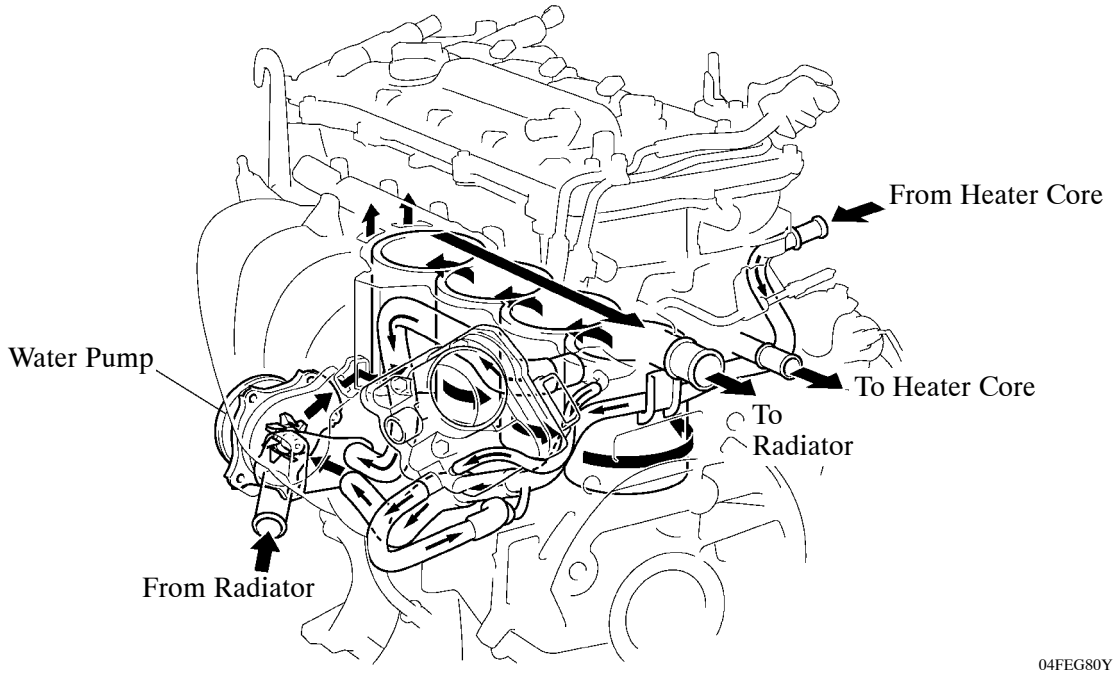
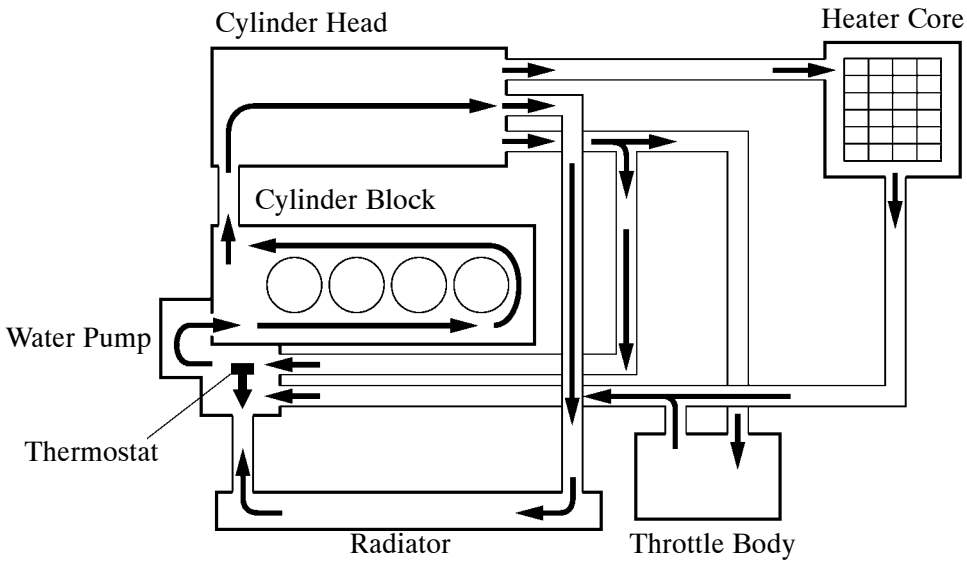
■ COOLING SYSTEM

- The cooling system is a pressurized, forced-circulation type.
- A thermostat with a bypass valve is located in the water inlet housing to maintain a suitable temperature in the cooling system.
- The flow of the water makes a U-turn in the cylinder block to ensure a smooth flow. In addition, a bypass passage is enclosed in the cylinder head and the cylinder block.
- Warm water from the cylinder head is sent to the throttle body to prevent freeze-up.
- The TOYOTA Genuine Super Long Life Coolant (SLLC) is used.



▶ Water Circuit ◀



▶ 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.
	Capacity Liters (US qts, Imp. qts)		5.0 (5.3, 4.4)
	Color		Pink
	Maintenance Intervals	First time	160,000 km (100,000 mile)
		Subsequent	Every 80,000 km (50,000 mile)
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.