



SIB 61 08 15

High-Voltage Charging Cable Lock Malfunction

This Service Information Bulletin (Revision 2) replaces SI B61 08 15 **dated March 2018**

What's New (Specific text highlighted):

- Updated attachment procedure
- Other repairs section

MODEL

E-Series	Model Description	Production Date
I01	i3	Produced from September 1 st , 2013

SITUATION

One of the following situations can occur:

- The vehicle cannot be charged via the high-voltage charging procedure. The indicator light on the charging socket lights up white and does not change colors.
- The high-voltage charging cable cannot be unlocked and disconnected.

One of the following faults codes is also stored in the Charging Interface Module (LIM):

- 805532 High-voltage charging socket: Lock on the charging plug, status implausible
- 805503 High-voltage charging socket: Charging plug lock, line disconnection

CAUSE

- The emergency-operation tensioning strap is jammed (Also see other repairs below)
- The actuator drive for the charging socket is not working

PROCEDURE

1. Perform diagnosis with ISTA and identify that one of the fault codes listed above is stored in the LIM.
2. Refer to the attached procedure on how to troubleshoot and repair each fault code.
3. If neither fault is stored, then continue with standard troubleshooting to diagnose any other faults that are stored.

Always connect a BMW approved battery charger/power supply (SI B04 23 10).

Always adhere to the relevant safety information in the repair manual when working on high-voltage vehicles.

PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

Part Number	Description	Quantity
61 13 9 313 228	Drive unit power socket lock	1

Additionally, other small parts that are not specified above, such as one-time screws, nuts and seals, which must be replaced according to the ISTA repair instructions/ETK, must be selected from the Electronic Parts Catalogue according to the respective vehicle type and invoiced under the corresponding repair defect code.

WARRANTY INFORMATION

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

Defect Code:	6113121100	Drive, charging socket lock/charging connector lock (electric vehicle/plugin hybrid) Temporary failure
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	Connect an approved battery charger/power supply (indicated in AIR as “Recharge vehicle battery”)	Refer to AIR
Or:		
61 21 529	Connect an approved battery charger/power supply (indicated in AIR as “Recharge vehicle battery service cap in trunk removed”)	Refer to AIR
And:		
61 25 910	Recharging high-voltage battery unit (to high voltage charging socket)	Refer to AIR
And, as necessary:		
61 00 006	Performing vehicle diagnosis – test module	Work time (WT)
And:		
67 11 595	Replace controller drive for charging power 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.

Work time labor operation code 61 00 006 is not considered a Main labor operation; however, it does require an individual punch time and an explanation on the repair order and in the claim comments section.

Other Repairs

If the emergency-operation tensioning strap is mechanically jammed, refer to [SIB 61 16 17](#).

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).

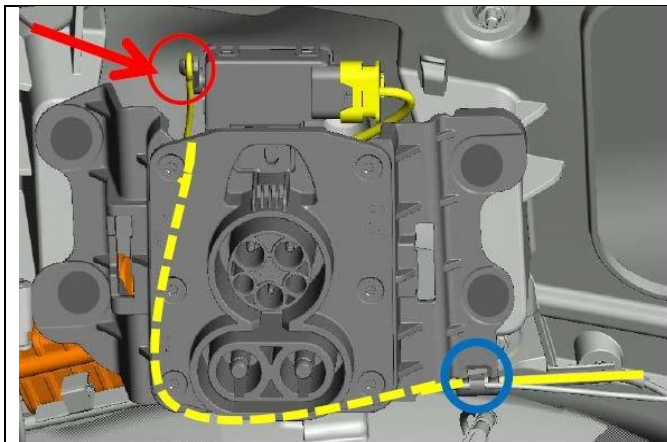
AIR INTEGRATION

Powered by [Froala Editor](#)

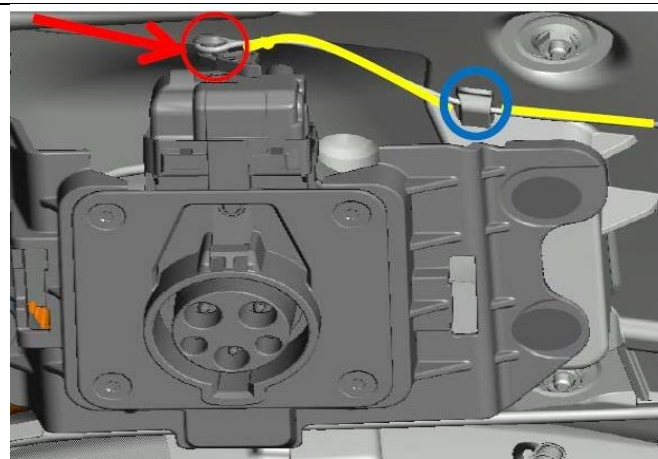
Supporting Materials

[picture_as_pdf B610815_Attachment \(B61 08 15 Procedure\).pdf](#)

