



SIB 64 04 26

COOLANT HOSE CONTACTS STEERING SHAFT B48

2026-06-26

<input checked="" type="checkbox"/>	THIS REPAIR IS MOBILE FRIENDLY
<input type="checkbox"/>	THIS REPAIR IS REMOTE SOFTWARE UPGRADE (RSU) FRIENDLY

MODEL

E-Series	Model Description	Production Date	Affected Option Code
G60	530i, 530i xDrive Sedan	Vehicles produced from June 30, 2023	With B48 engine

SITUATION

Please see attached bulletin in Supporting Materials

Supporting Materials

[picture_as_pdf B64 04 26_COOLANT HOSE CONTACTS STEERING SHAFT B48_SR.pdf](#)

Service Information Bulletin

Heating and Air Conditioning

June 26, 2026

B64 04 26

COOLANT HOSE CONTACTS STEERING SHAFT B48

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SITUATION

- Customer may feel something transmitted via the steering column while turning the steering wheel.
- There may also be coolant lost accompanied by a check control message: **'Top up coolant'**



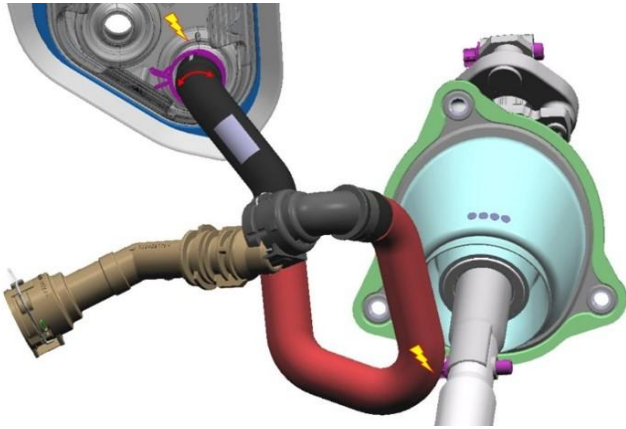
CAUSE

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The coolant hose was not properly aligned when installed.

The white marking on the hose should align with the small black plastic mark on the heater core connection shown by the yellow arrow.



Due to the hose being installed incorrectly, it can now contact the steering shaft. Over time this may cause a hole to be worn through the coolant hose.

CORRECTION

When the customer states “it feels like something is being transmitted through the steering column while turning the steering wheel”:

- 1) Check whether the identified coolant hose was installed in such a way that the two alignment markings (white line on the coolant feed hose and mark on the heating and air conditioning unit connection) are not lined up.
- 2) Ensure the coolant feed hose is located in front of the coolant return hose. The DMC label must be visible!
- 3) Correct the position installation as needed.

If the steering column contact has damaged the coolant hose, this may include causing a coolant leak at that point, and there is an accompanying check control message: ‘Top up coolant’

- 4) The coolant hose must be replaced IF it has been damaged by contact with the steering column.

PROCEDURE

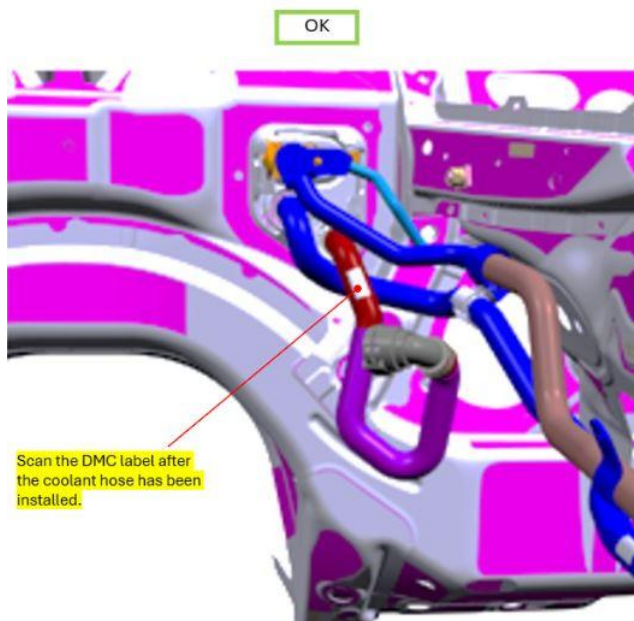


Proceed as follows.

