



SIB 52 07 21

2021-04-30

SERVICE ACTION: ROUTING OF DRIVER'S SEAT WIRING HARNESS

MODEL

E-Series	Model Description	Production Date
G29	Z4 Roadster	March 4, 2021 – March 5, 2021

AFFECTED VEHICLES

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.

For centers that qualify, this repair is eligible to be performed via Mobile Assistance.

SITUATION

The seat wiring harness on the left front area of the driver's seat of the affected vehicles may have been routed incorrectly. If the seat wiring harness is routed incorrectly, it may be damaged during seat height adjustment. This could cause the adjustment functions to fail partially or completely.

CAUSE

Incorrect harness routing.

CORRECTION

Check and if necessary, correct the cable routing in the affected vehicles.

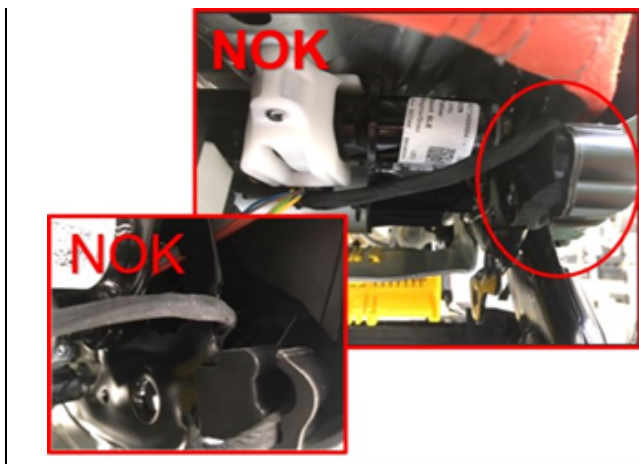
PROCEDURE



1. Check the wiring harness installation arrangement on the installed left front seat.

If the routing of the seat wiring harness is OK, this Technical Campaign is now complete. Replace no parts.

2. If the routing is incorrect (NOK stands for



not OK), continue to **step 3**.

3. If the routing of the seat wiring harness is faulty, remove the left seat according to Repair Instructions 52 13 001 Removing the driver's seat.

Check whether the wiring harness is severely damaged, if so, continue according to **step 4**.

If the wiring harness is **not damaged**, then route the wiring harness correctly in accordance with the attached repair instructions (Harness Routing). **The Technical Campaign ends here; replace no parts.**

4. If the seat wiring harness is **severely damaged**, it must be replaced in accordance with the attached repair instructions (Damaged harness).

NOTE: When removing the seat the 4 screws must be replaced.

PARTS INFORMATION

Part Number	Description	Quantity
61 12 8 716 470	Seat cable set on the left	1
72 11 9 813 974	Hexagon bolt	1
07 14 9 321 690	Cap screw (seat rails to floor)	4

Note:

Other small parts such as clips, cable straps, screws, nuts and seals, which must be replaced on the basis of the ISTA repair instructions, are to be selected from the Electronic Parts Catalogue according to the respective vehicle type and invoiced under the special defect code.

WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the applicable work package information below, and when required, the part numbers listed above.

Defect Code:	0061980500	G29 Checking and if necessary reworking front seat wiring harness routing
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Completion before the first vehicle delivery to a customer or the vehicle is already in the workshop

Work Pkg	Labor Operation	Description (Plus work)	Labor Allowance
# 1	00 70 875	Checking the routing of the front seat wiring harness (No repair necessary)	3 FRU
Or:			

# 2	00 70 876	Checking the routing of the front seat wiring harness and reworking it into the correct position	8 FRU
Or:			
# 3	00 70 877	Checking the routing of front seat wiring harness and replacing it (due to damage) into the correct position	24 FRU

Or:

The vehicle arrives at your center and this Service Action shows open (No other main work will be performed or claimed during this workshop visit)

Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 4	00 70 329	Checking the routing of the front seat wiring harness (No repair necessary)	5 FRU
Or:			
# 5	00 70 330	Checking the routing of the front seat wiring harness and reworking it into the correct position	10 FRU
Or:			
# 6	00 70 331	Checking the routing of front seat wiring harness and replacing it (due to damage) into the correct position	25 FRU

Only one of the flat rate labor operation codes listed above can be used for claim submission and reimbursement. Also, only one Main work flat rate labor operation code can be claimed per workshop visit.

Claim Repair Comments

Only reference the SIB number and the work package (Pkg) number performed in the RO technician notes and the claim comments (For example: B52 07 21 WP 1), unless otherwise required by State law.

Alternative Mobility Solution (AMS) for Vehicle Owners (RO and Claim Comments Required)

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.

QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Please contact the Warranty department by either using the Live Chat that's available in the Warranty Documentation Portal or through IDS by selecting Coverage, Policy, Coding Questions and Mileage Corrections
Parts inquiries	Submit an IDS ticket to the Parts Department

Supporting Materials

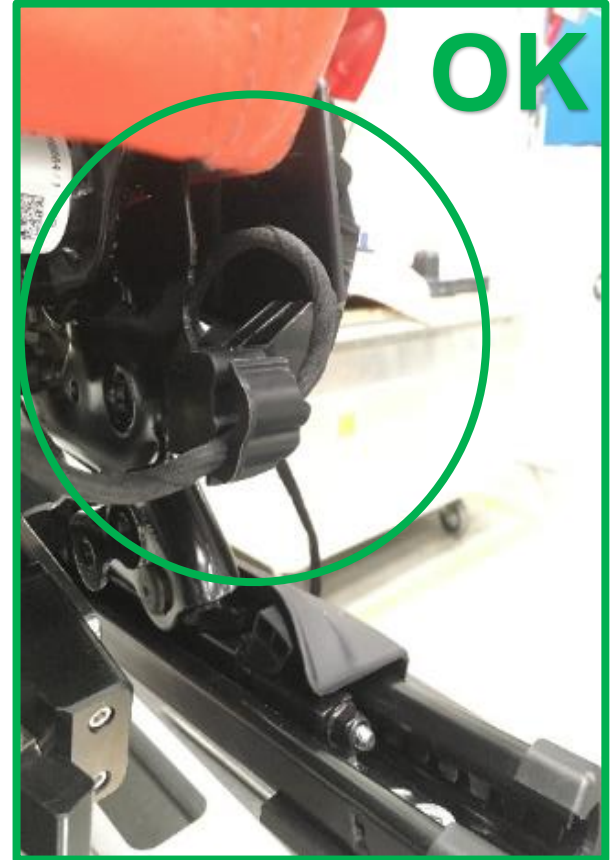
[picture_as_pdf B520721 Attachment G29 Harness routing.pdf](#)

