

CHRYSLER CORP.

COOLING SYSTEM CAPACITY

Application	① Quarts
1965	
170"	12
225"	
A100	13
All Others	② 13
273"	17
318"	② 20
1966	
170"	12
225"	
A100	13
All Others	② 13
273"	17
318" & 383"	② 16.5
1967	
170"	12.5
225"	
A100	14.5
All Others	12
318"	
A100	19
All Others	16
383"	15
1968	
170"	12.5
225"	
A100	14.5
All Others	14
318"	
A100	19
Motor Home	② 22
All Others	18
383"	16
1969	
170"	12.5
225"	
A100	14.5
D300, W300	14
All Others	③ 13
318"	
A100	19
W300	③ 18
Motor Home	② 22
All Others	④ 18
383"	17
1970	
170"	12.5
225"	
A100	14.5
"B" Models	⑤ 13
All Others	③ 13
318"	
A100	19
"B" Models	⑥ 17
Motor Home	② 22
W300	③ 18
All Others	④ 18

COOLING SYSTEM CAPACITY (Cont.)

Application	① Quarts
1970 (Cont.)	
360"	
"B" Models	④ 17
383"	17
413" Motor Home	② 27
1971	
225"	
"B" Models	⑤ 13
All Others	③ 13
318"	
"B" Models	⑥ 17
W300	③ 18
Motor Home	② 22
All Others	④ 18
360"	
"B" Models	④ 17
383"	17
413" Motor Home	② 27
1972	
225"	
"B" Models	⑤ 13
D100, D200	⑥ 13
W100, W200	⑦ 13
All Others	14
318"	
"B" Models	⑥ 17
D100	⑧ 17
W100	⑨ 17
All Others	⑩ 17
318"-3 Motor Home	② ⑩ 22
360"	
"B" Models	④ 17
All Others	④ 16
400"	⑥ 16
413" Motor Home	② ⑬ 27
1973	
225"	
W100, W200	④ 13
D300, W300	14
All Others	⑤ 13
318"	
"B" Models	⑥ 17
D100, W100	17
All Others	⑩ 17
318"-3 Motor Home	② ⑬ 22
360"	④ 16
400"	
D100, D200	⑥ 16
D300	④ 17
413" Motor Home	② ⑬ 27
440"	
D100	⑥ ⑰ 16
D200, D300	⑥ ⑰ 17
1974	
225"	
W100, W200	⑥ 13
D300, W300	14
All Other Models	⑤ 13

Engine Cooling Systems

CHRYSLER CORP. (Cont.)

COOLING SYSTEM CAPACITY (Cont.)

Application	① Quarts
1974 (Cont.)	
318"	
B300 & PB300 W/Auto. Trans.	⑬18
"B" & "PB" Models (All Others).....	⑭17
"AW" & "PW" Models.....	⑮16
D100,W100.....	17
All Others Models.....	⑩17
318" - 3 Motor Home	⑫⑭22
360"	⑯16
400"	
D100,D200.....	⑰16
D300.....	⑱17
440"	
"AW" & "PW" Models.....	⑲16
D200,D300.....	⑳㉑17
D100.....	㉒⑳16

- ① - Subtract 1 qt. if not equipped with heater. If equipped with an Auxiliary heater, add 1 qt.
- ② - Does not include heater.
- ③ - Add 2 qts. W/Air Cond.
- ④ - Add 1 qt. W/Air Cond.
- ⑤ - Add 1 qt. W/Increased Cooling.
- ⑥ - Add 1 qt. W/Increased Cooling or Air Cond.
- ⑦ - Add 1 qt. W/Auto. Trans., Increased Cooling or Air Cond.
- ⑧ - Add 1 pt. W/Increased Cooling or Air Cond.
- ⑨ - Add 1 pt. W/Auto. Trans., Increased Cooling or Air Cond.
- ⑩ - Add 1 pt. W/Increased Cooling or 1 1/2 qt. W/Air Cond.
- ⑪ - Add 1 1/2 qt. W/Air Cond.
- ⑫ - Add 1 qt. W/Coolant Reserve System.
- ⑬ - Add 1 qt. W/Increased Cooling and 2 qts. W/Air Cond.
- ⑭ - Add 2 qts. W/Coolant Reserve System.

