



SUBJECT

Rear Window Defroster is Inoperative

MODEL

F13 (6 Series Coupe)

Vehicles produced up to June 30, 2015

SITUATION

The rear window defroster no longer works. Fuse 203 (30A) in the rear power distribution box is blown and the power distribution box may show signs of overheating.

CAUSE

Excessive power consumption of the rear window defroster overloads the circuit.

CORRECTION

1. Check and replace as needed, the fuse 203, rear power distribution box and connector Z2*4B.
2. Reprogram vehicle with ISTA/P 3.56.2 (this reduces the load on the circuit by modulating the signal to the rear defroster heating grid).

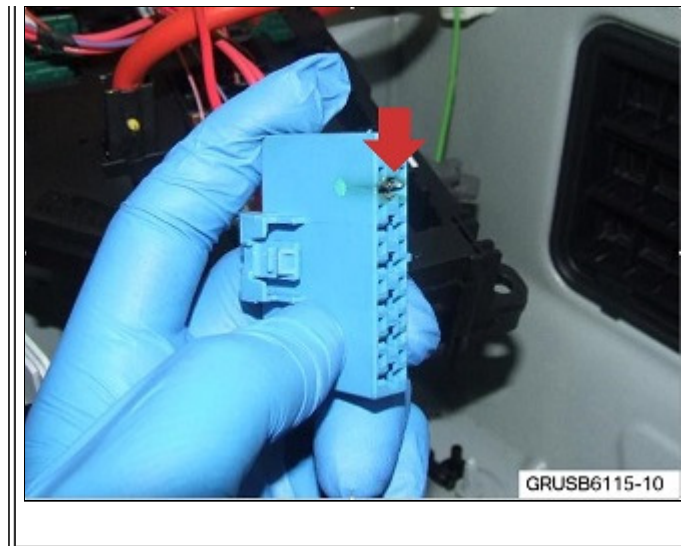
PROCEDURE

1. Perform diagnosis with ISTA and troubleshoot any related faults.
2. Check Fuse 203 in the rear power distribution box and replace as needed.



3. Check Fuse 203 fuse slot and if there are any signs of overheating, replace the rear power distribution box. Refer to ISTA repair manual "61 13 042 Replace power distribution box (luggage compartment)".

4. Check the connector Z2*4B (7 pin blue) at the rear power



distribution box for any damage and replace the power distribution box and connector as needed.

5. Program the vehicle using ISTA/P 3.56.2 or higher (integration level F010-15-07-503 or higher).
6. Check the operation of the rear defroster to make sure it works properly.

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 / Programming and Diagnostics / Programming Documentation.

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

PARTS INFORMATION

Part Number	Description	Quantity
61 13 1 372 628	30A fuse	1
61 14 9 264 923	Power distribution box, rear	1 as needed
61 13 9 227 697	7 pin connector Z2*4B	1 as needed

WARRANTY INFORMATION

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

Defect Code:	51 31 16 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:		
61 00 009	Work time (WT)	Work time to (1) “check and replace” fuse 203 and (2) “check” the condition of the rear power distribution box and the condition of connector Z2*4B
And, if necessary		
61 13 542	Refer to KSD2	Replacing power distribution box (in luggage compartment)
And, if necessary		
61 99 000	Work time (WT)	Replacing connector Z2*4B
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.

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

Work time labor operation code 61 00 009 and 61 99000 are not considered a Main labor operations; however, they do require individual punch times and an explanation on the repair order and in the claim comments section.

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.

Other Repairs

If other eligible and covered work is performed “prior” to programming and coding the vehicle, claim this work with the applicable defect code and labor operations listed in KSD2.

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