

CASE



ENGINE: 451BD
451BDT

BORE: 4.375" 6 Cyl Diesel NOTES: Direct Injection, 1.500" Pin, .156 or .185 Thrust Washers

APPLICATION: Crawlers: 1150B, 1150C; Tractors: 1070, 1090;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	924118	In-Frame Kit: 1070, 1150B, 1150C (.185" Thrust)			I	
	1	924129	In-Frame Kit: 1090 Tractor (.156" Thrust)			I	
	1	925118	Out-of-Frame Kit: 1070, 1150B, 1150C (.185" Thrust)		O		
	1	925129	Out-of-Frame Kit: 1090 Tractor (.156" Thrust)		O		
	6	121127	Sleeve & Piston Assembly	O	O	I	I
	6	121131	Piston Assembly				
	6	121128	Cylinder Liner (Includes O-Rings)				
	6	121129	Cylinder Liner O-Ring Package				
	1	121132	Cylinder Liner Shim (.005")				
	1	121133	Cylinder Liner Shim (.010")				
	6	121134	Piston Ring Set				
	6	221114	STD Rod Bearing	O	O	I	I
	6	221115	.002 Rod Bearing				
	6	221116	.010 Rod Bearing				
	6	221117	.020 Rod Bearing				
	6	221118	.030 Rod Bearing				
	6	221119	.040 Rod Bearing				
	1	221121	STD Main Bearing Set, wo/Thrust Washers	O	O	I	I
	1	221122	.002 Main Bearing Set, wo/Thrust Washers				
	1	221123	.010 Main Bearing Set, wo/Thrust Washers				
	1	221124	.020 Main Bearing Set, wo/Thrust Washers				
	1	221125	.030 Main Bearing Set, wo/Thrust Washers				
	1	221126	STD Thrust Washer Set: 1070, 1150B, 1150C (.185")		O		I
	1	221127	.012 Thrust Washer Set: 1070, 1150B, 1150C (.191")				
	1	221137	STD Thrust Washer Set: 1090 Tractor (.156")	O		I	
	1	221159	.012 Thrust Washer Set: 1090 Tractor (.162")				
	1	321157	Head Gasket Set			I	I
	3	321148	Positive Valve Seal Set, Optional (Not in Gasket Sets)				
	1	321141	Lower Gasket Set w/Seals: 1070, 1090, 1150B (Cast Pan)				
	1	321161	Lower Gasket Set w/Seals: 1150C (Steel Pan)				
	1	321149	Timing Cover Gasket				
	1	321151	Injection Pump Gear Cover Gasket				
	1	321158	Full Gasket Set w/Seals	O	O		
	1	321142	Pan Gasket Set: 1070, 1090, 1150B (Cast Pan)			I	I
	1	321159	Pan Gasket Set: 1150C (Steel Pan)			I	I
	1	321144	Front Crank Seal				
	1	321145	Front Wear Sleeve, Optional (Not in Gasket Sets)				
	1	321146	Rear Crank Seal				
	1	321147	Rear Crank Seal Kit, Optional (Not in Gasket Sets)				
	6	221128	Piston Pin Bushing (1.500" Pin)				
	1	221129	Cam Bearing Set				
	12	721111	Rod Bolt				
	3	721112	Head Bolt Kit w/Washers, Thru # 2555989 (5.625")				
	3	721113	Head Bolt Kit w/Washers, After # 2555989 (6.250")				

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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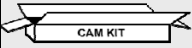
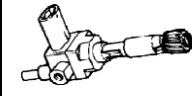
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	1	929512	Cam Kit					C
	1	929119	Valve Train Kit				V	
	1	929319	Basic Valve Kit			B		
	1	521111	Camshaft					C
	1	521119	Cam Thrust Washer					
	1	521121	Cam Thrust Spring					
	1	521112	Camshaft Key, Required With Cam Thru # 2323278					C
	12	521113	Tappet					C
	6	421123	Exhaust Valve		B		V	
	6	421124	Intake Valve		B		V	
	12	421113	Valve Guide		B		V	
	12	421114	Valve Spring		B		V	
	6	421115	Valve Rotator				V	
	24	421116	Valve Keeper (Half)		B		V	
	6	421125	Exhaust Valve Seat					
	6	421126	Intake Valve Seat					
	3	421118	Exhaust Rocker Arm, RH Cylinder # 1, 3, 5					
	3	421119	Exhaust Rocker Arm, LH Cylinder # 2, 4, 6					
	6	421121	Intake Rocker Arm					
	3	421122	Rocker Arm Shaft					
	1	521114	Cam Timing Gear					
	1	521115	Crank Timing Gear					
	1	521116	Idler Drive Gear					
	1	521117	Idler Gear w/Bushing					
	12	521118	Push Rod					
	1	621111	New Oil Pump: Tractors					
	1	621119	New Oil Pump: 1150B, 1150C (Naturally Aspirated)					
	1	621146	New Oil Pump: 1150B, 1150C (Turbo)					
	1	621112	Oil Pump Shim (.005")					
	1	621121	New Oil Cooler: 1150B Thru ESN 2572691					
	1	621139	New Oil Cooler: 1150B After ESN 2572691; 1150C (Nat Asp)					
	1	121135	Block Repair Sleeve, Lower Liner Pilot Bore					
	1	121136	Block Repair Ring, Upper Deck Counterbore					
	1	721114	Crankshaft					
	1	721115	Plug, Cam (2 3/8")					
	3	721116	Plug, Block (1 3/8")					
	1	721117	Plug, Block (2")					
	3	721119	Plug, Head Internal (3/4")					
	6	721118	Plug, Head External (1 5/8")					
	2	821119	Thermostat (180 Degree)					
	1	821122	Block Heater					
	1	821121	Bypass Hose					
	24	821123	Exhaust & Intake Manifold Stud (Naturally Aspirated Engine)					
	6	821124	Nozzle Leak Off Tee, wo/Nuts					

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