



SI B24 05 16  
Automatic Transmission

September 2017  
Technical Service

## "TRANSMISSION OVERHEAT WARNING" MESSAGE IS DISPLAYED

New information provided by this revision is preceded by this symbol .


This Service Information bulletin replaces SI B24 05 16 dated **October 2016**.

### What's New:

- Production range and affected models has been updated
- Parts Information has been updated
- The KSD2 component-specific labor operations are provided in the Warranty Information section

### MODEL

G12 (7 Series)			
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 With the N63R and N74B engines built up to May 16, 2017

### 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 program
- 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 8 481 575	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

## 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.

<b>Defect Code:</b>	<b>1711121500</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
 17 22 100	Refer to KSD2	Removing and installing/replacing the thermostat for the for the transmission oil cooler line (includes connecting an approved battery charger/power supply and performing a vehicle test) (Main work)
Or:		
 17 22 580	Refer to KSD2	Removing and installing/replacing the thermostat for the for the transmission oil cooler line (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)

 If you are using a Main labor code for another repair, use the Plus code labor operation 17 22 580 instead of 17 22 100.

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

And:

### Sublet – Bulk Materials

<b>Sublet Code 4</b>	See sublet reimbursement calculation below	Reimbursement for the repair-related bulk materials (BMW part number, please do not use the part numbers for claim submission)
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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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