



SI B61 31 14  
General Electrical Systems

December 2014  
Technical Service

## **SB-10057537-8656**

**PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES BEFORE CUSTOMER DELIVERY OR THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS.**

### **SUBJECT**

**Service Action: Replace Convenience Charging Electronics (KLE)**

### **MODEL**

I01 (i3 and i3 REx)

### **SITUATION**

A faulty capacitor fitted in the convenience charging electronics (KLE) could cause increased vehicle charging times. This will only occur when charging the vehicle with a Level 2 charger.

### **AFFECTED VEHICLES**

This Service Action involves certain I01, i3 and i3 REx vehicles in which the KLE will need to be replaced and the vehicle programmed.

First check if a Service Action label with a code number **717** is already attached to the A-pillar.

If a code number **717** has been punched out, the Campaign has already been performed and no further action is necessary.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

### **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. Replace the KLE per Repair Instruction REP 61 25 200, "Removing and installing/replacing convenience charging electronics."
2. Program and code the entire vehicle using the latest version of ISTA/P (2.54.3 / 3.54.3 or higher). The target integration level should be I001-14-11-504 or higher.

**Note:** ISTA/P 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, refer to Centernet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

### **PARTS INFORMATION**

Part number	Description	Quantity
	Convenience charging electronics (for	

61 44 8 647 316	alternating-current rapid charging option 4U8)	1
61 44 8 647 315	Convenience charging electronics (for direct-current and alternating-current rapid charging options 4U8 and 4U7)	1
<b>Bulk Quantity Item</b>		
<b>Part Number</b>	<b>Description</b>	<b>Quantity</b>
82 14 1 467 704	Antifreeze	See sublet

### LABEL INSTRUCTIONS

	<p>This Service Action has been assigned code number <b>717</b>. After the vehicle has been checked and/or corrected, obtain a label (SD 92-453) and:</p> <ul style="list-style-type: none"> <li>A. Emboss your BMW center warranty number in the middle of the label (1);</li> <li>B. Punch out code number <b>717</b> (2), printed on the label; and</li> <li>C. Affix the label to the A-pillar as shown.</li> </ul>
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If the vehicle already has a label from a previous Service Action/Recall Campaign, affix the new label next to the old one. Do not affix one label on top of another one because a number from an underlying label could appear in the punched-out hole of the new label.

### WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

<b>Defect Code:</b>	<b>00 61 15 04 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 62 832	38 FRU (I01), 50 FRU (I01 REx)	Replace the KLE, and program and code the control units: Includes a Vehicle Test and recharging high-voltage battery unit (to high-voltage charging unit) and connecting an approved battery charger/power supply (Charging battery to EME)

Labor operation code 00 62 832 is a Plus labor operation.

And, as necessary:

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Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for replacing the drained quantity of BMW antifreeze/coolant (Bulk container reference P/N 82 14 1 467 704, one gallon container). Please do not use this part number for claim submission.
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Sublet calculation: BMW antifreeze/coolant (Bulk container reference P/N 82 14 1 467 704) - replacing the drained quantity (50/50 mixture) at dealer net plus handling.

Enter this material cost in sublet and itemize the amount in the claim comment section.

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