



SIB 16 02 23

2023-02-16

CRANK, NO START, NO COMMUNICATION WITH THE INTEGRATED FUEL MODULE (TFE)

<input checked="" type="checkbox"/>	THIS REPAIR IS MOBILE FRIENDLY
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MODEL

E-Series	Model Description	Production Date	Affected Engine
G07	X7 Sports Activity Vehicle	8/1/2022	B58N, S68T
G70	7 Series Sedan	11/1/2022	B58N, S68T
U11	X1 Sports Activity Vehicle	11/1/2022	B48N

SITUATION

Engine will crank but not start. There is no communication with the integrated fuel module (TFE) when diagnosing with ISTA.

The following two fault codes will be stored in the DME:

- 032B43 - Low fuel pressure system, electric fuel pump: pressure value too low
- CDA594 - Message (- 0x33E) missing, receiver DME, transmitter TFE

NOTE: More faults may be stored related to fuel pressure in addition to these faults

CAUSE

An unfavorable software application could cause the TFE to remain in “bootloader mode” during certain cold start situations.

CORRECTION

New software for the TFE will be available in a future version of ISTA.

PROCEDURE

The interim procedure until the updated software is released, perform a battery reset by disconnecting and reconnecting the power supply to the TFE to restore communication with the TFE.

Select one of the following three options:

- Disconnect the 12 V vehicle battery (battery reset) with the Supporting voltage/Battery charger disconnected;

Or

- Unplug the fuse for the TFE control unit:
 - G07 (power distribution box rear, F228 fuse) (tailgate)
 - G70 (power distribution box rear, fuse F250) (trunk)
 - U11 (power distribution box front right, fuse F020) (front hood)

Or

- Unplug the connector to the TFE control unit
- Wait at least 10 seconds
- Then, reconnect the power

PARTS INFORMATION

NOTE: It is not necessary to replace the TFE for this issue.

CLAIM INFORMATION

Until the updated software is available, the following is covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars.

Defect Code:	1614060200	Electric fuel pump control unit Software error / internal device fault
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Refer to AIR for the corresponding flat rate unit (FRU) allowances.

Labor Operation	Description	Labor Allowance
00 00 006	Carrying out vehicle test (Main work)	Refer to AIR
Or:		
00 00 556	Carrying out vehicle test (Plus work)	Refer to AIR
And:		
61 21 528	Supporting voltage of the vehicle electrical system / recharging vehicle battery	Refer to AIR

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006, or exclude (including 61 21 528) when the Vehicle Test is included in another repair.

And, together with above:

Labor Operation	Description	Labor Allowance
61 00 006*	Carrying out vehicle diagnosis, ABL (Work time)	WT
Or		
00 58 500*	Diagnosis Worktime Flat Rate	2 FRU
And:		
61 20 900	Disconnecting and connecting battery ground lead (Supporting voltage/Battery charger disconnected)	Refer to AIR
Or:		
61 99 000*	Work time to remove and re-install the fuse for the TFE control unit	2 FRU

Or, disconnect and reconnect the TFE connector:

Labor Operation	Description	Labor Allowance
52 25 743	Removing and installing both seats (G07)	Refer to AIR
Or:		
52 26 743	Removing and installing both rear seats (G07, 6-seater)	Refer to AIR
Or:		
52 24 730	Removing and installing backrest (G70)	Refer to AIR
Or:		
52 25 742	Removing and installing right seat (G70, electrical rear seat)	Refer to AIR
Or:		
52 26 502	Removing and installing rear seat bench (U11)	Refer to AIR

Work time labor operation codes 61 00 006 and 00 58 500 are not considered Main labor operations.

*Based on which one applies to your center, please refer to **SI B01 01 20** or **B01 07 20** for the applicable procedure for documenting, claiming, and explaining, on the RO and in the claim comments, your diagnosis work time (WT), job/repair work time (WT), and the vehicle repairs your center performed, unless otherwise required by State law.

FEEDBACK REGARDING THIS BULLETIN

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Parts Feedback	To submit feedback for the PARTS section of this bulletin: Submit an IDS ticket to the Parts Department

