



SI B61 06 18
General Electrical Systems

May 2018
Technical Service

SERVICE ACTION: REPOSITION DOOR WIRING HARNESS

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

MODEL

G12 (7 Series)	
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AFFECTED VEHICLES

This Service Action involves (316) 7 Series vehicles produced from 3/2/2018 to 3/15/2018.

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

SITUATION

Door wiring harnesses must be inspected in both front doors.

CAUSE

Door wiring harnesses may be installed such that the harness can be damaged by contact with sharp edges of the door brake.

CORRECTION

Adjust the placement of the door harness and, only when damaged, replace the harness.

PROCEDURE

1. Following the instructions in REP **51 33 070** Replacing the left front door module bracket or **51 33 072** Replacing right front door module bracket, perform the following steps:
 1. Remove the window channel strip on the front door
 2. Remove the mirror triangle cover
 3. Remove the decorative strip from the door trim panel
 4. Remove front door trim panel
 5. Remove the module bracket from the front door



Note: Do not replace the door module bracket (Main Work)

2. Inspect the wiring harness for chafing, near the door brake (left side shown).
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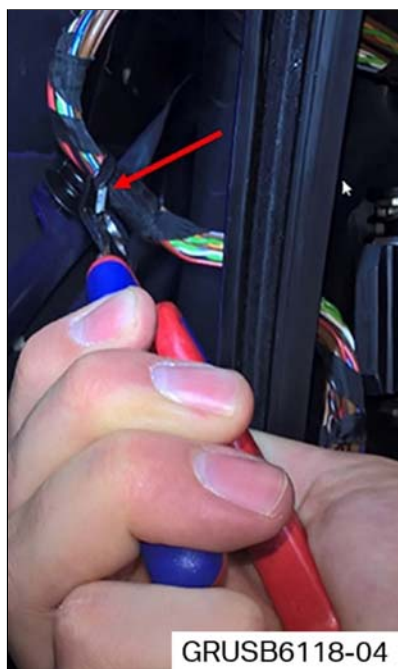
Is there evidence of chafed or exposed wiring?
YES- replace the harness and then go to Step 3.
NO – go to Step 3.

3. Identify which wiring harness installation version this vehicle contains.

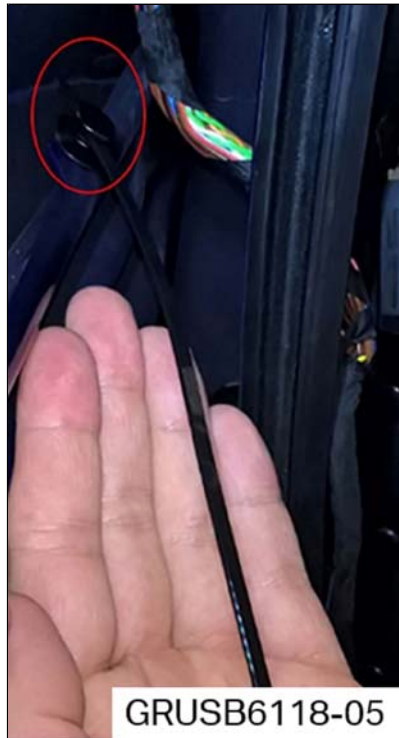


Is the wiring harness looped-over and taped together inside the door (as shown)?
YES- go to Extra Length Procedure, below.
NO – follow Short Wiring Harness Procedure