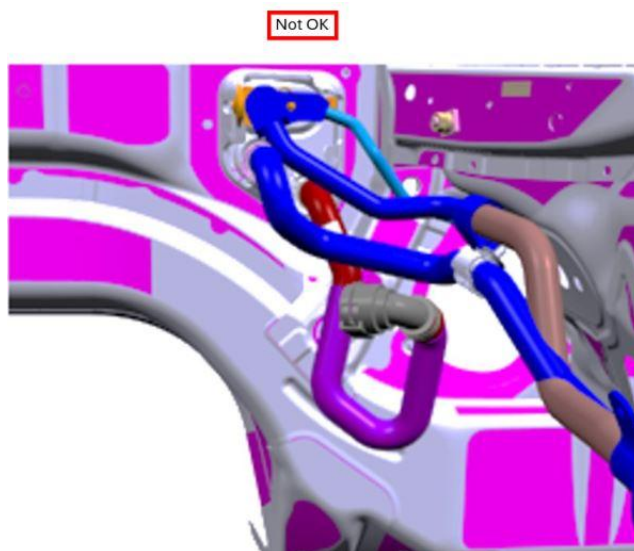
- 1) Check whether the component has been installed in such a way that the two markings (white line on the coolant feed hose and marking on the heating and air conditioning unit connection (yellow arrow)) line up.

This photo shows a difference of alignment per the red arrow.

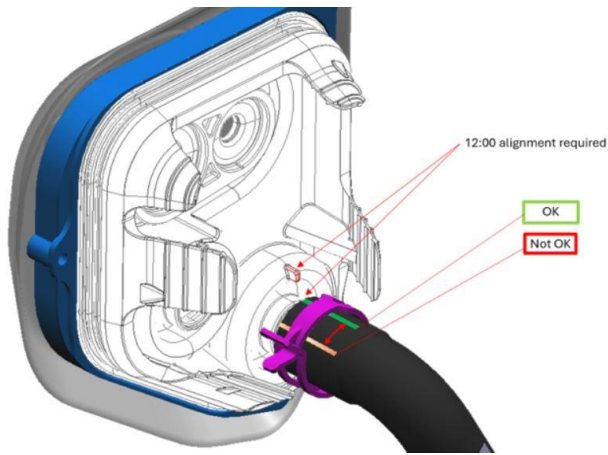
Caution: Coolant hoses may be very hot if the engine was recently run. Use gloves.



- 2) Check whether the routing of the coolant feed hose is OK. The coolant feed hose must be located in front of the coolant return hose. The DMC label must be visible!



Here the routing is incorrect and the label cannot be read, being blocked by the coolant return hose (indicated in blue).



3) If the hose was incorrectly installed, reposition it to the correct orientation.

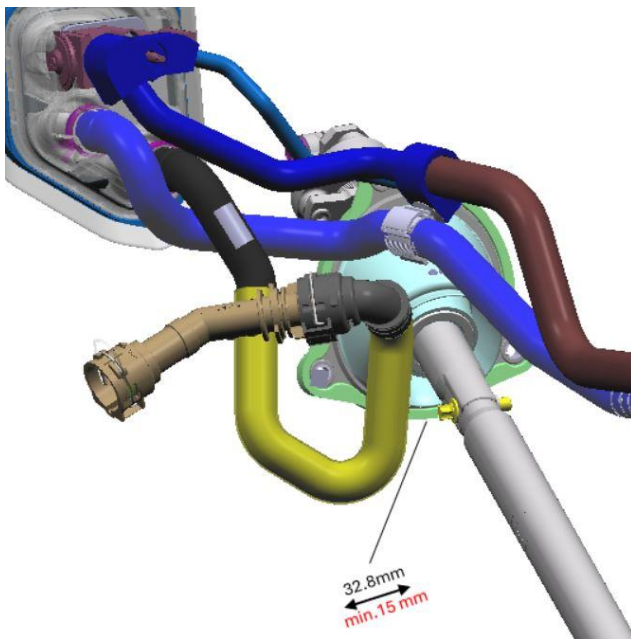
NOTE 1: The Repair Instruction for the 'coolant feed hose connection to the heating and air conditioning unit' is not currently available. **This REP is scheduled to be added into AIR/ISTA with the June 24, 2026 release.**

Loosen the hose clamp and rotate the hose so that the alignment marks point towards one another.

NOTE 2: If the steering column contact has damaged the coolant hose and may have caused a coolant leak, then the hose must be replaced.

4) The hose must be positioned a sufficient distance from the steering shaft; at least 15 mm.

5) Refill and bleed cooling system if the system has been opened.



PARTS INFORMATION

When applicable, to determine the part numbers that apply to the specific vehicle being repaired, enter the VIN/chassis number into either ETK or AIR, this will consider the specific equipment and/or options that are fitted to the vehicle.

