
GROUP 14

ENGINE COOLING

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GENERAL DESCRIPTION

M2140000100382

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

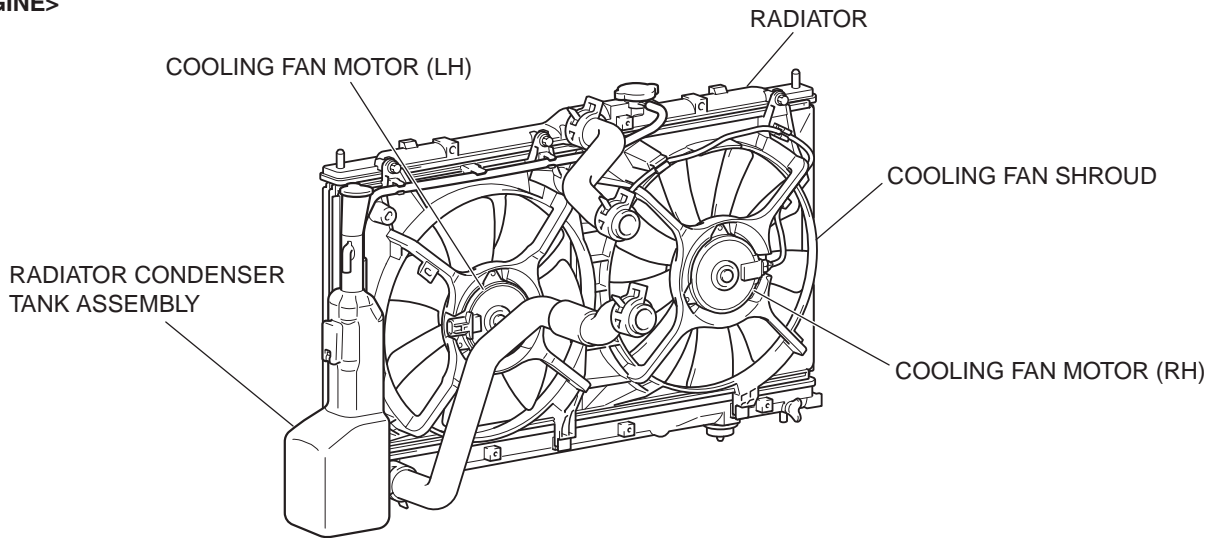
- To stabilize engine coolant temperature, the thermostat is located at the coolant inlet port from the radiator.
- To improve engine cooling performance and save weight, a plastic tank and aluminum radiator fins are used.
- The speed of the radiator fan is controlled by a fan controller. The ECM or PCM detects driving conditions and controls the controller so that the fan operating noise is minimized and fuel efficiency is improved. <3.8L Engine>

SPECIFICATIONS

ITEM		SPECIFICATION	
Cooling method		Water-cooled pressurized, forced circulation with electrical fan	
Radiator	Type	Pressurized corrugate type	
	Performance kJ/h (kcal/h)	A/T	202,320 (48,332)
		M/T	195,480 (46,698)
Water pump	Type	Centrifugal impeller	
	Drive method	Drive belt	
Thermostat	Type	Wax pellet with jiggle valve	
Valve open temperature °C (°F)		82 (180)	
Built-in transmission fluid cooler <A/T>	Performance kJ/h (kcal/h)	7,200 (1,720)	

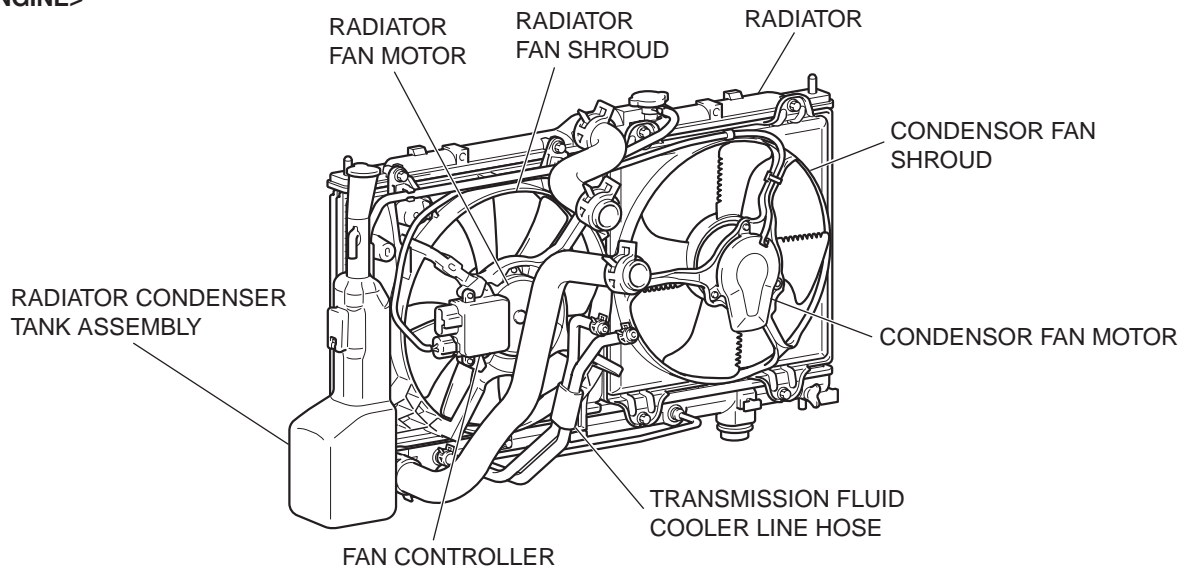
CONSTRUCTION DIAGRAM

<2.4L ENGINE>



AC406330AB

<3.8L ENGINE>



AC404969AB

NOTES