

CHRYSLER CORP.

6-CYLINDER ENGINES

VAN MODELS

1) Disconnect battery and remove oil dipstick. Raise vehicle and remove air pump tube from exhaust pipe. Remove exhaust pipe. Remove inspection cover from transmission and drain crankcase. Remove engine-to-transmission strut.

2) Remove oil pan (it may be necessary to turn crankshaft to clear front of oil pan). Turn oil pickup tube upward to protect it from damage. Remove flex plate-to-torque converter bolts and transmission housing bolts. Remove right motor mount nut.

3) Lower vehicle and drain cooling system. Remove engine cover, carburetor air cleaner and carburetor. If equipped with A/C, discharge system and disconnect and cap condenser lines. Remove fan shroud, windshield washer and overflow reservoirs. Remove front bumper, grille and support brace. Disconnect radiator hoses. Remove radiator and support as an assembly.

4) Remove steering pump bracket bolts and set pump aside with hoses attached. Remove air pump. Disconnect throttle linkage, all hoses, electrical connections and lines to coil, alternator and other engine accessories. Remove alternator with brackets, fan blade, pulley and drive belts. Disconnect and cap flexible fuel pump line.

5) Remove starter and set aside. Remove distributor cap, spark plug wires and left engine mount nut. Attach lifting fixture to engine and place jack under transmission. Remove remaining transmission housing bolts and remove engine from front of vehicle.

ALL OTHER MODELS

1) Scribe hood hinges for reinstallation and remove hood. Drain cooling system and remove battery. Remove radiator, heater hoses and radiator. Set fan shroud aside and discharge air conditioning system (if equipped). Remove air cleaner, vacuum lines, distributor cap and wiring.

2) Remove carburetor, linkage, starter wiring and oil pressure wire. Remove starter, alternator, charcoal canister and horns. Remove A/C and power steering hoses (if equipped). Remove exhaust pipe at manifold. Remove transmission housing and inspection plate bolts. Attach "C" clamp to front of housing to prevent torque converter from coming out.

3) Remove torque converter drive plate bolts. Mark converter and drive plate to aid in reassembly. Support transmission with stand (C-3201-A) and disconnect engine from torque converter drive plate. Install engine lifting fixture and attach chain. Remove engine front mount bolts and remove engine from vehicle.

V8 ENGINES

VAN MODELS

1) Disconnect battery and remove oil dipstick. Raise vehicle and remove exhaust crossover pipe. Remove inspection cover from transmission. Drain engine oil and remove engine-to-transmission strut. Remove oil pan (it may be necessary to rotate engine to clear front of pan). Remove oil pump and pickup tube.

2) Remove flex plate-to-torque converter bolts. Remove starter and set aside. Remove lower transmission

housing bolts and engine mount nuts. Lower vehicle and drain cooling system. Remove engine cover and discharge air conditioning system. Disconnect and plug condenser lines. Remove front bumper, grille and support brace.

3) Remove air cleaner and carburetor. Disconnect radiator hoses and remove condenser, radiator and support as an assembly. Remove A/C compressor bracket bolts and set compressor aside. Remove air pump. Remove power steering pump and set aside with hoses attached. Disconnect throttle linkage, heater and vacuum hoses and all electrical connections to coil, alternator and other engine accessories.

4) Remove alternator, fan blade (or fluid fan unit), pulley and all drive belts. Disconnect and cap flexible line at fuel pump. Remove left exhaust manifold heat shield, spark plug wires and distributor cap. Attach lifting fixture to intake manifold. Place floor jack under transmission and remove upper transmission housing bolts. Use lifting device to remove engine from front of vehicle.

ALL OTHER MODELS

1) Scribe hood hinges for reassembly and remove hood. Drain cooling system and remove battery and air cleaner. Remove coolant hoses and radiator. Discharge A/C system (if equipped) and remove vacuum lines, distributor cap and wiring. Remove carburetor, linkage, starter wires and oil pressure wire.

2) Remove A/C hoses and power steering hoses (if equipped). Remove starter, alternator, charcoal canister and horns. Remove exhaust crossover pipe at manifold. Remove transmission housing bolts and inspection plate. Attach "C" clamp to front of transmission torque converter housing to prevent converter from falling out.

3) Remove drive plate bolts and mark converter and drive plate to aid in reassembly. Support transmission with stand (C-3201-A) and disconnect engine from torque converter drive plate. Install engine lifting fixture and remove engine front mounts. Remove engine from engine compartment.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (N.m)
Front Mount-to-Engine	
6-Cylinder	50 (68)
V8	65 (88)
Flex Plate-to-Converter	23 (31)
Flex Plate-to-Crankshaft	55 (75)
Flywheel-to-Crankshaft	55 (75)