PRESSURE CAP

Application	PSI
1965-67	
A100.....	14
All Others.....	7
1968-69	
Motor Home.....	7
All Others.....	14
1970-71	
"B" Models.....	16
Motor Home.....	7
All Others.....	14
1972-74	
All Models.....	16

THERMOSTAT

Application	① Initial Open	① Full Open
1965-67		
All Models.....	177-184	200
1968		
Motor Home.....	182-189	205
A100 (170").....	187-194	210
All Others.....	177-184	200
1969		
Motor Home.....	182-189	205
A100 (225" & 318")...177-184		200
All Others.....	187-194	210
1970		
A100 (170").....	187-194	210
A100 (225" & 318")...177-184		200
All Others.....	182-189	205
1971-73		
All Models.....	182-189	205
1974		
6 Cyl. Engine		
All Models.....	192-199	219
V8 Engine		
Motor Home.....	182-189	205
D200/300 & W200/300		
D100 & W100.....	182-189	205
D100 & W100.....	192-199	219
"AW" & "PW" Models.....	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

1965-67 A100

Removal - Drain cooling system and remove fan belt. Unscrew fan bolts, then remove fan, spacer and bolts as an assembly. **CAUTION** - Take care not to damage radiator core. Loosen by-pass hose clamps and position in center of the hose. Disconnect heater and radiator hoses. 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.

1968-70 A100

Removal - 1) Drain cooling system and remove upper radiator hose. Raise vehicle on a hoist, remove eight bolts securing center air scoop, then lower front of scoop sliding it out toward front of vehicle. Remove lower radiator hose and disconnect transmission oil cooler lines (if equipped). **CAUTION** - Cap or plug lines to prevent contamination of fluid or excessive loss of fluid. Hold radiator in position and remove four radiator core-to-yoke attaching bolts. Carefully lower radiator out of yoke. **CAUTION** - It may be necessary to reposition brake line.

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2) On 6 cylinder engines, loosen alternator mounting bolts and remove fan belt. Unscrew fan bolts and remove fan, spacer, pulley and bolts as an assembly. Position lower hose clamp in center of by-pass hose and disconnect heater hose from water pump. Remove water pump attaching bolts and water pump assembly.

3) On V8 engines, remove oil dipstick, loosen alternator adjusting bolts and pivot bolt. Remove fan belt and alternator bracket attaching bolts from water pump. Swing alternator out of way and tighten pivot bolt. Remove accelerator bracket attaching bolt from water pump. Unscrew fan blade bolts and remove fan, spacer, pulley and bolts as an assembly. Disconnect heater and by-pass hoses. Remove water pump retaining 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.

1970-74 "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 idler pulley assembly (1970-73 only), alternator and 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 the lubricant, do not place drive unit with shaft pointing downward.*

5) Disconnect heater and by-pass hoses. Remove air conditioning compressor front mounting bolts (1970-73 only), air conditioning compressor pulley and field coil assembly (1974 only). Remove water pump-to-compressor front mount bracket bolts and bracket. Remove water pump retaining 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.

1965-71 "D", "W" & "P" MODELS

Removal — Drain cooling system. Remove upper half of fan shroud (if equipped) or set one piece shroud back on engine. Loosen power steering pump, idler pulley (if equipped) and alternator. Remove all drive belts. Remove fan, spacer, pulley and bolts as an assembly. Remove water pump inlet hose and heater hose (if equipped). Remove clamp from by-pass hose. Remove water pump attaching bolts, push pump body down and off by-pass hose. Remove 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.

1972-74 "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 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.

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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.

1974 "AW" & "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.

1968-74 MOTOR HOME

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