



SME FAULT CODE 21F0D2

What's New:

- **The Procedure has been updated with programming the vehicle when fault code 21F0D2 is stored in the SME.**

New information provided by this revision is preceded by this symbol .

This Service Information bulletin supersedes SI B61 10 17 **dated February 2017**.

MODEL

I01 94Ah (i3 & i3 REx)

SITUATION

The following Check Control message (CCM) was displayed to the customer:

- "Drive. Check as soon as possible" (CCM ID: 49)

CAUSE

Erroneous fault or hardware defect in the safety box (S-Box).

CORRECTION

Clear fault memory or diagnose with ISTA.

PROCEDURE

For conditions that are similar to the situation described:

1. Read out the fault memory of the vehicle with ISTA and check whether the following fault code is stored in the fault memory of the SME:
 - 21F0D2 - High-voltage battery unit, negative terminal: Switching contactor, contact stuck closed

Note: The following fault code may also be entered:

- 21F153 - High-voltage battery, safety concept 2: Safety circuit to switch off the switch

contactors, switch-off detected

Was fault code 21F0D2 stored in the SME memory?

YES- Program the vehicle with IST/P 3.61.0 or ISTA Next 4.04.1x (integration level 17-03-502) or higher.

NO – continue diagnosis with ISTA.

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 / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	6127050200	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging unit)

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.

Vehicle Programming and Coding

When ISTA/P automatically reprograms and codes all the vehicle’s control modules that “currently do not have” the latest software and if one or more control module failures occur “during” this programming procedure:

- Please claim this “consequential” control module-related repair work under the defect code listed in this bulletin with the applicable KSD2/AIR labor operations.

Other Repairs

Control module failures that occurred “prior” to performing this programming procedure:

- When covered under an applicable limited warranty, claim the control module-related and/or other repair work using the applicable defect code and labor operations in KSD2/AIR.

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