



SIB 63 05 23

2023-04-20

DAYTIME RUNNING LIGHT IS DIM OR DISCOLORED

 THIS REPAIR IS MOBILE FRIENDLY

## MODEL

E-Series	Model Description
G70	7 Series Sedan

## SITUATION



One or more of the LED daytime running lights are dim or discolored, such as this example in which the inner light is “yellowed”.

## CAUSE

The connection between the LED module and the light tube inside the headlamp housing is damaged.

## CORRECTION

Inspect and replace the affected LED module and the headlamp housing.

## PROCEDURE

### Overlapping Labor Removal (AIR client's FRU Plausibility Check Tool)

The top and bottom front light combination flat rate labor operation codes that are currently available in AIR and provided in the Claim Information section below, when claimed together, results with substantial overlapping labor.

We have submitted a flat rate labor operation development request to have a solution provided that addresses this situation.

Until that request is finalized, to address the overlapping labor, please work together with your center's Warranty Manager, Warranty Administrator, and/or Booker to calculate the second labor operation code's reduced FRU allowance that is to be claimed, as determined by the AIR Client's FRU Plausibility Check Tool results.

### Inspection and Repair

1. Remove the affected LED module from the headlamp.



2. Inspect the headlamp and LED module for signs of discoloration as shown in the photo.

**Note: If discoloration is seen, the affected headlamp and LED module require replacement.**

## PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which considers specific equipment and/or options.

Part Number	Description	Quantity
Refer to ETK/AIR	LED Headlight Top	1 to 2 as needed
Refer to ETK/AIR	LED module	1 to 2 as needed

## CLAIM INFORMATION

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

<b>Defect Code:</b>	<b>6312356700</b>	<b>Daytime driving light, LED Discolored</b>
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### Diagnosis

Labor Operation	Description	Labor Allowance
63 00 009*	Checking lighting system for function (Work time)	WT FRU
Or		
00 58 500*	Diagnosis Worktime Flat Rate	2 FRU

Work time labor operation codes 63 00 009 and 00 58 500 are not considered Main labor operations.

And, together with the diagnosis above with the repair below that applies.

### Replacing Left Side (Top and Bottom)

Labor Operation	Description	Labor Allowance
63 12 760	Replace <b>top left</b> front light combination ( <b>Plusposition</b> )	Refer to AIR
And:		
63 12 785	Replace <b>bottom left</b> front light combination (Claim the calculated <b>reduced FRU allowance</b> as determined by the AIR Client's FRU Plausibility Check Tool results)	Calculated reduced FRU allowance

Or:

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**Replacing Right Side (Top and Bottom)**

Labor Operation	Description	Labor Allowance
63 12 761	Replace <b>top right</b> front light combination ( <b>Plusposition</b> )	Refer to AIR
And:		
63 12 764	Replace <b>bottom right</b> front light (Claim the calculated <b>reduced FRU allowance</b> as determined by the AIR Client's FRU Plausibility Check Tool results)	Calculated reduced FRU allowance

Or:

**Replacing Both Sides (Top and Bottom)**

Labor Operation	Description	Labor Allowance
63 12 762	Replace <b>both top</b> front light combinations ( <b>Plusposition</b> )	Refer to AIR
And:		
63 12 787	Replace <b>both bottom</b> front light combinations (Claim the calculated <b>reduced FRU allowance</b> as determined by the AIR Client's FRU Plausibility Check Tool results)	Calculated reduced FRU allowance

And:

**Vehicle Programming and Encoding (After performing a stated repair above)**

During this workshop visit, the affected vehicle may also show one or more programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

**After replacement of the front light combinations that applies, select one of these open Technical Campaigns to perform and submit for updating the vehicle to the required I-level or higher.**

**Please be sure to also perform any additional before and/or after work (including attaching labels) as required by the open campaigns on the vehicle. Close any other open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.**

Only when the above does not pertain, then claim the following as applicable:

Labor Operation	Description	Labor Allowance
00 00 006	Carrying out vehicle test ( <b>Main work</b> )	Refer to AIR
Or:		
00 00 556	Carrying out vehicle test ( <b>Plus work</b> )	Refer to AIR
And:		
61 21 528	Supporting voltage of the vehicle electrical system / recharging vehicle battery	Refer to AIR
And:		
61 00 730	Program/encode control unit(s), includes deleting the fault memory	Refer to AIR

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

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006, or exclude (including 61 21 528) when the Vehicle Test is included in another repair.

**Vehicle Programming and Encoding – Additional Work (RO and Claim Comments Required)**

This procedure automatically reprograms and encodes any vehicle control modules that do not have the latest software I-level.

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If one or more control modules fail during the reprogramming procedure, claim the required consequential repair work procedures to address this issue (including performing the IRAP Control Unit Recovery first as required, refer to the SIB in AIR) under the Defect Code in this bulletin with the labor operations in AIR that apply.

Please explain the additional work procedures that were performed (The why and the what) on the repair order and in the claim comments.

For covered repairs that address control module failures that occurred prior to performing this reprogramming procedure, claim this work with the Defect Code and labor operations (including the diagnosis that applies\*) in AIR that apply.

\*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

