



MIL LIGHT WITH DME FAULTS 1B2002 AND 1F1A51 STORED

MODEL

F22 (2 Series Coupe)	F23 (2 Series Convertible)	F30 (3 Series Sedan)	F31 (3 Series Sport Wagon)
F32 (4 Series Coupe)	F36 (4 Series Gran Coupe)	F48 (X1 sDrive 28i or xDrive 28i)	

All with the B46 engine produced to 3/2017

SITUATION

- Service Engine Soon (MIL) light is on.
- Both of the following fault codes are stored in Digital Motor Electronics (DME) memory:
 - 1B2002: "EWS protection against tampering: no starting value programmed"
 - 1F1A51: "DME, internal fault: Read EEPROM faulty"



Note: Only vehicles with DME MEVD17.2.3 produced or programmed to Integration

levels: F02x-16-03-50x – F02x-16-07-50x – F02x-16-11-50x are affected.

CAUSE

Ineffective DME software.

CORRECTION

Follow the procedure and replace the DME.

PROCEDURE



Note: If only one of the specified faults is stored in the DME memory, do not replace the

DME. Continue diagnosis with ISTA as normal.

1. Verify both fault codes (1B2002 and 1F1A51) are stored in DME memory.
2. Replace the DME*
 - o * A PuMA TC case must be submitted for warranty claim approval.

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.

This repair is also covered by the terms of the Federal Emissions Warranty.

When applicable, this repair is also covered by the terms the State-specific Emissions Warranty (dependent on the model, model year and the state of registration).

The BMW Certified Pre-Owned Limited Warranty applies to those vehicles that are still within the BMW Certified Pre-Owned coverage period but beyond Emissions Warranty coverage that applies.

Defect Code	1214151200	
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:		
12 14 550	Refer to KSD2	Replacing control unit (DME)
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

Control module failures that occur during programming:

- Please claim these consequential repairs under the defect code listed in this bulletin and use the applicable KSD2 labor operations.

Other Repairs

Control module failures that occur prior to programming:

- When covered under an applicable limited warranty, claim these repairs using the applicable defect code and labor operations in KSD2.

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