[picture_as_pdf B520721 Attachment G29 Rework_damaged_harness.pdf](#)



G29 Rework of wrong cable routing

Mistake – wrong cable routing



Rework / Disassembly – Plastic cover - Pushpin

1. Push pin take out



Push pin



Rework / Disassembly – Plastic cover

2. Plastic cover take out



Rework / Disassembly – Switch

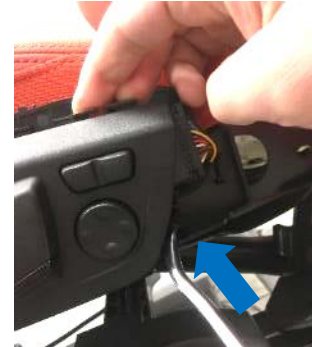
3. Switch take out



3.1 Take out: clip up



3.2 Take out: clip down



3.3 Take out: in the side



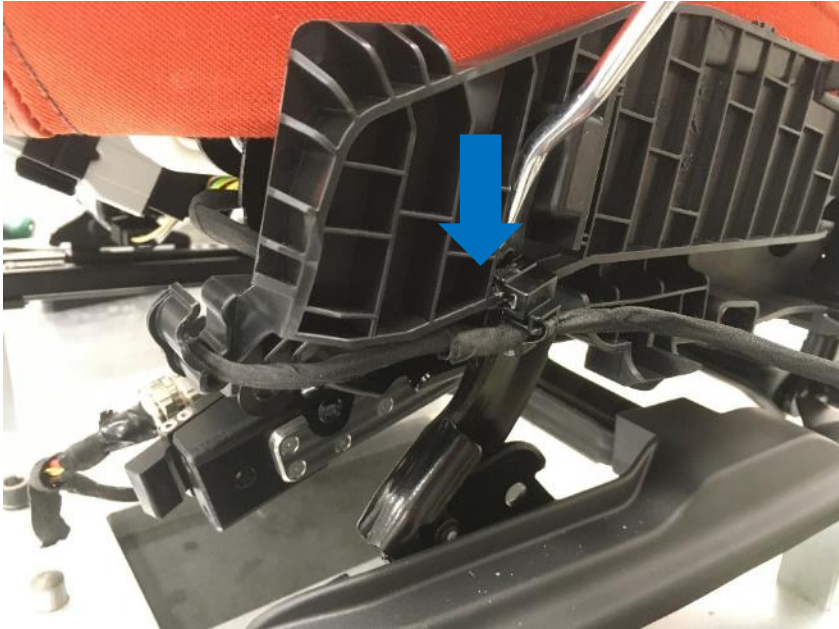
3.4 Take out: switch



3.5 Press and remove cable connector

Rework / Disassembly – Cabling

4. Cable take out



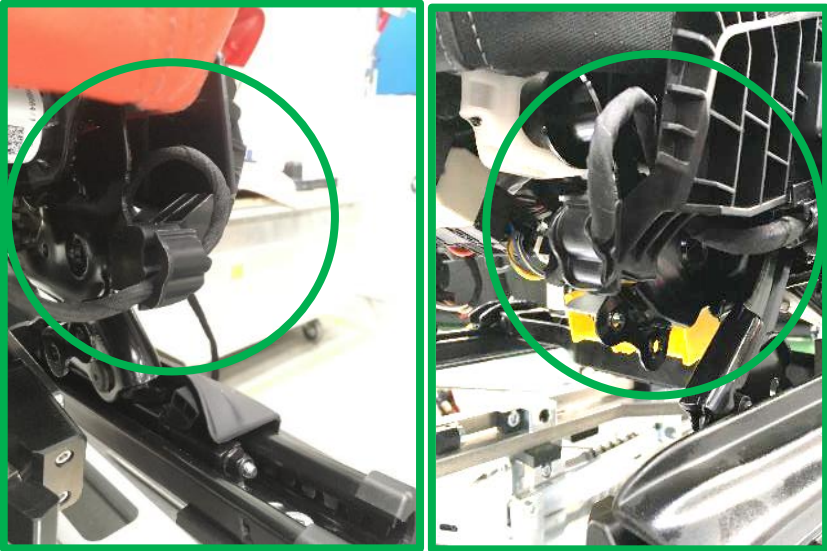
4.1 Take out: edge clip



4.2 Take out: cable from holder

Rework / Assembly – Cabling

1. Cable assembly OK



1.1 OK cable routing



1.2 Assembly with clip and cable guide

