

**MODEL**

E-Series	Model Description	Production Date	Affected Option Code
G22	4 Series Coupe	July 20, 2020- November 30, 2020	5AZ Laserlight

SITUATION

A check control message is displayed stating "Side light/daytime driving lights faulty".

The following fault codes are stored:

FLM_R:
805B8F - Short-circuit switch, BMW Selective Beam/daytime driving lights faulty/cannot be switched
805B07 - Function: daytime driving lights/side light/parking light faulty

FLM_L:
805A0F - Short-circuit switch, BMW Selective Beam/daytime driving lights faulty/cannot be switched
805987 - Function: daytime driving lights/side light/parking light faulty

CAUSE

A software error in the FLE (Frontal light control) Module.

CORRECTION

Program the vehicle using ISTA 4.27.1x (I-Level S18A-20-11-540).

PROCEDURE

1. Perform a vehicle test to ensure the fault codes listed above are stored. If so, continue to step 2. If not, this bulletin does not apply.
2. Check the current I-Level of the vehicle. If the I-level is below S18A-20-11-540, continue to step 3. If the I-Level is above, this bulletin does not apply. Continue diagnosis.
3. Program the vehicle using **ISTA 4.27.1x** or higher (estimated release early **December 2020**, pending verification).

Model	Target Integration level
G22 (4 Series Coupe)	S18A-20-11-540 or higher

Note that ISTA will automatically reprogram and code all programmable control modules that do not have the latest software.

4. Retest the vehicle.

PARTS INFORMATION

Parts are not required.

WARRANTY INFORMATION

During this workshop visit, the G22 (4 Series) 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.

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 work (before and/or after) the selected campaign or other campaign repairs require and/or close the remaining open programming and encoding Technical Campaign repairs as outlined in the corresponding Service Information Bulletin.

Only if the above situation does not apply, the BMW software solution is then:

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.

Defect Code:	6311010200	Control unit LED main light / Frontal Light Electronics FLE software error / internal device fault
:		
Labor Operation	Description	Labor Allowance
00 00 006	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)	Refer to AIR
Or:		
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)	Refer to AIR
And:		
61 21 528	Connect an approved battery charger/power supply (in AIR as Recharge vehicle electrical system battery)	Refer to AIR
And:		
61 00 730	Programming/encoding control unit(s)	Refer to AIR

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.

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

Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)

The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software I-level. If one or more control module failures occur during this programming procedure:

Please claim this consequential control module-related repair work (including performing the IRAP Control Unit Recovery procedure first as required, refer to the SIB in AIR) under the defect code listed in this bulletin with the applicable AIR labor operations.

Please explain this additional work (The why and what) on the repair order and in the claim comments section

For control module failures that occurred prior to performing this programming procedure:

When covered under an applicable limited warranty, claim the applicable test plan and the corresponding control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis).

Other Repairs

If other eligible and covered work is performed as a result of performing the ISTA diagnostics and related test plans, claim this work with the applicable defect code and the labor operations that are listed in AIR (including diagnosis).

As applicable to your center, please refer to [SI B01 01 20](#) or [B01 07 20](#) for claiming your job/repair work time (WT) and the repair-related explanation procedures.

QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Submit an IDS ticket to the Warranty Department or use the chat available in the Warranty Documentation Portal
Parts inquiries	Submit an IDS ticket to the Parts Department