



SIB 63 05 21

2021-04-20

## AMBIENT LIGHT TUBE COLOR DIFFERENCES

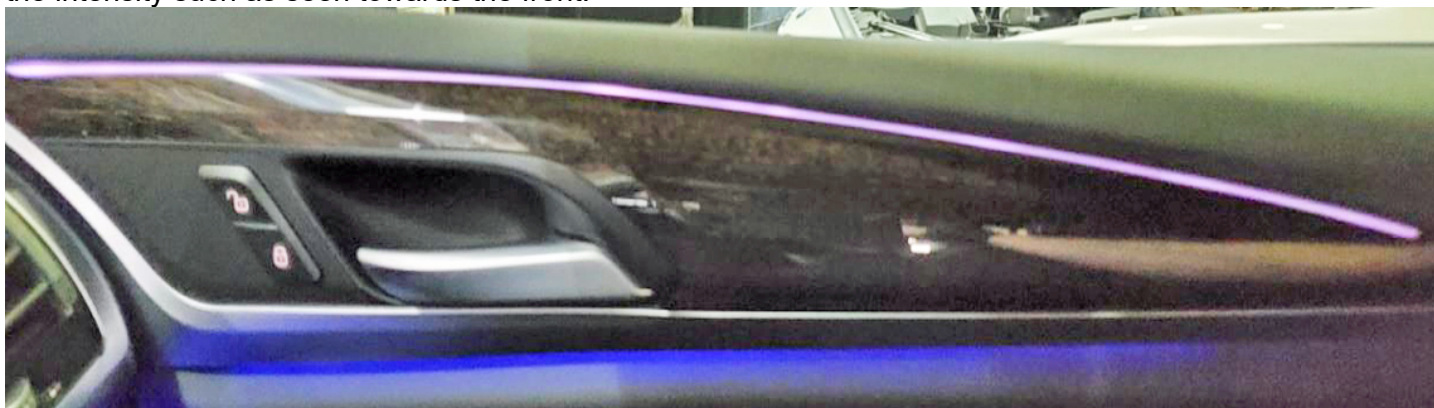
**MODEL**

E-Series	Model Description	Affected Option Code
G01	X3 Sports Activity Vehicle	4UR (Ambient Lighting)
G02	X4 Sports Activity Coupe	4UR (Ambient Lighting)

**SITUATION**

The intensity or light throughout the door panel lighting strips is not consistent. Some spots are brighter than others. This can happen on any of the 4 doors.

In the example shown below of the right front door, the light fades towards the rear instead of maintaining the intensity such as seen towards the front.

**CAUSE**

Unfavorable conditions of the ambient light tube.

**CORRECTION**

Inspect the ambient light tube and light generator (LED) for moisture intrusion. Rework the ambient light tube if moisture is not found.

If moisture intrusion is the cause, **this bulletin does not apply.**

**PROCEDURE**

1. Remove the upper door trim strip with light tube following repair instructions for the applicable model and applicable door.
2. Disconnect the light generator (LED module) from the tube. Inspect the connection for moisture or signs of debris.
  - Moisture entry into this connection indicates outside influence and is not covered under warranty.
  - If moisture is found, this bulletin does not apply.
  - If moisture is not found, continue to step 3.
3. Cut one of the black felt adhesive pads from P/N 51 45 2 353 024, into 3 strips measuring 3 mm wide.
4. Apply the strips down the length of the ambient light tube as shown below. Ensure there is a 5 mm gap at each end. Ensure there is a 3 mm gap between the felt and visible side of ambient light tube.



5. Replace the light generator (LED module).
6. Re-assemble and retest the vehicle.

## PARTS INFORMATION

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

Part Number	Description	Quantity
51 45 2 353 024	Set felt strip self-adhesive	Sublet as needed
Refer to ETK/AIR	LED Module	Up to 4 as necessary

## WARRANTY INFORMATION

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

### Front - Repairing one side or both sides

<b>Defect Code:</b>	<b>5141049100</b>	<b>Interior trim finisher / decorative trim / fiber-optic conductor front door color difference</b>
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<b>Labor Operation</b>	<b>Description</b>	<b>Labor Allowance</b>
63 31 320	Replace the LED module in the front door trim panel on the <b>left or right</b> (Main work)	Refer to AIR
Or:		
63 31 820	Replace the LED module in the front door trim panel on the <b>left or right</b> (Plus work)	Refer to AIR
And:		
63 99 000	Work time to rework ambient light tube on <b>one side</b>	2 FRU
Or:		
63 99 000	Work time to replace the LED module in the front door trim panel on the <b>other side</b> and to rework ambient light tube on <b>both sides</b>	10 FRU

If you are using a Main labor code for another repair, use the Plus code labor operation 63 31 820 instead of 63 31 320.

And/or:

**Rear - Repairing one side or both sides**

Defect Code:	5142049100	Interior trim finisher / decorative trim / fiber-optic conductor rear door color difference	
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Labor Operation	Description		Labor Allowance
63 31 325	Replace the LED module in the rear door trim panel on the <b>left or right</b> (Main work)		Refer to AIR
Or:			
63 31 825	Replace the LED module in the rear door trim panel on the <b>left or right</b> (Plus work)		Refer to AIR
And:			
63 99 000	Work time to rework ambient light tube on <b>one side</b>		2 FRU
Or:			
63 99 000	Work time to replace the LED module in the rear door trim panel on the <b>other side</b> and to rework ambient light tube on <b>both sides</b>		9 FRU

If you are using a Main labor code for another repair, use the Plus code labor operation 63 31 825 instead of 63 31 325.

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

Based on which applies to your center, please refer to **SI B01 01 20** or **B01 07 20** for claiming your diagnosis work time, job/repair work time, and for the RO/claim repair and work time explanation procedures

And, as needed:

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

<b>Sublet Code</b> <b>4</b>	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk material (Do not use the BMW part number for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk materials (BMW part number) is at the dealer net price amount for the quantity used plus your center's handling.

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

**QUESTIONS REGARDING THIS BULLETIN**

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Please contact the Warranty department by either using the Live Chat that's available in the Warranty Documentation Portal or through IDS by selecting Coverage, Policy, Coding Questions and Mileage Corrections
Parts inquiries	Submit an IDS ticket to the Parts Department