Rework / Assembly – Switch

2. Switch assembly



2.1 Take on switch in all clips / click



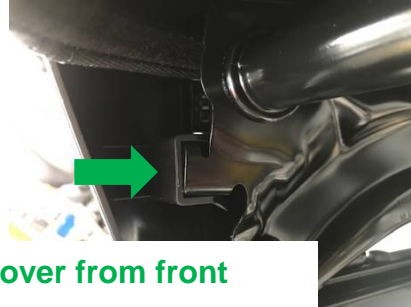
2.2 Plug in the cable connector

Rework / Assembly – Plastic cover

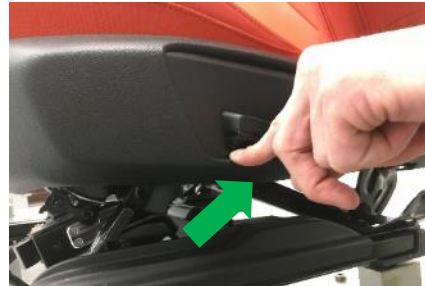
3. Plastic cover assembly



3.1 Take on cover from front



3.2 Take on cover: push on clip



3.3 Take on cover: push on clip



3.4 Install push pin – next slide

Rework / Assembly – Plastic cover - Pushpin

4. Push pin take on



Push pin



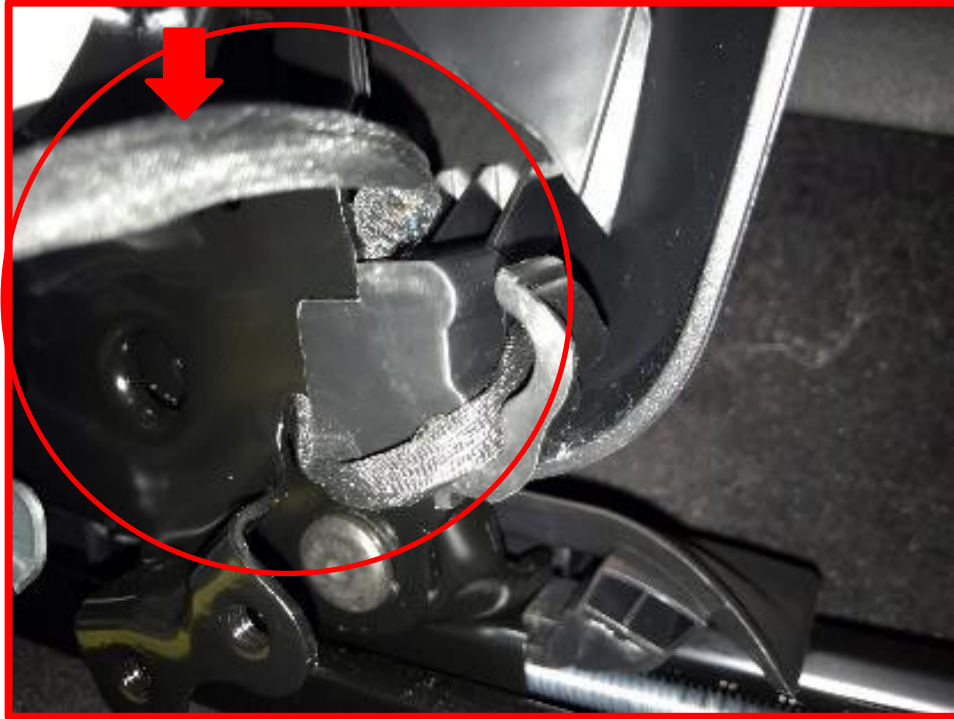


G29

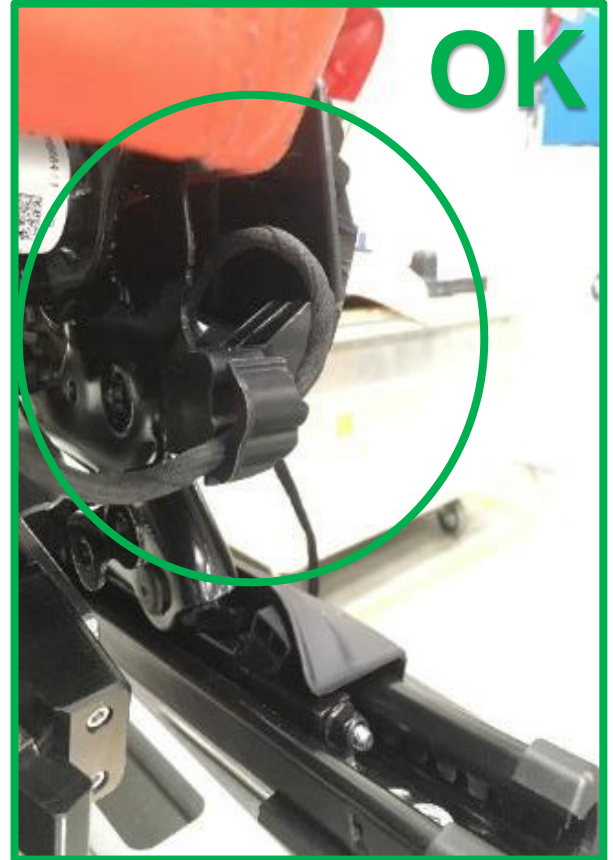
Rework of damaged cable

Mistake – damaged cable

NOK



OK



Rework / Disassembly – Plastic cover - Push pin

1. Disassembly of push pin

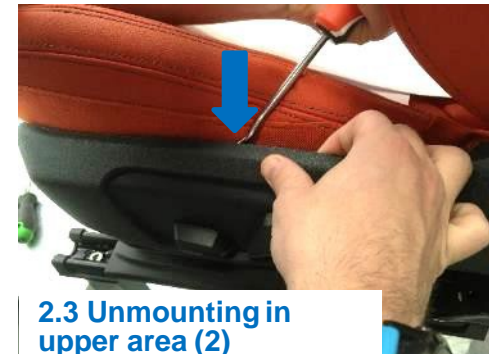
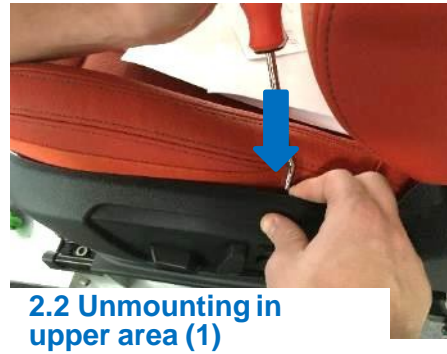


