



This Service Information bulletin supersedes SI B51 10 11 **dated September 2012.**

NEW designates changes to this revision

SUBJECT

Anti-trap Is Activated when Raising the Front Side Windows

MODEL

E89

E93

Vehicles produced from November 2006 to August 2011

SITUATION

When closing the front side windows using the convertible top switch or the central power window switch, one or both front side windows come to a stop at the top third travel area, and then reverse direction slightly. When the switch is actuated again, the windows will close normally.

CAUSE

The front side windows contact the rear side windows, causing the anti-trap feature of the front side windows to trigger.

PROCEDURE

1. Verify the customer complaint.
2. Perform a vehicle test using the latest ISTA diagnostic software version.

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.

3. Diagnose any JBE faults stored in the vehicle by completing the corresponding test plans.

As applicable, continue with the following steps (based on production date).

4. On all vehicles, a temporary solution was announced with the original version of this bulletin in May 2011. The solution was to install a relay conversion kit (51 33 7 308 822) to the JBE connector until the software solution was developed.

Now that the software solution has been introduced, the conversion kit is no longer compatible with the latest software.

Check if the kit was previously installed. To confirm if the kit was previously installed, run a DCS inquiry and search for the Defect Code (61 30 30 12 00) with P/N 51 33 7 308 822.

Remove the passenger side A-pillar footwell trim panel and check for the two relays that are wired to the JBE connector.

Note: If the conversion kit was installed, the complete relay kit with wiring must be removed.

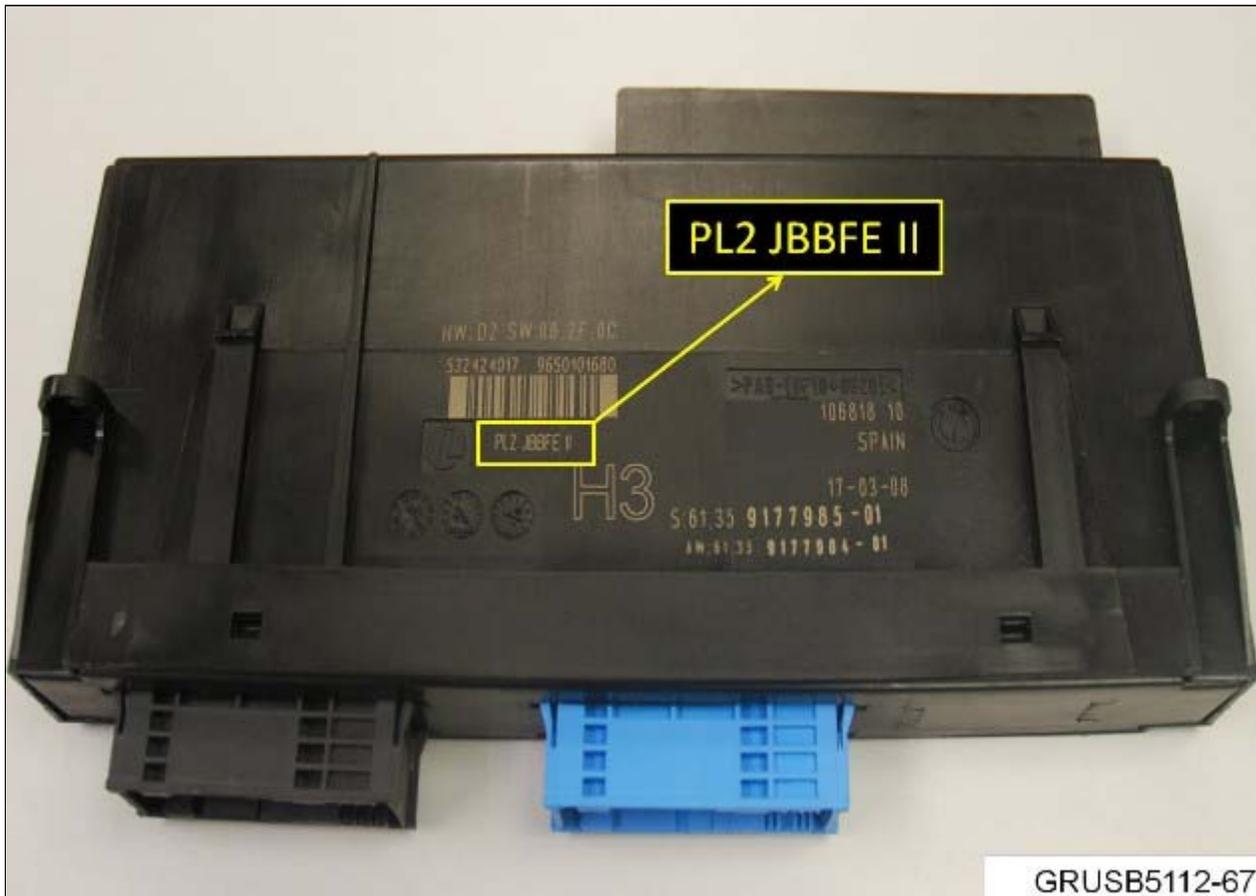
The JBE connector wiring must be restored to its original pin locations before any reprogramming is performed.

