



CCM OR MIL DISPLAYED AFTER DC CHARGING SESSION

MODEL

I01 (i3 & i3 REx)

SITUATION

After charging the vehicle at a Direct Current (also referred to as DC, Level 3, or DCFC) charging station, one or both of the following Check Control messages (CCM) are displayed:

- “Starter! Do not stop engine.” (CCM ID: 22)
- “Malfunction Indicator Lamp” (CCM ID: 34)

CAUSE

- Charging interface module (LIM) Software
- Possible fault in convenience charging electronics (KLE)
- Possible problem with charging station used

CORRECTION

Checking of KLE operation, followed by reprogramming and coding the vehicle

PROCEDURE

For conditions that are similar to the situation described:

1. Using ISTA, read the fault memory of the vehicle.

Was the fault code “805524 – DC charging, contactor: Positive terminal, contactor sticking” stored in the LIM fault memory?

YES- continue with step 2.

NO – follow diagnostic procedures suggested by ISTA.

2. Ensure the vehicle’s charging door is closed.
3. Delete the fault memory of the vehicle.
4. Toggle the Driving Readiness (including activating high voltage) on then off again, by

pressing brake, then start/stop button.

5. Read the fault memory.
6. Was the fault code “**805524 – DC charging, contactor: Positive terminal, contactor sticking**” stored in the LIM fault memory both times checked?

YES- replace the KLE according to repair instructions.

NO – there was a problem with the charging station used. KLE exchange in this case will not provide a solution.

Program and code the vehicle with ISTA/P 3.61.1 or ISTA NEXT 4.04.2x.

I01 (i3 & i3 REX)	Target integration level: 17-03-502 (avail 3/10/17) or higher
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Note that ISTA/P and ISTA NEXT will automatically reprogram and code all programmable control modules that do not have the latest software.

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

For information on programming and coding with ISTA/P or ISTA NEXT, refer to CenterNet / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.



Note: Obtain from the customer the following information concerning the charging

station, used immediately prior to the situation occurring, to be submitted as a PUMA case: “For information”-

- Location
- Operator
- Station ID

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:	6144011500	Convenience (comfort) charging electronics
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Replace the KLE as outlined above

Labor Operation:	Labor Allowance:	Description:
		Performing “vehicle test” (with

00 00 006	Refer to KSD2	vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging unit)
And, as applicable		
61 00 009	2 FRU	Work time to perform the fault code “805524” checking procedure
And:		
61 25 701	Refer to KSD2	Replacing comfort charging electronics (after vehicle diagnosis)
And, if applicable		
61 25 702	Refer to KSD2	Additional work with option equipment: Rapid charging with AC (SA4U6, SA4U8) or Rapid charging with DC and AC (SA4U7, SA4U8)

Or:

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Defect Code:	6138281500	Charging interface module (LIM)
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Programming and coding vehicle as outlined above

Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults) (Main work)
Or:		

00 00 556	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)	
And:			
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging unit)	
And, as necessary:			
61 00 009	2 FRU	Work time to perform the fault code "805524" checking procedure	
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")	
Or:			
61 21 529	Refer to KSD2	Connect an approved battery charger/power supply (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) allowances.

Work time labor operation code 61 00 009 is not considered a Main labor operation. Also, since the "work time" FRU allowance to be claimed is specified, a separate punch time is not required.

Vehicle Programming and Coding

When ISTA/P automatically reprograms and codes all the vehicle's control modules that "currently do not have" the latest software and if one or more control module failures occur "during" this programming procedure:

- Please claim this "consequential" control module-related repair work under the defect code listed in this bulletin with the applicable KSD2/AIR labor operations.

Other Repairs

Control module failures that occurred “prior” to performing this programming procedure:

- When “covered” under an applicable limited warranty, claim this control module-related repair work using the applicable defect code and labor operations in KSD2/AIR.

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