Push pin



Rework / Disassembly – Plastic cover

2. Disassembly of plastic cover



3. Disassembly of adjuster



3.1 Unmounting of upper clip



3.2 Unmounting of clip on bottom



3.3 Disassembly the rear side



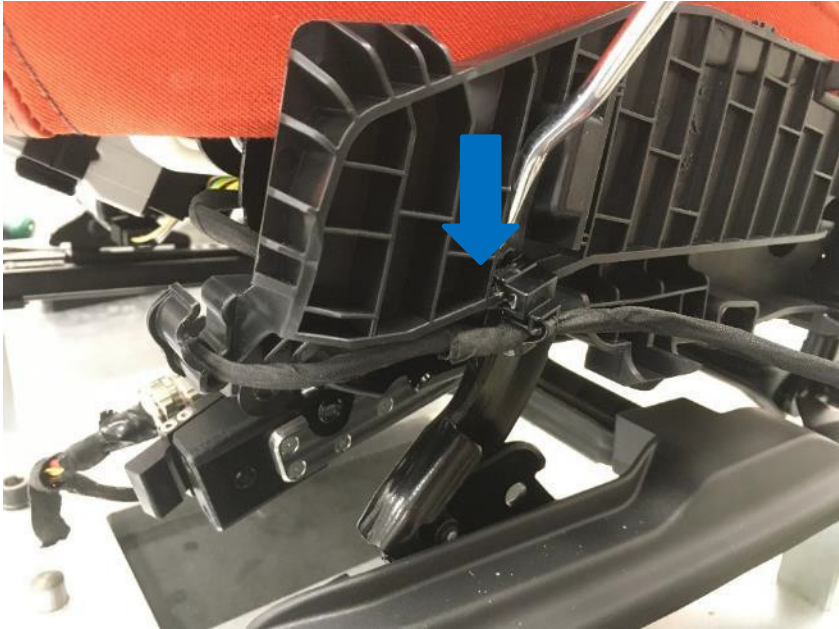
3.4 Disassembly of complete adjuster



3.5 Press and remove cable connector

Rework / Disassembly – Wire harness on cushion

4. Disassembly of cable on cushion



4.1 Disassembly of clip



4.2 Disassembly of cable of the plastic holder

Rework / Disassembly – Wire harness on cushion

5. Remove the cable tie



5.1 Turn over the seat



5.2 Cable tie



5.3 Remove the cable tie



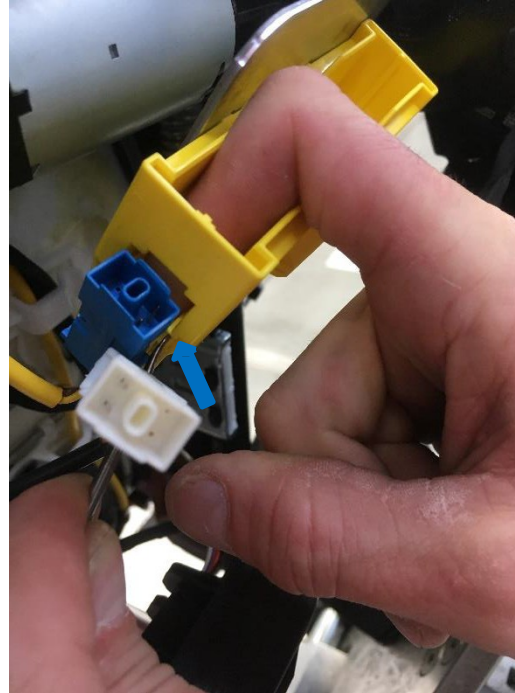
5.4 Condition without cable tie

Rework / Disassembly – Wire harness on cushion

6. Disassembly of each plug from main connector



6.1 Remove plugs – by pushing (1)



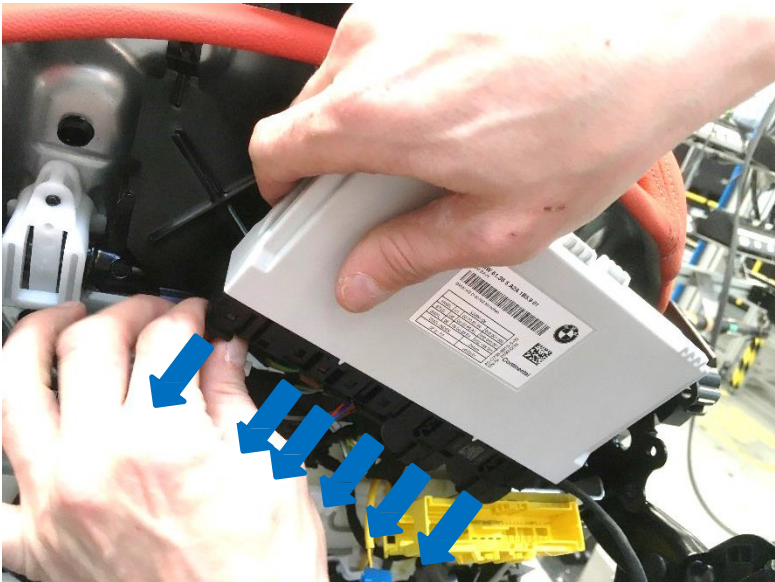
6.2 Remove plugs – by pushing (2)

