

AMERICAN MOTORS

4-CYLINDER MODELS

2.5L (151") – 1) Disconnect negative battery cable. Remove fan shroud bolts and slide fan shroud toward engine. Raise vehicle and support at frame side rails with safety stands. On Eagle model, support front axle assembly with suitable jack. Mark and disconnect front drive shaft.

2) Disconnect both half-shafts from front axle. Press half-shafts inward (toward wheels) and secure to frame with wire. Disconnect axle at right tube support and at pinion end of axle. Disconnect vent hose and remove axle. Drain crankcase.

3) Remove starter motor. Remove clutch/converter housing inspection cover. Remove engine mount nuts at crossmember. Position suitable jack under engine front damper and raise engine not more than 2".

NOTE – Do not raise engine more than 2" as clutch/converter housing may contact floor panel.

4) Lower right side of front crossmember by loosening nuts on left side and removing nuts and bolts on right side. Remove oil pan bolts. Pry down on right side of front crossmember and remove oil pan.

6-CYLINDER MODELS

4.2L (258", Exc. Eagle) – 1) Turn steering wheel to full left lock. Raise vehicle and support with safety stands. Support engine using suitable engine hoist.

2) Disconnect steering idler arm at side frame rails. Remove steering linkage center cross link at pitman arm and lower linkage. Disconnect front motor mounts at engine brackets.

3) If sway bar equipped, loosen sway bar link bolt nuts to end of threads. Remove sway bar clamp bolts at side rails and lower sway bar.

4) Remove engine-to-crossmember ground strap at crossmember. Remove crossmember-to-frame bolts and pull down on

crossmember. Remove right front motor mount bracket from engine. Loosen strut control rods at lower control arm, do not remove bolts.

5) Remove starter. Drain engine oil, remove oil pan bolts and remove oil pan.

4.2L (258", Eagle) – 1) Drain crankcase. Lock steering wheel. Remove air cleaner.

2) Raise vehicle and support at frame side rails with safety stands. Mark and disconnect front drive shaft. Remove motor mount bolts. Remove frame side rail-to-crossmember brace bar bolts at crossmember and rotate bar out of way.

3) Loosen pitman arm at gear. Loosen idler arm at steering linkage. Remove steering damper bolt at crossmember. Loosen sway bar bolts and lower sway bar. Support front axle assembly with suitable jack. Disconnect both half-shafts from front axle.

4) Press half-shafts inward (toward wheels) and secure to frame with wire. Remove bolt from right bracket of axle tube bolt bars. Remove bolts from upper end of left upper axle bracket. Remove pinion end bracket bolts at pinion. Disconnect vent hose and remove axle.

5) Support crossmember with suitable jack. Remove crossmember bolts and lower crossmember. Remove starter motor. Remove converter housing inspection cover. Remove oil pan bolts and remove oil pan by sliding rearward.

AMERICAN MOTORS	
TIGHTENING SPECIFICATIONS	
Application	Ft. Lbs.
2.5L (151") 4-Cyl.	5
4.2L (258") 6-Cyl.	5
1/4" Bolts	7
5/16" Bolts	11

CHRYSLER CORP.

4-CYLINDER MODELS

Disconnect battery ground cable and remove dipstick. Drain crankcase. Remove oil pan bolts and oil pan.

6-CYLINDER MODELS

3.7L (225") – 1) Disconnect negative battery cable at battery and remove engine oil dipstick. Remove radiator shroud screws and position shroud rearward on engine. Raise vehicle and position on safety stands. Drain crankcase. Remove engine-to-transmission support bracket. Remove exhaust pipe and torque converter inspection housing cover. Remove center link from steering arm and idler arm ball joints.

CAUTION – Do not support engine at crankshaft pulley or vibration damper.

2) Position jack stand under right front corner of engine for support. Remove front motor mount bolts and raise engine 1 1/2"-2" with suitable hoist. Remove oil pan bolts, rotate crankshaft to clear counterweights and remove oil pan.

V8 MODELS

5.2L (318") – 1) Disconnect battery ground strap and remove dipstick. Raise vehicle on hoist and drain crankcase.

Remove steering and idler arm ball joints from steering linkage center link and lower center link. On single exhaust, disconnect exhaust pipes at manifolds and let pipes hang from muffler. On dual exhaust, remove crossover pipe.

2) Gran Fury, St. Regis, Newport and New Yorker, remove left engine-to-torque converter housing strut and oil pan bolts. Place jack under transmission and remove rear engine mount bolts. Raise transmission to clear rear portion of oil pan and remove oil pan. On all other models, remove starter mount bolt, starter and torque converter inspection plate. Remove oil pan bolts and oil pan.

CHRYSLER CORP.	
TIGHTENING SPECIFICATIONS	
Application	Ft. Lbs.
4-Cylinder	
1.7L (105")	6
2.2L (135")	17
2.6L (156")	5
6-Cylinder & V8	17