

JOHN DEERE



ENGINE: 6081HFN Aftercooled
Natural Gas

BORE: 4.5625"	6 Cyl	NG	NOTES:
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APPLICATION: Power Units: 6081HFN;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	951438	Underhaul Kit, Thru ESN 86535 (Conn Rod # R116340)				U
	1	951439	Underhaul Kit, After ESN 86535 (Fractured Rod # R501034)				U
	6	151567	Sleeve & Piston Asb: HFN01, HFN03 w/Piston Code 4802				
	6	151569	Sleeve & Piston Asb: HFN02, HFN04 w/Codes 4801 or 4805				
	6	151568	Piston Assembly: HFN01, HFN03 w/Piston Code 4802				
	6	151571	Piston Assembly: HFN02, HFN04 w/Codes 4801 or 4805				
	6	151462	Liner Assembly				
	6	151463	Liner O-Ring Package				
	6	151465	Liner Shim (.002")				
	6	151572	Piston Ring Set, w/Pistons Marked RE58889 or RE505064				
	6	151573	Piston Ring Set: HFN04 w/Piston Codes 4801 or 4805				
	6	251531	STD Rod Bearing				U
	6	251532	.011 Rod Bearing				U
	1	251535	STD Main Bearing Set, w/Thrust Washers				U
	1	251536	.011 Main Bearing Set, w/Thrust Washers				U
	1	251537	.022 Main Bearing Set, w/Thrust Washers				
	1	251538	STD Thrust Washer Set				
	1	251539	.007 Thrust Washer Set				
	1	351592	Head Gasket Set				
	1	351593	Head Gasket				
	1	351345	Valve Cover Gasket, Early (Pressed Steel Cover) (1)				
	1	351595	Valve Cover Gasket, Late (Composite Cover) (2)				
	1	351556	Full Gasket Set w/Seals				
	1	351594	Overhaul Gasket Set wo/Seals				
	1	351298	Pan Gasket Set				U
	1	351348	Pan Gasket				U
	1	351152	Front Crank Seal Kit				
	1	351596	Rear Crank Seal Kit (3)				
	1	751179	Rear Seal Housing Bolt Kit (Self Locking Bolts & Washers)				
	6	251527	Pin Bushing (Boreable)				
	6	251528	Pin Bushing (Honeable)				
	4	251298	Cam Bearing				
	1	751162	Rear Cam Plug				
	12	751163	Rod Bolt, Thru ESN 86535 (Conn Rod # R116340)				U
	12	751164	Rod Bolt, After ESN 86535 (Fractured Rod # R501034)				U
	1	751274	Head Bolt Kit (6-5.2" 5-5.8" 8-6.8" 7-7.9" Special Bolts)				

(1)Special Cover Screw - 751256

(2)Not In Gasket Sets or Overhaul Kits

(3)Rear Seal Housing Gasket - 351342

JD-496-N

4/1/2006

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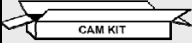
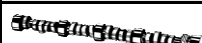
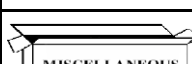
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959522	Camshaft Kit					C
								
	1	551294	Camshaft (4)					C
	2	551296	Cam Gear Thrust Washer					
	12	551292	Tappet					C
	6	451445	STD Exhaust Valve					
	6	451446	.015 Exhaust Valve					
	6	451447	STD Intake Valve					
	6	451448	.015 Intake Valve					
	12	451459	Valve Spring: HFN01 & HFN03 Thru 143453					
	12	451237	Valve Spring: Except HFN01 & HFN03 Thru 143453					
	12	451187	Rotator					
	12	451198	Valve Wear Cap					
	24	451164	Keeper (Half)					
	12	351617	In/Ex Valve Seal: HFN01 & HFN03 (5)					
	6	351617	Exhaust Valve Seal: HFN02 & HFN04 (5)					
	6	351618	Intake Valve Seal: HFN02 & HFN04 (5)					
	6	451451	STD Exhaust Seat					
	6	451452	.010 Exhaust Seat					
	6	451453	STD Intake Seat					
	6	451454	.010 Intake Seat					
	6	451443	Rocker Arm, LH					
	6	451444	Rocker Arm, RH					
	1	451264	Rocker Arm Shaft (6)					
	2	451261	Shaft Clamp (Aluminum)					
	2	451428	Shaft Clamp (Cast Bridge)					
	1	551297	Cam Timing Gear					
	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	651217	Oil Cooler (8 Plate)					
	1	751282	Crankshaft w/Gears, Early (Helical Oil Pump Drive Gear)					
	1	751283	Crankshaft w/Gears, Late (Spur Type Oil Pump Drive Gear)					
	1	751143	Crank Mounted Helical Oil Pump Drive Gear, Early Engines					
	2	851259	Thermostat (192 Degree)					
	1	851279	Water Pump (Low-Flow / 16 Tooth)					
	1	851249	Block Heater					

(4)Cam Key - 551295

(5)Not Included In Kits or Sets

(6)Rocker Shaft Plug - 451165

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