

SB-10058467-2756



SI B12 21 14
Engine Electrical Systems

April 2015
Technical Service

This Service Information bulletin supersedes SI B12 21 14 **dated February 2015.**

NEW designates changes to this revision

SUBJECT

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

MODEL

F06 (6 Series Gran Coupe)

Produced from 7/2013 to 3/2015

F07 (5 Series Gran Turismo)

Produced from 7/2013 to 3/2015

F10 (5 Series Sedan)

Produced from 7/2013 to 3/2015

F12 (6 Series Convertible)

Produced from 7/2013 to 3/2015

F13 (6 Series Coupe)

Produced from 7/2013 to 3/2015

NEW F22 (2 Series Coupe)

Produced from 11/2011 to 7/2015

F30 (3 Series Sedan)

Produced from 11/2011 to 7/2015

F31 (3 Series Sports Wagon)

Produced from 3/2013 to 7/2015

F32 (4 Series Coupe)

Produced from 7/2013 to 7/2015

F34 (3 Series Gran Turismo)

Produced from 11/2013 to 7/2015

F36 (3 Series Gran Coupe)

Produced from 3/2014 to 7/2015

F25 (X3)

Produced from 3/2014 to 3/2015

F15 (X5)

Produced from 8/2013 to 3/2015

F16 (X6)

Produced from 8/2014 to 3/2015

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

Please proceed to the Procedure section.

Vehicles **with** option 610 (Head-Up Display) **are not** affected. Please follow the ISTA/D test plan for the applicable faults stored in the DME, including the one listed in this bulletin.

CAUSE

A software error in the instrument cluster causes the fuel gauge to incorrectly update while refilling. The error occurs when the vehicle is powered up after refilling.

PROCEDURE

When FC 193208 is found stored in the DME:

F06, F07, F10, F12, F13, F15, F16 and F25 only:

Program the vehicle using the latest version of ISTA/P (3.55.0 or higher).

F Series	Target Integration Level
F06, F07, F10, F12, F13	F010-15-03-501 or higher
F25	F025-15-02-501 or higher

Note that ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software.

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

For information on programming and coding with ISTA/P, refer to CenterNet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

NEW **F22, F30, F31, F32, F34 and F36 only:**

A software correction in ISTA/P will not be available until August 2015.

Please advise the customer to follow the procedure described below when refueling his or her vehicle.

1. Turn the engine and ignition off.
2. Push the radio volume control knob once. The radio screen will illuminate and the audio will be heard.
3. Refuel the vehicle while the radio is active.
4. When the refueling is completed, start the vehicle and resume normal vehicle operation.

WARRANTY INFORMATION

NEW Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

NEW All Models Listed (Diagnosis)

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)

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

F06, F07, F10, F12, F13 and F25 Only (Programming and Encoding)

Labor Operation:	Labor Allowance:	Description:
61 00 730	Refer to KSD2	Programming/encoding control unit(s)

NEW Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

Vehicle Programming and Encoding

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.

Other Repairs

If performing ISTA diagnostics and related test plans results in other eligible and covered work, claim this work with the applicable defect code and labor operations listed in KSD2.

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