

CHRYSLER CORP.

COOLING SYSTEM CAPACITY

Application	① Quarts
225"	
W100 & W200	② ③ 13
D300 & W300	14
All Other Models	③ 13
318"	
B300 & PB300 (W/Auto. Trans.)	⑧ 18
"B" & "PB" Models (All Others).....	④ 17
"AD", "AW", "PD" & "PW" Models	④ 16
D100 & W100	17
All Other Models	④ 17
318-3" Motor Home.....	① ② 22
360" (All Models).....	④ 16
440"	
"AD", "AW", "PD" & "PW" Models	④ 16
D100	④ ⑦ 16
D200 & D300	④ ⑦ 17
① — Does not include heater. ② — Add 1 qt. W/Air Cond. ③ — Add 1 qt. W/Increased Cooling. ④ — Add 1 qt. W/Increased Cooling or Air Cond. ⑤ — Add 1 qt. W/Auto. Trans., Increased Cooling, or Air Cond. ⑥ — Add 1½ qt. W/Air Cond. ⑦ — Add 1 qt. W/Coolant Reserve System. ⑧ — Add 1 qt. W/Increased Cooling or 2 qts. W/Air Cond. ⑨ — Add 2 qts. W/Coolant Reserve System.	

PRESSURE CAP

Application	PSI
All Models.....	16

THERMOSTAT

Application	① Initial Open	① Full Open
6 Cyl. Engine		
All Models.....	192-199	219
V8 Engine		
Motor Home	182-189	205
D200/300 &		
W200/300	182-189	205
D100 & W100	192-199	219
"AW", "AD", "PW", "PD"	192-199	219
B100/200 318"	192-199	219
PB100/200 318"	192-199	219
B300 & PB300	182-189	205
① — Specifications are in °F.		

WATER PUMP

"B" & "PB" MODELS

Removal — 1) Drain cooling system and disconnect battery ground cable, upper radiator hose, and four fan shroud mounting nuts. Position shroud rearward on engine. Remove two top radiator mounting screws. If equipped with air conditioning, remove condenser attaching screws (accessible through grille). Raise vehicle, disconnect cooler lines and lower radiator hose at radiator. **CAUTION** — Cap or plug lines to prevent contamination of fluid or excessive loss of fluid. Hold radiator in place, remove two lower mounting screws and carefully lower radiator out of yoke.

2) On 6 cylinder engines, loosen alternator, power steering pump or idler pulley, then remove all drive belts. Remove fan, spacer, pulley and bolts as an assembly. Position by-pass lower clamp in center of hose and disconnect heater hose. Remove water pump retaining bolts and water pump assembly.

3) On V8 engines, loosen alternator adjusting arm bolt and pivot bolt. Loosen power steering and air pumps (if equipped) and remove all drive belts. On models without air conditioning, remove alternator bracket attaching bolts from water pump, swing alternator out of way and tighten pivot bolt.

4) On V8 engines with air conditioning, remove alternator, adjusting bracket, and power steering pump attaching bolts. Remove fan, spacer (or fluid unit) pulley and bolts as an assembly. **CAUTION** — To prevent silicone fluid from draining into fan drive bearing and ruining lubricant, do not place drive unit into any position with shaft pointing downward.

5) Disconnect heater and by-pass hoses. Remove air conditioning compressor pulley and field coil assembly. Remove water pump-to-compressor front mount bracket bolts and bracket. Remove water pump retaining bolts and pump assembly.

Installation — Clean all gasket surfaces, install new hoses (as required) and gaskets. Reverse removal procedure, tighten bolts, adjust drive belt tension and refill cooling system.

"D", "W" & "P" MODELS

Removal (6 Cyl. Engines) — 1) On models without air conditioning or air pump, drain cooling system. Remove fan shroud (if equipped) and set back on engine. Loosen alternator, power steering pump and remove belts. Remove fan, spacer, pulley and bolts as an assembly. Remove fan shroud if equipped. Position lower hose clamp in center of by-pass hose. Disconnect heater hose and lower radiator hose from water pump. Remove water pump attaching bolts and water pump assembly.

2) On models equipped with air conditioning or air pump, remove battery and drain cooling system. Remove fan shroud (if equipped) and set back on engine. Disconnect radiator

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hoses and cooler lines at radiator. **CAUTION** — *Cap or plug lines to prevent contamination of fluid or excessive loss of fluid.* Remove radiator attaching screws, air conditioning condenser attaching bolts (if necessary), and remove radiator from vehicle.

