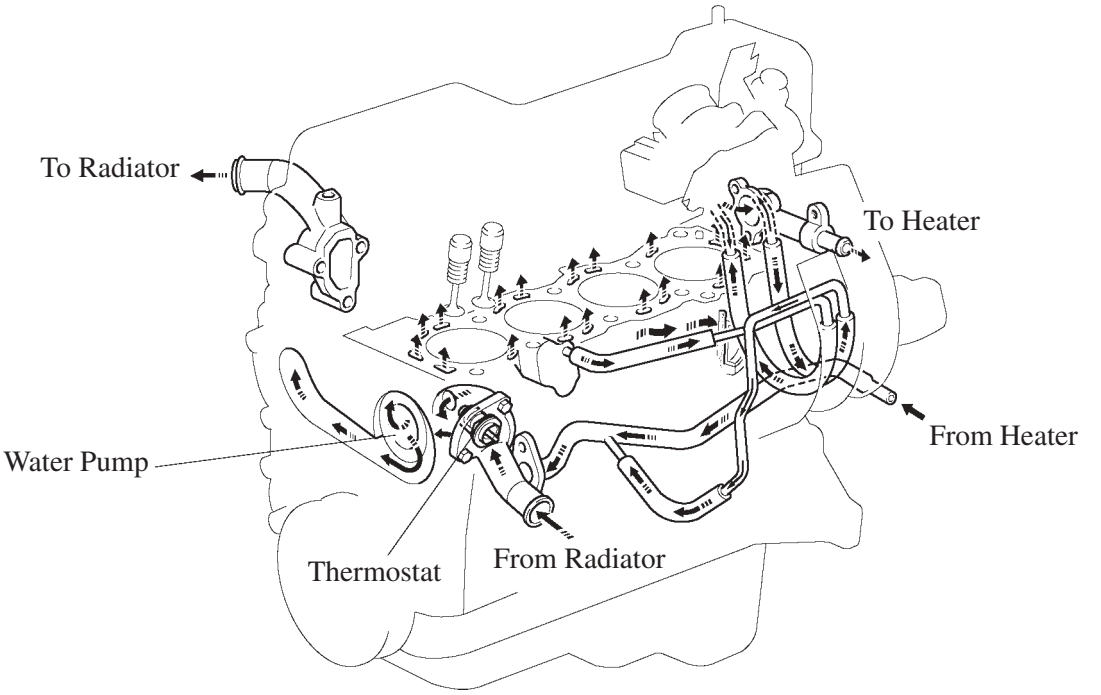
■COOLING SYSTEM

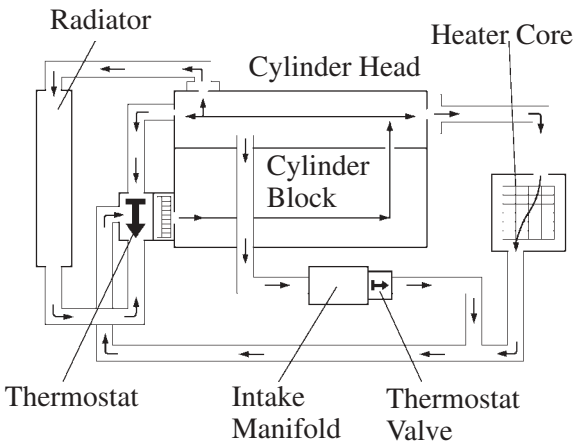
1. General

- 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.
- An aluminum radiator core is used for weight reduction.



