

2.3L 4-CYL & 2.3L 4-CYL TURBO

1993 Volvo 240

ENGINE

Removal

1) Remove hood and disconnect negative battery cable. Drain coolant and engine oil. Remove distributor cap. Disconnect coolant hoses. Remove radiator, fan shroud, air intake hoses and air cleaner assembly.

2) Remove power steering pump and A/C compressor with hoses attached. Disconnect vacuum hoses, electrical connections, coolant hoses and control cables at engine.

3) Remove fuel tank cap to relieve fuel tank pressure. See FUEL PRESSURE RELEASE. Remove fuel lines.

4) Raise and support vehicle. Remove splash shield located below engine. Disconnect exhaust pipe at exhaust manifold or turbo. Remove exhaust pipe support bracket.

5) On 240 with M/T, remove gearshift boot, gearshift lever retaining bolts and bracket. Remove gearshift lever. On 240 with A/T, disconnect control cable/linkages, noting locations.

6) On 940, remove rubber boot and snap ring at base of gearshift lever, pin and remove gearshift (M/T models) or disconnect control cable (A/T) models.

7) On all models, disconnect electrical connections and speedometer pick-up at differential. Remove drive shaft. Support transmission and remove transmission crossmember. Remove engine mount bolts. Remove engine and transmission assembly.

Installation

1) To install, reverse removal procedure. Fill fluid levels and adjust control cables.

2) On 240 with M/T, place gearshift in 1st gear. Clearance between detent plate and detent screw should be .02-.06" (.5-1.5 mm). Adjust by moving detent plate. See ADJUSTMENTS in CLUTCH article.