



This Service Information bulletin supersedes SI B54 03 14 **dated May 2014.**

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.

NEW designates changes to this revision

SUBJECT

Service Action: Wiring Harness Sensor Rear Module

MODEL

F33 (4 Series Convertible)

SITUATION

The wiring harness for the sensor of the rear convertible top module can be routed incorrectly, which can cause damage to the wiring harness.

CAUSE

Incorrect routing of the wiring harness

AFFECTED VEHICLES

This Service Action involves F33 (3 Series Convertibles) produced from February 12, 2014 to March 17, 2014.

First check if a Service Action label with a code number **681** is already attached to the B-pillar.

If a code number **681** has been punched out, the Campaign has already been performed and no further action is necessary.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

CORRECTION

Inspect the wiring harness and replace the base plate as needed per the procedure.

PROCEDURE



Open the convertible top rear module as shown. The area to be worked on is highlighted by the yellow circle.



A closer view of the area that will need to be inspected is highlighted in yellow.



- Inspect the wiring harness. If it is fitted correctly and routed under the base plate as shown, no further action is required.
- If the wiring is not fitted correctly as shown in the picture, proceed to the next step.

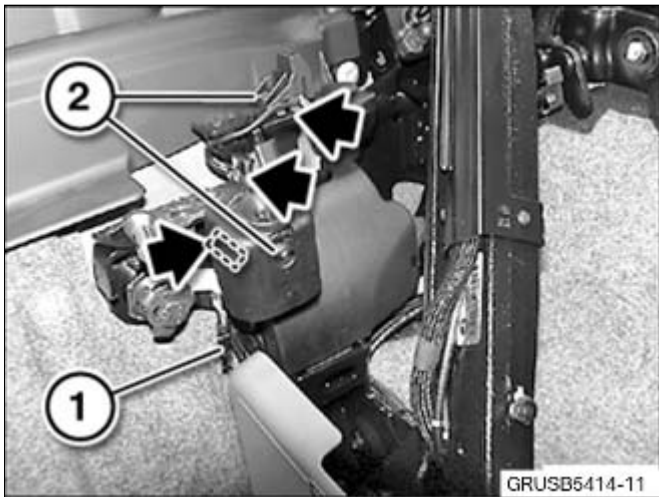


- If the wiring harness is fitted and routed over the base plate as shown, inspect the harness for any damage.
- If damage is found on the harness, proceed to the next step.
- If no damage is found, correct the routing and position the harness under the base plate, as shown in the previous picture.

- If damage is found on the harness as shown, the base plate needs to be replaced.

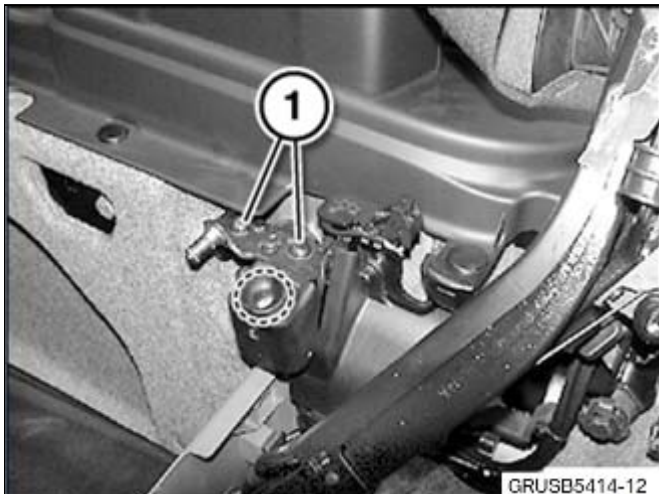


- Proceed to the next step.



- Replace the sensor base plate per ISTA Repair Instruction 54 37 260, "Replacing Hall Effect sensor for rear module on partition wall (right)," including in this SI.
- Disconnect the plug connection (1).
- Remove the screws (2).
- Unclip the wiring harness.
- Carefully guide out the Hall Effect sensor when removing.

Installation note: All microencapsulated screws must have thread locker loctite reapplied or the screws replaced.