Part Number	Description	Quantity
64 21 8 846 463	Coolant Hose, supply 1 ('coolant feed hose to the heating and air conditioning unit')	1

Sublet - Bulk Supply Materials

Part Number	Description	Quantity
83 19 5 A32 851	HT-12 Antifreeze RTU (Bulk Drum DN = 1/10 Liter) (Pre-mix)	As needed
Or:		
83 19 2 468 442	Antifreeze/Coolant (DN = 1 Gallon Concentrate) - HT-12	As needed

Additionally, other materials and small parts that are not specified above, such as fluids, lubricants (in sublet), one-time use screws, nuts, and seals, which must be replaced or installed (according to the ISTA repair instructions/ETK/AIR), are to be selected from the Electronic Parts Catalog, and/or other

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approved BMW Group's resources according to the respective vehicle type. Invoiced these items separately under the Repair Code listed in this bulletin.

CLAIM INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

A. Diagnosis without a Coolant Leak (A-D)

Labor Operation	Description	Labor Allowance
51 00 001*	Localizing body complaint(s) (Work time)	WT FRU
Or:		
00 58 500*	Diagnosis Worktime Flat Rate	2 FRU

Work time labor operation code 51 00 001 and 00 58 500 are not considered Main labor operations.

And, when applicable:

B. Additional Diagnosis with a Coolant Leak (B-D)

Labor Operation	Description	Labor Allowance
17 00 509	Check the cooling system for watertightness with the special tool (Plusposition) (with tester)	As applicable

And with the diagnosis above that applies to your center together with the flat rate allowances for the work below performed.

Repair Code:	6421003700	Coolant hose / coolant pipe heating Loose
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Repair 1 – Re-Position the Existing Coolant Hose (with A-D only)

Labor Operation	Description	Labor Allowance
19 90 150	Remove and install/replace control unit box (Main work)	As applicable
Or:		
12 90 650	12 90 650 Remove and install/replace control unit box (Plusposition)	As applicable
And:		
51 71 571	Remove and install/replace cowl cover (Plusposition)	As applicable
And:		
64 99 000	WT to re-reposition the coolant hose after accessing (Loosen hose clamp and rotate hose so alignment marks point toward one another)	1 FRU

If you are using a Main labor operation code for another repair, then use the Plusposition labor operation code 12 90 650 instead of 12 90 150.

Or:

Repair Code:	6421004800	Coolant hose / coolant pipe heating Leaking
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Repair 2 – Hose is Damaged or Leaking, Replace and Properly reposition the new Coolant Hose (With A-D and B-D, or only B-D)

Labor Operation	Description	Labor Allowance
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17 00 008	Draining (Before) and topping up coolant (After) for high-temperature circuit (Main work)	As applicable
Or:		
17 00 508	Draining (Before) and topping up coolant (After) for high-temperature circuit (Plusposition)	As applicable
And:		
64 21 503	Remove and install/replace coolant hose feed (Associated work, Feed 1) (Heater feed line - heating and air-conditioning unit) (coolant drained)	As applicable

If you are using a Main labor operation code for another repair, then use the Plusposition labor operation code 17 00 508 instead of 17 00 008.

Sublet – Bulk Supply Materials (RO and Claim Comments Required)

Sublet Code 4	Reimbursement for the repair-related bulk supply material (Do not use the BMW part number for claim submission)	See the sublet reimbursement calculations below
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Sublet reimbursement calculation for claiming the applicable repair-related bulk supply material (BMW part number) is at the dealer net (DN) price for the full or proportional quantity used plus your center’s handling.

BMW Antifreeze/Coolant: Claim the corresponding sublet dollar amount for the quantity needed to replace what was drained. The one-gallon concentrate’s part number quantity needed to obtain a 50/50 coolant/water solution.

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

(*) Based on which one applies to your center, please refer to **SI B01 01 20** or **B01 07 20** for the applicable procedure for documenting, claiming, and explaining, on the RO and in the claim comments, your diagnosis work time (WT), job/repair work time (WT), and the vehicle repairs your center performed, unless otherwise required by State law.

BMW Group’s AIR Application Resource for Flat Rate Labor Operation Codes

To obtain the corresponding flat rate unit (FRU) allowance information from the BMW Group AIR application resource, start by entering the Chassis Number (last seven (7) characters of the VIN), and click on the “Search” icon. If the “Vehicle Selection” window displays two or more model possible vehicle choices, select the applicable Model, or enter the full VIN (17 characters) instead to proceed. Click on the “Flat Rate Units” button and enter a flat rate labor operation code number “without spaces” in the field to the right, click on the “Search” icon to display the corresponding listing of “Flat rate unit group details” that are available and their corresponding FRU allowances.

FEEDBACK REGARDING THIS BULLETIN

Technical Feedback	To submit feedback for the technical topic of this bulletin: Submit your feedback in the rating box at the top of this bulletin
Warranty Feedback	To submit feedback for the CLAIMS section of this bulletin: Submit an IDS ticket to the Warranty Department, or use the chat available in the Warranty Documentation Portal
Parts Feedback	To submit feedback for the PARTS section of this bulletin: Submit an IDS ticket to the Parts Department