

## CHRYSLER CORP.

### 4-CYLINDER MODELS

**NOTE** — On 1.7L (105") engine, remove engine and manual transmission as an assembly.

**1.7L (105") — 1)** Disconnect battery cables at battery. Mark hinges for reinstallation and remove hood. Drain cooling system. Remove radiator and heater hoses from radiator and engine. On automatic transmission, remove transmission oil cooler lines from radiator. On all models, remove radiator and (if equipped) shroud assembly.

**2)** Remove air cleaner with hoses attached. Remove A/C compressor from mounting brackets and position aside, leaving refrigerant lines connected. Disconnect all electrical wiring, vacuum lines, fuel line and accelerator cable at engine.

**3)** If equipped, remove air diverter valve and lines from air pump. Remove alternator belt and alternator. On automatic transmission, remove upper transmission housing bolts. Raise vehicle on hoist and remove both front tire and wheel assemblies. Remove both inner fender splash shields.

**4)** Remove power steering pump belt and pump and position aside. Remove lower radiator hose from water pump. Remove water pump and crankshaft pulleys. Remove front engine mounting bolt. Remove converter housing inspection cover and remove converter-to-flex plate bolts.

**5)** Remove starter motor. Remove remaining lower transmission housing bolts. Lower vehicle and position floor jack under transmission. Install engine lifting device. Remove engine oil filter. Remove right side engine mount and remove engine from vehicle.

**6)** On manual transmission, transmission is removed with engine. Disconnect clutch and speedometer cable. Raise vehicle on hoist and disconnect both drive shafts from transmission and hang with wire. Disconnect exhaust pipe at manifold. If equipped, remove air pump hoses and lines, then remove air pump belt and remove air pump.

**7)** Remove transmission linkage and lower vehicle. Install engine lifting device and raise engine and transmission assembly slightly. Remove front engine mounting bolt. Remove side engine mounting bolts and remove engine and transmission assembly from vehicle. Align dimple mark on flywheel with indicator on housing and separate engine from transmission.

**2.2L (135") & 2.6L (156") — 1)** Disconnect battery cables at battery. Mark hinges for reinstallation and remove hood. Drain cooling system. Remove radiator and heater hoses from radiator and engine. On automatic transmission, remove transmission oil cooler lines from radiator. On all models, remove radiator and (if equipped) shroud assembly.

**2)** Remove air cleaner with hoses attached. If equipped, remove A/C compressor and power steering pump from mounting brackets and position aside, leaving refrigerant lines and/or hoses connected. Remove engine oil filter. Disconnect all electrical wiring, vacuum lines, fuel line and accelerator cable at engine.

**3)** Remove alternator mounting bolts and position alternator aside. On manual transmission, disconnect clutch cable and remove transmission housing inspection cover. On all models, disconnect exhaust pipe at manifold. Disconnect starter motor and position aside.

**4)** On automatic transmission, remove converter housing inspection cover and remove converter-to-flex plate bolts. Attach "C" clamp to front bottom of transmission housing to prevent converter from coming out. On all models, install transmission holding fixture.

**5)** Install engine lifting device. Remove right side inner fender splash shield. Remove ground strap. Remove right side engine mount through bolt. Remove engine-to-transmission attaching bolts. Remove front engine mount bolt and nut. Lift engine and remove from vehicle.

### 6-CYLINDER MODELS

**NOTE** — On manual transmission models, transmission must be removed before engine can be removed.

#### Engine & Transmission Removal

**3.7L (225") — 1)** Mark hinges for reinstallation and remove hood. Disconnect battery, drain cooling system and remove air cleaner. Disconnect radiator and heater hoses, and remove radiator. If equipped, remove A/C compressor and power steering pump from mounting brackets and position aside, leaving refrigerant lines and/or hoses connected. Disconnect hoses at valve cover and all electrical wires and vacuum hoses at engine. Disconnect fuel line at fuel pump and accelerator linkage at carburetor. Disconnect exhaust pipe at manifold.

**2)** Raise vehicle and position on safety stands. If equipped with automatic transmission, drain converter housing and transmission, remove filler tube and cooler lines. If equipped with manual transmission, disconnect clutch linkage and remove clutch shaft. On all transmissions, disconnect speedometer cable and shift linkage, and remove drive shaft. Position a suitable support under rear of engine. Remove transmission crossmember and remove transmission. Lower vehicle and attach a suitable hoist to engine. Remove engine support and remove engine mounts. Raise engine out of vehicle.

#### Engine Removal

**3.7L (225") — 1)** Mark hinges for reinstallation and remove hood. Disconnect battery, drain cooling system and remove air cleaner. Disconnect radiator and heater hoses, and remove radiator. If equipped, remove A/C compressor and power steering pump from mounting brackets and position aside, leaving refrigerant lines and/or hoses connected. Disconnect all electrical wires and vacuum hoses at engine. Disconnect accelerator linkage at carburetor.

**2)** Remove distributor cap and wiring. Remove starter, alternator, charcoal canister, and horns. Disconnect exhaust pipe at manifold flange. Remove transmission-to-engine bolts and remove inspection cover. Remove flex plate-to-converter bolts (mark position of converter on flex plate for reassembly). Support transmission and attach a suitable hoist to engine. Remove engine front mount bolts and remove engine.

### V8 MODELS

#### Engine & Transmission Removal

**5.2L (318") — 1)** Mark hinges for reinstallation and remove hood. Disconnect battery, drain cooling system and remove air cleaner. Disconnect radiator and heater hoses. Remove radiator and shroud. If equipped, remove A/C compressor and power steering pump from mounting brackets and position aside, leaving refrigerant lines and/or hoses connected.