

February 2015 Technical Service

# **SUBJECT** Reduced Heat After Cooling System Repairs

MODEL F30 (3 Series Sedan)

Produced to 7/2014

With the N55 engine and option 0337 (M Sport Package)

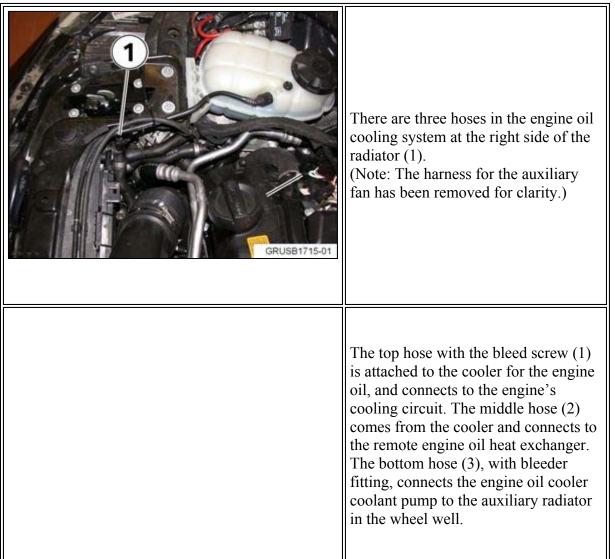
# SITUATION

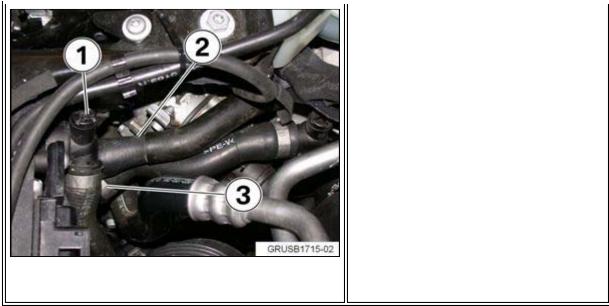
The customer may complain of low or no heat output at lower outside temperatures. Fault Code 1D2008 "Map thermostat: jammed open" may be stored in the DME.

# CAUSE

The coolant hoses for the external engine oil cooler are routed incorrectly. These hoses have the same fittings and can be interchanged by accident when the cooling system is opened during repairs.

# PROCEDURE





The fittings for the hoses (2) and (3) are the same, and the hoses could be mistakenly switched. This would cause an additional coolant to be pumped directly into the engine's cooling circuit, preventing the engine from reaching the operating temperature. If the hoses need to be switched, the cooling system has to be vented and bled properly (Repair Instruction RA17 00 039, "Venting and filling cooling system with vacuum filling unit").

Refer to SI B12 33 14 in case the hoses are installed in correct positions, and the vehicle has the same symptoms.

## **WARRANTY INFORMATION** Not applicable.

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