

## CHRYSLER CORP. ENGINE REMOVAL

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#### ALL MODELS

##### 1965-67 6 CYLINDER

- 1) Remove hood, drain cooling system, remove battery and air cleaner.
- 2) Remove radiator (plug transmission oil cooler lines). Remove crankcase vent system, and disconnect all lines, wires, cables, and linkages from engine.
- 3) Disconnect exhaust pipe from manifold, remove clutch torque shaft, brake cables and rods.
- 4) Remove speedometer cable, gear shift rods, transmission oil cooler lines and filler tube (drain system first), and remove pushbutton cable.
- 5) Support rear of engine and remove transmission.
- 6) Attach lifting fixture to cylinder head and disconnect engine front mounts. Remove engine.

##### 1968-73 6 CYLINDER

- 1) Outline hood hinges (for reassembly) and remove hood.
- 2) Drain cooling system, remove battery, air cleaner, radiator and heater hoses, and radiator.
- 3) Remove crankcase vent system. Disconnect fuel lines, linkages and wiring from engine.
- 4) Disconnect exhaust pipe (at manifold) and raise vehicle.
- 5) Drain converter and transmission. Remove oil cooler lines, filler tube, shift cable, clutch torque shaft, brake cables and rods.
- 6) Remove speedometer cable and gear shift rods. Disconnect propeller shaft and tie out of way.
- 7) Support rear of engine with fixture. Remove engine rear support crossmember.
- 8) Remove transmission bolts from clutch housing and remove transmission. Lower vehicle.
- 9) Install a lifting fixture to cylinder head, and attach a chain hoist to eyebolt of fixture. Remove engine support fixture.
- 10) Remove engine front mount bolts, and remove engine.

##### 1965-67 V8

- 1) Remove hood, drain cooling system, remove battery and carburetor.
- 2) Remove fan shroud, radiator (plug transmission oil cooler lines), and disconnect all lines, wires, cables, and linkages from engine.
- 3) Disconnect exhaust pipe from manifold, and attach lifting fixture to engine.
- 4) Disconnect front mounts, and support rear of engine.

- 5) Remove engine rear crossmember.
- 6) Remove transmission and remove engine.

##### 1968-73 V8

- 1) Mark hinge outline on hood panel (for reassembly) and remove hood.
- 2) Drain cooling system; remove battery, hoses, fan shroud (if equipped), oil cooler lines and radiator.
- 3) Disconnect fuel lines, linkage and wires and remove air cleaner and carburetor.
- 4) Attach a lifting fixture to carburetor flange stud nuts on intake manifold. (See note below for 426" engines). Raise vehicle on hoist and install an engine support tool on chassis to support rear of engine.
- 5) Drain transmission and torque converter, disconnect exhaust pipes at manifolds, propeller shaft, wires, linkages, speedometer cable, and oil cooler lines at transmission.
- 6) Remove engine rear support crossmember, clutch torque shaft (if equipped) and remove transmission.
- 7) Lower vehicle and attach a crane or hoist to lifting tool fixture eyebolt. Remove engine front mounts. Raise engine with lifting tool and work engine out of chassis.

*NOTE - DO NOT use intake manifold to remove engine assembly on 426" engines, instead, install lifting straps to engine, attach front strap to front of left cylinder head and rear strap to rear of right cylinder head. Attach a hydro-crane or other suitable tool to lifting straps and remove engine.*

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#### TIGHTENING SPECIFICATIONS

Application	Ft. Lbs.
Front Mount to Frame	
1965-67 Dart & Coronet.....	85
All Others .....	75
1968-73 .....	Ⓢ85
Front Mount to Engine	
1965-67 Dart & Coronet.....	45
All Others .....	55
1968 .....	45
1969 .....	55
1970-73 .....	45
Rear Mount to Crossmember	
Dart & Valiant.....	200 INCH Lbs.
All Others .....	50
Rear Mount to Transmission	
Dart & Valiant.....	40
All Others .....	50

Ⓢ - 318", 50 ft. lbs.