| SI B61 10 16 | May 2016 |
| General Electrical Systems | Technical Service |

Charging Not Possible – KLE Fault 21E693

MODEL

> F15 PHEV

SITUATION

The following conditions may exist:

- Charging is either stopped mid-charge or will not initiate.

- The corona ring around the charge port blinks red.

- Check engine light is turned on.

CAUSE

Faulty software up to and including ISTA/P 3.58.3 (F025-16-03-504)

CORRECTION

Update to software in convenience charging electronics (SLE/KLE)

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.

1. Check for faults in SLE/KLE control unit.

   Is FC 21E693 found?

   YES - it is possibly an erroneous fault. Program and encode the vehicle with ISTA/P 3.59.0 (16-07-501) or a more recent version.

   NO – follow the test plan instructions in ISTA/D.

2. Recheck the SLE/KLE control unit for faults.

   Did FC 21E693 reappear?

   YES - Follow the test plan instructions in ISTA/D.

   NO – the vehicle has been repaired.

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:	61 44 01 15 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, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module
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.

Work time labor operation code 61 00 006 is not considered a Main labor operation; however, it does require an individual punch time and an explanation on the repair order and in the claim comments.

Vehicle Programming and Coding

Control module failures that occur during programming:

- Please claim these consequential repairs under the defect code listed in this bulletin and use the applicable KSD2 labor operations.

Other Repairs

Control module failures that occur prior to programming:

- When covered under an applicable limited warranty, claim these repairs using the applicable defect code and labor operations in KSD2.