

JOHN DEERE



ENGINE: 4276T
Turbocharged

BORE: 4.1929" 4 Cyl Diesel NOTES: .375" Valve Stem Diameter, 1.625" Piston Pin, 8.580" OAL Liners

APPLICATION: Backhoe Loaders: 410C, 510B, 510C, 610B, 610C; Crawlers: 450E, 450G, 455E, 455G, 550A, 550B, 550G; Crawlers: 555A, 555B, 555G, 650G, JD550, JD555; Excavators: 495D, 590D, 595D Thru ESN 299999; 595; Log Skidders: 440D, 448D, 540D, 548D, JD440C, JD540B; Power Units: 4276T; Wheel Loaders: 444E;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	954226	In-Frame Kit				I
	1	955226	Out-of-Frame Kit		O		
	1	956226	Major Kit		M		
	4	151651	Sleeve & Piston Asb (Marked AR66401 or AR96389)	M	O		I
	4	151655	Sleeve & Piston Asb, Optional Hi-Ring (Marked RE48469)				
	4	151652	Piston Assembly (Marked AR66401 or AR96389)				
	4	151656	Piston Assembly, Optional Hi-Ring (Marked RE48469)				
	4	151123	Liner Assembly (8.580" OAL) (1)				
	4	151115	Liner O-Ring Package				
	4	151647	Block Repair Sleeve, Lower Liner Pilot Bore (.930" OAL)				
	4	151116	Piston Ring Set (1-1/8K 1-3/32 1-3.5MM)				
	4	251382	STD Rod Bearing	M	O		I
	4	251384	.010 Rod Bearing				
	4	251385	.020 Rod Bearing				
	4	251386	.030 Rod Bearing				
	1	251266	STD Main Bearing Set	M	O		I
	1	251267	.010 Main Bearing Set				
	1	251268	.020 Main Bearing Set				
	1	251269	.030 Main Bearing Set				
	1	351676	Head Gasket Set				I
	1	351337	Head Gasket				
	1	351151	Valve Cover Gasket, w/Metal Cover (SEMR) (2)				
	8	351161	Valve Seal (O-Ring)				
	8	351682	Valve Seal, Late Stepped Guide (Positive Type Viton) (3)				
	1	351696	Full Gasket Set w/Lip Seals				
	1	351697	Overhaul Gasket Set wo/Seals	M	O		
	1	351711	Block Gasket Set				
	1	351661	Timing Cover Gasket				
	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
	1	351128	Front Crank Seal	M	O		
	1	351154	Front Crank Spacer Assembly, Late Engines Only				
	1	351228	Front Crank Seal Kit (Includes Wear Sleeve)				
	1	351129	Rear Crank Seal Kit	M	O		
	4	251565	Pin Bushing (Boreable / 1.625" Pin)	M			
	4	251566	Pin Bushing (Honeable / 1.625" Pin)				
	6	251423	Balancer Bushing	M			
	6	251424	2.00MM Oversize Balancer Bushing				
	8	751341	Rod Bolt	M	O		I
	18	751329	Head Bolt, Early (1/2 x 4.250") "Use w/751327 Washers"				
	1	751337	Head Bolt Kit w/Washers: Mid (14-4.250" 4-4.410")				
	18	751129	Head Bolt, Late (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

JD-276-E

7/10/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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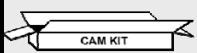
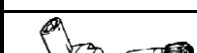
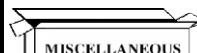
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
  	1	959525	Camshaft Kit					C
	1	959319	Basic Valve Kit (30 Degree In & 45 Degree Ex Valves)				B	
	1	959343	Basic Valve Kit (30 Degree In & Ex Valves)				B	
	1	959119	Valve Train Kit (30 Degree In & 45 Degree Ex Valves)			V		
	1	959143	Valve Train Kit (30 Degree In & Ex Valves)			V		
	1	551343	Camshaft "Use w/Screw-In Tach Drive (4)"					C
	1	551112	Cam Thrust Plate					
	8	551113	Tappet					C
	4	451221	STD Exhaust Valve (45 Degree) (5)		V		B	
	4	451229	STD Exhaust Valve (30 Degree) (6)		V		B	
	4	451223	STD Intake Valve (30 Degree) (7)		V		B	
	8	401149	Ex/In Service Repair Valve Guide (.564 OD / 2.750" OAL) (8)					
	8	451115	Valve Spring		V	V	B	B
	8	451187	Rotator "Will Replace 451411 Spring Retainer"		V	V		
	8	451198	Valve Wear Cap					
	16	451164	Keeper (Half)		V	V	B	B
	4	451519	Exhaust Seat, OEM (1.410 x 1.638 x .219 x 45°)					
	4	401186	Exhaust Seat, STD Cutter (1.375 x 1.687 x .219 x 45°)					
	4	451523	Exhaust Seat, OEM (1.383 x 1.638 x .209 x 30°)					
	4	451522	Intake Seat, OEM (1.608 x 1.858 x .209 x 30°)					
	8	451124	Rocker Arm					
	1	451254	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)"					
	8	551122	Push Rod (2-Ball Tips / 10.63" OAL)					
	1	651145	New Oil Pump (2.00" Gears) "May Need 651267 Outlet"					
	1	651149	Oil Pump Kit (2.000" Gears)					
	1	651267	Oil Pump Outlet Tube (Late Compression Fitting Type)					
	1	651269	Oil Cooler (2.375" Core Diameter)					
	1	751115	Crankshaft, Early (Short 35MM Nose)					
	1	751116	Crankshaft, Late (Long 60MM Nose)					
	4	751347	Connecting Rod (1.625" Pin)					
	1	751343	LH Balancer Shaft Assembly (Bolt-On Weights)					
	1	751344	RH Balancer Shaft Assembly (Bolt-On Weights)					
	1	851188	Fuel Pump (Threaded Ports)					
	2	851174	Thermostat, Bypass Type (180°) "Some Engs Use Only 1"					
	1	851249	Block Heater					
			(9) Water Pumps (10) 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 - 451537 / .015 - 451538 (7).003 - 451524 / .015 - 451525

(8)Spiral ID - 401189 (.502 OD) (9)4276T, 555G, 650G - 851345 / 440D, 448D, 540D, 548D, JD440C, JD540B - 851356

(9)450E, 455E - 851355 / 550A, 550B, 555A, 555B, JD550, JD555 - 851357 (10)444E, 495D, 590D, 595, 595D - 851328 (wo/Impeller)

(10)450E, 455E - 851192 / 410C, 510B, 510C, 610B, 610C - 851329 (wo/Impeller) / 4276T Power Unit - 851332

(10)440D, 448D, 450G, 455G, 540D, 548D, 550A, 550B, 550G, 555A, 555B, 555G, 650G, JD440C, JD540B, JD550, JD555 - 851332