

**SB-10043923-6880**

SI B61 09 12  
General Electrical Systems

September 2012  
Technical Service

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This Service Information bulletin supersedes SI B61 09 12 **dated June 2012**.

**NEW** designates changes to this revision

**SUBJECT**

**Various Electrical Malfunctions Related to the FEM**

**MODEL**

F30 (3 Series)

Vehicles produced from June 30, 2011 **NEW** to August 21, 2012

**SITUATION**

One or more of the following situations may occur when using the windshield wipers:

- After the wipers are switched off, they do not remain in the park position, but in the middle of the windshield.
- The wipers continue to operate even when the ignition is switched off.
- The wipers only partially move when switched on.
- Hazard warning lights flash permanently.
- Vehicle locks and unlocks on its own.
- Interior lights turn on by themselves.
- The trunk lid cannot be opened.

**NEW** The following fault code may be stored in the FEM (Front Electronics Module): “804290 windshield wiper - reset contact short circuit to positive.”

**CAUSE**

**NEW** FEM hardware sensitivity

**PROCEDURE**

1. Perform a vehicle diagnosis using ISTA (Integrated Service Technical Application). If the fault listed above is stored in the FEM, 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. Check the plug connections at the wiper motor, since it can cause the same situations listed above.

3. **NEW** If the plug connections are good, program the FEM with ISTA/P 2.47.5 or later.

**NEW** 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 / Aftersales / Workshop Technology / Vehicle Programming.

#### WARRANTY INFORMATION

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

Defect Code:	61 38 22 02 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	
<b>NEW</b> 51 99 000	2 FRUs	Work time for removing and installing the brake master cylinder cover panel to access and check the electrical connections at the wiper motor	
		and	
61 00 730	Refer to KSD2	Programming/encoding control unit(s)	

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.

**NEW** Even though work time labor operation code 51 99 000 ends in “000,” it is not considered a Main labor operation.

If a control module fails to program correctly or initializations are required, the additional work must be claimed with separate labor operations under the defect code listed above; refer to KSD2.

#### **NEW** Other Repairs

**NEW** If performing other ISTA diagnostics, their related test plans or inspection of the electrical plug connections (Procedure Step 2) results with **eligible and covered work**, claim this work with the applicable defect code and labor operations listed in KSD2.

**NEW** **Note:** Please follow any TeileClearing or Diagcode requirements that may apply to this additional work.

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