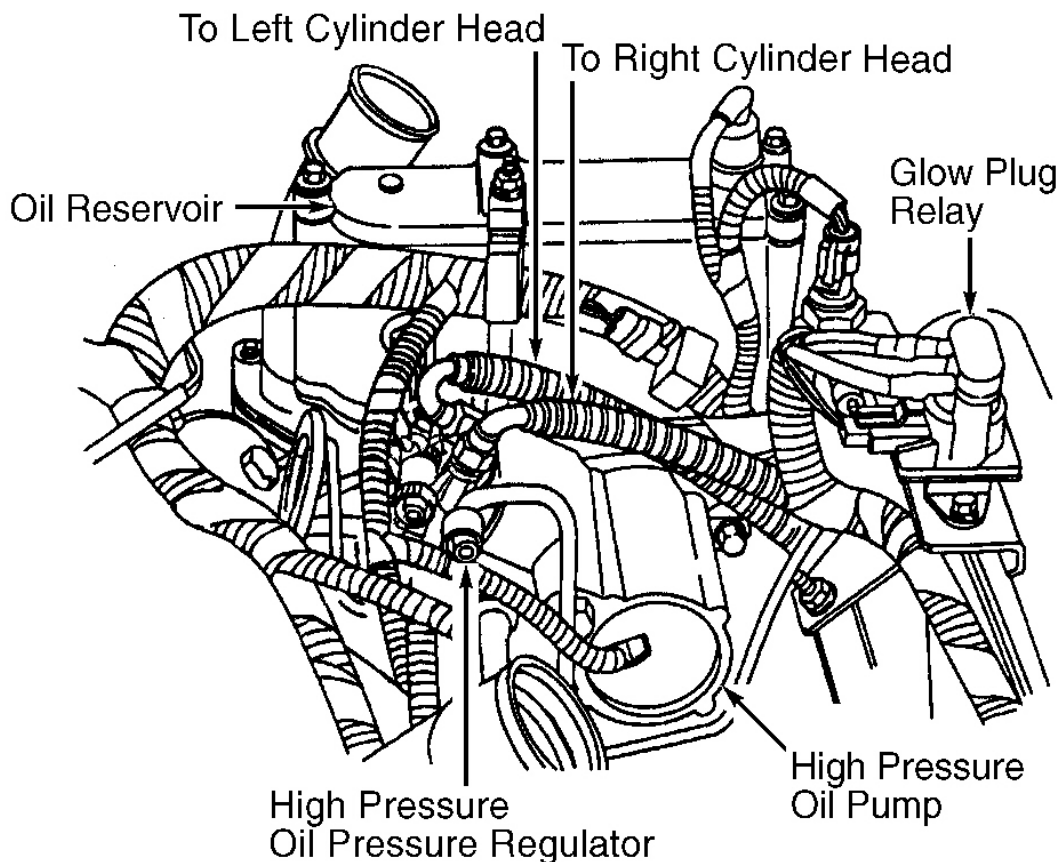


HIGH PRESSURE OIL PUMP

Removal

1. Loosen turbocharger compressor manifold hose clamp. Using suction, remove oil from high pressure oil pump reservoir. Remove fuel filter. Remove necessary hoses from high pressure oil pump. See **Fig. 9**.
2. Disconnect harness connector from high pressure oil pressure control solenoid. Remove high pressure oil pressure regulator.
3. Remove access cover on front of engine exposing high pressure oil pump drive sprocket bolt. Remove drive sprocket bolt and washer. Remove high pressure oil pump mounting bolts and pump.



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Fig. 9: Identifying High Pressure Oil Pump Hose Routing
Courtesy of FORD MOTOR CO.

Installation

1. Install high pressure oil pump with gasket. Install mounting bolts and tighten to specification. See

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ENGINE PERFORMANCE Removal, Overhaul & Installation - 7.3L Diesel - VIN F

TORQUE SPECIFICATIONS . Install drive sprocket on high pressure oil pump shaft. Before tightening drive sprocket bolt, ensure sprocket is fully seated on pump shaft.

2. Apply RTV sealer to access cover before installing. Reinstall pressure regulator. To complete installation, reverse removal procedure. Refill high pressure oil pump reservoir with clean engine oil. Tighten bolts to specification. See **TORQUE SPECIFICATIONS** .

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ENGINE PERFORMANCE Removal, Overhaul & Installation - 7.3L Diesel - VIN F

TORQUE SPECIFICATIONS

TORQUE SPECIFICATIONS

Application	Ft. Lbs. (N.m)
Camshaft Position Sensor Bolts	18 (24)
Fuel Filter Base	24-38 (33-52)
Fuel Pump Banjo Bolt	40 (55)
Glow Plugs	14 (19)
High Pressure Oil Pump Gear Cover Bolts	14 (19)
High Pressure Oil Pump Gear Bolt	95 (129)
Injection Control Pressure	35 (47)
Injection Line Fittings	22 (30)
Turbocharger Mounting Bolts	
8 mm Bolts	18 (24)
10 mm Bolts	36 (49)
	INCH Lbs. (N.m)
Fuel Injector Bolt	106 (12)
Oil Deflector Bolt	106 (12)
Oil Rail Drain Plug	53 (6)
Valve Cover	97 (11)