

AMERICAN MOTORS (Cont.)

11) Disconnect exhaust pipe from manifold. Remove upper converter or flywheel housing bolts. Loosen bottom housing attaching bolts. Lower vehicle. If equipped, remove A/C compressor idler pulley and mounting bracket. Attach a lifting device to engine.

12) Raise engine off front supports. Place a support stand under converter or flywheel housing. Remove remaining converter or flywheel housing bolts. Lift engine out of engine compartment.

NOTE — When installing, be sure that converter and drive plate marks, made during removal, are properly aligned.

AMERICAN MOTORS	
TIGHTENING SPECIFICATIONS	
Application	Ft. Lbs. (N·m)
Converter-to-Drive Plate	40 (54)
Flywheel Housing-to-Engine	54 (73)
Converter Housing-to-Engine	54 (73)
Engine Mount Cushion Nuts	41 (56)
Engine Support Cushion-to-Axle Brkt.	45 (61)
Half Shafts-to-Axle	45 (61)
Front Drive Shaft-to-Axle	15 (20)
Pinion End of Axle Bracket-to-Axle	45 (61)
Fan-to-Water Pump Flange	18 (24)

CHRYSLER CORP.

4-CYLINDER MODELS

NOTE — On 1.7L (105") engine, remove engine and manual transmission as an assembly.

1.7L (105") — 1) Disconnect battery cables at battery. Mark hinges for reinstallation and remove hood. Drain cooling system. Remove radiator and heater hoses from radiator and engine. On automatic transmission, remove transmission oil cooler lines from radiator. On all models, remove radiator and (if equipped) shroud assembly.

2) Remove air cleaner with hoses attached. Remove A/C compressor from mounting brackets and position aside, leaving refrigerant lines connected. Disconnect all electrical wiring, vacuum lines, fuel line and accelerator cable at engine. If equipped, remove air diverter valve and lines from air pump. Remove alternator belt. Remove alternator.

NOTE — Steps 3), 4) and 5) apply to vehicles equipped with automatic transmissions only. For manual transmission equipped vehicles, proceed to steps 6) and 7).

3) On automatic transmission equipped models, remove upper transmission housing bolts. Raise vehicle on hoist. Remove both front wheels. Remove both left and right inner fender splash shields.

4) Remove power steering pump belt and pump and position aside. Remove lower radiator hose from water pump. Remove water pump and crankshaft pulleys. Remove front engine mounting bolt. Remove converter housing inspection cover and remove converter-to-flex plate bolts.

5) Remove starter motor. Remove remaining lower transmission housing bolts. Lower vehicle and position floor jack under transmission. Install engine lifting device. Remove engine oil filter. Remove right side engine mount and remove engine from vehicle.

6) On manual transmission, transmission is removed with engine. Disconnect clutch and speedometer cable. Raise vehicle on hoist and disconnect both drive shafts from transmission and hang with wire. Disconnect exhaust pipe at manifold. If equipped, remove air pump hoses and lines, then remove air pump belt and remove air pump.

7) Remove transmission linkage and lower vehicle. Install engine lifting device and raise engine and transmission assembly slightly. Remove front engine mounting bolt. Remove side engine mounting bolts and remove engine and transmission assembly from vehicle. Align dimple mark on flywheel with indicator on housing and separate engine from transmission.

2.2L (135") & 2.6L (156") — 1) Disconnect battery cables at battery. Mark hinges for reinstallation and remove hood. Drain cooling system. Remove radiator and heater hoses from radiator and engine. On automatic transmission, remove transmission oil cooler lines from radiator. On all models, remove radiator and (if equipped) shroud assembly.

2) Remove air cleaner with hoses attached. If equipped, remove A/C compressor and power steering pump from mounting brackets and position aside, leaving refrigerant lines and/or hoses connected. Remove engine oil filter. Disconnect all electrical wiring, vacuum lines, fuel line and accelerator cable at engine.

3) Remove alternator mounting bolts and position alternator aside. On manual transmission, disconnect clutch cable and remove transmission housing inspection cover. On all models, disconnect exhaust pipe at manifold. Disconnect starter motor and position aside.

4) On automatic transmission, remove converter housing inspection cover and remove converter-to-flex plate bolts. Attach "C" clamp to front bottom of transmission housing to prevent converter from coming out. On all models, install transmission holding fixture.

5) Install engine lifting device. Remove right side inner fender splash shield. Remove ground strap. Remove right side engine mount through bolt. Remove engine-to-transmission attaching bolts. Remove front engine mount bolt and nut. Lift engine and remove from vehicle.

6-CYLINDER MODELS

NOTE — On manual transmission models, transmission must be removed before engine can be removed.

3.7L (225") Man. Trans. — 1) Mark hood and hood hinges for installation reference. Remove hood. Drain cooling system. Remove air cleaner assembly. Remove radiator hoses and