

JOHN DEERE



ENGINE: 6404D #215000-335845

Naturally Aspirated

BORE: 4.250" 6 Cyl Diesel NOTES: Block # R40610, R40620, R45950, R47170, R48440 / Water Pump Bolts To Head

APPLICATION: Combines: 105 After 19000; 6602 Thru 1500; 7700 Thru 8000; Power Unit: 6404 Irrigation Engine;
Tractors: 4000; 4020 After 200999; Wheel Tractors: JD600 After 200999;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	951418	Underhaul Kit					U
	1	954419	In-Frame Kit				I	
	1	955419	Out-of-Frame Kit			O		
	1	956419	Major Kit			M		
	1	956421	Major Kit (Hi-Comp / Hypereutectic Pistons)			M		
	6	151523	Sleeve & Piston Assembly		M	O	I	
	6	151524	Sleeve & Piston Asb (Hi-Comp / Hypereutectic Pistons)		M			
	6	151525	Piston Assembly (Late Hi-Ring Design)					
	6	151519	Liner Assembly "Includes 151115 O-Ring Package"					
	1	151486	.002 Liner Shim					
	1	151521	Block Repair Insert, Lower Liner Pilot Bore (2 Grooves)					
	1	151522	Block Repair Insert, Lower Liner Pilot Bore (1 Groove)					
	6	151514	Piston Ring Set (1-1/8K 1-3/32 1-1/4)					
	6	101128	Piston Ring Set (3-3/32 2-1/4)					
	6	151528	Piston Ring Set, Used w/151524 (1-1/8K 1-3/32 1-3/16)					
	6	251167	STD Rod Bearing		M	M	O	I
	6	251168	.002 Rod Bearing					
	6	251169	.010 Rod Bearing					
	6	251171	.020 Rod Bearing					
	6	251172	.030 Rod Bearing					
	1	251222	STD Main Bearing Set w/Thrust Washers		M	M	O	I
	1	251223	.002 Main Bearing Set w/Thrust Washers					
	1	251224	.010 Main Bearing Set w/Thrust Washers					
	1	251225	.020 Main Bearing Set w/Thrust Washers					
	1	251226	.030 Main Bearing Set w/Thrust Washers					
	1	251521	STD Thrust Washer Set					
	1	251522	.007 Thrust Washer Set					
	1	351533	Head Gasket Set (1) (2)				I	
	1	351345	Valve Cover Gasket "Special Valve Cover Screw - 751256"					
	1	351527	Manifold Gasket Set					
	12	301114	Positive Valve Seal, Optional (Not in Gasket Sets) (3)					
	1	351535	Overhaul Gasket Set wo/Seals		M	M	O	
	1	351182	Crankcase Gasket Set: Except 6602 & 7700 Combine (4)					
	1	351237	Pan Gasket Set: Except 6602 & 7700 Combine (5)				I	
	1	351348	Pan Gasket: 6602 & 7700 Combine					U
	1	351152	Front Crank Seal Kit		M	M	O	
	1	351153	Rear Crank Seal Kit (6)		M	M	O	
	1	751179	Rear Seal Housing Bolt Kit (Self Locking Bolts & Washers)					
	6	251518	Pin Bushing (Boreable)			M		
	6	251519	Pin Bushing (Honeable)					
	6	251244	Pin Bushing (.010 Oversize OD)					
	4	251259	Cam Bearing		M	M		
	1	751182	Rear Cam Plug		M	M		
	12	751163	Rod Bolt		M	M	O	I
	1	751263	Head Bolt Kit					
	1	751183	Ex Manifold Bolt Kit: Except Combine (8 Bolts & Washers)					
	1	651157	Oil Pump Mtg Bolt Upgrade Kit (Self Lock Bolts & Washers)					

(1)STD Thin Head Gasket - 351534 (2)Optional Thick Gasket (Piston Protrusion .009-.017") - 351575 (3)Use VST1812 Seal Tool

(4)Timing Cover Gasket: Thru 280000 - 351341 / After 280000 - 351536 (5)Pan Gasket - 351157 (6)Rear Seal Hsg Gkt - 351342

JD-404-E

1/28/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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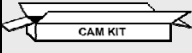
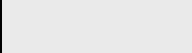
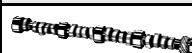


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	1	959515	Camshaft Kit				C
	1	959313	Basic Valve Kit			B	
	1	959113	Valve Train Kit		V		
	1	551193	Camshaft (7) (8)				C
	1	551186	Cam Thrust Plate (4 Bolt / .187" Thick)				
	1	551278	Cam Gear Bolt, Late or Replacement Cam (1/2 x 2.000") (9)				
	12	551181	Tappet				C
	6	451216	STD Exhaust Valve		V	B	
	6	451394	.003 Exhaust Valve				
	6	451395	.015 Exhaust Valve				
	6	451396	.030 Exhaust Valve				
	6	451217	STD Intake Valve		V	B	
	6	451397	.003 Intake Valve				
	6	451398	.015 Intake Valve				
	6	451399	.030 Intake Valve				
	12	401141	Service Repair Valve Guide (.502" OD / 3.062" OAL) (10)				
	12	451115	Valve Spring		V	B	
	6	451187	Exhaust Rotator		V		
	6	451411	Intake Retainer				
	12	451198	Valve Wear Cap				
	24	451164	Keeper (Half)		V	B	
	6	451412	STD Exhaust Seat (1.500x1.750x.250) ".010 OS - 451414"				
	6	451413	STD Intake Seat (1.687x1.937x.250) ".010 OS - 451415"				
	6	451257	Rocker Arm, LH				
	6	451258	Rocker Arm, RH				
	1	451264	Rocker Arm Shaft (11) "For Aluminum Clamps Use 451261"				
	1	551175	Cam Timing Gear				
	1	551182	Crank Timing Gear (.750" Wide)				
	12	551277	Push Rod				
	1	651196	Oil Pump Drive Gear/Shaft				
	1	651211	Pump Shaft Spring, End Play Control				
	1	651161	Oil Pump Gear Set (1.500" OAL)				
	1	651162	Oil Pump Cover/Screen: Except 6602 & 7700 Combine				
	3	651134	Valve Seat, Filter Bypass / Pressure Regulator / Oil Cooler				
	1	651164	Oil Cooler: 4000,4020,Pwr Units "Return Pipe Asb - 651212"				
	1	751123	Crankshaft (6 Bolt Flange) "Update Parts Kit - 751265"				
	1	751148	Damper Pulley: 4000, 4020 wo/Air Conditioning; Power Units				
	1	751264	Damper Pulley: 4000, 4020 w/Air Conditioning				
	6	751255	Connecting Rod "Cap Alignment Sleeve - 751262"				
	2	851211	Thermostat, 180 Degree (12)				
	1	851245	Water Pump: 4000, 4020 wo/AC; Power Units "Kit - 851243"				
	1	851246	Water Pump: JD600, 105; 7700 Thru 2800 "Kit - 851244"				
	1	851188	Fuel Pump				
	1	851248	Block Heater, After #280000 (13)				

(7)Cam Key - 551173 (8).193" Gear Spacer - 551198 (9)Gear Washer - 551194 (10)Optional Hardened Guide Use 401193

(11)For Early Rubber Plug Use 451262, For Late Style Flanged Steel Plug Use 451165 (12)Lower Thermostat Housing - 851215

(13)Tank Element - 851253

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