches) "Bushing - 551142"					
	1	551141	Lower Idler Gear (45 Teeth) "Bushing - 551143 (.750" Wide)"					
	12	551342	Push Rod					
	1	651128	New Oil Pump: (8) (1.625" Gears) "May Need 651132 Outlet"					
	1	651145	New Oil Pump: (9) (2.000" Gears) "May Need 651259 Outlet"					
	1	651131	Oil Pump Kit (1.625" Gears)					
	1	651149	Oil Pump Kit (2.000" Gears)					
	1	651151	Oil Cooler, Early w/90° Elbows (10 Plate Doughnut Type) (10)					
	1	651258	Oil Cooler, Late w/Straight Nipples (8 Plate Doughnut Type)					
	1	751114	Crankshaft (4 Bolt Flange)					
	6	751342	Connecting Rod (1.625" Pin)					
	1	851188	Fuel Pump (Threaded Ports) "Pump w/Hose Barbs - 851336"					
	2	851174	Thermostat, Dual: Except 6359T Code 2209; 3255 (180°)					
	2	851298	Thermostat, Dual: 6359T Code 2209 (180°)					
			(11) New Water Pumps (12) Water Pump Kits					

(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 - 451524 / .015 - 451525 / .030 - 451526 (7)Spiral ID - 401189 (.502 OD)

(8)6359T Codes 5004, 5005, 5007; 444D, 570B, 3255, 4435 Hydro; 7445 After 4060; 9400; 9930 After 2480

(9)6359T Codes 5001, 5002, 5003; 544E, 544EH, 710B, 710C, 4050; 7445 Thru 4060; 9920; 9930 Thru 2480 (10)Inst Kit - 651252

(11)570B - 851323 / 6359T Code 2004 - 851345 / 3255 - 851347 / 4050 - 851348 (12)570B - 851196 / 6359T Code 2007 - 851344

(12)4435 Hydro; 7445 Thru 4060; 9920; 9930 Thru 2480 - 851327 / 6359T Code 2017; 444D, 544E, 544EH - 851328 (wo/Impeller)

(12)710B, 710C - 851329 / 6359T Codes 2004, 2008, 2023; 3255, 4050, 9400 - 851332 / 7445 After 4060; 9930 After 2480 - 851349