



"TRANSMISSION OVERHEAT WARNING" MESSAGE IS DISPLAYED

MODEL

G12 with the N63R Built up to December 12, 2015

SITUATION

Check Control Message "Transmission overheating warning" is displayed.

One or more of the following fault codes are stored in the transmission control unit (EGS):

- 4209A1 - Temperature sensors: Hot operation 1 with possible adaptation of shift programv
- 4209A2 - Temperature sensors: Hot operation 2 with torque reduction
- 4209A3 - Temperature sensors: Hot operation

CAUSE

A faulty transmission oil cooler thermostat.

CORRECTION

Replace the transmission oil cooler thermostat.

PROCEDURE

See attachment

PARTS INFORMATION

Part Number	Description	Quantity
17 22 8 632 493	Transmission oil cooler thermostat	1
17 22 7 613 656	O-ring	4
51 71 6 966 566	Hexagon screw M10X45	6
31 10 6 870 648	Hex bolt with washer M8X40	12

Bulk Materials

Part Number	Description	Quantity

83 22 2 289 720	transmission fluid (1 liter)	1
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WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

Defect Code:	1711121500	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as "Charging battery")
And:		
17 11 535	Refer to KSD2	Removing and installing fan shroud with electric fan
And:		
51 71 538	Refer to KSD2	Removing and installing front left wheelhouse cover (front section)
And:		
17 99 000	20 FRU	Work time for replacing the transmission oil cooler thermostat (including removal of lower protection panels and reinforcement plate and checking transmission fluid level)

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

Work time labor operation code 17 99 000 is not considered a Main labor operation. Also, since the "work time" FRU allowance to be claimed is specified, a separate punch time is not required.

And:

Sublet – Bulk Materials

<p>Sublet Code 4</p>	<p>See sublet reimbursement calculation below</p>	<p>Reimbursement for the repair-related bulk materials (BMW part number, please do not use the part numbers for claim submission)</p>
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Sublet reimbursement calculation for claiming the “used quantities” of repair-related bulk materials (BMW part number) is at dealer net plus your center’s handling.

Enter this material cost in sublet and itemize the amount on the repair order and in claim comment section.

ATTACHMENTS

View PDF attachment [G12 Trans Cooler Thermostat Replacement](#).

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