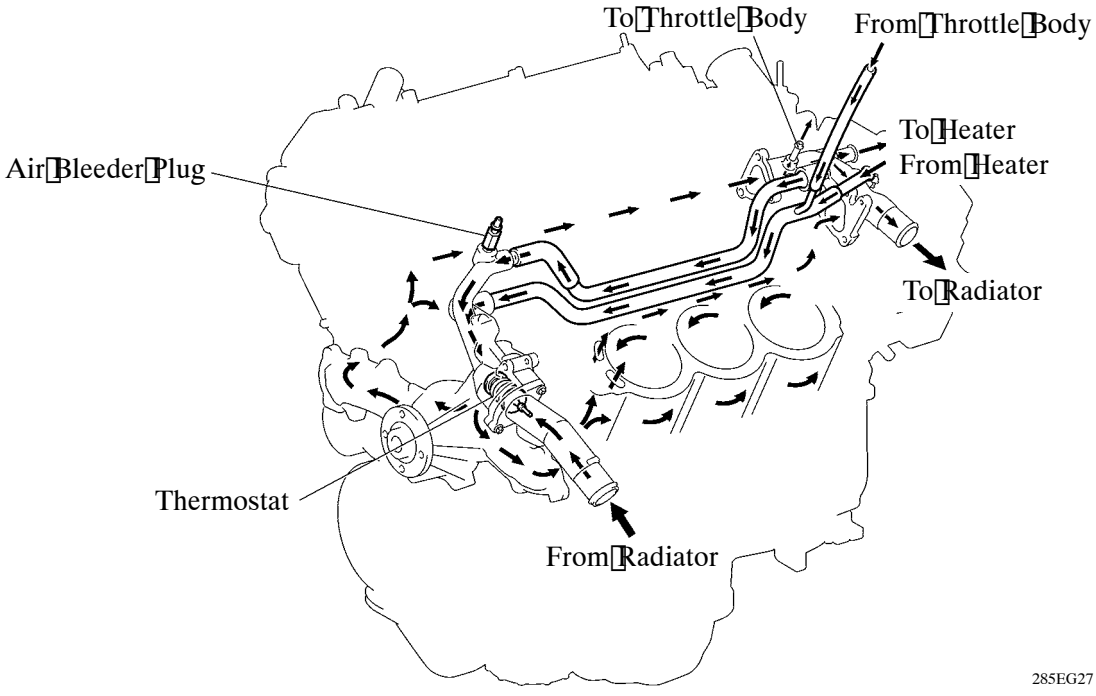
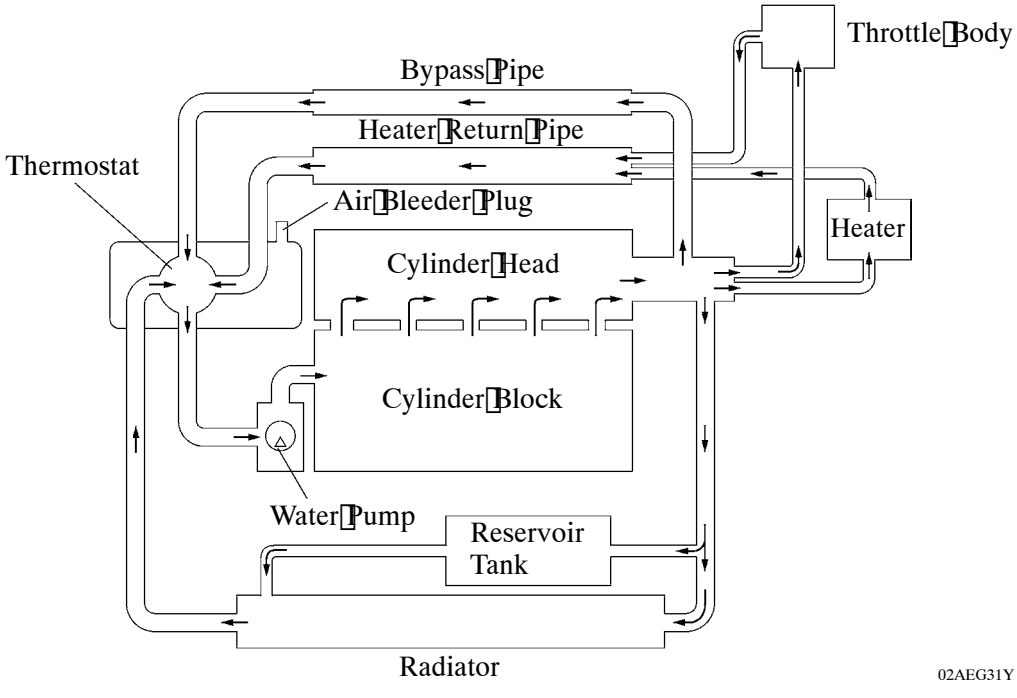
6. Cooling System

- The cooling system is a pressurized, forced-circulation type.
- A thermostat with a bypass valve is located on the water inlet housing to maintain suitable temperature distribution in the cooling system.
- A cooling fan control system in which the engine ECU optimally controls cooling fan speed is used. For details, see page 79.
- An air bleeder plug is provided on the water inlet assembly to improve the efficiency of changing the water. For details, refer to the RAV4 Repair Manual Supplement.
- The TOYOTA genuine SLLC (Super Long Life Coolant) is used.



▶ System Diagram ◀



▶ Specifications ◀

Engine Coolant	Type		TOYOTA genuine Super Long Life Coolant (SLLC) or similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite and non-borate coolant with long-life hybrid organic acid technology (coolant with long-life hybrid organic acid technology is a combination of low phosphates and organic acids.) Do not use plain water alone.
	Color		Pink
	Capacity	Except Towing Package Models	8.9 Liters (9.4 US qts, 7.8 Imp. qts)
		Towing Package Models	9.3 Liters (9.8 US qts, 8.2 Imp. qts)
	Maintenance Intervals	First time	160,000 km (100,000 miles)
		Subsequent	Every 80,000 km (50,000 miles)
Thermostat	Opening Temperature °C (°F)		80 – 84 (176 – 183)

SLLC is pre-mixed (50% coolant and 50% deionized water). Therefore, no dilution is needed when SLLC in the vehicle is added or replaced.