

JOHN DEERE



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

BORE: 4.5625" 6 Cyl Diesel NOTES: Low Compression Piston # RE508995, RE516291

APPLICATION: Combines: 9680 w/6081HZ019; Late 9750STS; 9760STS After ESN 233485; Cotton Pickers: 9996;
Power Units: 6081AFM75 Marine; Sprayers: 4920;
Tractors: 8420 After ESN 239018; 8420T ESN 228884-239018; 8520, 8520T; 9120 After 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					
	6	151565	Sleeve & Piston Assembly	M		O	I	
	6	151566	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	351615	Overhaul Gasket Set wo/Seals (Incls Intercooler Gaskets)	M		O		
	1	351616	Timing Cover Gasket					
	1	351565	Injection Pump Gear Cover Gasket					
	1	351298	Pan Gasket Set: Except 8420, 8420T, 8520, 8520T Tractors				I	U
	1	351348	Pan Gasket: Except 8420, 8420T, 8520, 8520T Tractors					
	1	351589	Pan Gasket Set: 8420, 8420T, 8520, 8520T Tractors				I	
	1	351588	Pan Gasket: 8420, 8420T, 8520, 8520T 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)					
	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

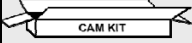
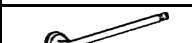
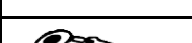
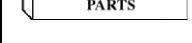
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959522	Camshaft Kit					C
	1	959147	Valve Train Kit				V	
	1	551294	Camshaft (4)					C
	2	551296	Cam Gear Thrust Washer					
	12	551292	Tappet					C
	6	451235	STD Exhaust Valve (2)				V	
	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: 9680 Combine; 9996 Cotton Picker					
	2	851281	Thermostat: 9120,9650STS,9680,9750STS,9760STS,9996					
	2	851283	Thermostat: Marine Power Units					
	2	851174	Thermostat: Except Above					
	1	851282	Water Pump: (7) (High-Flow / 15 Tooth)					
	1	851279	Water Pump: Except (7) (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)4920, 8520, 8520T, 9120, 9650STS, 9750STS, 9760STS

(6)4920, 8520, 8520T, 9120, 9650STS, 9680, 9750STS, 9760STS, 9996;

(7)9680, 9750STS, 9760STS, 9996; Marine Power Units