


SUBJECT
Charging Stops when Using “Occasional Use” Cable
MODEL

I01 (i3 and i3 REx)

I12 (i8)

SITUATION

When charging the vehicle with the Occasional Use Cable (OUC), and the charge rate set to “Min” in the CID, charging may switch off during the charge cycle. In rare cases, the vehicle may not start the charging cycle at all.

The following fault is stored in the Electric Machine Electronics (EME):

0x222843 - charging management: Charging target not reachable (power of charger too low)

Updated software is available to prevent this situation from recurring.

CAUSE

The EME software had a minimum charging power threshold of 600W. On the “Min” charge setting in the CID, the target charging current is 6 amps. Therefore, if the available voltage at the wall socket dips below 100 volts at any time, charging will be switched off.

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 complete vehicle with ISTA/P 3.55.1 (I-Level I001-15-03-502) or higher.

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.

Defect Code:	12 36 00 02 00	
Labor Operation:	Labor Allowance:	Description:
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” for the i3)

Or, for the:

i3 BEV and i3 REx Only

Labor Operation:	Labor Allowance:	Description:
61 21 529	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as “Charging battery to EME”) (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) allowance.

Vehicle Programming and Encoding

If a vehicle control module or component was working properly and/or had no related faults stored prior to vehicle programming and it fails to program correctly and/or requires initialization, this additional work must be claimed with separate labor operations under the defect code listed above; refer to KSD2.

Repairs to address control modules and/or components with pre-existing conditions are not eligible to be claimed under the defect code listed in this bulletin.

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