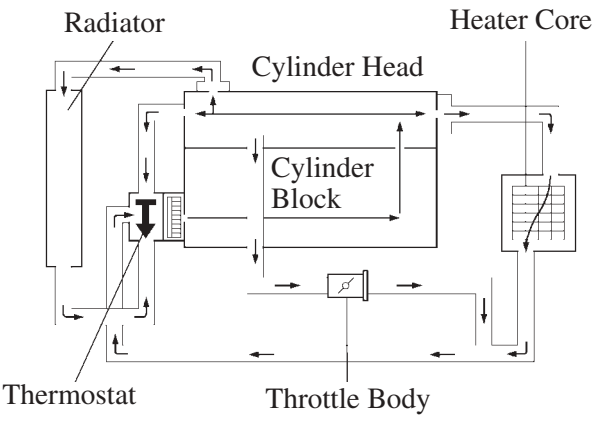
140EG47

▶ 1RZ Engine ◀



140EG10

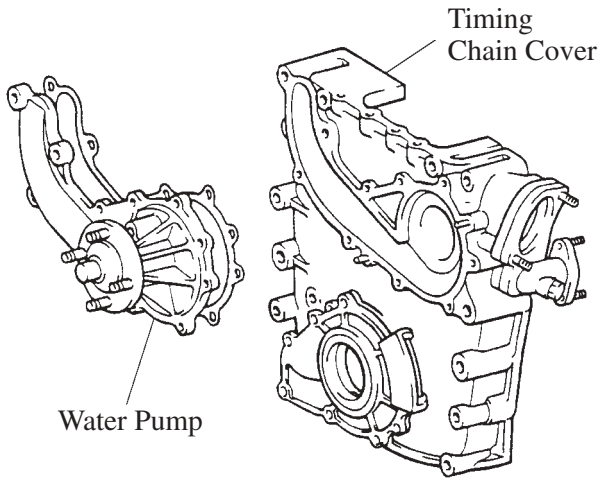
▶ 1RZ-E Engine ◀



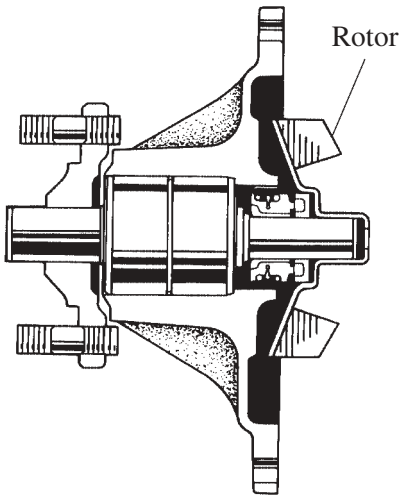
140EG11

2. Water Pump

- The water pump is located in the timing chain cover and driven by the V-ribbed belt.
- The 6 rotors are made of stainless steel.



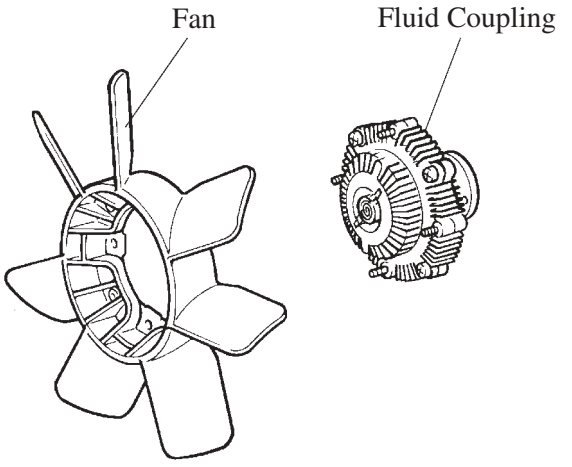
140EG87



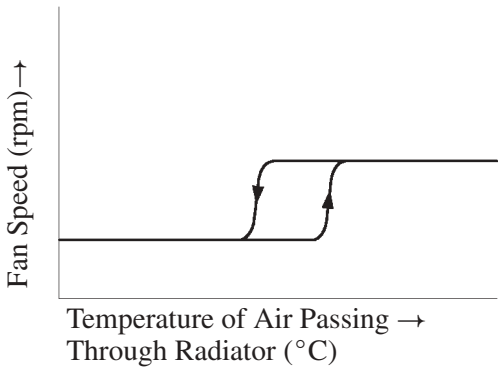
140EG88

3. Coupling Fan

A 2-stage temperature-controlled fluid coupling has been adopted to achieve both cooling performance and low noise.



140EG89



140EG12