



SUBJECT

Engine Malfunction Warning Illuminated with FC 193208: Fuel Level Plausibility Stored in DME

MODEL

F06 (6 Series Gran Coupe)

F07 (5 Series Gran Turismo)

F10 (5 Series Sedan)

F12 (6 Series Convertible)

F13 (6 Series Coupe)

Produced from 7/2013

Without option 610 (Head-Up Display)

SITUATION

The customer states that the engine malfunction warning lamp is illuminated and, while filling the fuel tank, the fuel gauge did not show the proper fill level. After the vehicle is driven a short distance, the fuel gauge will update to full. When diagnosed, the following fault is stored in the DME:

- FC 193208 Fuel level, plausibility: deviation between consumption and level change

Vehicles **with** option 610 (Head-Up Display) are not affected. Follow the ISTA/D test plan for the applicable faults stored in the DME.

CAUSE

A software error in the instrument cluster causes the fuel gauge to incorrectly update while refilling.

PROCEDURE

1. The vehicle must be programmed with the latest version of ISTA/P to install the latest version of the working Instrument Cluster software.
2. Submit a PuMA case titled "Improper Fuel Level After Filling."
3. The IRAP team will flash the Kombi.
4. When the IRAP session is completed, the date and time in the vehicle will need to be set before returning the vehicle to the customer.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty or the BMW Certified Pre-Owned Limited Warranty.

Defect Code:	62 11 06 18 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 KSD 2 as Charging battery)
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.

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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