



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.

SUBJECT

Service Action: Check and Repair the NVLD Wiring Harness

MODEL

F83 (M4 Convertible)

SITUATION

The wiring harness for the NVLD2 (Natural Vacuum Leak Detection: tank leak diagnosis) may rest against the right rear strengthening brace and chafe through the harness insulation. This may lead to a short circuit and blow Fuse 104.

CAUSE

Incorrect harness protection

CORRECTION

Check and repair the harness as needed and install corrugated tubing.

AFFECTED VEHICLES

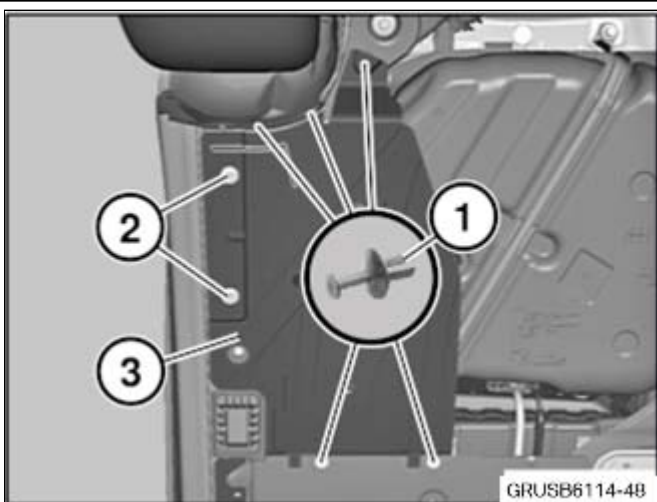
This Service Action involves 4 Series Convertibles produced from July 2014 to August 2014.

First check if a Service Action label with a code number **706** is already attached to the B-pillar.

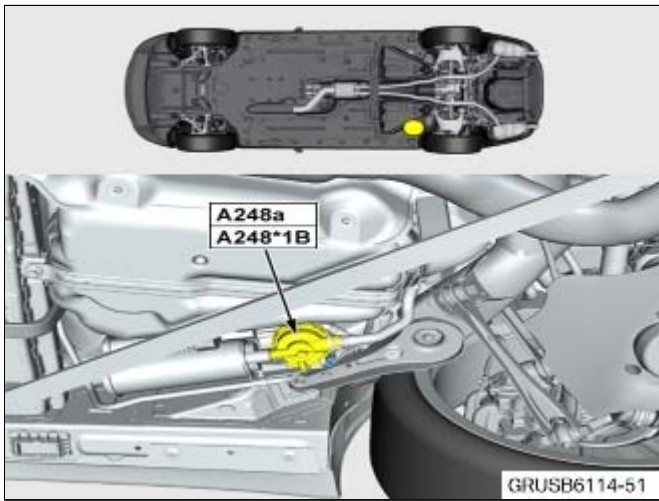
If a code number **706** has been punched out, the Campaign has already been performed and no further action is necessary.

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.

