

GROUP 14

ENGINE COOLING

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GENERAL INFORMATION

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The cooling system is a water-cooled pressurized, forced circulation type which offers the following features.

- To stabilize engine coolant temperature, the thermostat is located at the coolant inlet port from the radiator.

- To improve engine cooling performance and save weight, a plastic tank and aluminum radiator fins are used.

- Vehicles for California emission regulation: PremAir®* direct ozone reduction (DOR) radiator has been adopted to protect the environment. A catalyst which reduces ozone (O₃) in the ambient air has been applied to the radiator core.

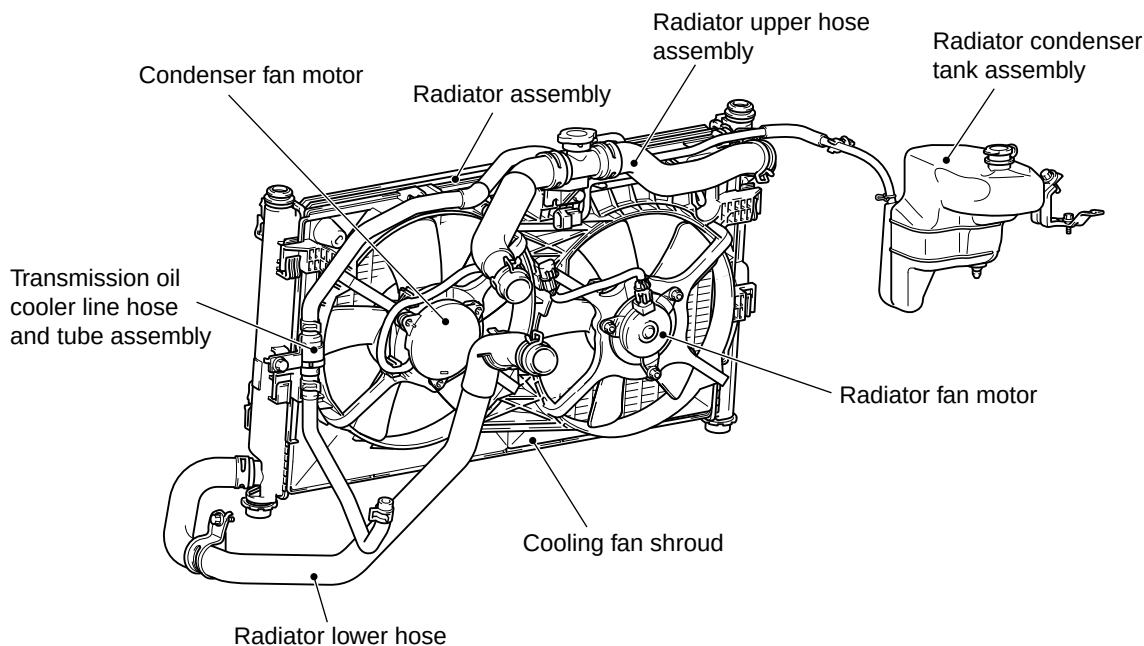
NOTE: *: PremAir is a registered trademark of Engelhard Corporation.

SPECIFICATIONS

Item		Specification
Cooling method		Water-cooled pressurized, forced circulation with electrical fan
Radiator	Type	Pressurized corrugate type
	Performance kJ/h (kcal/h)	266,400 (63,640) 260,280 (62,178)*
Water pump	Type	Centrifugal impeller
	Drive method	Timing belt
Thermostat	Type	Wax pellet with jiggle valve
	Valve open temperature °C (°F)	82 (180)

NOTE: *: Vehicles for California emission regulation.

