

JOHN DEERE



ENGINE: 4039T

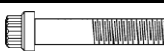
Turbocharged/Aftercooled (3.9 Liter)

BORE:4.1929" 4 Cyl Diesel NOTES: .312" Valve Stem Diameter, 1.625" Piston Pin, 7.720" OAL Liners

APPLICATION: Backhoe Loaders: 310C, 315C After ESN 299999; 310D, 315D;

TO-Dubuque Engine Power Units: 4039TF Thru ESN 699999 (Dubuque); 4039TF (Saran); Sprayers: 6100, 6500, 6600;

CD-Saran Engine Tractors: 5500, 5500N, 6200, 6200L, 6300, 6300L; Windrowers: 3830 After ESN 299999;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT					
	1	954243	In-Frame Kit: Except Tractors						I
	1	954263	In-Frame Kit: Tractors						I
	1	955243	Out-of-Frame Kit: Except Tractors				O		
	1	955263	Out-of-Frame Kit: Tractors				O		
	1	956243	Major Kit: Except Tractors			M			
	1	956263	Major Kit: Tractors			M			
	4	151641	Sleeve & Piston Assembly	M	M	O	O	I	I
	4	151643	Piston Assembly						
	4	151412	Liner Assembly (7.720" OAL) (1)						
	4	151115	Liner O-Ring Package						
	4	151639	Block Repair Sleeve, Lower Liner Pilot Bore (.870" OAL)						
	4	151116	Piston Ring Set (1-1/8K 1-3/32 1-3.5MM)						
	4	251111	STD Rod Bearing	M	M	O	O	I	I
	4	251112	.010 Rod Bearing						
	4	251113	.020 Rod Bearing						
	4	251114	.030 Rod Bearing						
	1	251336	STD Main Bearing Set w/Thrust Washers	M	M	O	O	I	I
	1	251337	.010 Main Bearing Set w/Thrust Washers						
	1	251338	.020 Main Bearing Set w/Thrust Washers						
	1	251339	.030 Main Bearing Set w/Thrust Washers						
	1	251119	STD Thrust Washer Set						
	1	251121	.007 Thrust Washer Set						
	1	351676	Head Gasket Set: Except Tractors						I
	1	351716	Head Gasket Set: Tractors (4)					I	
	1	351151	Valve Cover Gasket, w/Metal Cover (SEMR) (2)						
	1	351124	Valve Cover Gasket, w/Composite Cover (O-Ring) (3)						
	8	351683	Valve Seal (Positive Type Viton)						
	1	351692	Intercooler Gasket Set (3)						
	1	351677	Full Gasket Set w/Seals: Except Tractors						
	1	351715	Full Gasket Set w/Seals: Tractors (4)	M		O			
	1	351314	Overhaul Gasket Set wo/Seals: Except Tractors		M		O		
	1	351147	Lower Gasket Set w/Seals						
	1	351259	Crankcase Gasket Set wo/Seals "Block Gkt Set - 351329"						
	1	351684	Timing Cover Gasket, w/Composite Cover (O-Ring) (3)						
	1	351686	Timing Cover Gasket, RH Side Aux Gear Drive (3)						
	1	351149	Pan Gasket (Cast or Aluminum Pan)						
	1	351327	Pan Gasket (Sheet Metal Pan)						
	1	351666	Pan Gasket Set (2-Gaskets, 3-O-Rings, 1-D-Ring 1-Sleeve)					I	I
	1	351128	Front Crank Seal "Seal Kit w/Wear Sleeve - 351228"		M		O		
	1	351154	Front Crank Spacer Assembly						
	1	351129	Rear Crank Seal Kit		M		O		
	4	251565	Pin Bushing (Boreable / 1.625" Pin)	M	M				
	4	251566	Pin Bushing (Honeable / 1.625" Pin)						
	1	251123	Cam Bearing, Late Engines (3)						
	6	251423	Balancer Bushing "2.00MM Oversize Bushing - 251424"	M	M				
	8	751128	Rod Bolt: Rods Marked R80034 (2.375" Length)	M	M	O	O	I	I
	18	751129	Head Bolt (4.410" Flanged Head)						

