

FORD



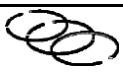
ENGINE: 456 Diesel(7/96&Up)
7.5L Intercooled

BORE: 4.4007" 6 Cyl Diesel NOTES: Intercooled, 5.0" Stroke, 1.750" Piston Pin

APPLICATION: Combines: TR98 (7/96&Up); TR89 & TR99 (1/99&Up);

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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
								
	6	161642	STD Piston Kit (Includes Pin & Rings)					
	6	161643	.020 Piston Kit (Includes Pin & Rings)					
	6	161644	.030 Piston Kit (Includes Pin & Rings)					
	6	161645	.040 Piston Kit (Includes Pin & Rings)					
	6	161273	Liner (Semi-Finished Bore)					
	6	161234	STD Ring Set					
	6	161235	.020 Ring Set					
	6	161236	.030 Ring Set					
	6	161237	.040 Ring Set					
	6	261168	STD Rod Bearing: TR89 & TR98 Combines					
	6	261169	.002 Rod Bearing: TR89 & TR98 Combines					
	6	261171	.010 Rod Bearing: TR89 & TR98 Combines					
	6	261172	.020 Rod Bearing: TR89 & TR98 Combines					
	6	261173	.030 Rod Bearing: TR89 & TR98 Combines					
	6	261174	.040 Rod Bearing: TR89 & TR98 Combines					
	6	261561	STD Rod Bearing: TR99 Combines					
	6	261562	.010 Rod Bearing: TR99 Combines					
	6	261563	.020 Rod Bearing: TR99 Combines					
	6	261564	.030 Rod Bearing: TR99 Combines					
	6	261565	.040 Rod Bearing: TR99 Combines					
	1	261249	STD Main Bearing Set					
	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 w/Head Gasket					
	1	361179	Head Gasket, All (Must Upgrade To Torque-Turn Bolts) (1)					
		361171	Valve Cover Gasket (Steel Edge Molded Rubber)					
	1	361186	Lower Gasket Set w/Seals					
	1	361149	Rear Seal Retainer Gasket					
	1	361184	Pan Gasket					
	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

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APPLICATION: Combines: TR98 (7/96&Up); TR89 & TR99 (1/99&Up);

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	969521	Camshaft Kit					C
	1	561133	Camshaft					C
	12	561132	Tappet					C
	6	461219	STD Exhaust Valve Upgrade "Also Supply 461399 Keepers"					
	6	461221	.015 Exhaust Valve Upgrade "Also Supply 461399 Keepers"					
	6	461165	.030 Exhaust Valve					
	6	461166	STD Intake Valve					
	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)					
	24	461131	Valve Keeper (Half)					
	12	461399	Valve Keeper (Half) "Use w/Ex Valve Upgrade"					
	6	461169	STD Exhaust Valve Seat					
	6	461171	.020 Exhaust Valve Seat					
	6	461217	STD Intake Valve Seat					
	6	461218	.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	661136	Piston Cooling Oil Jet					
	1	661135	Oil Cooler Element: TR89 & TR98					
	1	661182	Oil Cooler Element: TR99					
	1	761162	Crankshaft					
	1	761125	Plug, Oil Galley (.824" OD)					
	2	861135	Thermostat					
	1	861138	Single Block Heater					

(3)Use 561125 For Bushing Only

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