



MODEL

I12 (i8)	I15 (i8 Roadster)
----------	-------------------

SITUATION

One or more of the following Check Control (CC) messages are displayed:

CC message (ID 39) - "Engine overheating. Stop cautiously"

CC message (ID 257) - "Engine too hot. Drive moderately"

Also with one of the above messages:

CC message (ID 166) - "Top up coolant"

CAUSE

There was a loss of coolant in the high temperature cooling system while driving, or the cooling system has been opened during a repair and the bleeding procedures have not been performed properly.

CORRECTION

Specific instructions are in ISTA/D for venting (bleeding) the cooling system on the I12/I15. These instructions need to be carried out exactly. If the test plan detects an overheat during the bleeding procedure, the engine must be shut off and allowed to cool to below 50°C (122o F) before attempting the complete bleeding procedure again.

PROCEDURE

If necessary, pressure check the cooling system after repairs following Repair Instruction **17 00 009 Checking cooling system for watertightness.**

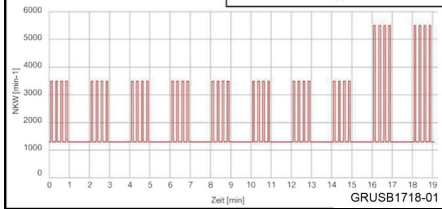
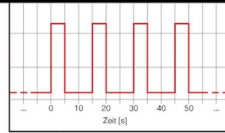
Properly fill the cooling system using the vacuum venting tool following Repair Instruction **17 00 ... Venting and filling cooling circuit (high-temperature cooling system) with vacuum filling unit.**

Properly bleed the cooling system following Repair Instruction **17 00 Venting cooling system (high-temperature cooling system) (I12).**

The following test plan also needs to be run for this procedure. Access the test plan through the following path:

- Vehicle management
- Service functions
- Engine
- DME
- Cooling system bleeding
- Bleeding high-temperature coolant circuit: „ABL-DIT-AS1214_BX8_ENTKUEHL“

Profile of engine speed for bleeding the high temp cooling circuit



NOTE: The on throttle/off throttle steps in this test plan must be carried out exactly as described/indicated.

WARRANTY INFORMATION

This service information bulletin provides technical, diagnostic and/or repair-related information.