

FORD



ENGINE: 256 Diesel (4/68-12/77)
BSD442 NA

BORE: 4.4007" 4 Cyl Diesel NOTES: 4.2" Stroke, Dished Bowl, Rectangular Top Ring, 1.500" Pin, Early Rod

APPLICATION: Tractors: 5000, 5100, 5190, 5200, 5340 (4/68-12/74); 5500 (6/68-12/69); 5550 (1/70-12/73);
Tractors: 650 (11/75-12/77); 6500 (3/73-10/75);

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
							
	1	964119	In-Frame Kit			I	
	1	965119	Out-of-Frame Kit		O		
	4	161137	STD Piston Kit (Includes Pin & Rings)		O	I	
	4	161138	.020 Piston Kit (Includes Pin & Rings)				
	4	161139	.030 Piston Kit (Includes Pin & Rings)				
	4	161141	.040 Piston Kit (Includes Pin & Rings)				
	4	161174	Liner (Flanged / Semi-Finished Bore) (1)				
	4	161175	Liner, Diesel (Flanged / Finished 4.401" Bore)				
	4	161128	STD Ring Set				
	4	161129	.020 Ring Set				
	4	161131	.030 Ring Set				
	4	161132	.040 Ring Set				
	4	261113	STD Rod Bearing		O	I	
	4	261114	.002 Rod Bearing				
	4	261115	.010 Rod Bearing				
	4	261116	.020 Rod Bearing				
	4	261117	.030 Rod Bearing				
	4	261118	.040 Rod Bearing				
	4	261119	.050 Rod Bearing				
	4	261121	.060 Rod Bearing				
	1	261134	STD Main Bearing Set		O	I	
	1	261135	.002 Main Bearing Set				
	1	261136	.010 Main Bearing Set				
	1	261137	.020 Main Bearing Set				
	1	261138	.030 Main Bearing Set				
	1	261139	.040 Main Bearing Set (2)				
	1	261141	.050 Main Bearing Set (Includes .010 Oversize Thrust)				
	1	261142	.060 Main Bearing Set (Includes .010 Oversize Thrust)				
	1	361122	Head Gasket Set		O	I	
	1	361117	Head Gasket				
	1	361159	Valve Cover Gasket (Cork)				
	1	361115	Lower Gasket Set w/Seals		O		
	1	361145	Block to Rear Engine Plate Gasket				
	1	361153	Pan Gasket Set (Cast Pan)			I	
	1	361128	Front Crank Seal				
	1	361129	Crank Spacer (Internal Keyway) (3)				
	1	361131	Rear Crank Seal				
	1	301131	Rear Crank Wear Sleeve (3)				
	4	261111	Pin Bushing				
	1	261133	Cam Bearing Set				
	1	261182	.010 Cam Bearing Set				
	8	761117	Rod Bolt				
	8	761118	Rod Nut				
	1	761153	Head Bolt Kit w/Washers (1/2" Bolts)				

(1) Oversize OD Liners Also Available (+.030-161177) or (+.100-161178)

(2) Use 261157 For Main Set w/.010 OS Thrust

(3) Not in Gasket Set

FO-256-D

4/1/2004

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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	969515	Camshaft Kit					C
	1	969132	Valve Train Kit		V			
	1	561131	Camshaft					C
	8	561111	Tappet					C
	4	461111	STD Exhaust Valve		V			
	4	461112	.003 Exhaust Valve					
	4	461113	.015 Exhaust Valve					
	4	461114	.030 Exhaust Valve					
	4	461115	STD Intake Valve		V			
	4	461116	.003 Intake Valve					
	4	461117	.015 Intake Valve					
	4	461118	.030 Intake Valve					
	8	401141	Service Repair Valve Guide (Use When Wear Exceeds .030)					
	8	461128	Valve Spring (2.15" Free Length)					
	4	461129	Valve Rotator					
	4	461146	Spring/Retainer Update Kit (Incls Springs, Retainers, Seals)		V			
	16	461131	Valve Keeper (Half)		V			
	4	461132	STD Exhaust Valve Seat: Except 650					
	4	461133	.020 Exhaust Valve Seat: Except 650					
	4	461134	STD Intake Valve Seat: Except 650					
	4	461135	.020 Intake Valve Seat: Except 650					
	4	461141	Exhaust Rocker Arm					
	4	461142	Intake Rocker Arm					
	8	461194	Rocker Arm Screw					
	1	461197	Rocker Arm Shaft					
	1	561117	Cam Gear: Except 5500, 5550					
	1	561116	Cam Gear: 5500, 5550					
	1	561118	Crank Gear					
	1	561121	Idler Gear: Except 5500, 5550 (4)					
	1	561119	Idler Gear: 5500, 5550 (4)					
	1	561122	Hydraulic Pump Drive Gear (Rear of Cam)					
	8	561115	Push Rod					
	1	661112	Oil Pump					
	1	661113	Intermediate Oil Pump Shaft					
	1	661114	Oil Pump Drive Gear & Shaft					
	1	761112	Crankshaft (78 Tooth/RH Helix Balancer Gear)					
	1	761123	Plug, Rear Cam / Hyd Pump Drive Gear Cover					
	2	761124	Plug, Oil Galley (.636" OD)					
	1	761151	Balancer Overhaul Kit (39 Tooth/12.5 MM Wide Gears)					
	1	761152	Balancer Assembly (39 Tooth/12.5 MM Wide Gears)					
	1	861132	Block Heater, 7/68-12/70 (1.750" Dia.Core Hole)					
	1	861133	Block Heater, 1/71-UP (1.500" Dia.Core Hole)					

(4) Use 561125 For Bushing Only

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