

Engine Cooling Systems

GENERAL MOTORS

GMC COOLING SYSTEM CAPACITY

Application	① Quarts
250" Engine	
"G" Models.....	12
"C" & "K" Models	
Man. Trans.	12.2
Auto. Trans. & Heavy Duty Rad.....	12.5
P1500.....	12
P2500 & P3500.....	12.5
292" Engine	
"C" & "K" Models.....	③ 12.7
P2500 & P3500.....	13.1
350" Engine	
"G" Models.....	⑤ 15
"K" Models	
Man. Trans. & Heavy Duty Rad.	16.5
Auto. Trans. & Air Cond.....	17.9
"P" Models.....	② 16.9
C1500	
Man. Trans.	④ 15.8
Auto. Trans. & Heavy Duty Rad.....	⑥ 16.2
C2500 & C3500	
Man. Trans.	⑦ 16.2
Auto. Trans. & Air Cond.....	④ 17.7
454" Engines	
Man. Trans. & Heavy Duty Rad.....	18.5
455" Engines	
Motor Homes.....	21

① - W/Heater add 1 qt., W/Heavy Duty Rad., Add 1 qt.
 ② - W/Heavy Duty Rad., add 1.5 qt.
 ③ - W/Heavy Duty Rad., add .5 qt.
 ④ - W/Air Cond., add 2 qts.
 ⑤ - W/Air Cond., add 3 qts.
 ⑥ - W/Air Cond., add .5 qt.
 ⑦ - W/Heavy Duty Rad., add 2 qts.

CHEVROLET COOLING SYSTEM CAPACITY (Cont.)

Application	① Quarts
C20 & C30	
Man. Trans.	16.2
Auto. Trans. & Heavy Duty Rad.....	17.7
Heavy Duty Rad.	18.8
454" Engines	
Man. Trans. & Heavy Duty Rad.....	18.5
Auto. Trans. & Air Cond.....	21
455" Engines	
Motor Homes.....	21

① W/Heater, Heavy Duty Rad., or Air Cond., add 1 qt.
 ② W/Air Cond., add 2 qts.

GMC PRESSURE CAP

Application	PSI
All Models	15

CHEVROLET PRESSURE CAP

Application	PSI
All Models	15

GMC THERMOSTAT

Application	① Rating °F
C2500 & C3500 W/292" or 454" (Calif. Only)	180
All Others	195

① - Thermostat should be full open at 25°F above stamped rating and fully closed at 10°F below stamped rating.

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C20 & C30 W/292" or 454" (Calif. Only)	180
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CHEVROLET COOLING SYSTEM CAPACITY

Application	① Quarts
250" Engines	
"G" Models.....	12
"C" & "K" Models	
Man. Trans.	12.2
Auto. Trans. & Heavy Duty Rad.....	12.5
P10.....	12
P20 & P30.....	12.5
292" Engines	
"C" & "K" Models.....	12.5
P20 & P30 Models.....	12.5
350" Engines	
"G" Models.....	② 15
"K" Models	
Man. Trans. & Heavy Duty Rad.	16.5
Auto. Trans. & Air Cond.....	17.9
"P" Models.....	16.9
C10 Models	
Man. Trans.	15.8
Auto. Trans. & Heavy Duty Rad.....	16.2
Air Cond.....	17.7

WATER PUMP

ALL MODELS

Removal - Drain cooling system and loosen fan pulley bolts. Disconnect heater hose, lower radiator hose and by-pass hose at water pump. Loosen alternator and remove drive belt.

GENERAL MOTORS (Cont.)

Remove fan bolts, fan and pulley. *NOTE* — *Thermostatic fan clutches must be supported so clutch disc remains in a vertical plane to prevent silicone fluid leakage.* Remove water pump attaching bolts and water pump assembly. *CAUTION* — *On 6 cylinder engines, pull pump straight out of block to avoid damaging impeller.*

Installation — Clean 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	
6 Cyl. Engines	15 INCH Lbs.
V8 Engines	30