



SIB 63 11 23

2023-09-05

MOISTURE/CONDENSATION IN THE DRL HEADLIGHT

 THIS REPAIR IS MOBILE FRIENDLY**MODEL**

E-Series	Model Description
G07 LCI	X7 Sports Activity Vehicle
G09	BMW XM Sports Activity Coupe
G70	7 Series Sedan

SITUATION

Moisture is visible in one or both of the Daytime Running Light (DRL) headlights.

CAUSE

Water inside the headlights can be caused by two situations:

- Water/moisture ingress into the headlight housing (considered a defect)
- Thermal/environmental conditions that result in the formation of condensation (not a defect)

CORRECTION

Determine whether the vehicle is affected by normal, naturally occurring thermal/environmental conditions which have caused condensation.

- If moisture is being caused by normal environmental conditions, no correction is necessary. The headlight lens will dry naturally as environmental conditions allow.
- If moisture is determined to be caused by a defect, repair as needed. Reference the most current TeileClearing action list.

PROCEDURE

Determine whether moisture is caused by normal, naturally occurring thermal/environmental conditions.

Light misting or formation on the inside of the lens can be a normal condition in the following example situations:

- Shortly after the vehicle is driven through a car wash or sprayed with water
- During temperature fluctuations (warming from night to daytime)
- Thermal changes when entering high humidity climates from climate-controlled areas (driving the vehicle from an air-conditioned workshop/garage to the outside)
- Environmental conditions where the sun may begin shining onto and heating the headlight lens

If normal environmental conditions are the cause of the condensation, no correction is required. The headlights are designed to dissipate normal environmental condensation through venting.

Reference the attached photo catalog for examples of what may be normal environmental condensation vs. what may be excessive water entry caused by a defect.

- Images marked with a green "A" show examples of headlights with naturally occurring condensation
- Images marked with a red "B" show examples of headlights which have been found defective

Note: If the headlamp is to be replaced due to a defect, please submit detailed photos of the defective headlight(s) to the warranty app. Refer to SI B01 02 23.

PARTS INFORMATION

Claimable parts apply to situations when a defect in material and/or workmanship is the cause for the excessive water entry.

In these cases, repair the vehicle and submit a claim as noted below for the specific covered repair that was performed.

CLAIM INFORMATION

This Service Information Bulletin provides technical, diagnosis, and repair-related information.

Damage and/or issues caused by outside influences are not covered under the BMW limited warranties.

Eligible and Covered Work/Repairs

Defects in material and/or workmanship that causes excessive water entry into the DRL headlight assemblies are covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

To submit a claim, please follow the established and applicable warranty policy and procedures (Labor/Part/Sublet) that apply to the repair being performed.

Refer to AIR for the corresponding Repair Code for claim submission. Obtain flat rate labor operation codes (including the diagnosis* and the lump-sum fee for photo documentation) and the flat rate unit (FRU) allowances that apply.

Only one Main labor operation code can be claimed per repair visit.

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.

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

Supporting Materials

[picture_as_pdf B63 11 23 Attachment 1a.pdf](#)



A



B



2

