

JOHN DEERE



ENGINE: 3029D Powertech
Late Natural Aspirated

BORE: 4.1929" 3 Cyl Diesel NOTES: Piston Code 4813; Piston # RE500210; Rod # R121092, R501072; 32MM Pin

APPLICATION: Power Units: 3029DF150, 3029DF151, 3029DF152, 3029DF180 Powertech;
Skid Loaders: 240 w/3029DKV54/55; 240-II w/3029DKV54/55;
Tractors: 5105, 5205, 5210, 5220; European 5310, 5310N;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT					
	1	954274	In-Frame Kit, Early (Rod Marked R121092)						I
	1	954275	In-Frame Kit, Late (Fractured Rod Marked R501072)						I
	1	955274	Out-of-Frame Kit, Early (Rod Marked R121092)			O			
	1	955275	Out-of-Frame Kit, Late (Fractured Rod Marked R501072)			O			
	1	956274	Major Kit, Early (Rod Marked R121092)		M				
	1	956275	Major Kit, Late (Fractured Rod Marked R501072)		M				
	3	151677	Sleeve & Piston Assembly	M	M	O	O	I	I
	3	151678	Piston Assembly						
	3	151412	Liner Assembly (7.720" OAL) (1)						
	3	151115	Liner O-Ring Package						
	3	151639	Block Repair Sleeve, Lower Liner Pilot Bore (.870" OAL)						
	3	151118	Piston Ring Set (1-3/32K 1-3/32 1-3.5MM)						
	3	251111	STD Rod Bearing	M	M	O	O	I	I
	3	251112	.010 Rod Bearing						
	3	251113	.020 Rod Bearing						
	3	251114	.030 Rod Bearing						
	1	251115	STD Main Bearing Set w/Thrust Washers	M	M	O	O	I	I
	1	251116	.010 Main Bearing Set w/Thrust Washers						
	1	251117	.020 Main Bearing Set w/Thrust Washers						
	1	251118	.030 Main Bearing Set w/Thrust Washers						
	1	251119	STD Thrust Washer Set						
	1	251121	.007 Thrust Washer Set						
	1	351122	Head Gasket Set					I	I
	1	351123	Head Gasket						
	1	351124	Valve Cover Gasket (2) (3)						
	6	351683	Valve Seal (3)						
	3	351657	Exhaust Manifold Gasket						
	1	351125	Full Gasket Set w/Seals	M	M	O	O		
	1	351661	Timing Cover Gasket, Except RH Side Aux Gear Drive						
	1	351686	Timing Cover Gasket, RH Side Aux Gear Drive						
	1	351126	Pan Gasket (Sheet Metal Pan)						
	1	351127	Pan Gasket (Cast or Aluminum Pan)						
	1	351311	Pan Gasket Set (2-Gaskets, 2-O-Rings, 1-D-Ring)					I	I
	1	351128	Front Crank Seal						
	1	351154	Front Crank Spacer Assembly (3)						
	1	351228	Front Crank Seal Kit (Includes Wear Sleeve)						
	1	351129	Rear Crank Seal Kit						
	3	251549	Pin Bushing (Boreable / 32MM Pin)	M	M				
	3	251569	Pin Bushing (Honeable / 32MM Pin)						
	1	251123	Cam Bearing	M	M				
	6	751128	Rod Bolt, Early (Rod Marked R121092)		M		O		I
	6	751133	Rod Bolt, Late (Fractured Rod Marked R501072)	M			O		I
	14	751129	Head Bolt						

(1)Liner Shims: .002 - 151637 / .004 - 151638

(2)Special Valve Cover Screw - 751359

(3)Not Included In Gasket Sets Or Kits

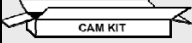
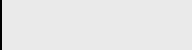
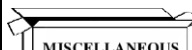
JOHN DEERE



ENGINE: 3029D Powertech
Late Natural Aspirated

BORE: 4.1929" 3 Cyl Diesel NOTES: Piston Code 4813; Piston # RE500210; Rod # R121092, R501072; 32MM Pin