Rework / Disassembly – Wire harness on cushion

7. Disassembly of memory unit



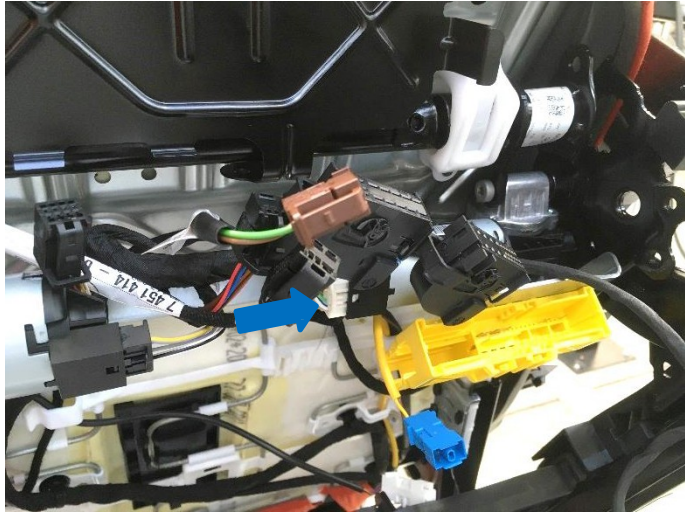
7.1 Disassembly of memory unit



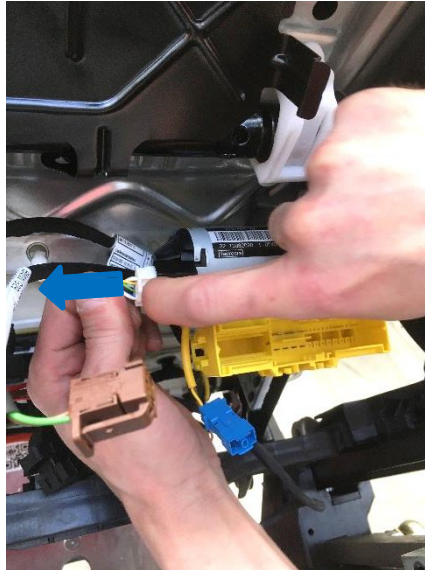
7.2 Disconnect all plugs from memory unit

Rework / Disassembly – Wire harness on cushion

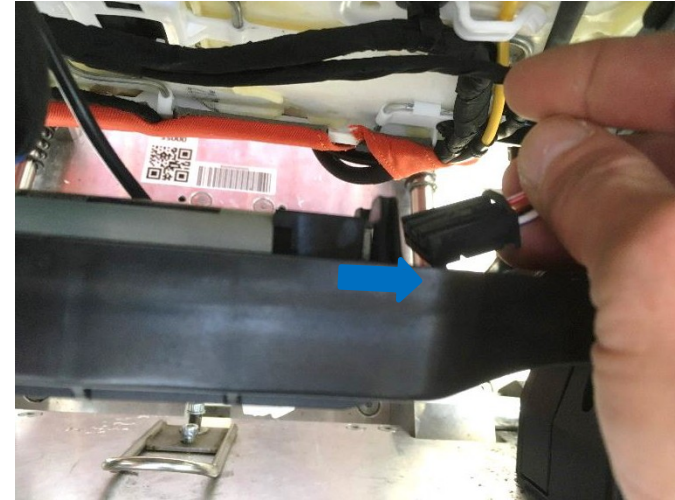
8. Disconnect of motor plugs



8.1 Disconnect the plug from the motor on left side



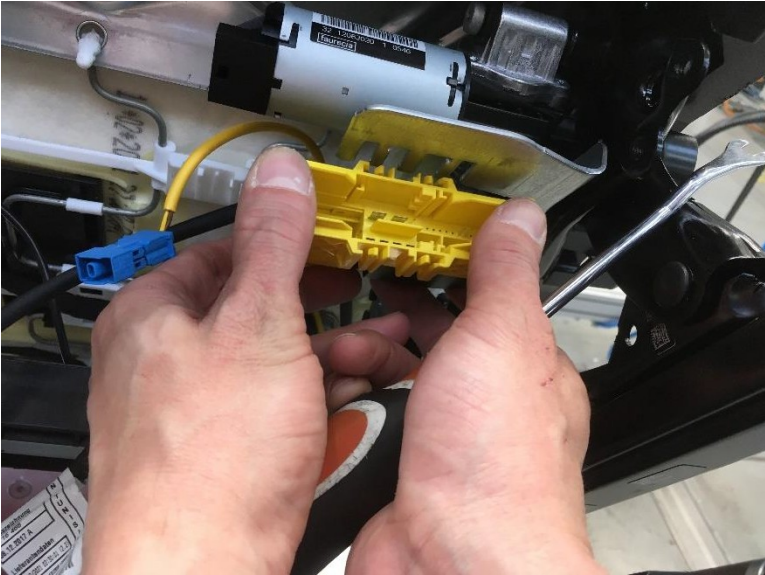
8.2 Disconnect the plug from the motor on right side