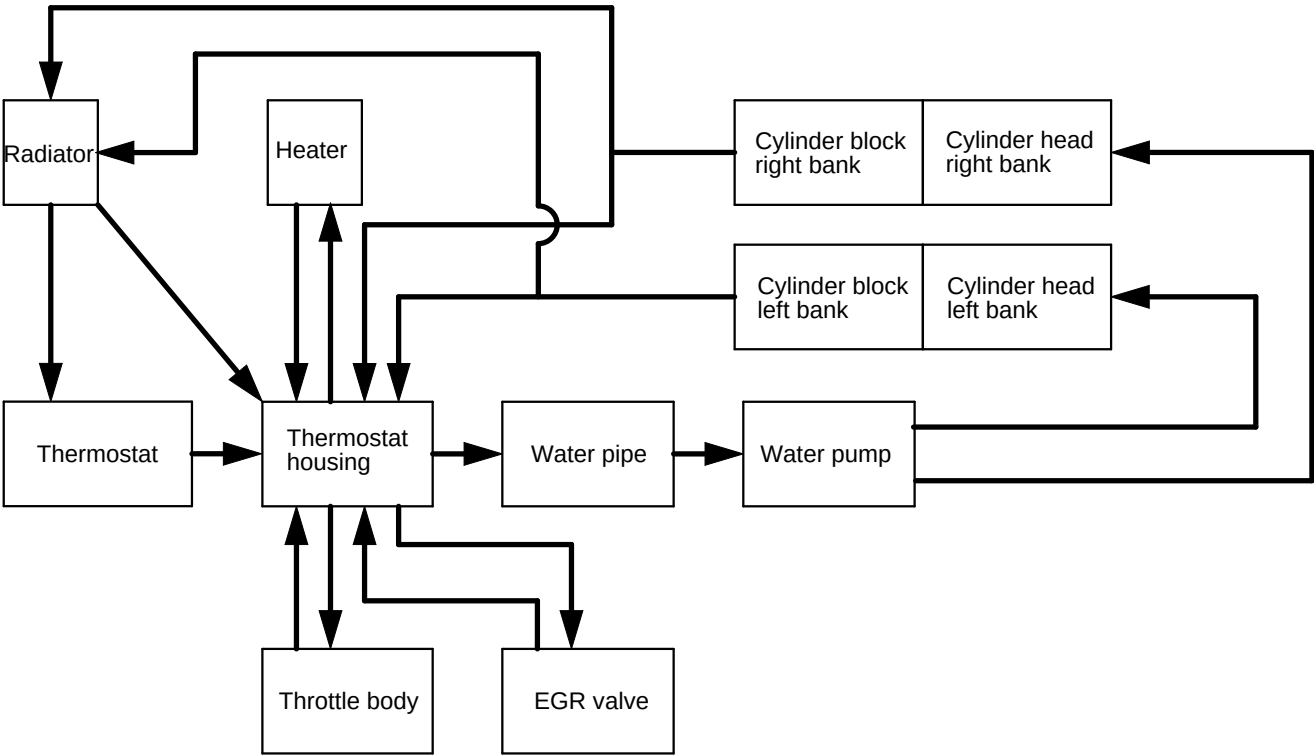
CONSTRUCTION DIAGRAM



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WATER PASSAGE

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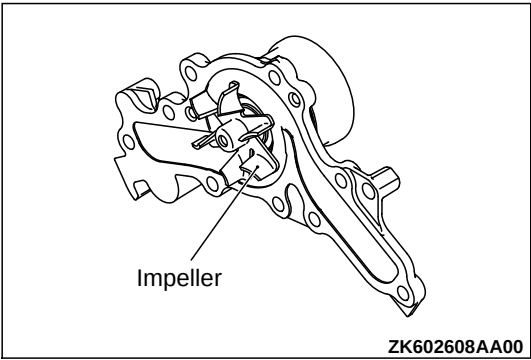
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WATER PUMP

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The water pump is installed in the front of the cylinder block and driven by the timing belt.

Item	Specifications
Discharge volume L/min	70/3000 140/6000
Impeller diameter mm	64
Pulley outer diameter mm	61.7



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