SIB 63 05 25

2025-08-20

LOW BEAM HEADLIGHTS ADJUSTED INCORRECTLY

☒	THIS REPAIR IS MOBILE FRIENDLY
☐	THIS REPAIR IS REMOTE SOFTWARE UPGRADE (RSU) FRIENDLY

MODEL

E-Series	Model Description	Production Date	Affected Option Code
G45	X3 Sports Activity Vehicle	July 24, 2024 – May 02, 2025	552 (Full LED Lights with Cornering Lights) or 3MF (M Shawdowline Lights)

SITUATION

On G45 vehicles built with option codes 552 (Full LED Lights with Cornering Lights), or 3MF (M Shadowline Lights), the headlights' height setting might not be adjusted correctly.

CORRECTION

Adjust the low beam height setting of the headlights.

PROCEDURE

1. Verify the customer's concern.

2. Prepare the vehicle and the headlight adjustment device following repair instructions listed in ISTA/AIR **63 10 PRF (Test requirements for headlights vertical aim adjustment)**.

Note: The height adjustment must be carried out on both headlights.

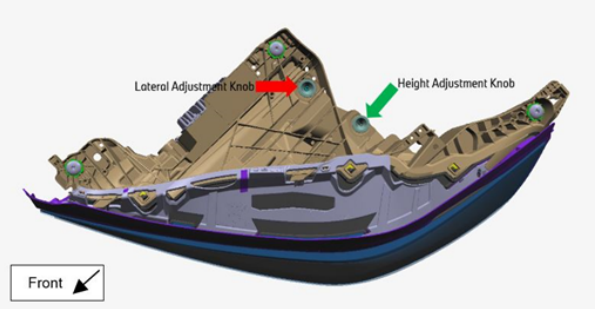
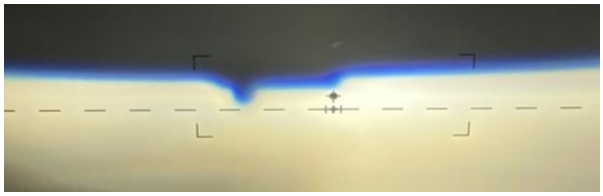


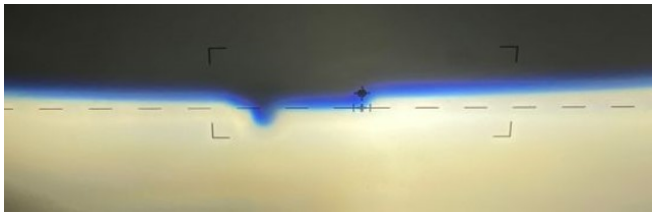
Photo is showing two adjusting knobs, but **ONLY** the height adjustment knob (green arrow) needs to be adjusted.

Note: There is no need to adjust the lateral adjustment knob (red arrow).

Driver's side unit shown, looking downwards.



3. Remove the locking pin inside the height adjusting knob and rotate the height adjustment knob counterclockwise (CCW) so that the light pattern of the headlight is higher than the horizontal target line.



4. Rotate the height knob clockwise (CW) so that the light pattern of the headlight lines up with the horizontal target line.

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5. Rotate the height adjusting knob CCW by approx. ¾ of a turn. The headlight pattern must not move when performing this step.

Note: If the adjusting knob has been turned too far and the light pattern changes, repeat steps 2-4.

Once completed, the locking pin can be reinstalled back into the height adjusting knob and repair can be verified.

PARTS INFORMATION

No parts are required.

CLAIM INFORMATION

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

Repair Code:	**6312066000**	**Headlight adjustment Too high**

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

And, with the diagnosis above that applies to your center together with the work below that was performed.

Repair

Labor Operation	Description	Labor Allowance
63 10 004	Adjusting headlight (Main work)	As applicable
Or:		
63 10 502	Adjusting headlight (Plusposition work)	As applicable

If you are using a Main labor operation code for another repair, then use the Plusposition labor operation code 63 10 502 instead of 63 10 004.

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

(*) 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

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