

**SUBJECT****Adaptive Headlight Failure****MODEL**

F22 (2 Series Coupe)

F23 (2 Series Convertible)

Produced to November 1, 2014

SITUATION

CCM (Check Control message) displayed for side lights/daytime running lights faulty or adaptive headlight failure.

The following fault codes have been stored in FEM (Front Electronics Module):

- 8041F4 - Left headlight engine control unit module (TMS): Daytime running light or side light has a short circuit.
- 804201 - Right headlight engine control unit module (TMS): Daytime running light or side light has a short circuit.

CAUSE

FEM software error

PROCEDURE

DO NOT replace parts!

Run diagnostics with ISTA and work through the corresponding test module.

If the vehicle I-level is lower than F020-14-11-502, then connect to ISTA/P 3.54.2 or higher and perform a vehicle software update.

Note that 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 / TIS / Technical Documentation / Programming and Diagnostics / ISTA/P Documentation.

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

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:	61 38 22 02 00
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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)

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) allowances.

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.

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, claim this work with the applicable defect code and labor operations listed in KSD2.

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