

---

## GROUP 14

# ENGINE COOLING

## CONTENTS

GENERAL INFORMATION .....	<a href="#">14-2</a>
---------------------------	----------------------

## GENERAL INFORMATION

M2140000100401

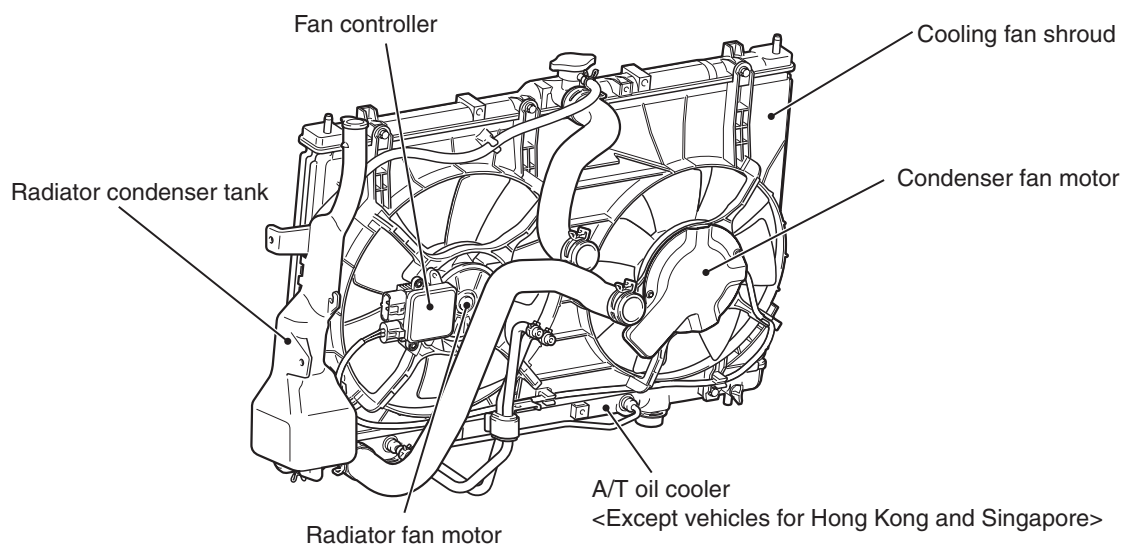
The cooling system is a water-cooled pressurized, forced circulation type which offers the following features:

- 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 aluminium radiator fins are used.
- The speed of the cooling fan is controlled by a cooling fan motor drive control unit. The engine-ECU detects vehicle driving conditions and controls the cooling fan motor drive control unit so that the fan operating noise is minimized and fuel efficiency is improved.

## SPECIFICATIONS

Item			Specification
Cooling method			Water-cooled pressurized, forced circulation with electrical fan
Water pump	Type		Centrifugal impeller
	Drive method		Alternator drive belt
Thermostat	Type		Wax pellet with jiggle valve
	Valve open temperature °C		82 ± 1.5
Radiator	Type		Pressurized corrugate type
	Core size (width × height × thickness) mm	Except vehicles for Hong Kong and Singapore	728 × 424 × 16
		Vehicles for Hong Kong and Singapore	737 × 424 × 16
	Performance kJ/h	Except vehicles for Hong Kong and Singapore	225,400
		Vehicles for Hong Kong and Singapore	200,900
Built-in A/T oil cooler <Except vehicles for Hong Kong and Singapore>	Type		Double tube type
	Performance kJ/h		5,700
Engine coolant	Specified coolant		DIA QUEEN SUPER LONG LIFE COOLANT or equivalent
	Quantity (including radiator condenser tank) L	Without rear heater	8.0
		With rear heater	9.5

## CONSTRUCTION DIAGRAM



AC310380AC

---

## NOTES