



SERVICE ACTION: PROGRAMMING CONTROL UNITS (RANGE)

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

This Service Information bulletin supersedes SI B61 21 16 dated **March 2017**.

What's New:

- The Procedure has been changed to reflect when the adaptation Service Function should be performed.

MODEL

I01 (i3 & i3 REx)

SITUATION

The actual range can be inaccurate in relation to the state of charge of the high-voltage battery.

Affects certain VINs (not all) produced between July 31, 2013 and July 18, 2016. Please check the key reader or the Warranty Vehicle Inquiry screen in DCSnet.

CAUSE

The range calculation incorporated in the SME software.

CORRECTION

Reprogram the SME with updated software.



PROCEDURE

The vehicle can be sold after the following repair procedure is performed

1. Program and code the complete vehicle with ISTA/P 3.59.4 or ISTA 4.01.10 (Target I-Level 16-07-506) or higher.
2. Please refer to the following information to know which procedure to follow:
 - a. **For vehicles fitting all of the following criteria:**
 - Vehicles produced from SOP to 12/31/14
 - Vehicles currently at Integration Level I001-16-03-50x or earlier
 - Vehicle mileage 12,000 – 22,000 miles

Perform Service Function "Reinitialise adaptation values of the high-voltage battery". The path to the Service function is: Service Functions / Powertrain / High-voltage battery unit / Reinitialise adaptation values of the high-voltage battery

b. **For vehicles fitting all of the following criteria:**

- Vehicles produced from SOP to 12/31/14
- Vehicles currently at Integration Level I001-16-03-50x or earlier
- Vehicle mileage greater than 22,000 miles

Submit a TeileClearing PuMA case titled "SME Adaptations" for further diagnosis via IRAP.

3. Vehicles that are currently at Integration Level I001-16-07-501 or higher **do not** need to have the adaptation values reset with the Service Function.

Note that 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 (SIB04 23 10).

WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the following

Defect Code:	00 12 36 04 00	
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No repair is necessary, all when applicable

Labor Operation:	Labor Allowance:	Description:
00 64 157	1 FRU	Programming and coding was performed previously in conjunction with another campaign or repair (vehicle is already at the specified "Target" integration level or higher, no repair is necessary) (Main work)

Completion "before" vehicle delivery to the customer or the vehicle is already in the workshop

Labor Operation:	Labor Allowance:	Description:
00 64 673	10 FRU	Programming and coding control units (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work – Vehicle is already in the workshop)

Or:

Completion after vehicle delivery to the customer

Labor Operation:	Labor Allowance:	Description:
00 64 158	12 FRU	Programming and coding control units (includes connecting an approved battery charger/power supply and performing a vehicle test) (Main work)

Vehicle Programming and Coding

Control module failures that occur during programming:

- Please claim these consequential repairs under the defect code listed in this bulletin and use the applicable KSD2 labor operations.

Other Repairs

Control module failures that occur prior to programming:

- When covered under an applicable limited warranty, claim these repairs using the applicable defect code and labor operations in KSD2.

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