

JOHN DEERE



ENGINE: 6081T/A/H PowerTech Thru 199999
Bosch In-Line Injection Pump

BORE: 4.5625"	6 Cyl	Diesel	NOTES: High Compression Piston # RE53000, RE64170, RE65289, RE70688, RE502656
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APPLICATION: Combines: 9510; Early 9550, 9550SH; Cotton Pickers: Mid 9970; Crawlers: Late 850C; 850C-II;
Excavators: 330LC, 330LCR, 370; Graders: 770C, 770C-II, 770CH, 770CH-II, 772CH, 772CH-II;
Log Loaders: 530B, 535; Log Skidders: Early 560D, 748G-III; Late 740G, 748G; 660D, 748G-II, 848G;
Power Units: 6081AF, 6081TF Piston Code 4801 or 4803; Scrapers: 762B-II After 818908;
Tractors: 7710, 7810 Thru 89999; 8100, 8100T, 8200, 8200T, 8300, 8300T, 8400, 8400T;
Tractors: 8110, 8110T, 8210, 8210T, 8310, 8310T, 9100; Wheel Loaders: Late 644G; Early 644H;

QTY		ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT							
	1	954438	In-Frame Kit, Thru ESN 86535 (Conn Rod # R116340) (5)								I
	1	954439	In-Frame Kit, After ESN 86535 (Conn Rod # R501034) (5)								I
	1	955438	Out-of-Frame Kit, Thru ESN 86535 (Conn Rod # R116340) (5)					O			
	1	955439	Out-of-Frame Kit, After ESN 86535 (Conn Rod # R501034) (5)					O			
	1	956438	Major Kit, Thru ESN 86535 (Conn Rod # R116340) (5)					M			
	1	956439	Major Kit, After ESN 86535 (Conn Rod # R501034) (5)					M			
	6	151466	Sleeve & Piston Assembly	M	M	O	O			I	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 (1) (2)	M	M	O	O			I	I
	6	251532	.011 Rod Bearing								
	1	251535	STD Main Bearing Set, w/Thrust Washers (1) (2)	M	M	O	O			I	I
	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	351592	Head Gasket Set, wo/Intercooler Gaskets							I	I
	1	351593	Head Gasket								
	1	351345	Valve Cover Gasket, Early (Pressed Steel Cover) (3)								
	1	351595	Valve Cover Gasket, Late (Composite Cover) (4)								
	1	351556	Full Gasket Set w/Seals & Intercooler Gaskets (5)	M	M	O	O				
	1	351594	Overhaul Gasket Set wo/Seals (Incls Intercooler Gaskets) (5)								
	1	351597	Intercooler Gasket Set								
	1	351298	Pan Gasket Set: Except Crawlers, Graders, 8000 Tractors							I	I
	1	351348	Pan Gasket: Exc Crawlers, Graders, 8000 Series Tractors								
	1	351589	Pan Gasket Set: 8000 Series Tractors (4)								
	1	351588	Pan Gasket: 8000 Series Tractors (4)								
	1	351157	Pan Gasket: Crawlers & Graders (4)								
	1	351152	Front Crank Seal Kit	M	M	O	O				
	1	351596	Rear Crank Seal Kit	M	M	O	O				
	1	751179	Rear Seal Housing Bolt Kit (Self Locking Bolts & Washers)								
	6	251527	Pin Bushing (Boreable)	M	M						
	6	251528	Pin Bushing (Honeable)	M	M						
	4	251298	Cam Bearing	M	M						
	1	751162	Rear Cam Plug	M	M						
	12	751163	Rod Bolt, Thru ESN 86535 (Conn Rod # R116340) (1)	M	M	O	O			I	I
	12	751164	Rod Bolt, After ESN 86535 (Fractured Rod # R501034) (2)								
	1	751274	Head Bolt Kit (6-5.2" 5-5.8" 8-6.8" 7-7.9" Special Bolts)								

(1)STD Underhaul Kit, Thru ESN 86535 (Rod # R116340) - 951438 (2)STD Underhaul Kit, After ESN 86535 (Rod # R501034) - 951439

(3)Special Cover Screw - 751256 (4)Not In Gkt Sets or Overhaul Kits (5)Pan Gkt For Crawlers, Graders, 8000 Tractors Not Included

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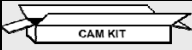
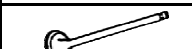
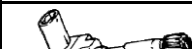
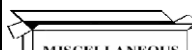


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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959522	Camshaft Kit					C
	1	959136	Valve Train Kit				V	
	1	551294	Camshaft (8)					C
	2	551296	Cam Gear Thrust Washer					
	12	551292	Tappet					C
	6	451235	STD Exhaust Valve (6)				V	
	6	451236	STD Intake Valve (7)				V	
	12	451237	Valve Spring				V	
	12	451198	Valve Wear Cap					
	24	451164	Keeper (Half)				V	
	6	351587	Exhaust Valve Seal (9)					
	6	451455	STD Exhaust Seat ".010 OS Seat - 451442"					
	6	451456	STD Intake Seat ".010 OS Seat - 451438"					
	6	451443	Rocker Arm, LH					
	6	451444	Rocker Arm, RH					
	1	451264	Rocker Arm Shaft (10)					
	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					
	1	751285	Damper Pulley: 7710, 7810 Tractors					
	1	751277	Damper: 8100 - 8310T Tractors					
	1	751284	Damper: (11)					
	1	751286	Damper: (12)					
	1	751287	Torsional Damper: (13) (Additional Front Bolt-On Type)					
	1	751288	Damper: 9510 After ESN 39521; 9550, 9970					
	2	851281	Thermostat: Early 330LC/LCR; Late 7710, 7810; 9510, 9550					
	2	851174	Thermostat: Except Above (Non-Vented)					
	1	851279	Water Pump (Low-Flow / 16 Tooth)					

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

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

(8)Cam Key - 551295

(9)Not Included In Kits or Sets

(10)Rocker Shaft Plug - 451165

(11)8400, 8400T; 644G, 740G, 748G, 748G-II, 762B-II, 9100 Thru ESN 38791; 9510 Thru ESN 39521; 850C Thru ESN 58038; Graders

(12)330LC, 330LCR, 370, 530B, 535, 560D, 644H, 660D, 748G-III; 644G, 740G, 748G, 748G-II, 762B-II, 9100 After ESN 38791; Cont'd

(12)Late 850C; 850C-II

(13)330LC, 330LCR, 370, 530B, 535, 560D, 644H, 660D, 740G, 748G Series, 762B-II, 9100, 9510, 9550