

CASE



ENGINE: 301BD

BORE: 4.375"	4 Cyl	Diesel	NOTES: Direct Injection, 1.500" Pin, .185" Thrust Washers
APPLICATION: Cable Layers: 475 Thru # 3058168; Crawlers: 850 After # 7073468; Loaders: W7E; Loader Backhoes: 680C;			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
	1	924141	In-Frame Kit			I	
	1	925141	Out-of-Frame Kit		O		
	4	121127	Sleeve & Piston Assembly		O	I	
	4	121131	Piston Assembly				
	4	121128	Cylinder Liner (Includes O-Rings)				
	4	121129	Cylinder Liner O-Ring Package				
	1	121132	Cylinder Liner Shim (.005")				
	1	121133	Cylinder Liner Shim (.010")				
	4	121134	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	321172	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	321173	Full Gasket Set w/Seals				
	1	321155	Pan Gasket Set: 850 Crawler			I	
	1	321156	Pan Gasket Set: 475, 680C, W7E			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	221128	Piston Pin Bushing (1.500" Pin)				
	1	221136	Cam Bearing Set				
	8	721111	Rod Bolt				
	2	721112	Head Bolt Kit w/Washers (5.625")				

CLICK THE ITEM # TO VIEW OR PURCHASE PART

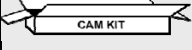
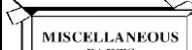
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	929513	Cam Kit					C
								
	1	929126	Valve Train Kit		V			
	1	521122	Camshaft					C
	1	521119	Cam Thrust Washer					C
	1	521121	Cam Thrust Spring					C
	1	521112	Camshaft Key, Required With Cam					C
	8	521113	Tappet					C
	4	421123	Exhaust Valve		V			
	4	421124	Intake Valve		V			
	8	421113	Valve Guide		V			
	8	421114	Valve Spring		V			
	4	421115	Valve Rotator		V			
	16	421116	Valve Keeper (Half)		V			
	4	421125	Exhaust Valve Seat					
	4	421126	Intake Valve Seat					
	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	Idler Gear w/Bushing					
	8	521118	Push Rod					
	1	621113	Oil Pump & Balancer (2 Gear Balancer Upgrade)					
	1	621122	Oil Pump Gear w/Spline					
	1	621123	Oil Pump Gear w/Bushing					
	1	621124	Oil Pump Idler Shaft (3 Gear Balancer)					
	4	621143	Balancer Shim (.002") (1)					
	1	621145	New Oil Cooler: 475, 680C; 850 Thru ESN 2574431					
	1	621139	New Oil Cooler: 850 After ESN 2574431					
	1	121135	Block Repair Sleeve, Lower Liner Pilot Bore					
	1	121136	Block Repair Ring, Upper Deck Counterbore					
	1	721121	Crankshaft					
	1	721127	Balancer Drive Gear, 3 Gear Balancer (106 Teeth)					
	1	721163	Balancer Drive Gear, 2 Gear Balancer (86 Teeth)					
	1	721115	Plug, Cam (2 3/8")					
	2	721116	Plug, Block (1 3/8")					
	1	721117	Plug, Block (2")					
	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

CA-301-M

4/1/2004

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