



SUBJECT

Rear Seat Heater Inoperative

MODEL

F15 (X5)

F16 (X6)

With option 496 (Seat heating, rear)

SITUATION

The front passenger and both rear seat heaters do not work. The following fault codes are stored in the BDC (Body Domain Controller):

D90C18 - LIN master I: Short circuit

D90C1A - LIN master I: Communication faulty

CAUSE

One of the rear seat heater modules has an internal fault, which interrupts LIN bus communication.

PROCEDURE

1. Perform ISTA diagnosis on the vehicle and troubleshoot any faults related to the seat heaters.
2. If none of the seat heaters is working, turn off the ignition and disconnect one of the rear seat heater modules. Refer to ISTA Repair Instruction 61 35 095, "Removing and installing (replacing) control unit/module for seat heating (left or right rear seat)" for access to the modules.
3. Turn on the ignition and retest.
4. If the other seat heaters start to work, replace the disconnected module.
5. If the seat heaters still do not work, reconnect the previously disconnected rear seat module and disconnect the other rear module.

PARTS INFORMATION

Part Number	Description	Quantity
61 35 9 216 468	Seat heating module, rear	1

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:	64 11 73 66 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle

		diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as “Charging battery”)
And, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Work time labor operation code 61 00 006 is not considered a Main labor operation; however, the FRU amount claimed requires an individual punch time and an explanation on the repair order and in the claim comments section.

And:

X5 (without the Third Row Seat option) and X6

Replacing the first module removed

Labor Operation:	Labor Allowance:	Description:
61 35 598	Refer to KSD2	Replacing control unit/module for left or right seat heating (rear Comfort seat)

Or:

Replacing the second module after removing and reinstalling the first

Labor Operation:	Labor Allowance:	Description:
61 35 597	Refer to KSD2	Removing and installing control unit/module for left or right seat heating (rear Comfort seat)
And:		
61 35 598	Refer to KSD2	Replacing control unit/module for left or right seat heating (rear Comfort seat)

Or:

X5 (with the Third Row Seat option: 04UB)**Replacing the first module removed**

Labor Operation:	Labor Allowance:	Description:
61 35 596	Refer to KSD2	Replacing control unit/module for seat heating (rear seat) (left or right) (with rear blower and with third row seats)

Or:

Replacing the second module after removing and reinstalling the first

Labor Operation:	Labor Allowance:	Description:
61 35 596	Refer to KSD2	Removing and installing control unit/module for seat heating (rear seat) (left or right) (with rear blower and with third row seats)
And:		
61 35 595	Refer to KSD2	Replacing control unit/module for seat heating (rear seat) (left or right) (with rear blower and with third row seats)

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

KSD2 Notes - Labor operations 61 35 095/595/596

X5: The description incorrectly states “(with rear blower and **without** third row seats).” The description will be corrected to state “with rear blower and **with** third row seats” in a future KSD2 release.

X6: These labor operations do not apply to this model; this will be removed in a future KSD2 release.

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