



SIB 61 05 20

2020-02-06

CCM DISPLAYED "INCREASED BATTERY DRAIN" CAUSED BY CONTROLLER

MODEL

F22 (2 Series Coupe)	F23 (2 Series Convertible)	F31 (3 Series Sports Wagon)	F32 (4 Series Coupe)
F33 (4 Series Convertible)	F34 (3 Series Gran Turismo)	F36 (4 Series Gran Coupe)	F39 (X2 Sports Activity Coupe)
F48 (X1 Sports Activity Vehicle)	F82 (M4 Coupe)	F83 (M4 Convertible)	F87 M2 Competition Coupe)
F90 (M5 Sedan)	F97 (X3 M)	F98 (X4 M)	G01 (X3 Sports Activity Vehicle)
G02 (X4 Sports Activity Coupe)	G12 (7 Series Sedan)	G30 (5 Series Sedan)	G32 (640i xDrive Gran Turismo)
I01 (i3)	I12 (i8 Coupe)	I15 (i8 Roadster)	

Vehicles produced from July 1, 2015.

SITUATION

A yellow CCM (Check Control Message) ID 415 is displayed-

- "Increased battery drain! // Battery. Electrostatic discharge at standstill / start engine. Energy management"

The results of the Energy Diagnosis test plan identifies the Controller as the root cause of the CCM.

CAUSE

The Controller delays the vehicle going to sleep by up to 6 minutes. In some cases, this will cause the CCM 415 to be displayed when starting the vehicle.

Replacing the Controller in this case will not correct this situation.

CORRECTION

Carry out diagnosis with ISTA and run the Energy Diagnosis test plan. If the Controller is identified as the root cause of the CCM in the results, program the vehicle if the I-level is lower than 19-11-530.

PROCEDURE

1. Is CCM 415 displayed in the vehicle or read out during the key read?

Yes: Proceed to the next step.

No: This SI B does not apply. Continue with standard diagnosis.

2. Perform Energy Diagnosis. Does Energy Diagnosis results indicate that the Controller is the cause of the CCM?

Yes: Proceed to next step.

No: This SI B does not apply. Continue with standard diagnosis.

3. Is the I-level of the vehicle lower than 19-11-530?

Yes: Program the vehicle using the current version of ISTA to 19-11-530 or higher.

- ISTA 4.20.2x supported 19-11-530, released mid-November 2019

No: This SI B does not apply. Continue with standard diagnosis

Always connect a BMW-approved battery charger/power supply ([SI B04 23 10](#)) when performing programming.

For information on programming and coding with ISTA, refer to CenterNet / TIS / Technical Documentation / Programming and Diagnostics / Programming Documentation.

The target I-level is as follows:

F22, F23, F31, F32, F33, F34, F36, F82, F83, F87	F020-19-11-530 or higher
G01, G02, F97, F98, G30, F90, G32, G12	S15A-19-11-530 or higher
F39, F48	F056-19-11-530 or higher
I01, I12, I15	I001-19-11-530 or higher

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:	6131688300	CON, front/controller (slide/rotary push-button in center console) switches incorrectly/does not switch
Labor Operation	Description	Labor Allowance
00 00 006	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)	Refer to AIR
Or:		
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)	Refer to AIR
And		
61 21 528	Recharge vehicle battery	Refer to AIR
And		
61 20 502	Performing vehicle battery energy diagnosis	Refer to AIR
And		
61 00 730	Programming/encoding control units	Refer to AIR

And, additionally for the:

e-Vehicles

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

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

Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)

The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software I-level. If one or more control module failures occur during this programming procedure:

- Please claim this consequential control module-related repair work (including performing the IRAP Control Unit Recovery procedure first as required, refer to the SIB in AIR) under the defect code listed in this bulletin with the applicable AIR labor operations.

Please explain this additional work (The why and what) on the repair order and in the claim comments section

For control module failures that occurred prior to performing this programming procedure:

- When covered under an applicable limited warranty, claim the applicable test plan and the corresponding control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis with separate punch times).

Other Repairs

If other eligible and covered work is performed as a result of performing the ISTA diagnostics and related test plans, claim this work with the applicable defect code and the labor operations that are listed in AIR (including diagnosis with separate punch times).