



This Service Information bulletin supersedes SI B61 02 15 dated **February 2015**

**NEW** designates changes to this revision

#### SUBJECT

**Clicking Noise from Off-board Charger**

#### MODEL

I01 (i3 and i3 REx)

#### SITUATION

While the vehicle is charging, the off-board charger is clicking. The clicking noise comes from the relays inside the charger cycling off and on.

This condition most commonly occurs when the vehicle is fully charged; it is plugged into the charger; and then pre-conditioning is activated via the BMW iRemote app. The cycling of the relays can last from a few seconds to several minutes.

Despite this cycling, the vehicle will continue to charge and pre-condition normally.

While this condition can affect any off-board charger brand (Level 1 or 2), the Clipper Creek HCS-Series (Level 2/240V) charger tends to be more susceptible.

#### CAUSE

**NEW** This situation is caused by an EME software issue that allows, depending on the electrical load demand from the vehicle, the charging to cycle on and off excessively.

#### 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.**

**NEW** Program the vehicle with ISTA/P 3.57.1 (Target I-level I001-15-11-502) or higher.

#### **NEW** 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.

#### I3 and I8

<b>Defect Code:</b>	<b>12 36 00 02 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>

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, for the:

i3 Only

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
61 21 529	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as “i3”) (luggage compartment service cap removed)

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) allowances.

### **Vehicle Programming and Encoding**

If a control module was working properly and it fails to program correctly or requires initialization, please claim this additional work with the applicable KSD2 labor operations under the defect code listed above.

The diagnosis and repair of vehicles “arriving” with failed control modules or stored faults which will cause them to fail during programming cannot be claimed under the defect code listed in this bulletin.

### **Other Repairs**

If other eligible and covered work is performed “prior” to programming and coding the vehicle, claim this work with the applicable defect code and labor operations listed in KSD2.

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