



SI B61 42 17
General Electrical Systems

December 2017
Technical Service

MIL ACTIVATED AFTER DC CHARGING – LIM FC 805526

MODEL

I01	
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SITUATION

While DC charging, the charge session may fail to start and a Check Engine Light is illuminated. Fault Code 805526 is stored in the LIM as well

CAUSE

Certain chargers performing isolation tests on the cable can briefly go above 500V. This causes an implausibility in the LIM.

CORRECTION

Software Update

PROCEDURE

In the case of a customer complaint similar to the situation described, begin by reading out the current software level of the vehicle.

If the vehicle software is below I001-17-11-520: Reprogram with ISTA 4.08.2x or higher

If the vehicle software is at or above I001-17-11-520: Follow normal diagnosis through ISTA

A parts replacement will not remedy the situation and is therefore not permitted.

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	6138281500	
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, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module

And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD 2 as Charging battery)
And:		
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging socket)
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 of 00 00 006.

Refer to KSD2/AIR 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 section.

During the same workshop visit, if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.

Vehicle Programming and Encoding

ISTA automatically reprograms and codes all the vehicle control modules that do not have the latest software i-level. 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.

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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