8.3 Disconnect the plug from the motor on middle

Rework / Disassembly – Wire harness on cushion

9. Disassembly of central connector



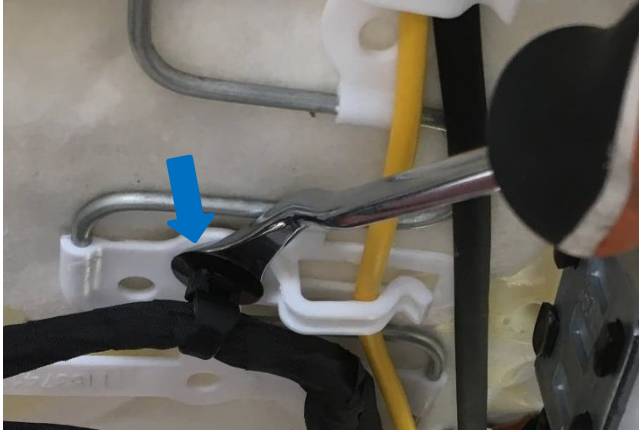
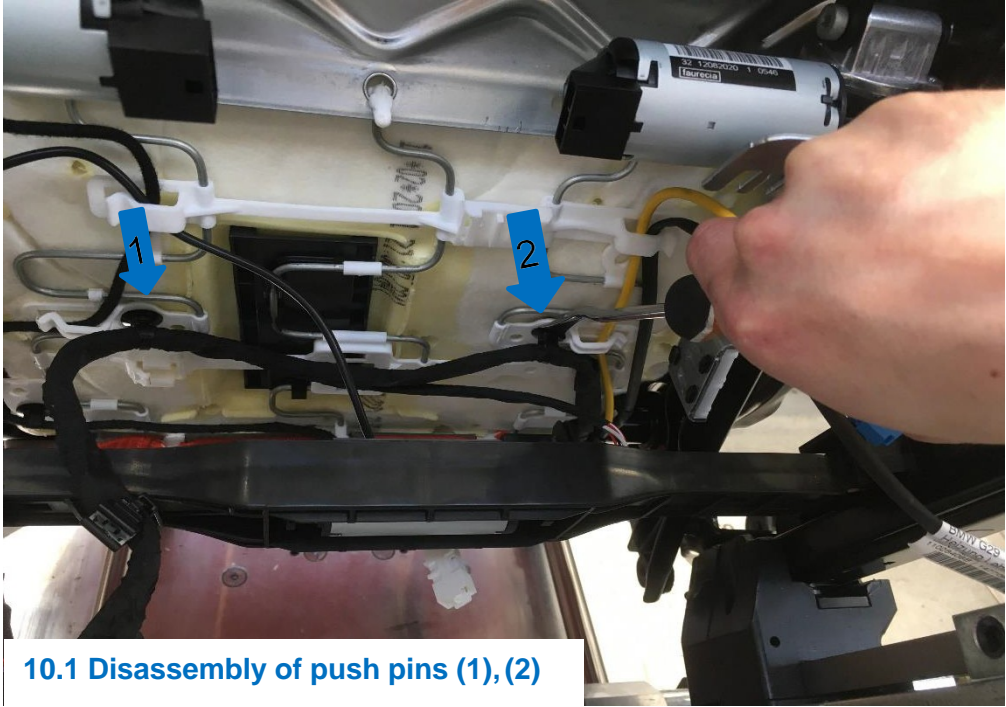
9.1 Disassembly of central connector



9.2 Disassembly of two clips(2x)

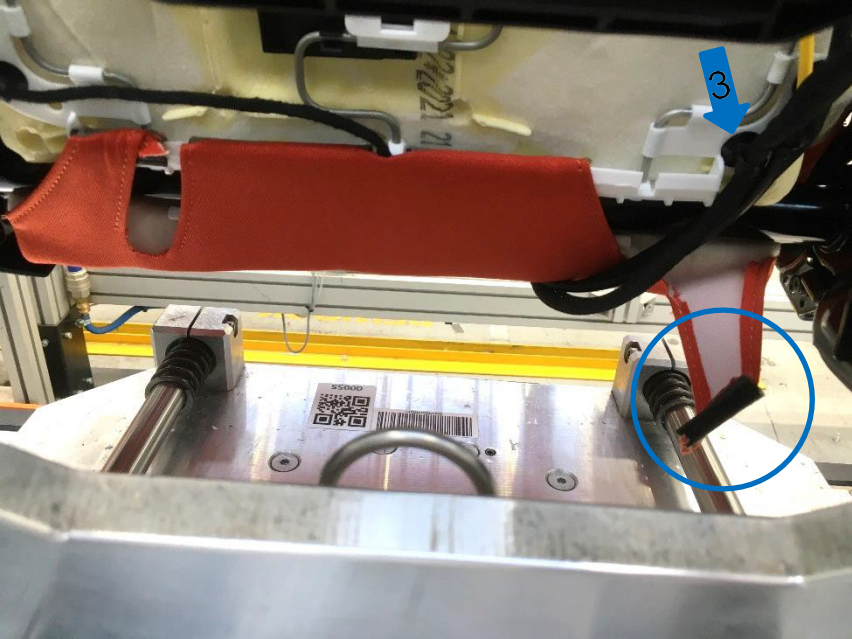
Rework / Disassembly – Wire harness on cushion

10. Disassembly of push pins (1), (2)



Rework / Disassembly – Wire harness on cushion

11. Disassembly of push pin (3)



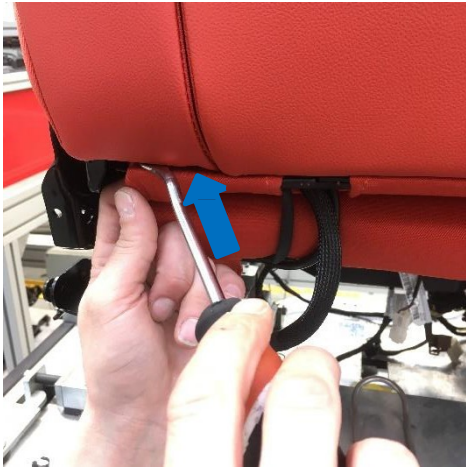
11.1 Disassembly of small retainer from trim cover



11.2 Disassembly of push pin(3)

Rework / Disassembly – Wire harness on backrest

12. Disassembly of retainers on the backrest



12.1 Disassembly of small retainer on the backrest



12.2 Disassembly of big retainer on the backrest

Rework / Disassembly – Wire harness on backrest

13. Open the backrest trim cover



13.1 Take out the end of zipper



13.2 Open the zipper (2x)



13.3 Open the back side

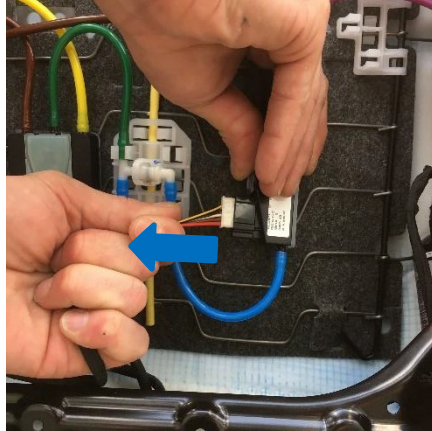
Rework / Disassembly – Wire harness on backrest

