

**SUBJECT****Check Control Message "Battery Discharge" Displays Intermittently****MODEL**

F55 (4-door Hardtop)

F56 (2-door Hardtop)

Produced to February 8, 2015

SITUATION

The customer states that a "Battery Discharge" check control message is displayed intermittently when the vehicle is started.

The following fault code is also stored:

DME "213901 – Power management: Reduction or switch-off of individual electrical consumers"

CAUSE

DME/IBS software error

CORRECTION

Program the vehicle with ISTA/P 3.55 or higher.

PROCEDURE

1. Perform a vehicle test with ISTA to identify that fault "213901" is stored in the DME.
2. Perform the energy diagnosis test plan to make sure that the vehicle and battery are good, and not causing the check control message. Follow the energy diagnosis recommendations if the vehicle or battery has a problem identified by the test plan.
3. Perform the service function "Evaluating the battery state of charge." The test plan can be accessed in ISTA via the following path: Service functions / 03 Body / Voltage supply / Battery / evaluating the battery state of charge.
4. If any of the values listed for the last five days are between 1% and 10 % as seen in the illustration, program the vehicle using ISTA/P 3.55. Select complete vehicle coding.

Note: The other values displayed will typically be greater than 70%.

Always connect a BMW approved battery charger/power supply ([SI M04 08 09](#)).

Integrated Service Technical Application Verifikationsmodus

VIN: T730228 Vehicle: MINI/F56/HAT/Cooper/B38/AUT/USA/left-hand drive/2013/11 Kl. 15: -- Kl. 30: --

ASB - DIT AS6120_SOC_HIST - Evaluate state of battery charge

Procedure Functional Description

Last state of charge findings (see functional description, determining the battery state of charge):

- Last: 1 %
- 1 day ago: 60 %
- 2 days ago: 89 %
- 3 days ago: 86 %
- 4 days ago: 88 %
- 5 days ago: 87 %

Notice!
No fault found for the IBS.
If the rest phase is not sufficiently long or if there is a stand-by current violation, the state of charge cannot be determined correctly. The state of charge is not plausible and no conclusion is possible.


Bauteil-Kurzbeschreibung

Folgende Bauteile werden beschrieben:

- Batterie
- Intelligenter Batteriesensor

Batterie

Im BMW 5er, 6er oder X3 ist die Fahrzeugbatterie im Gepäckraumboden hinten mittig verbaut. Im BMW 1er oder 3er ist die Fahrzeugbatterie im Gepäckraum rechts hinter der Gepäckraumverkleidung verbaut.
Es wird meistens eine AGM-Batterie (erkennbar am schwarzen Gehäuse bei ab Werk verbauten Batterien) verbaut. In den anderen Fällen (Fahrzeuge ohne intelligente Generatorregelung und ohne Motor-Start-Stopp-Automatik in einigen Ländern) wird eine normale Blei-Säure-Batterie verbaut.
Die AGM-Batterie bietet vor allem den Vorteil der höheren Zyklenfestigkeit. Die Kapazität der Batterie wird fahrzeugspezifisch abhängig von der Ausstattung (Motor, SA, usw.) festgelegt.



Back Measuring Devices Keyboard Full Screen GRUSB6115-03

WARRANTY INFORMATION

Covered under the terms of the MINI New Passenger Car Limited Warranty or the MINI NEXT Certified Pre-Owned Limited Warranty.

Defect Code:	61 37 03 14 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as "Charging battery")
And		
61 20 502	Refer to KSD2	Performing battery energy diagnosis
And:		
61 00 730	Refer to KSD2	Programming/encoding control unit(s)

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.

Vehicle Programming/Encoding

If a vehicle control module or component was working properly and/or had no related faults stored prior to vehicle programming and it fails to program correctly and/or requires initialization, this additional work must be claimed with separate labor operations under the defect code listed above; refer to KSD2.

Repairs to address control modules and/or components with pre-existing conditions are not eligible to be claimed under the defect code listed in this bulletin.

Other Repairs

If performing the battery energy diagnosis test plans results with other eligible and covered work, claim this work with the applicable defect code and labor operations listed in KSD2.

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