

SB-10043923-2554

SI B61 09 12
General Electrical Systems

March 2012
Technical Service

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

NEW designates changes to this revision

SUBJECT

NEW Various Electrical Malfunctions Related to the FEM

MODEL

F30 (3 Series)

Vehicles produced from June 30, 2011 to February 19, 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.
- **NEW** Hazard warning lights flash permanently.
- **NEW** Vehicle locks and unlocks on its own.
- **NEW** Interior lights turn on by themselves.
- **NEW** The trunk lid cannot be opened.

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

CAUSE

FEM hardware fault

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. If the plug connections are good, replace the FEM.
4. Finish the replacement follow-up procedure by programming the vehicle using the current version of ISTA/P (Integrated Service Technical Application, Programming).

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.

PARTS INFORMATION

Part Number	Description	Quantity
NEW Refer to ETK	Control unit, front electronic module	1

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		
61 35 771	Refer to KSD2	Replacing the FEM
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.

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.

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