

6. COOLING SYSTEM

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SERVICE INFORMATION

GENERAL

▲WARNING

- *Wait until the engine is cool before slowly removing the radiator cap. Removing the cap while the engine is hot and the coolant is under pressure may cause serious scalding.*
- *Radiator coolant is toxic. Keep it away from eyes, mouth, skin and clothes.*
 - *If any coolant gets in your eyes, rinse them with water and consult a doctor immediately.*
 - *If any coolant is swallowed, induce vomiting, gargle and consult a physician immediately.*
 - *If any coolant gets on your skin or clothes, rinse thoroughly with plenty of water.*
- **KEEP OUT OF REACH OF CHILDREN.**

- Use only distilled water and ethylene glycol in the cooling system. A 50–50 mixture is recommended for maximum corrosion protection. Do not use an alcohol-based antifreeze.
- Add coolant to the cooling system at the reserve tank. Do not remove the radiator cap except to refill or drain the system.
- All cooling system services can be done with the engine in the frame.
- Avoid spilling coolant on painted surfaces.
- After servicing the system, check for leaks with a cooling system tester.
- Refer to section 19 for fan motor switch and coolant temperature sensor inspection.

SPECIFICATIONS

ITEM		SPECIFICATIONS
Coolant capacity	Radiator and engine	2.0 ℓ (2.1 US qt, 1.8 Imp qt)
	Reserve tank	0.20 ℓ (0.21 US qt, 0.18 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

TORQUE VALUES

Water pump cover bolt	13 N·m (1.3 kgf·m, 9 lbf·ft)	CT bolt
Thermo sensor unit	10 N·m (1.0 kgf·m, 7 lbf·ft)	Apply sealant to the threads
Fan motor switch	18 N·m (1.8 kgf·m, 13 lbf·ft)	Apply sealant to the threads
Fan motor nut	5 N·m (0.5 kgf·m, 3.6 lbf·ft)	
Fan motor mounting nut	3 N·m (0.28 kgf·m, 2.0 lbf·ft)	Apply a locking agent to the threads