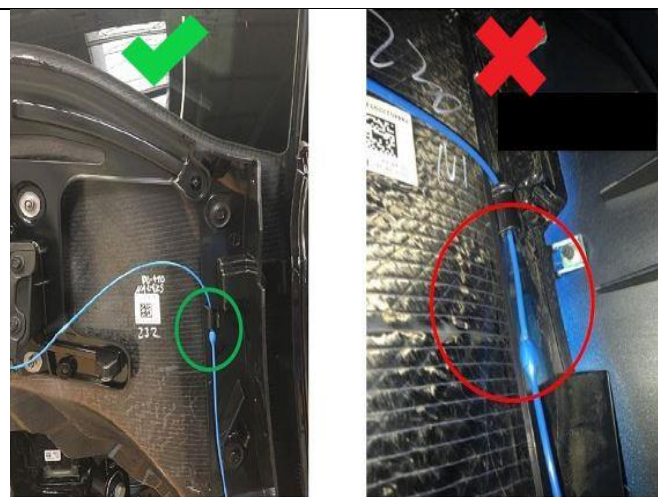
PROCEDURE FOR LIM FAULT CODE 805532



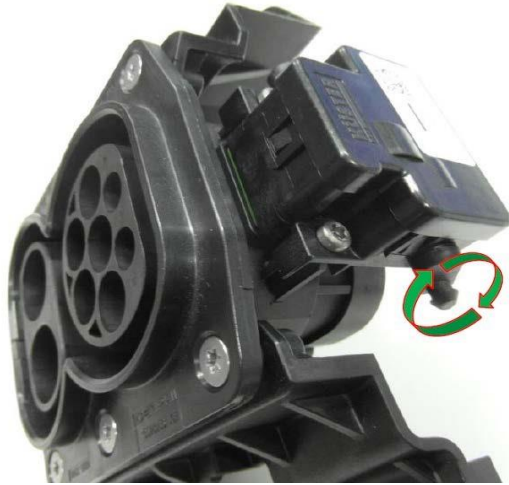
- Detach the tensioning strap from the actuator drive (indicated by the red arrow).



- Ensure that the tensioning strap can move freely in the guides (marked in blue). The tensioning strap must not be tensioned or under pressure or damage. **Otherwise, renew the emergency release cable strap (Refer to SIB 61 16 17).**



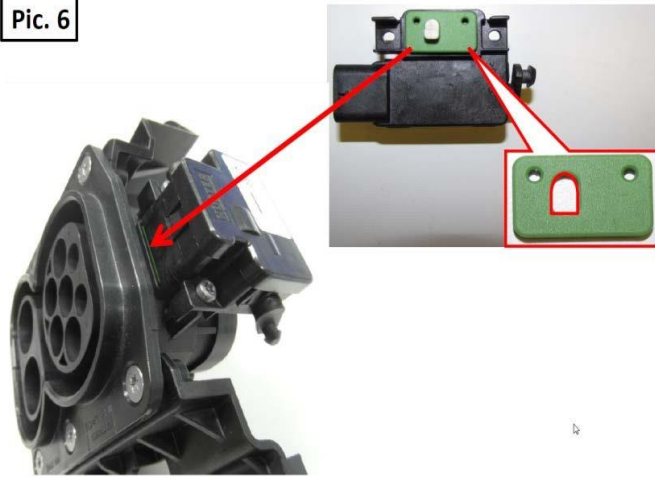
- Position and secure the tension strap as needed.



- Check that the actuator drive can move freely by performing an ISTA function test.
- The test plan can be accessed via the following path:
Function Structure / Body / Voltage Supply / Charge / High Voltage Charging Socket / "ABL High-Voltage charging socket"
- Replace the actuator drive if it fails the function test.
- Refer to ISTA Repair Instruction 67 11 595, "Remove and replace the actuator drive for the high-voltage charging cable."

PROCEDURE FOR LIM FAULT CODE 805503

Pic. 6



- Check the wiring at the actuator for any damage and repair, as needed.
- If the wiring is OK, replace the actuator drive for the charging cable lock.
- Refer to ISTA Repair Instruction 67 11 595, "Remove and replace the actuator drive for the high-voltage charging cable."
- Check that the green seal is installed correctly as shown.