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

(2)Special Valve Cover Screw - 751256

(3)Not Included In Gasket Sets Or Kits

(4) Includes Valve Seals

JD-239-H

7/22/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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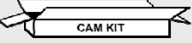
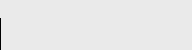
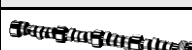
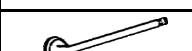
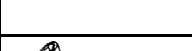
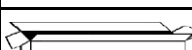
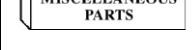
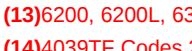
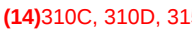
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959525	Camshaft Kit					C
	1	959333	Basic Valve Kit				B	
	1	959133	Valve Train Kit			V		
	1	551343	Camshaft "Use w/Screw-In Tach Drive (5)"					C
	8	551113	Tappet					C
	4	451111	STD Exhaust Valve (6)		V		B	
	4	451113	STD Intake Valve (7)		V		B	
	4	451531	Exhaust Service Repair Valve Guide (.502 OD / 2.390" OAL)					
	4	451532	Intake Service Repair Valve Guide (.502 OD / 2.209" OAL)					
	8	451115	Valve Spring		V		B	
	8	451116	Rotator		V			
	16	451117	Keeper (Half)		V		B	
	4	451126	Ex Seat, OEM Dubuque (1.345-T-1.482 x 1.695 x .242) (8)					
	4	451119	Ex Seat, OEM Saran (1.345-T-1.482 x 1.697 x .243)					
	4	451127	In Seat, OEM Dubuque (1.550-T-1.650 x 1.857 x .257) (9)					
	4	451122	In Seat, OEM Saran (1.550-T-1.650 x 1.859 x .257)					
	8	451124	Rocker Arm, Early (Socket Type Adj Screw) "Use w/551342"					
	8	451533	Rocker Arm, Late (Ball Type Adj Screw) "Use w/551344"					
	1	451254	Rocker Arm Shaft "Shaft Plug (.464") - 451165"					
	1	551137	Cam Gear (48 Helical Teeth) "Spur Gear - 551114"					
	1	551138	Crank Gear (24 Helical Teeth) "Spur Gear - 551115"					
	1	551139	Upper Idler Gear (55T Helical / 23 Notches) "Bush - 551142"					
	1	551141	Lower Idler Gear (45T Helical) "Bush - 551143 (.750" Wide)"					
	8	551342	Push Rod, Early Style (2-Ball Tips / 9.21" OAL)					
	8	551344	Push Rod, Late Style (1-Socket 1-Ball / 9.15" OAL)					
	1	651128	Oil Pump: (10) (1.625"Gears) "Outlet - 651132 / Kit - 651131"					
	1	651145	Oil Pump: (11) (2.00" Gears) "Outlet - 651259 / Kit - 651149"					
	1	651151	Oil Cooler, Early w/90° Elbows (10 Plate Doughnut) (12)					
	1	651114	Oil Cooler, Late w/Straight Nipples (6 Plate Doughnut Type)					
	1	651258	Oil Cooler, Late w/Straight Nipples (8 Plate Doughnut Type)					
	1	751113	Crankshaft, Late (Long 60MM Nose)					
	4	751342	Connecting Rod (1.625" Pin)					
	1	751331	LH Balancer Shaft Assembly (Marked R54054)					
	1	751332	RH Balancer Shaft Assembly (Marked R54054)					
	1	751345	LH Balancer Shaft Assembly (Marked R84099)					
	1	751346	RH Balancer Shaft Assembly (Marked R84099)					
	1	851188	Fuel Pump (Threaded Ports) "w/90° Hose Barbs - 851336"					
			(13) New Water Pumps					
			(14) Water Pump Kits					

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

(6).015 - 451112 / .030 - 451528 (7).015 - 451114 / .030 - 451529 (8)Oversize Ex Seat - 451121 (9)Oversize In Seat - 451123

(10)4039TF,310C,310D,315C,315D,3830,5500,5500N,6100,6200,6200L,6300,6300L,6500,6600 (11)RH Side Gear Drive Power Units

(12)May Need Installation Kit - 651252 (13)4039TF Code 2004 - 851345 / 4039TF Code 2005 - 851318 / 4039TF Code 2021 - 851319

(13)4039TF Code 2026; 6100, 6500, 6600 - 851331 / 4039TF Codes 2013, 2022; 3830 Thru ESN 765000; 5500, 5500N - 851334

(13)6200, 6200L, 6300, 6300L - 851354 (14)4039TF Codes 2004, 2008, 2023, 2024; 310C, 310C, 315C, 315D wo/AC - 851332

(14)4039TF Codes 2005, 2013, 2022 - 851192 / 4039TF Codes 2021, 2026, 2027; 6100, 6500, 6600 - 851321 / Early 3830 - 851335

(14)310C, 310D, 315C, 315D w/AC - 851328 (wo/Impeller) / 5500, 5500N - 851352 / 6200, 6200L, 6300, 6300L - 851362