

SB-10044024-6359

SI B61 17 12
General Electrical Systems

April 2012
Technical Service

SUBJECT**Wipers, Lights and Front Power Windows Are Inoperative****MODEL**

F01, F02 (7 Series)

F07 (5 Series Gran Turismo)

F10 (5 Series)

Vehicles produced to March 2012

SITUATION

The wipers, lights and front power windows are inoperative. This situation may start as a sporadic failure and lead to a permanent fault. One or more of the following faults may be stored:

- FRM – “800E8D FRM: Terminal 30A, power window regulator failed”
- FRM – “30000 Power window, driver’s door: relay opening, no voltage”
- FRM – “30018 Power window, driver’s door: deactivation of drive due to overvoltage”
- FRM – “3001E Power window, driver’s door: no input voltage at relay”
- FRM – “800E8B FRM: Terminal 30A connection for lights faulty”

CAUSE

Connector Z1*3B at the (Z1) front power distribution box in the passenger compartment is loose (the 7-pin connector is not fully seated into the power distribution box).

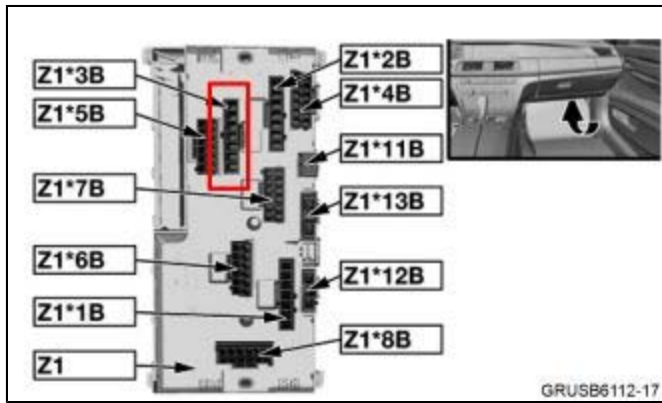
PROCEDURE

1. Perform vehicle diagnosis using ISTA (Integrated Service Technical Application). If the faults listed above are stored in the FRM (Footwell Module), proceed to the next step.

Note: When the ISTA system message displays: “Battery voltage only “XX.XX” V. Please connect charger,” please note the displayed battery voltage reading in the repair order comments section.

2. Follow and complete test plan “AT6300_FRM3VS – Supply, footwell module (FRM).” The test plan is automatically linked to the stored faults. The test plan will prompt to check the power supply to the FRM, which is supplied from the power distribution box via connector Z1*3B.

3. If the voltage measured on the FRM power supply circuits is



incorrect based on the test plan nominal values, check the back of the front power distribution box 7-pin connector Z1*3B to make sure it is properly seated in place, by pushing it in until it locks.

Refer to ISTA Repair Instructions “6113050 Removing and installing/replacing power distribution box in passenger compartment.”

4. PuMA feedback has indicated that the connector is not fully seated into the power distribution box.
5. Clear the faults and retest the system.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty or the BMW Certified Pre-Owned program.

Defect Code:	61 14 00 79 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
and if necessary, also		
61 21 528	Refer to KSD2	Charging battery
and		
61 00 006	Work Time (WT)	Performing vehicle diagnosis – test module listed in step #2
and		
61 13 550	Refer to KSD2	Removing and installing fuse box, vehicle interior

Labor operation code 00 00 006 is a Main labor operation. 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. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

Even though work time labor operation code 61 00 006 ends in “006,” it is not considered a Main labor operation.

Work time (WT) labor operation 61 00 006 – requires an individual punch time.

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