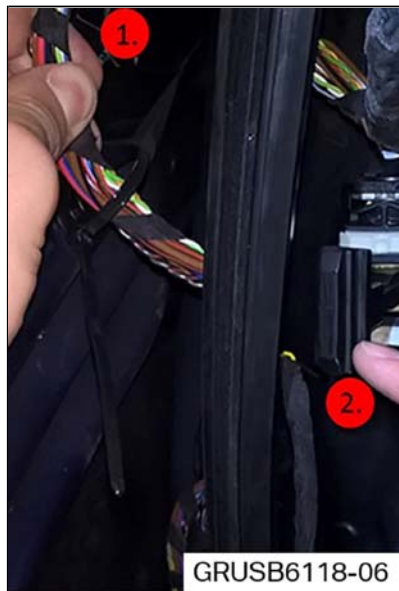
Short Wiring Harness Procedure



A. Detach the cable strap using a pair diagonal cutters.

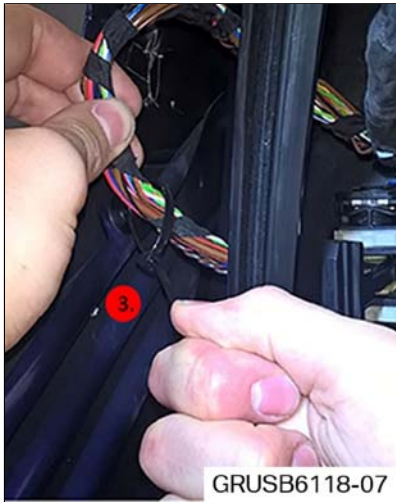


B. Insert a new cable strap in the anchor point.



C. Remove the harness and check for freedom of movement at the indicated points (1 and 2).

D. Pull any slack in the harness into the inside of the door.
E. Tighten the cable strap (3) around the harness.



F. Go to Step 4 below.

Extra-Length Wiring Harness Procedure



A. Remove the tape holding the wiring harness into a loop.

B. Reposition the harness to make the loop longer (pull some of the slack in the harness into the loop).



C. Retape, making a larger loop in the wiring harness.



D. Mount the wiring harness loop (2) out of the range of motion of the door brake, ensuring adequate freedom of movement (3).
E. Go to Step 4 below.

4. Returning to the instructions in REP 51 33 070 Replacing the left front door module bracket or 51 33 072 Replacing right front door module bracket, start with Step 5 and perform the following steps:
5. Installing the module bracket on the front door
6. Install front door trim panel
7. Install the decorative strip on the door trim panel
8. Install the mirror triangle cover
9. Installing the weather strip on the front door

PARTS INFORMATION

Part Number	Description	Quantity
61 12 8 714 766	Door wiring harness on passenger's side	1
61 12 8 714 770	Door wiring harness on driver's side	1
61 12 6 839 082	Door wiring harness on driver's side (with S323A option)	1
61 12 6 839 086	Door wiring harness on passenger's side (with S323A option)	1
61 12 8 714 764	Door wiring harness on passenger's side (with S6F1A option)	1
61 12 8 714 768	Door wiring harness on driver's side (with S6F1A option)	1
61 12 8 714 765	Door wiring harness on passenger's side (with S4URA option)	1
61 12 8 714 769	Door wiring harness on driver's side (with S4URA option)	1
61 12 8 714 767	Door wiring harness on driver's side (with S4URA and S6F1A option)	1
61 12 6 839 083	Door wiring harness on driver's side (with S323A and S4URA option)	1
61 12 6 839 196	Door wiring harness on passenger's (with S323A and S4URA option)	1
61 12 6 839 084	Door wiring harness on driver's side (with S323A and S6F1A option)	1
61 12 6 839 087	Door wiring harness on passenger's side with S323A and S6F1A option)	1
61 12 8 714 763	Door wiring harness on passenger's side (with S4URA and S6F1A option)	1
61 12 6 839 085	Door wiring harness on driver's side (with S323A and S4URA and S6F1A option)	1
61 12 6 839 088	Door wiring harness on passenger's side (with S323A and S4URA and S6F1A1 option)	1
61 13 8 383 722	Cable Tie, 200mm x 4.6mm	1

WARRANTY INFORMATION

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

Defect Code:	0061720400	
Labor Operation:	Labor Allowance:	Description:
00 66 594	28 FRU; 29FRU (740e)	Check both front door wiring harnesses for damage and rework the installation (Plus work)
Or:		
00 66 595	31 FRU; 32FRU (740e)	Check both front door wiring harnesses for damage, replace one door wiring harness and rework the installation of a wiring harness (Plus work)
Or:		
00 66 596	35 FRU; 36FRU (740e)	Check both front door wiring harnesses for damage, replace both door wiring harness and rework the installation of a wiring harnesses (Plus work)

And, as applicable:

Alternative Mobility Solution (AMS) for Vehicle Owners

This Service Action repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Defect Code noted above as follows:

- Sublet Code 2 - Itemize the AMS sublet amount on the repair order and in the claim comment section.

Please refer to SI [B01 29 16](#) for additional information.

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