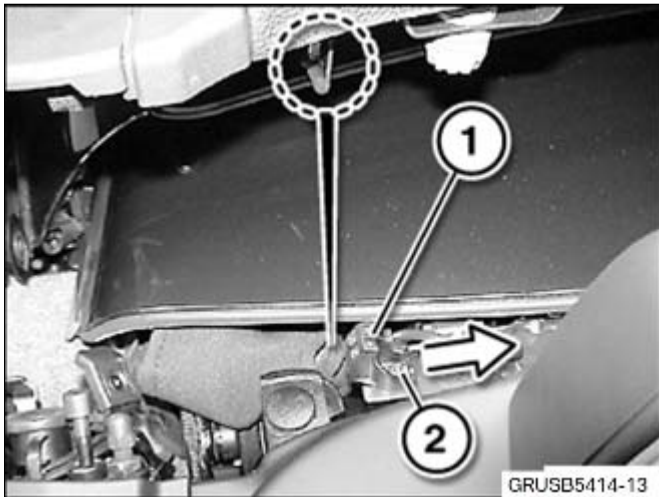


- If there is no signal from the Hall Effect sensor, make the following adjustments.

Adjusting the Hall Effect sensor for the roof module

- Loosely tighten the mounting screws on the holder (1). (It should still be possible to slide the holder to center it.)
- Stow the roof module.
- The optimum position of the holder is determined when the top is closed and the locating pins align into the lock.

- Open the top and tighten the mounting screws.

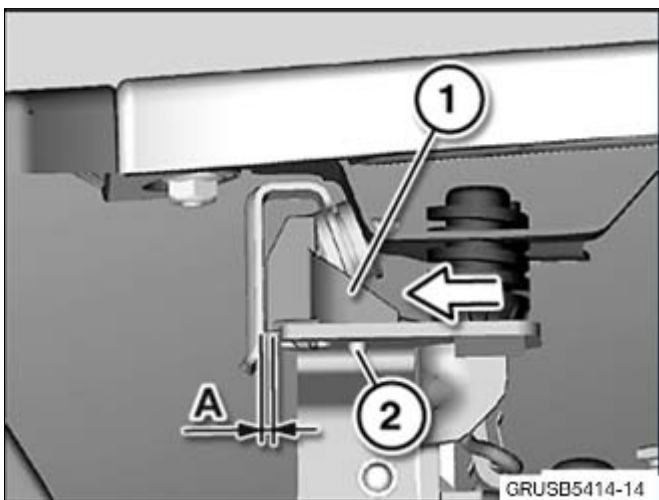


Adjusting the Hall Effect sensor for the soft top compartment lid

- Loosely tighten the screw (2).
- Pull back the Hall Effect sensor (1).

Important!
Risk of damage! The switching plate must not rest on the Hall Effect sensor.

- Carefully close the soft top compartment lid.



- Adjust the Hall Effect sensor (1) in relation to the switching plate.

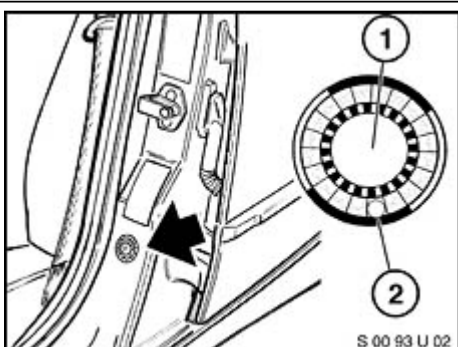
(A) = .04 mm

- Tighten the screw (2).
- Check the function of the Hall Effect sensor.
- If necessary, reduce the distance between the Hall Effect sensor and the switching plate.

PARTS INFORMATION

Part Number	Description	Quantity
54 37 7 197 982	Base plate right	1 if needed

LABEL INSTRUCTIONS



This Service Action has been assigned code number **681**. After the vehicle has been checked and/or corrected, obtain a label (SD 92-439) and:

- Emboss your BMW center warranty number in the middle of the label (1);
- Punch out code number **681** (2), printed on the label; and
- Affix the label to the B-pillar as shown.

If the vehicle already has a label from a previous Service Action, 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.

NEW WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

Defect Code:	00 54 35 01 00	
Labor Operation:	Labor Allowance:	Description:
00 62 603	Refer to KSD2	Check the wiring harness and relocate if necessary
or		
00 62 604	Refer to KSD2	Replace right base plate with sensor

Labor operation codes 00 62 603 and 00 62 604 are both Plus code labor operations.

[Copyright ©2014 BMW of North America, Inc.]