

## CHRYSLER CORP.

### 4 CYLINDER MODELS

**NOTE** — Remove engine and transmission as an assembly.

1) Disconnect battery. Mark hinges for reinstallation and remove hood. Drain cooling system and remove hoses and oil lines from radiator and engine. Remove radiator and air cleaner. Remove air conditioning compressor without disconnecting lines.

2) Disconnect all hoses, lines, electrical leads, and linkage from engine, carburetor and transmission. Remove air diverter valve and lines from air pump. Remove alternator belt and alternator.

3) Raise vehicle and disconnect drive shaft from transmission. Disconnect exhaust pipe from manifold and remove air pump. Remove transmission linkage and lower vehicle from hoist.

4) Attach lifting fixture to engine and transmission assembly and raise slightly to remove engine mounts. Lift assembly from vehicle.

**NOTE** — Align dimple mark on flywheel with indicator on housing before separating engine from transmission.

### 6 CYLINDER MODELS

#### Engine & Transmission Removal

1) Mark hinges for installation and remove hood. Disconnect battery, drain cooling system, and remove air cleaner. Disconnect radiator and heater hoses, and remove radiator. Remove air conditioning compressor and/or power steering pump (if equipped) without disconnecting lines, and position out of way. Disconnect hoses at valve cover and all electrical leads and vacuum hoses at engine. Disconnect fuel line at fuel pump and accelerator linkage at carburetor. Disconnect exhaust pipe at manifold flange.

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

1) Mark hinges for installation and remove hood. Disconnect battery, drain cooling system, and remove air cleaner. Disconnect radiator and heater hoses, and remove radiator. Remove air conditioning compressor and/or power steering pump (if equipped) without disconnecting lines, and position out of way. Disconnect all electrical leads 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

1) Mark hinges for installation and remove hood. Disconnect battery, drain cooling system, and remove air cleaner. Disconnect radiator and heater hoses, and remove radiator and shroud. Remove air conditioning compressor and/or power steering pump (if equipped) without disconnecting lines, and position out of way. Disconnect all electrical leads and vacuum hoses at engine. Disconnect fuel line at fuel pump and accelerator linkage at carburetor.

2) Attach lifting device to engine and raise vehicle. Support rear of engine on safety stands. Disconnect exhaust pipes at manifold flanges. If equipped with automatic transmission, drain fluid and remove filler tube and cooler lines. If equipped with manual transmission, disconnect clutch linkage and remove clutch shaft. On all vehicles, disconnect speedometer cable and drive shaft. Remove transmission-to-engine bolts, detach rear crossmember and remove transmission. Lower vehicle and remove front engine mounts. Lift engine from vehicle.

#### Engine Removal

1) Mark hinges for installation and remove hood. Disconnect battery, drain cooling system, and remove air cleaner. Disconnect radiator and heater hoses, and remove radiator. Remove air conditioning compressor and/or power steering pump (if equipped) without disconnecting lines, and position out of way. Disconnect all electrical leads and vacuum hoses. Disconnect accelerator linkage at carburetor. Remove carburetor.

2) Remove distributor cap and wiring. Remove starter, alternator, charcoal canister, and horns. Disconnect exhaust pipes at manifold flanges. Remove transmission-to-engine bolts and remove inspection cover. Remove flex plate-to-converter bolts (Mark position of converter flex plate for reassembly). Use "C" clamp to hold torque converter in housing. Disconnect engine from torque converter drive plate. Attach suitable hoist to engine and remove front mount bolts. Lift out engine.

<b>CHRYSLER CORP. TIGHTENING SPECIFICATIONS 4 CYLINDER MODELS</b>	
<b>Application</b>	<b>Ft. Lbs.</b>
Motor Mount-to-Engine	
Front .....	40
Right Side .....	20
Left Side .....	40
Motor Mount-to-Frame	
Front .....	40
Right Side .....	40
Left Side .....	40
<b>6 CYLINDER &amp; V8 MODELS</b>	
<b>Application</b>	<b>Ft. Lbs.</b>
Motor Mount-to-Engine .....	65
Motor Mount-to-Bracket Nut .....	75
Rear Mount-to-Extension .....	50
Rear Mount-to-Crossmember Nut .....	50
Rear Crossmember-to-Frame .....	①30
① — 75 ft. lbs. for V8 Models.	