

**SUBJECT****Check Control Message: Adaptive LED Headlight Malfunction****MODEL**

F01 (7 Series Sedan)

F02 (7 Series Sedan LWB)

Produced from May 31, 2013 to August 6, 2014

With option 0552 (Adaptive LED headlight)

SITUATION

The following CC message is displayed: "LED Headlight malfunction"

The fault codes listed below are stored in the LHM2 (LED main light module) and are not currently present:

- LHM2_L: 8059A9 - Fan 1 defect
- LHM2_L: 8059AA - Fan 2 defect
- LHM2_R: 805B29 - Fan 1 defect
- LHM2_R: 805B2A - Fan 2 defect

CAUSE

Coding error in the LHM2 module

CORRECTION

Code the vehicle with ISTA/P 3.53.3 or higher.

PROCEDURE

Replacing parts will not rectify the problem!

1. Perform diagnosis with ISTA to confirm that the fault codes listed above are stored. Perform the test plans linked to the fault codes. As part of the test plan, the inner and outer LED fan operation is checked.
2. If all the fans and lights function correctly and no other faults are stored, proceed to the next step.
3. Program the vehicle with ISTA/P 3.53.3 or higher. Make sure the LHM2_L and LHM2_R are in the measure plan for coding; if they are not in the measure, add both LHM2 modules to the measure plan for coding.

Before programming the vehicle, check the current I-level of the vehicle using the Key Reader. If the vehicle I-level is lower than mentioned in the table below, the vehicle must be programmed with ISTA/P 3.53.3 or higher.

F01, F02	F001-14-07-503
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Note: ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software. For information on programming and coding with ISTA/P, refer to CenterNet / Aftersales Portal /

Service / Workshop Technology / Vehicle Programming.

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

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty.

Covered under the terms of the BMW Certified Pre-Owned Program for vehicles with “UP” coverage, retailed on or after 1/1/2014.

Defect Code:	63 12 26 12 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	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 00 730	Refer to KSD2	Programming/encoding control unit(s)

Labor operation code 00 00 006 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

Even though work time labor operation code 61 00 006 ends in “006,” it is not considered a Main labor operation.

Work time (WT) labor operation 61 00 006 requires an individual punch time and an explanation in the claim comments.

If a control module or component was working properly and/or had no related faults stored prior to vehicle programming and it fails to program correctly or requires initialization, this additional work must be claimed with separate labor operations under the defect code listed above; refer to KSD2.

Repairs to control modules and components with pre-existing conditions are not eligible to be claimed under the defect code listed in this bulletin.