

CASE



ENGINE: 336BD & 336BDT
5.192" Fire Dam (5.430" Counterbore)

BORE: 4.625" 4Cyl Diesel NOTES: 5.192" Fire Dam (5.415" Flange), 1.625" Pin, Rectangular Compression Rings

APPLICATION: Cable Layers: 475 After 3058168; Crawlers: Late 850B; 850C, 855C;
Loader: W14 After ESN 2571280; W14FL, W14H After # 9119671; Loader Backhoe: 680H; Late 680E, 680G;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	924157	In-Frame Kit			I	
	1	925157	Out-of-Frame Kit		O		
	4	121141	Sleeve & Piston Assembly		O	I	
	4	121142	Piston Assembly				
	4	121143	Cylinder Liner (Includes O-Rings)				
	4	121144	Cylinder Liner O-Ring Package (3 O-Ring Liner)				
	1	121145	Cylinder Liner Shim (.005")				
	1	121146	Cylinder Liner Shim (.010")				
	4	121147	Piston Ring Set				
	4	221114	STD Rod Bearing		O	I	
	4	221115	.002 Rod Bearing				
	4	221116	.010 Rod Bearing				
	4	221117	.020 Rod Bearing				
	4	221118	.030 Rod Bearing				
	4	221119	.040 Rod Bearing				
	1	221131	STD Main Bearing Set, wo/Thrust Washers		O	I	
	1	221132	.002 Main Bearing Set, wo/Thrust Washers				
	1	221133	.010 Main Bearing Set, wo/Thrust Washers				
	1	221134	.020 Main Bearing Set, wo/Thrust Washers				
	1	221135	.030 Main Bearing Set, wo/Thrust Washers				
	1	221126	STD Thrust Washer Set (.185")		O	I	
	1	221127	.012 Thrust Washer Set (.191")				
	1	321169	Head Gasket Set		O	I	
	2	321148	Positive Valve Seal Set, Optional (Not in Gasket Sets)				
	2	321199	Valve Cover Gasket				
	1	321153	Lower Gasket Set w/Seals		O		
	1	321149	Timing Cover Gasket				
	1	321151	Injection Pump Gear Cover Gasket				
	1	321171	Full Gasket Set w/Seals				
	1	321155	Pan Gasket Set: 850B, 850C, 855C			I	
	1	321156	Pan Gasket Set: 475, 680E, 680G, 680H, W14, W14H			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)				
	4	221138	Piston Pin Bushing (1.625" Pin)				
	1	221136	Cam Bearing Set				
	8	721111	Rod Bolt				
	2	721112	Head Bolt Kit w/Washers (5.625")				

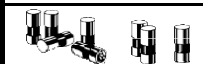
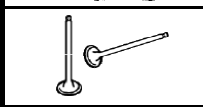
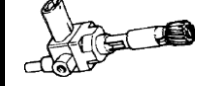
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	929513	Cam Kit					C
	1	929125	Valve Train Kit: Except 680H					V
	1	929325	Basic Valve Kit				B	
	1	521122	Camshaft					C
	1	521119	Cam Thrust Washer					
	1	521121	Cam Thrust Spring					
	1	521112	Camshaft Key, Required With Cam Thru # 2324459					C
	8	521113	Tappet					C
	4	421128	Exhaust Valve		B		V	
	4	421129	Intake Valve (45 Degree)		B		V	
	8	421113	Valve Guide		B		V	
	8	421114	Valve Spring		B		V	
	4	421115	Ex Valve Rotator: Except 680H				V	
	8	421115	Ex/In Valve Rotator: 680H				V	
	16	421116	Valve Keeper (Half)		B		V	
	4	421131	Exhaust Valve Seat: 680H, 850B, 850C, 855C					
	4	421133	Exhaust Valve Seat: 475, 680E, 680G, W14, W14H					
	4	421135	Intake Valve Seat (45 Degree)					
	2	421118	Exhaust Rocker Arm, RH Cylinder # 1, 3					
	2	421119	Exhaust Rocker Arm, LH Cylinder # 2, 4					
	4	421121	Intake Rocker Arm					
	2	421122	Rocker Arm Shaft					
	1	521114	Cam Timing Gear					
	1	521115	Crank Timing Gear					
	1	521116	Idler Drive Gear					
	1	521117	Injection Pump Idler Gear w/Bushing					
	8	521118	Push Rod					
	1	621113	New Oil Pump & Balancer Assembly					
	1	621122	Oil Pump Gear w/Spline					
	1	621123	Oil Pump Gear w/Bushing					
	4	621143	Balancer Shim (.002") (1)					
	1	621139	New Oil Cooler					
	1	121148	Block Repair Sleeve, Lower Liner Pilot Bore					
	1	721121	Crankshaft					
	1	721163	Balancer Drive Gear (86 Teeth)					
	1	721115	Plug, Cam (2 3/8")					
	2	721116	Plug, Block (1 3/8")					
	1	721117	Plug, Block (2")					
	6	721119	Plug, Head Internal (3/4")					
	4	721118	Plug, Head External (1 5/8")					
	1	821119	Thermostat (180 Degree)					
	1	821122	Block Heater					
	1	821121	Bypass Hose					
	16	821123	Intake & Exhaust Manifold Stud					

(1) For .005 Shim Use 621114 or .010 Shim Use 621115