

**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**

This situation is caused by a software bug which allows charging to cycle on and off excessively, depending on the electrical load demand from the vehicle.

**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 the vehicle with ISTA/P 2.57.0 or higher (target I-level 15-11-500) when it becomes available.
- This software release is planned for 11/2015.

**NOTE:** Until ISTA/P 2.57.0 is available, explain to the customer that a software solution is planned for 11/2015.

In the meantime, the charger may still be used and the vehicle will still charge.

If the customer would like to avoid this relay cycling, he or she can temporarily stop using pre-conditioning.

**WARRANTY INFORMATION**

Not applicable.

[ Copyright ©2015 BMW of North America, Inc. ]