

JOHN DEERE



ENGINE: 6081T/A/H PowerTech After 199999
Common Rail Fuel System

BORE: 4.5625"	6 Cyl	Diesel	NOTES: High Compression Piston # RE53000, RE64170, RE65289, RE70688, RE502656
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APPLICATION: Combines: 9640 w/6081HZ009; Crawlers: 850J; Excavators: 330CLC, 370C;
Feller Bunchers: 608B After 5013; 608L After 6019; 608S After 7075; 753G After 2063; 753GL After 1031;
Feller Bunchers: 850 After 8018; 853G After 3083; 950 After 9003; 953G After 4004;
Feller Bunchers: 703G, 759G, 900, 903G; Forwarders: 1710D; Graders: 770D, 772D, 870D, 872D;
Log Skidders: Late 560D; Late 748G-III; Power Units: 6081HF070 Piston Codes 4801, 4803, 4806;
Loggers: 3554; Tractors: 7710, 7810 After 89999; 7820, 7920, 8120, 8120T, 8220, 8220T, 8320, 8320T;
Tree Harvesters: 1270D, 1470D; Wheel Loaders: Late 644H; 644J, 724J;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	951439	Underhaul Kit (1)					U
	1	954446	In-Frame Kit (1)				I	
	1	955446	Out-of-Frame Kit (1)			O		
	1	956446	Major Kit (1)					
	6	151466	Sleeve & Piston Assembly	M	O		I	
	6	151563	Piston Assembly					
	6	151462	Liner Assembly					
	6	151463	Liner O-Ring Package					
	6	151465	Liner Shim (.002")					
	6	151464	Piston Ring Set					
	6	251531	STD Rod Bearing	M	O		I	U
	6	251532	.011 Rod Bearing					
	1	251535	STD Main Bearing Set, w/Thrust Washers	M	O		I	U
	1	251536	.011 Main Bearing Set, w/Thrust Washers					
	1	251537	.022 Main Bearing Set, w/Thrust Washers					
	1	251538	STD Thrust Washer Set					
	1	251539	.007 Thrust Washer Set					
	1	351613	Head Gasket Set, wo/Intercooler Gaskets				I	
	1	351593	Head Gasket					
	1	351611	Upper Valve Cover Gasket					
	1	351612	Lower Valve Cover Gasket					
	1	351614	Full Gasket Set w/Seals & Intercooler Gaskets (1)					
	1	351615	Overhaul Gasket Set wo/Seals (Incls Intercooler Gaskets) (1)	M	O			
	1	351298	Pan Gasket Set: Except Graders & 8000 Tractors				I	U
	1	351348	Pan Gasket: Except Graders & 8000 Tractors					
	1	351589	Pan Gasket Set: 8000 Series Tractors				I	
	1	351588	Pan Gasket: 8000 Series Tractors					
	1	351157	Pan Gasket: Graders (2)					
	1	351152	Front Crank Seal Kit	M	O			
	1	351596	Rear Crank Seal Kit (3)	M	O			
	1	751179	Rear Seal Housing Bolt Kit (Self Locking Bolts & Washers)					
	6	251527	Pin Bushing (Boreable)					
	6	251528	Pin Bushing (Honeable)	M				
	4	251298	Cam Bearing	M				
	1	751162	Rear Cam Plug	M				
	12	751164	Rod Bolt	M	O		I	U
	1	751289	Head Bolt Kit (6-5.2" 5-5.8" 8-6.8" 7-7.9" Special Bolts)					

(1)Pan Gasket For Graders Not Included

(2)Not In Gasket Sets or Overhaul Kits

(3)Rear Seal Housing Gasket - 351342

JD-496-G

4/1/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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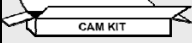
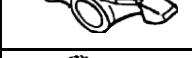
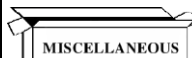
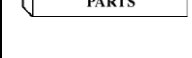
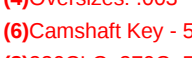
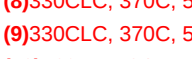
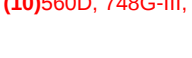
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959522	Camshaft Kit					C
	1	959147	Valve Train Kit					V
	1	551294	Camshaft (6)					C
	2	551296	Cam Gear Thrust Washer					C
	12	551292	Tappet					C
	6	451235	STD Exhaust Valve (4)				V	
	6	451236	STD Intake Valve (5)				V	
	12	451457	Valve Spring				V	
	12	451198	Valve Wear Cap				V	
	24	451164	Keeper (Half)				V	
	6	351598	Exhaust Valve Seal					
	6	451455	STD Exhaust Seat ".010 OS Seat - 451442"					
	6	451456	STD Intake Seat ".010 OS Seat - 451438"					
	6	451458	Rocker Arm & Pedestal Assembly					
	1	551297	Cam Timing Gear					
	1	551313	Injection Pump Drive Gear (Cam Mounted)					
	1	551298	Crank Timing Gear					
	12	551277	Push Rod					
	1	651227	Oil Pump					
	1	651228	Oil Pump Kit (2-Gears 2-Shafts 3-Gaskets 1-O-Ring)					
	1	651234	Oil Cooler: 7710, 7810; 7820, 7920 Thru ESN 232463					
	1	651217	Oil Cooler: Exc Above (8 Plate)					
	1	751283	Crankshaft w/Gears (Spur Type Oil Pump Drive Gear)					
	1	751279	Damper: 608B, 703G Feller Bunchers					
	1	751285	Damper Pulley: 7710, 7810, 7820, 7920 Tractors					
	1	751284	Damper: (7)					
	1	751286	Damper: (8)					
	1	751287	Torsional Damper: (9) (Additional Front Bolt-On Type)					
	1	751288	Damper: 9640 Combine					
	2	851281	Thermostat: (10) (Vented)					
	2	851174	Thermostat: Except (10)					
	1	851279	Water Pump (Low-Flow / 16 Tooth)					
	1	851249	Block Heater					

(4)Oversizes: .003 - 451431 / .015 - 451432 / .030 - 451433

(5)Oversizes: .003 - 451434 / .015 - 451435 / .030 - 451436

(6)Camshaft Key - 551295

(7)770D, 772D, 870D, 872D, 8120, 8120T, 8220, 8220T, 8320, 8320T

(8)330CLC, 370C, 560D, 644H, 644J, 724J, 748G-III, 850J, 1270D, 1470D, 1710D, 3554; Feller Bunchers Except 608B, 703G

(9)330CLC, 370C, 560D, 644H, 724J, 1270D, 1470D, 1710D, 3554, 9640; Feller Bunchers Except 608B, 703G

(10)560D, 748G-III, 850J, 7710, 7810, 7820, 7920, 9640; Feller Bunchers After ESN 217809