3) Loosen alternator, power steering or idler pulley, compressor or air pump. Remove fan, spacer, pulley and bolts as an assembly. Remove all drive belts. Remove compressor bracket or air pump bracket to water pump and position compressor or air pump out of the way. Position lower hose clamp in center of by-pass hose and disconnect heater hose. Remove water pump attaching bolts and water pump assembly.

Installation — Clean all gasket surfaces, install new hoses (as required) and gaskets. Reverse removal procedure, tighten bolts, adjust drive belt tension and refill cooling system.

Removal (V8 Engines) — 1) Drain cooling system. Remove fan shroud (if equipped) and set back on engine. Disconnect radiator hoses and oil cooler lines at radiator. **CAUTION** — *Cap or plug lines to prevent contamination of fluid or excessive loss of fluid.* Remove radiator attaching screws, air conditioning condenser attaching bolts (if necessary), and remove radiator from vehicle.

2) Loosen alternator adjusting bolts and pivot bolt, power steering and air pump (if equipped), and remove all drive belts. On 318" and 360" engines without air conditioning, remove alternator bracket attaching bolts, swing alternator out of way and tighten pivot bolt. On 318" and 360" engines with air conditioning, remove idler pulley assembly, alternator and adjusting bracket.

3) Remove fan, spacer (or fluid drive) pulley and bolts as an assembly. **CAUTION** — *To prevent silicone fluid from draining into fan drive bearing and ruining the lubricant, do not place drive unit with shaft pointing downward.*

4) On 318" and 360" engines, disconnect heater and by-pass hoses, remove compressor clutch assembly, remove compressor to front mounting bracket bolts and remove water pump to compressor front mount bracket bolts and bracket. On all engines, remove water pump attaching bolts and water pump assembly.

Installation — Clean all gasket surfaces, install new hoses (as required) and gaskets. Reverse removal procedure, tighten bolts, adjust drive belt tension and refill cooling system.

"AD", "AW", "PD" & "PW" MODELS

Removal — 1) Drain cooling system. Remove fan shroud (if equipped) and set back on engine. Loosen alternator adjusting bolts and pivot bolt. Loosen power steering and air pump bolts (if equipped). Remove all drive belts. On 318" and 360" engines without air conditioning, remove alternator bracket bolts to water pump. Swing alternator out of way and tighten pivot bolt.

2) On 318" and 360" engines with air conditioning, remove idler pulley assembly, alternator and adjusting bracket. On all models, remove fan, spacer (or fluid drive), pulley and bolts as an assembly. **CAUTION** — *To prevent silicone fluid from draining into fan drive bearing and ruining the lubricant, do not place drive unit with shaft pointing downward.*

3) Disconnect heater, by-pass and radiator hoses. Remove compressor clutch assembly, compressor-to-front mounting bracket bolts and water pump-to-compressor front mount bracket bolts and bracket. Remove water pump attaching bolts and water pump assembly.

Installation — Clean all gasket surfaces, install new hoses (as required) and gaskets. Reverse removal procedure, tighten bolts, adjust drive belt tension and refill cooling system.

MOTOR HOME MODELS

Removal — 1) Radiator must be removed before removing water pump. The radiator removal procedure may vary depending on body style. The following general procedures apply to most body styles. Disconnect battery ground cable and drain cooling system. Disconnect upper and lower radiator hoses, remove radiator filler extension, and disconnect oil cooler lines. **CAUTION** — *Cap or plug lines to prevent contamination of fluid or excessive loss of fluid.*

2) Remove upper air baffle, both side baffles and coolant reserve tank. Remove fan shroud from radiator and position rearward on engine to provide maximum clearance. Remove radiator attaching bolts and remove radiator from vehicle.

3) Loosen power steering pump and alternator. Remove all drive belts. Remove fan and fluid fan drive as a unit. **CAUTION** — *To prevent silicone fluid from draining into fan drive bearing and ruining the lubricant, do not place drive unit with shaft pointing downward.* Remove inlet hose, and loosen by-pass hose clamp (318"-3 engine only). Remove water pump attaching bolts and water pump assembly.

Installation — Clean all gasket surfaces, install new hoses (as required) and gaskets. Reverse removal procedure, tighten bolts, adjust drive belt tension and refill cooling system.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs.
Water Pump Attaching Bolts.....	30
Fan Attaching Bolts.....	15-18
Fluid Fan Drive Bolts.....	15-18