



This Service Information bulletin supersedes SI B65 19 08 **dated October 2008.**

PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES BEFORE CUSTOMER DELIVERY OR THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS.

Under the National Traffic and Motor Vehicle Safety Act of 1966, as amended, if there has been a recall campaign, dealers must assure that all new vehicles and new items of replacement equipment are free of safety defects and comply with all applicable Federal Motor Vehicle Safety Standards at the time of delivery to the consumer. This means that dealers may not deliver new motor vehicles or new items of replacement equipment to consumers unless the safety defect or noncompliance has been remedied before delivery.

NEW designates changes to this revision

SUBJECT

Recall Campaign 08V-384: Modify Seat Occupancy Detection Mat

MODEL

E83 with base seats

SITUATION

The passenger seat occupancy mat can fatigue, depending on the manner and frequency of the front passenger's entry and exit. Specifically, over time, microcracks could develop in the side bolster section of the mat. If a microcrack leads to a break of an electrical conductor, the system will recognize a failure. As a result, the front passenger air bags, with the exception of the head protection system, will be deactivated. The air bag warning lamp, as well as the passenger air bag "on-off" lamp, will be illuminated to make the occupants aware of the deactivation.

This recall modifies the seat mat to prevent fatigue.

A copy of the customer notification letter is attached.

AFFECTED VEHICLES

This Recall Campaign involves E83 (X3) vehicles which were produced from June 30, 2003 to November 18, 2005.

In order to determine whether a specific vehicle is affected by this Service Action, it will be necessary to utilize the "Service Menu" of the DCS (Dealer Communication System) or the Key Reader. Based on the response of the system, either proceed with the corrective action or take no further action.

The chassis number ranges listed below are **only** for informational purposes, and are not to be considered as the only deciding factor.

Model	Chassis Number Range
-------	----------------------

X3 3.0i Auto	WA60032 – WA66999
X3 3.0i Auto	WC30000 – WC34998
X3 3.0i Auto	WD00001 – WD31705
X3 2.5i	WA77003 – WA78668
X3 2.5i Auto	WB20006 – WB29999
X3 2.5i Auto	WC35001 – WC52496
X3 3.0i	WA30029 – WA32328

PROCEDURE

As a prerequisite, the BMW diagnosis equipment must be loaded with DIS V55 updated with UPD-DIS OC3 quality procedure V16.0 (released as an online update Sept 17, 2008) or later. In addition, adapter cable 52 1 010 is required. When ISTA is released, adapter cable 52 0 000 will be required for programming the seat occupancy detection mat. This new adapter cable will be shipped to all dealers free of charge.

1. Connect the diagnostic system and power supply to the vehicle.
2. Carry out a quick test. If there are fault code memory entries for the seat occupancy detection mat, work through the test plan and, if necessary, replace and enable the mat in accordance with Repair Instruction RA 52 13 400. No other measures are necessary in this case.
3. Note: Before continuing, ensure there are no stored faults relating to the seat occupancy system.
4. Using the BMW diagnosis equipment, select "*Function selection / Service functions / Body / Seat occupancy detector / Program seat occupancy detection mat*". Then press the "Test Plan" button to start the test plan.
5. **NEW** Switch off the ignition and follow the test plan instructions to connect the adapter cable to the vehicle. Switch on the ignition and wait for the OPS/OPPS to reconnect before continuing.
6. At the first selection screen, select "(1) Program seat occupancy detection system (OC3)".
7. Follow the instructions in the test module.

NEW Note: If programming cannot be performed because no data is available (the actual message on the screen reads "Programming cannot be carried out as no data exists.."), no further measures are required. The mat is up to date.

8. After programming is completed, **disconnect the mat for at least 5 seconds**, according to the instructions in the test module. This allows the OC3 mat to complete a full reset.
9. Follow the instructions in the test module.

NEW Note: If the coding fails (the actual message on the screen reads "Seat occupancy mat defective. Replace the seat occupancy mat in accordance with repair instructions"), **do not replace the seat occupancy mat** as instructed. The cause of the coding failure was most likely because the seat mat was

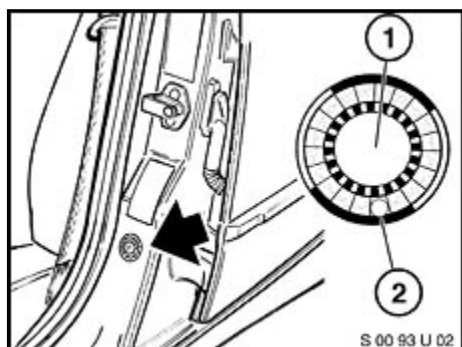
not disconnected properly, and the necessary reset did not occur. Restart the procedure from step 4.

