



SUBJECT

12V Battery Discharge Message (CCM 794) After Charging

MODEL

I01 (i3 REx)

Produced to 12/19/2014

SITUATION

When starting the vehicle after fully charging it over a period of several hours, a 12V battery discharge Check Control Message (CCM 229) is present. The CCM is displayed immediately after start-up, and goes away after driving a short distance.

Generally, no drivability concerns are present but in isolated cases, a complete discharge of the 12V battery is possible. In this situation, the vehicle cannot be started until the 12V battery is charged.

Only vehicles with an I-level of between I001-14-07-500 and I001-14-11-502 are affected.

Fault code 8040B9: De-activation of terminal 30B: Top startability limit reached, is stored in the BDC. CCM 229 is shown when running the ISTA Service Function to read out check control messages. This Service Function can be run using the following path: Service Function/06_Vehicle information/Check Control messages.

CAUSE

A software error in the REME was introduced with I-level I001-14-07-500.

PROCEDURE

Only properly trained personnel, who have passed all applicable technical training courses, should perform any maintenance or repairs on any Hybrid or Electric Vehicle. Work performed by unqualified persons may result in severe injury or damage to the vehicle. Additional information may be found in REP 61 00... Observe safety instructions when handling electric vehicles.

Program and code the entire vehicle using the latest version of ISTA/P (2.54.3/3.54.3 or higher). Target integration level: I001-14-11-504 or higher

Note: 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.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty or the BMW Certified Pre-Owned Program.

Defect Code:	12 32 01 02 00	

Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
And:		
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high-voltage charging unit)
And:		
61 00 730	Refer to KSD2	Programming/encoding control unit(s)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as “Charging battery to EME”)
Or:		
61 21 529	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as “Charging battery to EME”) (luggage compartment service cap removed)

Labor operation code 00 00 006 is a Main labor operation. 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) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

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.

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