

**SUBJECT****Adaptive Headlight Malfunction****MODEL**

F01 (7 Series Sedan)

F02 (7 Series Sedan LWB)

Produced from July 2012 to May 2014

F07 (5 Series Gran Turismo)

F10 (5 Series Sedan)

Produced from July 2013 to June 2014

F32 (4 Series)

Produced to June 2014

F15 (X5)

Produced to July 2014

With option 0524 (Adaptive headlight)

and

Option 0552 (Adaptive LED headlight)

SITUATION

- A headlight malfunction CC message is displayed for one or more of the following lights:
 - Daytime driving light
 - Turn indicator
 - Dipped headlight
 - Main beam
- The following fault codes in the FRM are stored:
 - 800FC8 LIN bus, headlight driver module (TMS), left: communication fault
 - E58522 No message (status, exterior lights, front electronics 1, left, 0x1E0), receiver FRM, transmitter TMSL

CAUSE

Software error in TMS 3 (headlight driver module AHL); a software I-level lower than 14-07-503 will cause the above situation to occur.

CORRECTION

Program the vehicle using ISTA/P 3.53.1 or higher.

PROCEDURE

1. Perform diagnosis using ISTA. The TMS 3 control module will show as no communication in the control units list (for example, the FC S 0311 for the left side).
2. Perform the test plan “ABL_DIT_AT6300_TMS3_L_VS” and follow the test plan recommendations, including the following action: “Disconnect battery for 20 seconds. To enable the communication with the ICOM to be re-established, the following procedure must be observed: Disconnect battery charger Disconnect ICOM Switch off ignition Disconnect battery and wait 20 seconds Reconnect battery Connect charger Switch on ignition. Connect ICOM again.”
3. Delete all fault codes.
4. Program the vehicle with ISTA/P 3.53.1.

NOTE: The new integration levels with ISTA/P 3.53.1 after programming are as displayed below:

F01, F02	F001-14-07-503
F07, F10	F010-14-07-503
F15	F025-14-07-503
F32, F80, F82	F020-14-07-503

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 or the BMW Certified Pre-Owned Program.

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:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module

And:		
61 20 900	Refer to KSD2	Disconnecting battery negative cable
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.

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.

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