10. Once the seat occupancy detection has been successfully programmed and coded, switch off the ignition and unplug the adapter cable.
11. Perform the modification to the seat occupancy detection mat. See the attached Repair Instruction "Overhaul solution for OC3 mat". For a video of the repair procedure, refer to the October 2008 edition of Service Roundtable on ICP.
12. After modifying the seat occupancy detection mat and reinstalling all removed parts, reconnect the adapter cable and switch on the ignition.
13. Either continue in the original test plan from step 10 or, if the original test plan was exited:

Select "*Function selection / Service functions / Body / Seat occupancy detector / Program seat occupancy detection mat*". Then press the "Test Plan" button to start the test plan. At the first selection screen, select "(2) Enable seat occupancy detection system (OC3)".

14. Follow the instructions in the test module to enable the seat mat. The test module is completed when "End of test module" is displayed.

LABEL INSTRUCTIONS



This Recall Campaign has been assigned code number **530**. After the vehicle has been checked and corrected, if necessary, obtain a label (SD 92-352) and:

- A. Emboss your BMW center warranty number in the middle of the label (1);
- B. Punch out code number **530** (2) printed on the label; and
- C. Affix the label to the **B**-pillar as shown.

If the vehicle already has a label from a previous Service Action/Recall Campaign, affix the new label next to the old one. Do not affix one label on top of another one, because a number from an underlying label could appear in the punched-out hole of the new label.

PARTS INFORMATION

Part Number	Description	Quantity
52 10 7 241 719	Repair kit for basic seat	1
52 10 8 211 438	M10 hexagon bolt	2
07 14 9 156 956	Hexagon nut with ribbed teeth	2
52 10 8 099 039	Spherical collar screw M8X12 T40	2
07 14 9 148 310	Hexagon bolt	1
NEW 52 20 1 964 201	Push pin	2

52 10 3 455 245	Seat occupancy detection mat (basic seat up to 09/05)	1 (if necessary)
52 10 3 455 246	Seat occupancy detection mat (basic seat from 09/05)	1 (if necessary)

Note: It is only necessary to replace the seat occupancy detection mat in isolated cases. In these cases, the diagnosis report must be printed out and retained in the vehicle file.

WARRANTY INFORMATION

The repair described in this bulletin is covered under warranty, regardless of time or mileage. Reimbursement for this Recall will be via normal claim entry, utilizing the following information:

Defect Code: 00 65 04 02 00

Basic seat (mechanical)

Labor Operation:	Labor Allowance:	Description:
00 57 234	28 FRU	Check, program, repair and enable the seat occupancy detection mat
00 57 231	6 FRU	Only check the seat occupancy detection mat (mat is up to date)
00 57 232	28 FRU	Check and replace the seat occupancy detection mat (following quick test).
00 57 233	32 FRU	Check, program and replace the seat occupancy detection mat (following unsuccessful programming)
00 57 235	51 FRU	Check, program, repair, enable and replace the seat occupancy detection mat (following unsuccessful repair or enabling)

Electric basic seat (option code 459)

00 57 239	25 FRU	Check, program, repair and enable the seat occupancy detection mat
00 57 236	6 FRU	Only check the seat occupancy detection mat (mat is up to date)

- | | | |
|-----------|--------|---|
| 00 57 237 | 26 FRU | Check and replace the seat occupancy detection mat (following quick test). |
| 00 57 238 | 29 FRU | Check, program and replace the seat occupancy detection mat (following unsuccessful programming) |
| 00 57 240 | 46 FRU | Check, program, repair, enable and replace the seat occupancy detection mat (following unsuccessful repair or enabling) |

Only one of the above labor operations may be used.

ATTACHMENTS

view PDF attachment [B651908Customer Letter](#).

view PDF attachment [B651908TREAD](#).

view PDF attachment [B651908Repair Procedure](#).

[Copyright © 2008 BMW of North America, LLC]