

JOHN DEERE



ENGINE: 6466T Late Turbocharged
6466A Late Aftercooled

BORE: 4.5625" 6 Cyl Diesel NOTES: Low Compression / Rod # R71074 / Stepped-Tapered Pin Bushing / 1.875" Pin

APPLICATION: Combines: Late 7722, 8820; Compactors: Late 646C;
Cotton Pickers: Late 9940; 9950; Feller Bunchers: Early 693C; Forage Harvesters: Late 5720; 5730;
Power Units: Mid 6466AF; Scrapers: Late 762A; 762B Thru 818908;
Tractors: 4850; Late 8450; Wheel Loaders: Late 644C;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	951429	Underhaul Kit					U
	1	954441	In-Frame Kit				I	
	1	955441	Out-of-Frame Kit			O		
	1	956441	Major Kit		M			
	1	956433	Major Kit (Hi-Comp / Hypereutectic Pistons)		M			
	6	151553	Sleeve & Piston Assembly		M	O	I	
	6	151551	Sleeve & Piston Asb (Hi-Comp / Hypereutectic Pistons)		M			
	6	151554	Piston Assembly (Marked AR100671,AR100672,AR100673)					
	6	151541	Liner Assembly					
	6	151463	Liner O-Ring Package					
	1	151465	.002 Liner Shim					
	1	151542	Block Repair Insert, Upper Counterbore (Semi-Finished ID)					
	1	151543	Block Repair Insert, Lower Liner Pilot Bore					
	6	151548	Piston Ring Set (2-5/32K 1-3/16)					
	6	251227	STD Rod Bearing		M	M	O	I
	6	251228	.002 Rod Bearing					U
	6	251229	.010 Rod Bearing					
	6	251231	.020 Rod Bearing					
	6	251232	.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					U
	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	351578	Head Gasket Set w/Intercooler Gkts "Head Gkt - 351568"				I	
	1	351345	Valve Cover Gasket (1)					
	1	351573	Exhaust Manifold Gasket Set					
	1	351553	Full Gasket Set w/Seals "Block Gasket Set - 351539"		M	M	O	
	1	351579	Overhaul Gasket Set wo/Seals					
	1	351312	Pan Gasket Set: Tractors; Power Units w/Cast Iron Pan (2)				I	U
	1	351348	Pan Gasket: Except Tractors; Power Units w/Cast Iron Pan					
	1	351569	Lower Pan-Clutch Hsg Gasket: Tractors w/SRT or QRT (5)				I	U
	1	351152	Front Crank Seal Kit		M	M	O	
	1	351153	Rear Crank Seal Kit (3)		M	M	O	
	1	751179	Rear Seal Housing Bolt Kit (Self Locking Bolts & Washers)					
	6	251527	Pin Bushing (Boreable)		M	M		
	6	251528	Pin Bushing (Honeable)					
	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, Early Block (6-3.2" 5-5.2" 8-6.2" 7-7.2" Bolts)					U
	1	751269	Head Bolt Kit, Late Block (11-5.2" 8-6.2" 7-7.2" Bolts) (4)					

(1)Special Cover Screw - 751256 (2)Pan Gasket Only - 351157 (3)Rear Seal Hsg Gkt - 351342 (4)Block Cast # Beginning w/R875

(5)Clutch Housing Split Gasket: 8450 - 351572

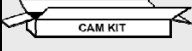
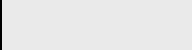
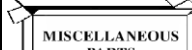
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959514	Camshaft Kit					C
	1	959315	Basic Valve Kit				B	
	1	959115	Valve Train Kit				V	
	1	551192	Camshaft (8) (9)					C
	1	551186	Cam Thrust Plate (4 Bolt / .187" Thick)					
	1	551195	Cam Gear Bolt (1/2 x 2.000") (10)					
	12	551181	Tappet					C
	6	451167	STD Exhaust Valve (6)		V		B	
	6	451219	STD Intake Valve (7)		V		B	
	12	401141	Service Repair Valve Guide (.502" OD / 3.062" OAL) (11)					
	12	451115	Valve Spring		V		B	
	12	451187	Rotator		V			
	12	451198	Valve Wear Cap					
	24	451164	Keeper (Half)		V		B	
	12	451426	STD Exhaust/Intake Seat(1.437-T-1.500x1.750x.219)					
	12	451427	.010 Exhaust/Intake Seat (1.437-T-1.500x1.760x.219)					
	6	451257	Rocker Arm, LH					
	6	451258	Rocker Arm, RH					
	1	451264	Rocker Arm Shaft (12)					
	2	451261	Shaft Clamp (Aluminum)					
	2	451428	Shaft Clamp (Cast Bridge)					
	1	551279	Cam Timing Gear					
	1	551182	Crank Timing Gear, Early Design Crank (.750" Wide)					
	1	551158	Crank Timing Gear, Late Design Crank (.910" Wide)					
	12	551277	Push Rod					
	1	651227	Oil Pump, Late Crank Driven					
	1	651228	Oil Pump Kit (2-Gears 2-Shafts 3-Gaskets 1-O-Ring)					
	1	651225	Oil Cooler: Thru ESN 336698 Except Combines (12 Plate)					
	1	651217	Oil Cooler: Combines; Other After ESN 336698 (8 Plate)					
	1	751123	Crankshaft					
	1	751143	Crank Mounted Drive Gear, Late Crank Driven Oil Pump					
	1	751155	Damper Pulley: 4850 & 8450 After ESN 259892; 9950					
	1	751271	Damper Pulley: 693C Feller Buncher					
	1	751154	Vibration Damper (10.750" OD) (13)					
	3	851174	Thermostat (14) "Some Engines Require Only 1 or 2 Stats"					
	1	851266	Water Pump: 5720, 5730, 9940 "Kit w/Impeller - 851267"					
	1	851254	Water Pump: 7722, 8820 Combine "Kit w/Impeller - 851257"					
	1	851268	Water Pump (Gear Driven) (15)					
	1	851272	Water Pump Kit: 644C Wheel Loader; 646C Compactor					
	1	851273	Water Pump Kit: 762A, 762B Graders					

(6)Oversizes: .003 - 451168 / .015 - 451169 / .030 - 451171

(7)Oversizes: .003 - 451423 / .015 - 451424 / .030 - 451425

(8)Cam Key - 551173 (9).193" Spacer - 551198 (10)Gear Washer - 551194 (11)Hardened Guide - 401193 (12)Plug - 451165

(13)Fits: 644C, 646C, 762A, 762B; 4850 & 8450 Thru ESN 259892; 5720, 5730, 7722, 8820, 9940

(14)192 Degree - 851259

(15)Gear Drive Water Pump Kits w/Impeller: Housing # R71224 - 851269 / Housing # R83561 - 851271