

COOLING SYSTEM

SPECIFICATIONS

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Coolant capacity	Radiator and engine	3.2 liter (3.38 US qt, 2.82 Imp qt)
	Reserve tank	0.8 liter (0.85 US qt, 0.70 Imp qt)
Radiator cap relief pressure		108 – 137 kPa (1.1 – 1.4 kgf/cm ² , 16 – 20 psi)
Thermostat	Begin to open	80 – 84 °C (176 – 183 °F)
	Fully open	95°C (203 °F)
	Valve lift	8 mm (0.3 in) minimum
Recommended antifreeze		Pro Honda Coolant or an equivalent high quality ethylene glycol antifreeze containing corrosion protection inhibitors specifically recommended for use in aluminum engines
Standard coolant concentration		50/50% mixture with soft water

TORQUE VALUES

Water pump cover flange bolt	12 N•m (1.2 kgf•m, 9 lbf•ft)	CT bolt
Thermostat cover flange bolt	12 N•m (1.2 kgf•m, 9 lbf•ft)	CT bolt
ECT/thermo sensor	23 N•m (2.3 kgf•m, 17 lbf•ft)	
Cooling fan mounting nut	3 N•m (0.27 kgf•m, 2.0 lbf•ft)	Apply a locking agent to the threads
Fan motor mounting nut	5 N•m (0.5 kgf•m, 3.6 lbf•ft)	

TROUBLESHOOTING

Engine temperature too high

- Faulty temperature gauge or ECT/thermo sensor
- Thermostat stuck closed
- Faulty radiator cap
- Insufficient coolant
- Passages blocked in radiator, hoses or water jacket
- Air in system
- Faulty cooling fan motor
- Faulty fan motor relay
- Faulty water pump

Engine temperature too low

- Faulty temperature gauge or ECT/thermo sensor
- Thermostat stuck open
- Faulty cooling fan motor relay

Coolant leak

- Faulty water pump mechanical seal
- Deteriorated O-rings
- Faulty radiator cap
- Damaged or deteriorated cylinder head gasket
- Loose hose connection or clamp
- Damaged or deteriorated hose