Volvo Chassis - The Engine Coolant Temperature Is "Too Low"

Internal Content

Refer to the attached Operators Manual page "Instructions and Controls", located at the bottom of this page.

Tags

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Coolant Temperature Gauge

The coolant temperature gauge indicates engine coolant temperature. The normal operating temperature for VOLVO engines is 80 to 105° C (170 to 215° F). Under normal driving conditions, the temperature must be below the red sector.
The temperature range for the coolant will vary depending on the type of engine, load, grade, ambient air temperature and operating conditions. If the temperature remains below or exceeds the normal temperature range, the cooling system should be checked for problems by an authorized VOLVO Truck dealer.
The temperature limit is dependent on the electronic program for the engine model. When coolant temperature is excessive, the red STOP tell-tale will come on and the buzzer will sound. The engine is at risk and the ECM may derate the engine power. Stop at the first safe place where the problem can be checked.



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Stop Tell-Tale

If the coolant temperature returns to normal shortly after exceeding the limit and no repair is performed, the warning messages go out, but a fault message will be logged.

Middle and Lower Tell-Tales

The middle and lower tell-tales provide vehicle and component status information. For more information, refer to “Driver Information Display”, page 178.

Driver Information Display (DID)

The DID gives the operator necessary and important information about the vehicle and components. For more information about the DID, refer to “Driver Information Display”, page 178.

Fuel Level Gauge

The fuel level gauge is connected to a fuel sensor unit in the fuel tank. There is only one sensor even if the vehicle is equipped with dual tanks.