

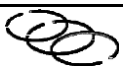
FORD



ENGINE: 233 Diesel (1/65-5/68)
BSD439

BORE: 4.2007"	4 Cyl	Diesel	NOTES: 4.2" Stroke
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APPLICATION: Tractors: 5000, 5100, 5190 (1/65-3/68); 5200 (1/67-3/68); 5500 (1/67-5/68);

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
							
	1	964121	In-Frame Kit			I	
	1	965121	Out-of-Frame Kit		O		
	4	161119	STD Piston Kit (Includes Pin & Rings)		O	I	
	4	161121	.020 Piston Kit (Includes Pin & Rings)				
	4	161122	.030 Piston Kit (Includes Pin & Rings)				
	4	161123	.040 Piston Kit (Includes Pin & Rings)				
	4	161173	Liner (Straight / Semi-Finished Bore)				
	4	161115	STD Ring Set				
	4	161116	.020 Ring Set				
	4	161117	.030 Ring Set				
	4	161118	.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 (1)				
	1	261141	.050 Main Bearing Set (Includes .010 Oversize Thrust)				
	1	261142	.060 Main Bearing Set (Includes .010 Oversize Thrust)				
	1	361118	Head Gasket Set		O	I	
	1	361167	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) (2)				
	1	361131	Rear Crank Seal				
	1	301131	Rear Crank Wear Sleeve (2)				
	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) Use 261157 For Main Set w/.010 OS Thrust

(2) Not in Gasket Set

FO-233-C

4/1/2004

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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ENGINE: 233 Diesel (1/65-5/68)
BSD439

BORE: 4.2007"	4 Cyl	Diesel	NOTES: 4.2" Stroke
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APPLICATION: Tractors: 5000, 5100, 5190 (1/65-3/68); 5200 (1/67-3/68); 5500 (1/67-5/68);

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	969515	Camshaft Kit, 8/65 & Up					C
	1	969132	Valve Train Kit		V			
	1	561131	Camshaft					C
	8	561113	Tappet, 1/65-8/65 (Can Upgrade to Late Tappet & Push Rod)					
	8	561111	Tappet, 8/65 & Up (2.060" OAL)					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					
	4	461133	.020 Exhaust Valve Seat					
	4	461134	STD Intake Valve Seat					
	4	461135	.020 Intake Valve Seat					
	4	461141	Exhaust Rocker Arm					
	4	461142	Intake Rocker Arm					
	1	461197	Rocker Arm Shaft					
	1	561117	Cam Gear: Except 5500					
	1	561116	Cam Gear: 5500					
	1	561118	Crank Gear					
	1	561121	Idler Gear: Except 5500 (3)					
	1	561119	Idler Gear: 5500 (3)					
	1	561122	Hydraulic Pump Drive Gear (Rear of Cam)					
	8	561114	Push Rod, 1/65-8/65 (10.675" OAL)					
	8	561115	Push Rod, 8/65 & Up (12.170" OAL)					
	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					
	1	761151	Balancer Overhaul Kit (39 Tooth/12.5 MM Wide Gears)					
	1	761152	Balancer Assembly (39 Tooth/12.5 MM Wide Gears)					
	1	861127	Thermostat (168 Degree)					
	1	861128	Thermostat (172 Degree)					
	1	861129	Thermostat (180 Degree)					
	1	861131	Thermostat (188 Degree)					

(3) Use 561125 For Bushing Only

FO-233-C

4/1/2004

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