

Engine Removal

CHRYSLER CORP.

4 CYLINDER MODELS

NOTE — Remove engine and transmission as a unit.

- 1) Mark hinges for reinstallation and remove hood. Drain cooling system and remove hoses from radiator and engine. Remove radiator and air cleaner. Remove air conditioning compressor without disconnecting lines.
- 2) Disconnect all hoses, lines and linkage from engine, carburetor and transmission. Disconnect all electrical leads.
- 3) Raise vehicle and disconnect driveshaft from transmission. Disconnect exhaust pipe from manifold and remove air pump.
- 4) Attach lifting fixture to engine and raise slightly to remove motor mounts. Remove engine.

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

6 CYLINDER MODELS

Engine & Transmission Removal Procedure

- 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.

Engine Removal Procedure (Automatic Transmission Equipped)

- 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 Procedure

- 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) Raise vehicle and position on safety stands. Disconnect exhaust pipes at manifold flanges. 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, clutch linkage, and drive shaft. Position a suitable support under rear of engine. Remove transmission-to-engine bolts, detach rear crossmember, and remove transmission. Lower vehicle and attach a suitable hoist to engine. Remove front engine support and remove engine.

Engine Removal Procedure (Automatic Transmission Equipped)

- 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 pipes at manifold flanges. 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.

CHRYSLER CORP. TIGHTENING SPECIFICATIONS 4 CYLINDER MODELS	
Application	Ft. Lbs.
Motor Mount-to-Engine	
Front	40
Right Side	20
Left Side	40
Motor Mount-to-Frame	
Front	40
Right Side	40
Left Side	40
6 CYLINDER MODELS	
Application	Ft. Lbs.
Motor Mount-to-Engine	65
Motor Mount-to-Frame	70
Rear Mount-to-Trans.	50
Rear Mount-to-Crossmember	17
Rear Crossmember-to-Frame	30
V8 MODELS	
Application	Ft. Lbs.
Motor Mount-to-Engine	65
Motor Mount-to-Frame	75
Rear Mount-to-Trans	50
Rear Mount-to-Crossmember	50
Rear Crossmember-to-Frame	75