

JOHN DEERE



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

BORE: 4.5625" 6 Cyl Diesel NOTES: Low Compression Piston RE60328, 62640, 65407, 70689, 503305, 508995, 516291

APPLICATION: Combines: 9560STS; 9640 w/6081HZ017; Late 9650, 9650CTS, 9650STS; 9660, 9660CTS, 9660STS;
Combines: 9680 w/6081HZ011; 9760STS Thru ESN 233485; Dump Trucks: Late 250D, 300D;
Feller Bunchers: 853J, 903J, 953J; Forage Harvesters: 7200; Power Unit: 6081HF070 Piston Code 4802;
Tractors: 8420 Thru ESN 239018; 8420T Thru ESN 228883 & After ESN 239018; 9120 Thru ESN 239018;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	951439	Underhaul Kit					U
	1	954448	In-Frame Kit				I	
	1	955448	Out-of-Frame Kit			O		
	1	956448	Major Kit			M		
	1	956448	Major Kit			M		
	6	151565	Sleeve & Piston Assembly	M	O		I	
	6	151566	Piston Assembly	M	O		I	
	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	M	O			
	1	351615	Overhaul Gasket Set wo/Seals (Incls Intercooler Gaskets)					
	1	351298	Pan Gasket Set: Except 8420 & 8420T Tractors				I	U
	1	351348	Pan Gasket: Except 8420 & 8420T Tractors					
	1	351589	Pan Gasket Set: 8420 & 8420T Tractors				I	
	1	351588	Pan Gasket: 8420 & 8420T Tractors					
	1	351152	Front Crank Seal Kit	M	O			
	1	351596	Rear Crank Seal Kit (1)	M	O			
	1	751179	Rear Seal Housing Bolt Kit (Self Locking Bolts & Washers)					
	6	251527	Pin Bushing (Boreable)	M				
	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)Rear Seal Housing Gasket - 351342

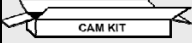
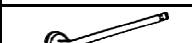
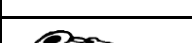
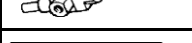
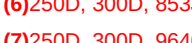
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959522	Camshaft Kit					C
	1	959147	Valve Train Kit				V	
	1	551294	Camshaft (4)					C
	2	551296	Cam Gear Thrust Washer					
	12	551292	Tappet					C
	6	451235	STD Exhaust Valve (2)				V	
	6	451236	STD Intake Valve (3)				V	
	12	451457	Valve Spring				V	
	12	451198	Valve Wear Cap					
	24	451164	Keeper (Half)				V	
	6	351598	Exhaust Valve Seal					
	6	451455	STD Exhaust Seat					
	6	451442	.010 Exhaust Seat					
	6	451456	STD Intake Seat					
	6	451438	.010 Intake Seat					
	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	651217	Oil Cooler (8 Plate)					
	1	751283	Crankshaft w/Gears (Spur Type Oil Pump Drive Gear)					
	1	751284	Damper: 8420, 8420T Tractors					
	1	751286	Damper: (5)					
	1	751287	Torsional Damper: (6) (Additional Front Bolt-On Type)					
	1	751288	Damper: (7)					
	2	851174	Thermostat: 250D, 300D, 7200, 8420, 8420T; Power Units					
	2	851281	Thermostat: Except Above (Vented)					
	1	851282	Water Pump: (8) (High-Flow / 15 Tooth)					
	1	851279	Water Pump: Except (8) (Low-Flow / 16 Tooth)					
	1	851249	Block Heater					

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

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

(4)Camshaft Key - 551295

(5)853J, 903J, 953J, 7200, 9120, 9560STS, 9650STS, 9660STS, 9760STS

(6)250D, 300D, 853J, 903J, 953J, 7200, 9120, 9560STS, 9640, 9650, 9650CTS, 9650STS, 9660, 9660CTS, 9660STS, 9680, 9760STS

(7)250D, 300D, 9640, 9650, 9650CTS, 9660, 9660CTS, 9680

(8)250D, 300D, 9680, 9750STS, 9760STS