



THE DISPLAY GOES BLACK, VEHICLE DOESN'T START AGAIN AFTER SWITCHING THE ENGINE OFF.

MODEL

F15 (X5, X5 PEV)	F16 (X6)	F39 (X2 sDrive 28i or xDrive 28i)	F48 (X1 sDrive 28i or xDrive 28i)
F85 (X5 M)	F86 (X6 M)	I01 (i3 & i3 REx)	I12 (i8)
I15 (i8 Roadster)			

- Produced to 07/01/2018

SITUATION

- On board computer and navigation system goes black or resets.
- The engine can only be switched off by pressing the START/STOP button three times (Emergency STOP)
- Various Check Control messages are displayed.
- At a minimum the following fault code is present:

D91C86 - CAN message, status functional safety (ST_FSSY): Timeout-BDC

- Additional fault messages may also be displayed

CAUSE

Software error in the central gateway of the Body Domain Controller (BDC) control unit.



Note: **Parts replacement does NOT provide a solution!**

CORRECTION

Reset the battery and program with ISTA/P 4.12.3x or higher.

PROCEDURE



Note: **BEFORE programming, reset (disconnect/reconnect) the battery. Until ISTA/P 4.12.3x or**

higher is available, resetting the battery is the only solution!

For conditions that are similar to the situation described:

1. Perform diagnosis with the latest version of ISTA.
2. Program the vehicle using ISTA/P 4.12.3x or higher.

Target integration level: I001-18-07-530 or higher
Target integration level: F025-18-07-530 or higher

Note that ISTA 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 or ISTA NEXT, 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 or the BMW Certified Pre-Owned Program.

Defect Code:	6138270200	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2/AIR	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
OR:		
00 00 556	Refer to KSD2/AIR	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
AND:		
61 21 528	Refer to KSD2/AIR	Connect an approved battery charger/power supply (indicated in KSD 2 as Charging battery)
AND:		
61 00 730	Refer to KSD2/AIR	Programming/encoding control unit(s)

And, additionally for the:

e-Vehicles

Labor Operation:	Labor Allowance:	Description:
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging socket)

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

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

During the same workshop visit, if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.

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 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 this programming procedure and/or additional work is performed as a result of performing the ISTA diagnostics and related test plans:

- 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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