

FORD



ENGINE: 456 Diesel (9/93-3/96)
7.5L Turbo (Non-Emissionised)

BORE: 4.4007" 6 Cyl Diesel NOTES: Turbo, Non-Emissionised, 5.0" Stroke, 1.750" Piston Pin, 1 Keystone Ring

APPLICATION: Bale Wagon: 1089 Thru # 616000; 1095 Thru # 616100; Combines: TR87 New Holland After # 556480;
Tractors: 8670 Thru D411681 (1/13/97), 8770 Thru D408840 (1/30/96);

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT			
							
	1	964236	In-Frame Kit (1)			I	
	1	965236	Out-of-Frame Kit (1)		O		
	6	161316	STD Piston Kit (Includes Pin & Rings)		O	I	
	6	161317	.020 Piston Kit (Includes Pin & Rings)				
	6	161318	.030 Piston Kit (Includes Pin & Rings)				
	6	161319	.040 Piston Kit (Includes Pin & Rings)				
	6	161273	Liner (Semi-Finished Bore)				
	6	161234	STD Ring Set (1-1/8K 1-3/321-3/16)				
	6	161235	.020 Ring Set (1-1/8K 1-3/321-3/16)				
	6	161236	.030 Ring Set (1-1/8K 1-3/321-3/16)				
	6	161237	.040 Ring Set (1-1/8K 1-3/321-3/16)				
	6	261168	STD Rod Bearing		O	I	
	6	261169	.002 Rod Bearing				
	6	261171	.010 Rod Bearing				
	6	261172	.020 Rod Bearing				
	6	261173	.030 Rod Bearing				
	6	261174	.040 Rod Bearing				
	1	261249	STD Main Bearing Set		O	I	
	1	261251	.002 Main Bearing Set				
	1	261252	.010 Main Bearing Set				
	1	261253	.020 Main Bearing Set				
	1	261254	.030 Main Bearing Set				
	1	261255	.040 Main Bearing Set				
	1	261256	.050 Main Bearing Set				
	1	361185	Head Gasket Set wo/Head Gasket		O	I	
	1	361179	Head Gasket, All (Must Upgrade To Torque-Turn Bolts) (1)		O	I	
		361171	Valve Cover Gasket (Steel Edge Molded Rubber)				
	1	361186	Lower Gasket Set w/Seals		O		
	1	361149	Rear Seal Retainer Gasket				
	1	361184	Pan Gasket			I	
	1	361187	Front Crank Seal				
	1	361188	Crank Spacer (2.043" x 2.625" x .930") (2)				
	1	361131	Rear Crank Seal				
	1	301131	Rear Crank Wear Sleeve (2)				
	6	261257	Pin Bushing (1.750" Pin)				
	1	261248	Cam Bearing Set				
	12	761127	Rod Capscrew				
	1	761155	Head Bolt Kit (9/16" Bolts)				

(1)Must Also Supply Head Bolt Kit Thru ESN 846527

(2)Not in Gasket Sets

FO-456-E

4/1/2004

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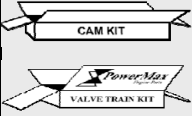
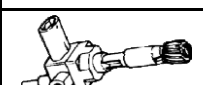
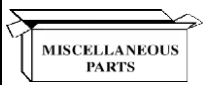
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	969521	Camshaft Kit					C
	1	969135	Valve Train Kit		V			
	1	561133	Camshaft					C
	12	561132	Tappet					C
	6	461163	STD Exhaust Valve		V			
	6	461164	.015 Exhaust Valve					
	6	461165	.030 Exhaust Valve					
	6	461166	STD Intake Valve		V			
	6	461167	.015 Intake Valve					
	6	461168	.030 Intake Valve					
	12	401141	Service Repair Valve Guide (Use When Wear Exceeds .030)					
	12	461147	Valve Spring (2.39" Free Length)					
	6	461146	Spring/Retainer Kit (Incls Springs, Retainers, Seals)		V			
	24	461131	Valve Keeper (Half)		V			
	6	461169	STD Exhaust Valve Seat					
	6	461171	.020 Exhaust Valve Seat					
	6	461172	STD Intake Valve Seat					
	6	461173	.020 Intake Valve Seat					
	12	461162	Rocker Arm					
	12	461194	Rocker Arm Screw					
	1	461199	Rocker Arm Shaft					
	6	461145	Rocker Arm Locating Spring					
	1	561136	Cam Gear					
	1	561139	Crank Gear					
	1	561138	Idler Gear (3)					
	1	561122	Hydraulic Pump Drive Gear (Rear of Cam)					
	12	561129	Push Rod					
	1	661122	Oil Pump					
	1	661123	Oil Pump Rotor & Shaft Assembly					
	6	661134	Piston Cooling Oil Jet					
	1	661135	Oil Cooler Element					
	1	761162	Crankshaft					
	1	761125	Plug, Oil Galley (.824" OD)					
	2	861135	Thermostat					
	1	861133	Single Block Heater (1.500" Dia.Core Hole)					
	1	861136	Dual Block Heater Kit (1.500" Dia.Core Hole)					

(3)Use 561125 For Bushing Only

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