14.a Disassembly of cables from the backrest

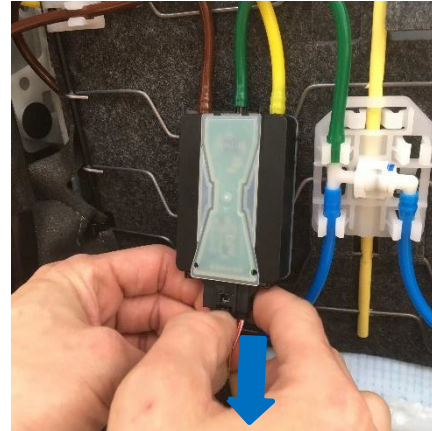
Variant: Cables with LBV + lumbar



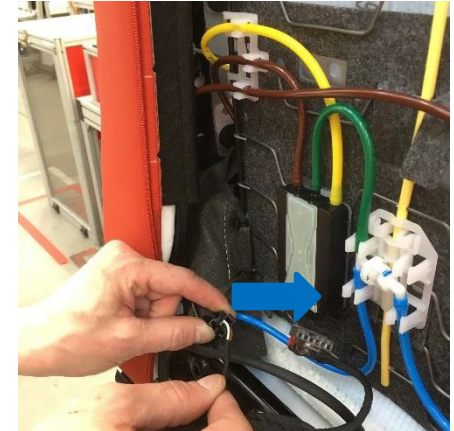
14.1a Disassembly of push pin



14.2a Disconnect the plug from LBV



14.3a Disconnect the plug from lumbar



14.4a Disconnect the plug from pump

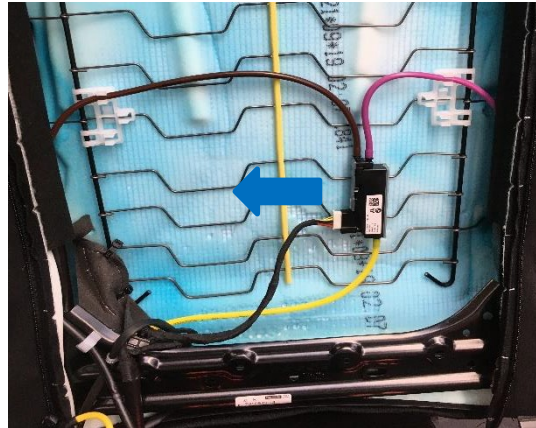
Rework / Disassembly – Wire harness on backrest

14.b Disassembly of cables from the backrest

Variant: Cables with LBV



14.1b Disassembly of push pin



14.2b Disconnect the plug from LBV



14.3b Disconnect the plug from pump

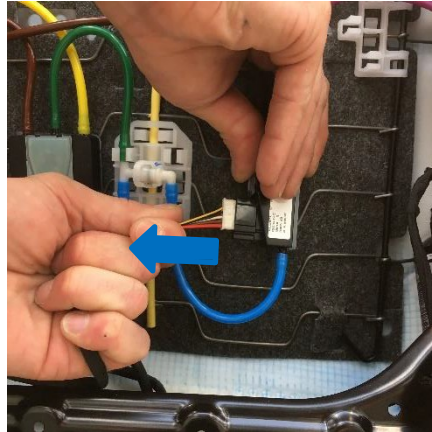
Rework / Disassembly – Wire harness on backrest

14.c Disassembly of cables from the backrest

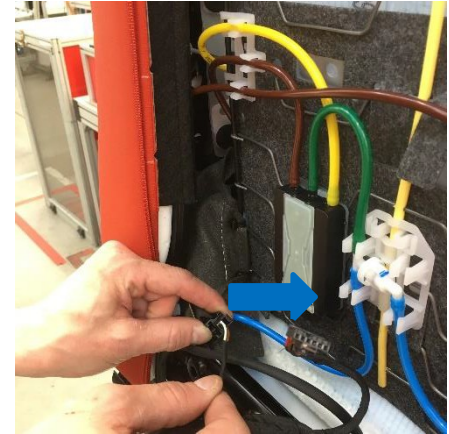
Variant: Cables with lumbar



14.1c Disassembly of push pin



14.2c Disconnect the plug from lumbar



14.3c Disconnect the plug from pump

Rework / Disassembly – Wire harness on backrest

15. Disconnect the plug from motor



15.1 Disassembly of push pin



15.2 Disassembly of plug from motor (Backrest)

Rework / Assembly – Wire harness on backrest

1. Connect the plug to motor



1.1 Connect the plug to motor (Backrest)

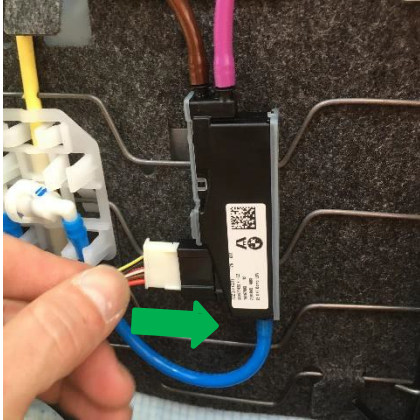


1.2 Assembly the push pin to the structure

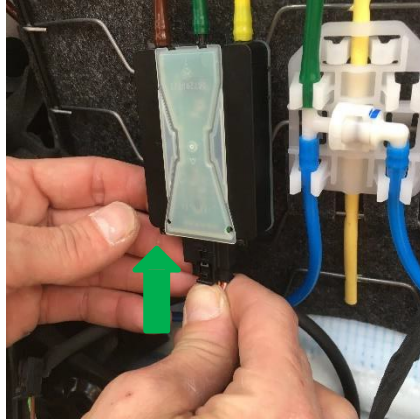
Rework / Assembly – Wire harness on backrest

