SI B61 24 15
General Electrical Systems

November 2015
Technical Service

SUBJECT
Charging Not Possible

MODEL
F15 PHEV (X5 xDrive40e)

SITUATION
The red Check Control message (CCM ID-804): "Charging not possible" is displayed. The following fault codes are stored:

- 21E600 – (KLE, Convenience Charging Electronics) – Charging socket, forceful disconnection of the charging plug detected

- 222834 – (EME, Electric Machine Electronics) – Charging not possible

- 222805 – (EME, Electric Machine Electronics) – Stopping of the charging hardware

CAUSE
Electrical Machine Electronics (EME) software.

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

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.

Note: ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software.

1. Connect the vehicle to ISTA/P.

2. Program and encode the complete vehicle using ISTA/P 3.57.1 (Target I-Level I001-15-11-502) or higher.

Always connect a BMW approved battery charger/power supply (SI B04 23 10).

For additional information on programming and coding with ISTA/P, refer to Centernet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

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 21 528	Refer to KSD2	Connect an approved battery charger/power
		supply(indicated in KSD2 as "Charging battery")
And:		
61 00 730	Refer to KSD2	Programming / encoding control unit (s)

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.