

SUPERCHARGER COOLING - V8 S/C 5.0L PETROL

SUPERCHARGER COOLING - OVERVIEW (G1088331)

DESCRIPTION AND OPERATION

OVERVIEW

The supercharger cooling system cools the pressurized charge air from the supercharger. The supercharger cooling system consists of:

- A charge air coolant pump.
- A charge air radiator.
- Two charge air coolers.
- Connecting hoses and pipes.

The supercharger cooling system is operationally independent of the engine cooling system, but connected to it by a hose installed between the charge air radiator and the radiator of the engine cooling system. The connection with the engine cooling system accommodates thermal expansion and retraction of the coolant in the supercharger cooling system, and enables filling and draining of the supercharger cooling system.