
GROUP 14

ENGINE COOLING

CONTENTS

GENERAL DESCRIPTION 14-2

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M2140000100122

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

- To improve the reliability of cavitation at a high engine speed and to increase the amount of engine coolant, the output control system has a thermostat installed at the outlet of engine coolant from the engine to the radiator.
- To improve engine cooling performance and reduce weight, a plastic tank and aluminum radiator fins are used.
- The speed of the cooling fan is controlled by a fan control module. The engine control module detects driving conditions and controls the fan control module 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
Radiator	Type	Pressurized corrugate type
	Performance kJ/h (kcal/h)	216,700 (51,772)
Water pump	Type	Centrifugal impeller
	Drive method	Drive belt
Thermostat	Type	Wax pellet with jiggle valve
	Valve open temperature °C (°F)	80 ± 1.5 (176 ± 3)

CONSTRUCTION DIAGRAM

