



SUBJECT
Charging Concerns

SB-10057535-5773

MODEL
I01 (i3 and i3 REx)

SITUATION
The customer complains of intermittent charging failures or no charging at all.

CAUSE
Improper installation of high-voltage (HV) connectors on the Convenience Charging Electronics (KLE)

INFORMATION
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.



Inspect all HV connectors on the KLE for proper fit. It is possible that one of the HV connectors on the KLE is not seated fully, and in some cases, might not be connected at all.

Note: Pay special attention to the locking tabs (1) on the connector to make sure they are fully seated in the sliding connector lock (2). When fully seated, the tabs are not visible.

In the image, the locking tabs are not seated, causing the connector sliding lock to bow and prevent it from locking on the connector.



This image shows an HV connector that is properly seated and locked in place correctly.

If a KLE connector is found to be loose or not connected, inspect the connector and the KLE for damage to the connectors, damage to the contacts, or overheating.

If any damage or overheating is found, replace the affected HV cable and KLE.

If no connection problems are found, or if the concern/relevant fault code is still present after replacement, continue with normal diagnosis.

NOTE: Prior to replacing any HV components, refer to SI B00 03 06 to determine if a TC PuMA case is required.

WARRANTY INFORMATION

Repairs for defects in materials or workmanship are covered under the terms of the BMW New Vehicle/SAV Limited Warranty or the BMW Certified Pre-Owned Program.

Also, if performing ISTA diagnostics and related test plans results in other eligible and covered work, claim this work with the applicable defect code and labor operations listed in KSD2.

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