



SIB 11 10 25

COOLANT LEAKING FROM OIL FILTER HOUSING

2025-12-12

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

MODEL **

G01 (X3 Sports Activity Vehicle)	G02 (X4 Sports Activity Coupe)	G20 (3 Series Sedan)	G22 (4 Series Coupe)
G23 (4 Series Convertible)	G26 (4 Series Gran Coupe)	G29 (Z4 Roadster)	G30 (5 Series Sedan)
G45 (X3 Sports Activity Vehicle)	G60 (5 Series Sedan)		

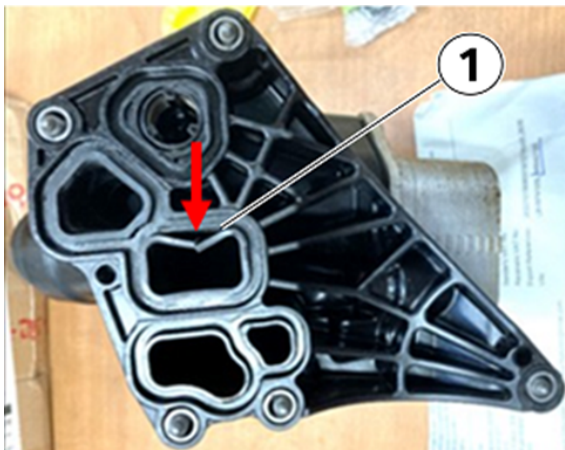
(**) Only listed vehicles with the B46D, B48P or XB1G (PHEV) four-cylinder engines

SITUATION

Coolant is leaking from the oil filter housing.

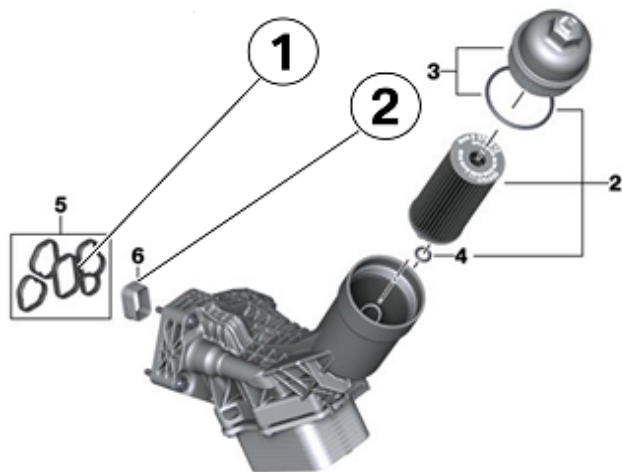
CAUSE

The seal for the oil filter housing could exert excessive pressure to the bushing/insert in the oil filter housing. This pressure could cause the insert to deform and create an external coolant leak.



Crack in the coolant bushing/insert in the oil filter housing (1).

CORRECTION



Replace the gaskets (1) for the oil filter housing and the bushing/insert (2) (redesigned part).

PROCEDURE

Follow Repair Instruction **11 42 020 Removing and installing full-flow oil filter completely** to remove the oil filter housing.

Follow Repair Instruction **11 42 601 Replacing sealing kit and bushing for full-flow oil filter (full-flow oil filter removed)** to install the bushing and gaskets.

NOTE:** Repair Instruction 11 42 601 might not be visible for all models affected/listed. Reference a G45 B48P in ISTA/AIR to get to the repair instruction.

PARTS INFORMATION

To determine the part number(s) that applies 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
11 42 8 490 951	Bush	1
11 42 9 886 567	Gasket set	1
Refer to ETK/AIR	Set oil-filter element (Replacement after removal)	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
And as required:		
SI B 11 01 21	BMW approved engine oil	As needed

Additionally, other materials and small parts that are not specified above, such as fluids, lubricants, 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 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, or the BMW Certified Pre-Owned Program as described below.

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Repair Code:	1142004800	Full-flow filter body Leaking
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Obtain the flat rate unit (FRU) allowances for the following that applies.

Labor Operation	Description	Labor Allowance
17 00 008	Draining and topping up coolant for high-temperature circuit (Main work)	As applicable
Or:		
17 00 508	Draining and topping up coolant for high-temperature circuit (Plusposition)	As applicable
And as needed		
17 99 000*	Verifying coolant is leaking from the oil filter housing when necessary (Work time)	WT FRU
Or:		
00 58 500*	Diagnosis Worktime Flat Rate	2 FRU
11 42 520	Removing and installing full-flow oil filter completely (Plusposition)	As applicable
And:		
11 42 601	Replacing sealing kit and bushing for full-flow oil filter (full-flow oil filter removed) (Associated work)	As applicable

If you are using a Main labor code for another repair, use the Plus code labor operation 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 materials (Do not use the BMW part numbers for claim submission)	See the sublet reimbursement calculation below
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Sublet reimbursement calculation for claiming the applicable repair-related bulk supply materials (BMW part numbers) is at the dealer net (DN) price for the full and/or proportional quantities 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 that is 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.

Engine Oil Service Task

If the Engine Oil Service task shows either Bundling Eligible (BE), Recommended or Due in the Service status field, and the repair instruction requires the oil filter to be removed, and the engine oil is to be drained, after the full-flow oil filter sealing kit and bushing repair is completed, reset the CBS data, then under additional RO line items:

Vehicle with an Active BMW Maintenance Program

- Submit and claim the Standard scope labor operation 00 00 105 (Main) under BMW Maintenance Program Repair Code 85990501MP, then
- Submit and claim for the engine oil and filter part numbers under the BMW Maintenance Program Engine oil service task Repair Code that applies without the labor operation for performing the oil service

Customer Pay (CP) Engine Oil Service Task

- Under an additional RO line item, invoice and bill the CP Standard scope labor operation 00 00 105.
- Claim the engine oil and filter under the existing full-flow oil filter sealing kit and bushing repair line item.

(*) 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