APPLICATION: Power Units: 3029DF150, 3029DF151, 3029DF152, 3029DF180 Powertech;
Skid Loaders: 240 w/3029DKV54/55; 240-II w/3029DKV54/55;
Tractors: 5105, 5205, 5210, 5220; European 5310, 5310N;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959528	Camshaft Kit (Includes Cam Bearing)					C
	1	959332	Basic Valve Kit				B	
	1	959132	Valve Train Kit				V	
	1	551134	Camshaft "Use w/Screw-In Tach Drive (4)"					C
	1	551112	Cam Thrust Plate					
	6	551113	Tappet					C
	3	451111	STD Exhaust Valve (5)		V		B	
	3	451113	STD Intake Valve (6)		V		B	
	3	451531	Exhaust Service Repair Valve Guide (.502 OD / 2.390" OAL)					
	3	451532	Intake Service Repair Valve Guide (.502 OD / 2.209" OAL)					
	6	451115	Valve Spring		V		B	
	6	451116	Rotator		V			
	12	451117	Keeper (Half)		V		B	
	3	451119	Ex Seat, OEM Saran (1.345-T-1.482 x 1.697 x .243)					
	3	451122	In Seat, OEM Saran (1.550-T-1.650 x 1.859 x .257)					
	6	451124	Rocker Arm, Early (Socket Type Adj Screw) "Use w/551342"					
	6	451533	Rocker Arm, Late (Ball Type Adj Screw) "Use w/551344"					
	1	451125	Rocker Arm Shaft					
	2	451165	Rocker Arm Shaft Plug (.464")					
	1	551137	Cam Gear (48 Helical Teeth)					
	1	551114	Cam Gear, RH Side Aux Gear Drive (48 Spur Teeth)					
	1	551138	Crank Gear (24 Helical Teeth)					
	1	551115	Crank Gear, RH Side Aux Gear Drive (24 Spur Teeth)					
	1	551139	Upper Idler Gear (55T Helical / 23 Notches) "Bush - 551142"					
	1	551346	Upper Idler Gear Assembly (55T Spur)					
	1	551141	Lower Idler Gear (45T Helical) "Bush - 551143 (.750" Wide)"					
	1	551345	Lower Idler Gear (45T Spur) "Bush - 551143 (.750" Wide)"					
	1	551145	Oil Pump Drive Gear (33T Helical Teeth)					
	1	551347	Oil Pump Drive Gear, RH Side Aux Gear Drive (33T Spur)					
	6	551342	Push Rod, Early Style (2-Ball Tips / 9.21" OAL)					
	6	551344	Push Rod, Late Style (1-Socket 1-Ball / 9.15" OAL)					
	1	651128	New Oil Pump (1.625" Gears) "May Need 651112 Outlet"					
	1	651131	Oil Pump Kit (1.625" Gears)					
	1	651114	Oil Cooler, w/Straight Nipples (6 Plate Doughnut Type)					
	1	751339	Crankshaft (Long 60MM Nose)					
	3	751131	Connecting Rod (32MM Pin)					
	1	851336	Fuel Pump: 3029DF Code 3710 (90° Barbs)					
	1	851342	Fuel Pump: 3029DF Code 3711, 3716 (Vertical Hose Barbs)					
	1	851147	Thermostat (180°)					
			(7) New Water Pumps (8) Water Pump Kits					

(4)Late Screw-In Tach Drive: Shaft Type - 551136 / Gear Type (.541 Gear Length) - 551146 / Gear Type (.711 Gear Length) - 551147

(5).015 - 451112 / .030 - 451528 (6).015 - 451114 / .030 - 451529 (7)3029DF Code 2010 - 851386 / Code 2020 - 851387

(7)Code 2021 - 851334 / 5205, 5210, 5220 - 851393 / 3029DF Code 2017; 5105, 5310(E), 5310N(E) - 851394

(8)Except 3029DF Code 2021 - 851321 / 3029DF Code 2021 - 851352