



This Service Information bulletin replaces SI B61 17 16 **dated September 2016**

## What's New:

- Updated software level in Procedure section

## MODEL

I01 (I03 & i3 Rex)	 I12 (i8)		
--------------------	--	--	--

## SITUATION

Malfunction Indicator Lamp (MIL) is illuminated.

## CAUSE

- Erroneous fault 21F0D0 “High-voltage battery, cooling system: Refrigerant shutoff valve jammed closed” is stored in battery management electronics (SME).
- Possible faulty cooling valve

## CORRECTION

Reprogram the vehicle or, depending upon ISTA diagnosis, replace cooling valve.

## 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 the fault memory of the SME with ISTA

**Was code 21F0D0 “High-voltage battery, cooling system: Refrigerant shutoff valve jammed closed” stored**

YES- Go to step 2.

NO – Go to step 3.

2.  Check the current I-Level of the vehicle.

**Is the current I-Level 17-11-520 or above?**

YES- Go to step 3.

NO – reprogram the vehicle with ISTA Next version 4.08.1 (I-Level 17-11-520) or a more recent version.

3. Continue diagnosis with ISTA.

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

Note that ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software. For information on programming and coding with ISTA/P, refer to CenterNet / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

## WARRANTY INFORMATION

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

<b>Defect Code:</b>	<b>64 11 23 02 00</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)
And:		
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging unit)
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 (indicated in KSD2 as “i3) (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) allowance.

### Vehicle Programming and Encoding

If a control module was working properly and it fails to program correctly or requires initialization, please claim this additional work with the applicable KSD2 labor operations under the defect code listed above.

The diagnosis and repair of vehicles “arriving” with failed control modules or stored faults which will cause them to fail during programming cannot be claimed under the defect code listed in this bulletin.

### Eligible and Covered Work/Repairs

To submit a claim for the repair of a verified defect in materials or workmanship, please following the established and applicable warranty policy and procedures together with the using corresponding defect code and labor operations provided in the KSD2.

Posted: Monday, October 16, 2017