



SI B61 04 18  
General Electrical Systems

March 2018  
Technical Service

## EME SETS FAULT CODE 222931 OR LOW COST CHARGING NOT FUNCTIONAL AFTER PROGRAMMING

### MODEL

I01 (i3 & i3 REx)	
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Programmed by ISTA levels between 4.08.24 and 4.11.1x.

### SITUATION

Fault code “222931 – Charge management function: settings not calibrated” is stored in the Electrical Machine Electronics (EME), and/or “Low Cost Charging” is not functional after programming of vehicle.

### CAUSE

ISTA Programming Failure

### CORRECTION

Perform service function “Charge management: Teach settings” in ISTA.

### PROCEDURE

For conditions that are similar to the situation described:



Note: This situation should not occur after the release of ISTA 4.11.1x

1. Perform diagnosis with the latest version of ISTA, working through test module, if needed.
2. Select “Calculate test plan”.
3. Carry out service function “Charge management: Teach settings” (ABL-DIT-AS6144\_LADEMNGT01)

### WARRANTY INFORMATION



Note: This situation will not be the reason a customer brings the vehicle to the center. **Invoicing**

**should be made on the defect that led to the workshop visit.** If this is not clear, the recommended defect code in warranty cases is: 12 36 00 02 00.

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

<b>Defect Code:</b>	<b>See the prior repair/claim</b>	<b>A. Claim with the defect code that applies to the previous work that necessitated this additional work procedure to be performed</b>

	<b>Or:</b>	
	<b>1236000200</b>	<b>B. Use this Defect code if Defect Code related to "A" cannot be clearly determined</b>
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
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 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 (indicated in KSD2 as "i3) (luggage compartment service cap removed)
And:		
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging socket)
And, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module
And:		
12 99 000	2 FRU	Work time to carry out service function "Charge management: Teach settings" (ABL-DIT-AS6144_LADEMNGT01)

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.

Work time labor operation code 12 99 000 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. However, this also requires an explanation on the repair order and in the claim comments section.

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