



G12 Faulty LED Headlight

MODEL

G12	Vehicles produced to March 01, 2016
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SITUATION

One of the following situations exists:

A. One of the following lights fail to operate (with no CCM and no fault codes in either FLM (Front Light Module):

- The cornering light
- The inner low-beam headlight
- The side marker light

B. The headlights cannot be turned on and the following additional conditions may exist:

- CCM (Check Control Message) of “The lighting system at the front (left and / or right) is faulty”
- The battery may be discharged.
- One or more fault code(s) may be present in FLM (left right side(s)):
 - 8059BA Internal control unit fault / left
 - 43012E Controller cannot be switched off / left
 - 43010C Watchdog has triggered a reset / left
 - 805B34 Internal control unit fault / right
 - 44012E Controller cannot be switched off / right
 - 44010C Watchdog has triggered a reset / right

CAUSE

Software error in FLM.

CORRECTION

If faults reoccur during reset and diagnosis, replace FLM on both headlights.

PROCEDURE

1. Check all front lights. Complete ISTA test plans for any lights that fail to operate or light related fault codes that are stored.
2. Delete faults.
3. Disconnect Battery charger, ICOM, and battery.
4. Reconnect battery, battery charger and ICOM.
5. Using ISTA, recheck for applicable faults.

Were similar faults stored in the FLM?

NO - Further diagnosis is not necessary.

YES - Replace both FLMs.

Follow ISTA repair procedure:

– 63 12 021 REP "Remove and install both headlights"

– 63 11 760 REP "Replace the left frontal light electronics control unit (headlight removed) (after vehicle diagnosis)"

Always connect a BMW approved battery charger / power supply (SI B04 23 10).

PARTS INFORMATION

Part Number	Description	
63 11 7 463 514	Control unit for front light electronics	2
Or		
63 11 7 463 516	Control unit for front light electronics	2

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

Defect Code:	63 11 01 02 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD	Performing "vehicle test" (with vehicle diagnosis system – checking faults)
And:		

61 21 528	Refer to KSD	Connect an approved battery charger/power supply(indicated in KSD2 as “Charging battery”)
And, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module
And:		
61 20 900	Refer to KSD	Disconnecting and connecting battery negative cable

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Work time labor operation code 61 00 006 is not considered a Main labor operation; however, it does require an individual punch time and an explanation on the repair order and in the claim comments.

Upon reconnecting battery, similar faults are stored in the FLM

Labor Operation:	Labor Allowance:	Description:
63 12 803	Refer to KSD	Removing and installing both headlights.
And:		
63 11 762	Refer to KSD	Replace both Frontal Light Electronic control units (headlight removed; after vehicle diagnosis)
And:		
61 00 730	Refer to KSD2	Programming / encoding control unit(s)

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

Vehicle Programming and Coding

If a control module was working properly and it fails to program correctly or requires initialization, please claim this additional work with the applicable KSD2 labor operations under the defect code listed above.

The diagnosis and repair of vehicles “arriving” with failed control modules or stored faults which will cause them to fail during programming cannot be claimed under the defect code listed in this bulletin.

Other Repairs

If other eligible and covered work is performed “prior” to programming and coding the vehicle or as a result of performing the ISTA diagnostics and related test plans, claim this work with the applicable defect code and the labor operations listed in KSD2.

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