

# Oil Pan Removal

## AMERICAN MOTORS

### 4 CYLINDER MODELS

- 1) Raise car and support with safety stands. Drain crankcase. Attach suitable lifting device to engine and remove engine bracket-to-cushion nuts.
- 2) Loosen bracket and strut screws. Lift engine about 2 inches and remove crossmember-to-frame attaching parts.
- 3) Remove steering gear idler bracket. Loosen crossmember and place wooden blocks between crossmember and frame on both sides.
- 4) Remove oil pan and gasket.

### 6 CYLINDER MODELS (EXC. PACER)

- 1) Turn steering wheel to full left lock. Raise vehicle and support on safety stands. Support engine with suitable hoist.
- 2) Disconnect steering idler arm at side frame rails. Disconnect front motor mounts at engine brackets. If equipped with sway bar, loosen sway bar link bolt nuts to end of threads.
- 3) Remove crossmember to frame bolts and pull down on crossmember. Remove right front motor mount bracket from engine.
- 4) Remove starter motor. Drain engine oil, remove oil pan bolts and remove oil pan.

### 6 CYLINDER MODELS (PACER)

- 1) Drain engine oil and support engine with suitable hoist. Disconnect steering column flexible coupling and wire column out of way.

2) Raise vehicle and support on safety stands. Remove front motor mount through bolts.

3) Disconnect front brake lines at wheel cylinder and disconnect upper ball joints from spindles. **CAUTION** — Be sure shock absorbers are securely attached.

4) Remove upper control arm and support crossmember with jack. Remove nuts from crossmember rear mounts and swing crossmember forward. Remove starter motor, oil pan bolts and oil pan.

### V8 MODELS

1) Disconnect battery cable. Raise vehicle and support on safety stands. Support engine with suitable hoist.

2) Disconnect steering idler arm and sway bar brackets at side frame rails. Disconnect strut rods at lower control arms and engine-to-body ground strap.

3) Disconnect front motor mounts at crossmember and remove crossmember. Remove starter motor and drain crankcase. Remove oil pan bolts and remove oil pan.

AMERICAN MOTORS	
TIGHTENING SPECIFICATIONS	
Application	Ft. Lbs.
Oil Pan Bolts	
1/4" Bolts .....	7
5/16" Bolts .....	11

## CHRYSLER CORP.

### 6 CYLINDER MODELS

Drain cooling system and disconnect upper and lower radiator hoses. Remove dipstick and radiator shroud screws and place shroud back on engine. Raise vehicle and position on safety stands. Drain crankcase and remove center link from steering arm and idler arm ball joints. Position a jack stand under right front corner of engine oil pan to support engine.

**CAUTION** — Do not support engine at crankshaft pulley or vibration damper. Remove front motor mount bolts and raise engine 1 1/2" to 2" with a suitable hoist. Remove oil pan retaining bolts, rotate crankshaft until counterweights clear oil pan and remove oil pan.

### V8 MODELS

Disconnect battery ground cable and remove dipstick. On 360" 4-Bbl. engines, disconnect radiator shroud and place shroud back on engine. Raise vehicle and position on safety stands. Drain crankcase. On 318" and 360" engines with 2-Bbl. carburetors, remove left torque converter housing strut. Remove center link from steering arm and idler arm ball joints. On all except 360" 4-Bbl. engines, disconnect exhaust pipe at manifold. On 400" and 440" engines, remove exhaust pipe and coverter dust shield. On 318" and 360" engines, remove pan bolts and place jack under transmission. Remove rear engine mount bolts and raise transmission until rear of oil pan

clears transmission. On 360" 4-Bbl. engines, lower transmission and loosely install rear mount bolts. Loosen front engine mounts and raise front of engine about 1" with a jack under vibration damper. On Fury and Coronet models with 400" and 440" engines, front motor mounts must be disconnected and front of engine raised 1 1/2" to 2". **CAUTION** — Take care that fan doesn't hit shroud. Remove oil pan bolts and remove oil pan. On all other 400" and 440" engines, remove pan bolts and rotate engine as necessary to provide clearance. Lower pan and turn counterclockwise to clear oil screen and remove pan.

CHRYSLER CORP.	
TIGHTENING SPECIFICATIONS	
Application	In. Lbs.
Oil Pan Bolts .....	200