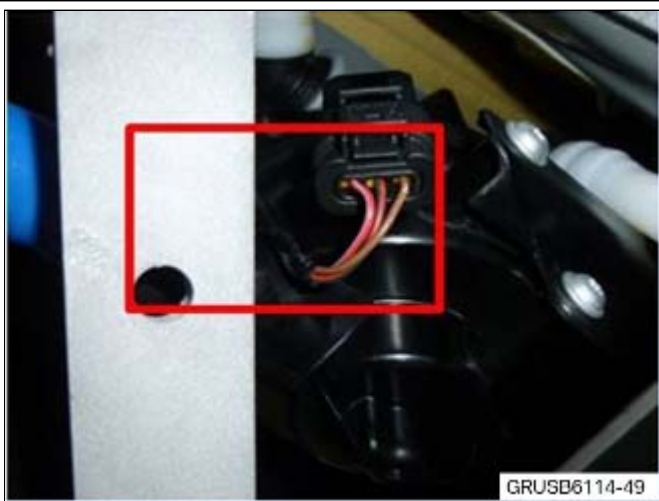
PROCEDURE



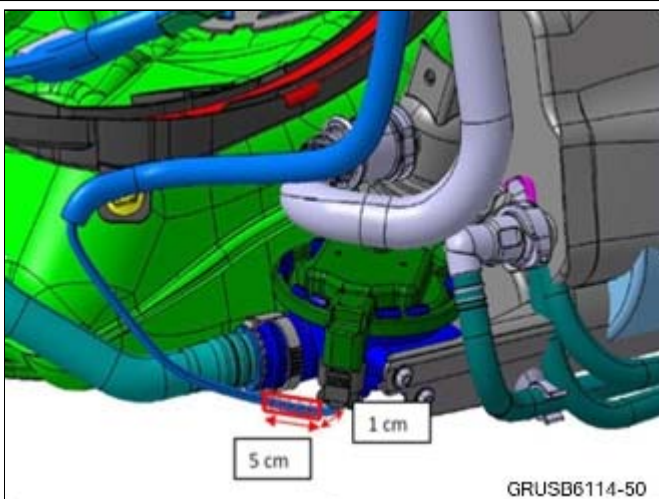
1. Remove the underbody cover from the passenger's side of the fuel tank per ISTA Repair Instruction 5175... The left side is shown from the Repair Instruction.
2. Release the expanding rivets (1). Save them for reuse.
3. Remove the screws (2).



4. The picture to the left shows the installed location of the NVLD, once the cover is removed.



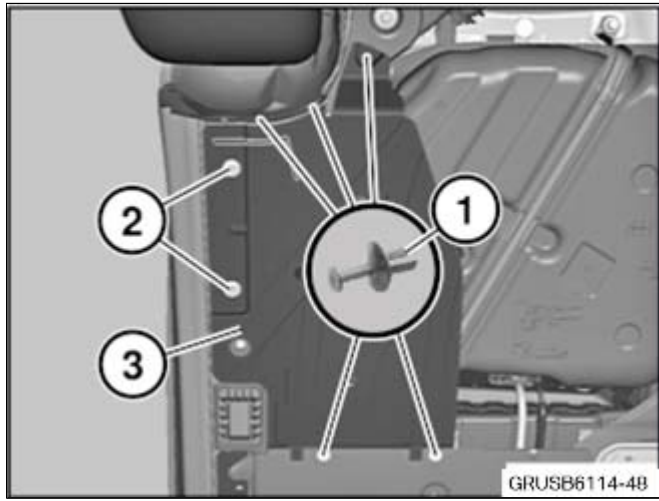
5. Check the wiring for damage in the area of the brace, as shown.
6. If the wiring is damaged, repair as needed based on ISTA Repair Instruction 61 13... "Treating cables and optical fibres," (recommendations for repairing cables).
7. Ensure that Fuse 104 is not blown and replace as needed.



8. Install 5 cm of corrugated tubing around the wiring harness, approximately 1 cm from the connector on the NVLD, as shown. Secure with the fabric adhesive tape.

9. Install the underbody cover from

the passenger's side of the fuel tank per ISTA Repair Instruction 5175... The left side is shown from the Repair Instruction.

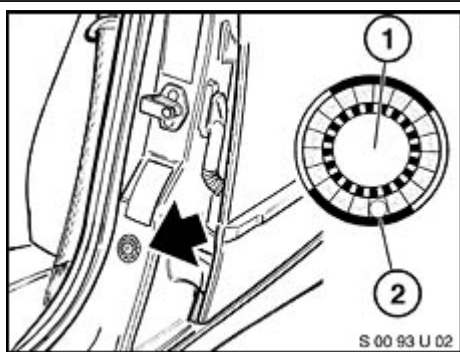


10. Install the expanding rivets (1).
11. Install the screws (2) and tighten to 3 Nm

PARTS INFORMATION

Part Number	Description	Quantity
61 13 6 933 301	Corrugated tubing with slot	5 cm; see sublet below
61 13 6 902 588	Fabric adhesive tape	As needed; see sublet below

LABEL INSTRUCTIONS



This Service Action has been assigned code number **706**. After the vehicle has been checked and/or corrected, obtain a label (SD 92-453) and:

- A. Emboss your BMW center warranty number in the middle of the label (1);
- B. Punch out code number **706** (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.

WARRANTY INFORMATION

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

Defect Code:	00 61 14 04 00	
Labor Operation:	Labor Allowance:	Description:
00 62 770	5 FRU	Check NVLD wiring harness and install corrugated tubing
Or:		
		Check NVLD wiring harness,

00 62 771	8 FRU	repair damaged wires and install corrugated tubing
And:		
Sublet Code 4	\$2.00	Reimbursement for the used quantity of bulk P/N 61 13 6 933 301 and P/N 61 13 6 902 588. Please do not use this part number for claim submission.

Labor operation codes 00 62 770 and 00 62 771 are both Plus labor operations.

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