At the same time, check which JBE version (1, 2, or 3) is installed in the vehicle (see step 5).

Refer to the attachment, which has been revised to remove the relay kit and wiring. Use this attachment to restore the wiring to its factory-original pin locations.

If a conversion kit was previously installed, submit a PuMA case to request the HO word "+FHRC" be removed from the vehicle order (VO), and then continue with the procedure.

5. To identify the JBE version (1, 2, or 3) installed in the vehicle, you must remove the JBE and visually check the label on the JBE. The picture below shows a JBE 2.



6. **NEW** For vehicles produced up to August 31, 2009 with JBE 1 or 2:
 - a. Install JBE 3 P/N: 61 35 9 264 579 for vehicles equipped with JBE 1
Install JBE 3 P/N: 61 35 9 264 577 for vehicles equipped with JBE 2.

Proceed as described in the ISTA Repair Instructions “61 35 107 Removing and installing or replacing Junction Box electronics.”

Note: When the condition described above exists, there will be no applicable test plan to generate a corresponding DIAGCODE; therefore a DIAGCODE is not required for this specific repair.

- b. Program the vehicle using ISTA/P 2.43.0 or later.
- c. Complete vehicle encoding needs to be added to the measures plan after the modified VO is imported into ISTA/P.

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 Portal / Service / Workshop Technology / Vehicle Programming.

- d. Initialize the windows as per ISTA Functional Description “5113301 Initialize power windows.”

7. **NEW** For vehicles produced from September 1, 2009 with JBE 3:

- a. Program the vehicle using ISTA/P 2.43.0 or later.
- b. Complete vehicle encoding needs to be added to the measures plan after the modified VO is imported into ISTA/P.

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 Portal / Service / Workshop Technology / Vehicle Programming.

- c. Initialize the windows as per ISTA Functional Description “5113301 Initialize power windows.”

PARTS INFORMATION

Part Number	Description	Quantity
61 35 9 264 577	JBE 3 (for vehicles prior to September 2009 with a JBE 2 module)	1 if needed
61 35 9 264 579	JBE 3 (for vehicles prior to September 2009 with a JBE 1 module)	1 if needed

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 05 02 00

A. All Applicable Models

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
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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.

and

B. Vehicles produced before September 1, 2009 with JBE (Junction Box Electronics) 1 or 2:

Labor Operation:	Labor Allowance:	Description:
61 35 608	Refer to KSD2	Replacing electronics junction box

and

61 00 710	Refer to KSD2	Programming/encoding control unit(s) without CAS
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or

61 00 720	Refer to KSD2	Programming/encoding control unit(s) with CAS
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or

Item “B” vehicles with a previously installed JBE (Junction Box Electronics) 3 - (No part replacement is necessary):

Labor Operation:	Labor Allowance:	Description:
61 35 607	Refer to KSD2	Removing and installing the electronics junction box (for inspection only)

and

61 00 710	Refer to KSD2	Programming/encoding control unit(s) without CAS
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or

61 00 720	Refer to KSD2	Programming/encoding control unit(s) with CAS
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or

C. Vehicles produced after September 1, 2009 with JBE 3:

Labor Operation:	Labor Allowance:	Description:
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