2.a Assembly of cables to the backrest

Variant: Cables with LBV + lumbar



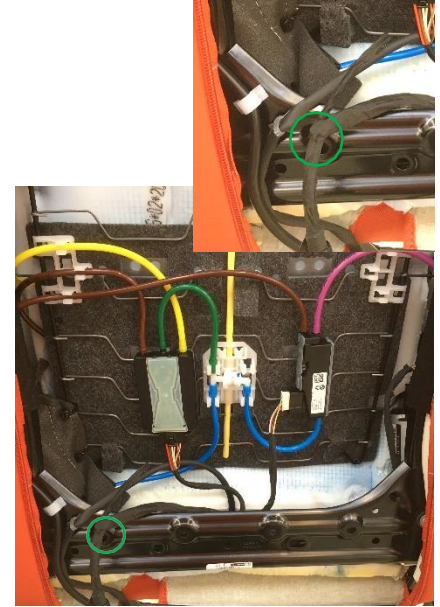
2.1a Connect the plug to the LBV



2.2a Connect the plug to the lumbar



2.3a Connect the plug to the pump

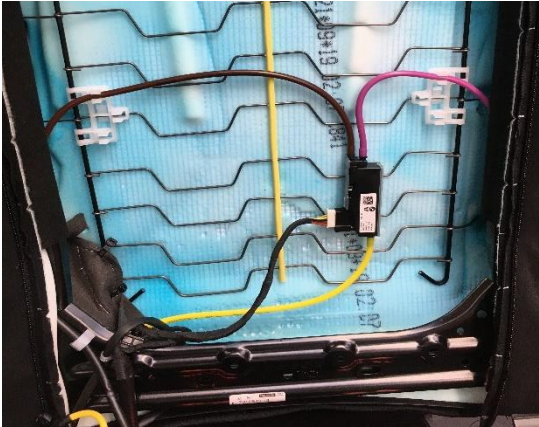


2.4a Assemble the push pin to the structure

Rework / Assembly – Wire harness on backrest

2.b Assembly of cables to the backrest

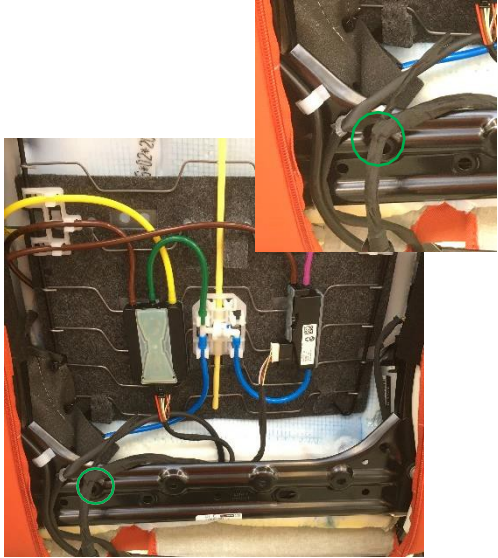
Variant: Cables with LBV



2.1b Connect the plug to the LBV



2.2b Connect the plug to the pump

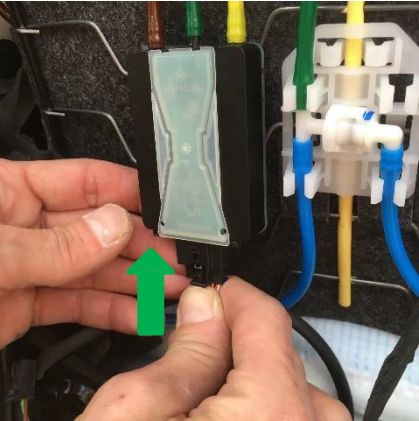


2.3b Assembly the push pin to the structure

Rework / Assembly – Wire harness on backrest

2.c Cabling Backrest plug in

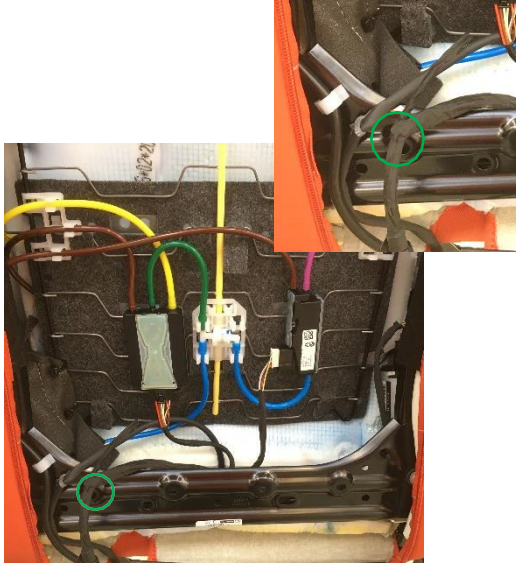
Variant: Cabling with lumbar



2.1c Connect the plug to the lordose



2.2c Connect the plug to the pump



2.3c Assembly the push pin to the structure

Rework / Assembly – Wire harness on backrest

3. Close the backrest trim cover



3.1 Close the zipper (2x)

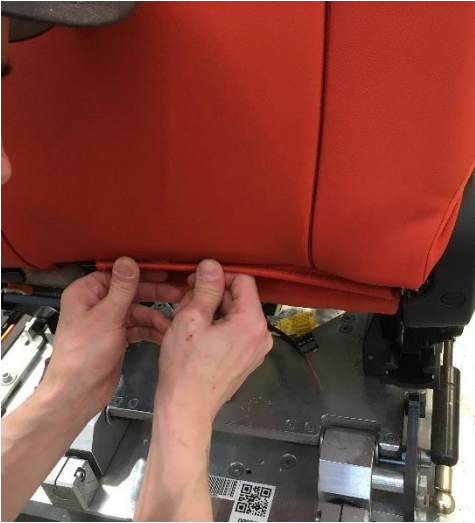


3.2 Hide the end of the zippers under the foam

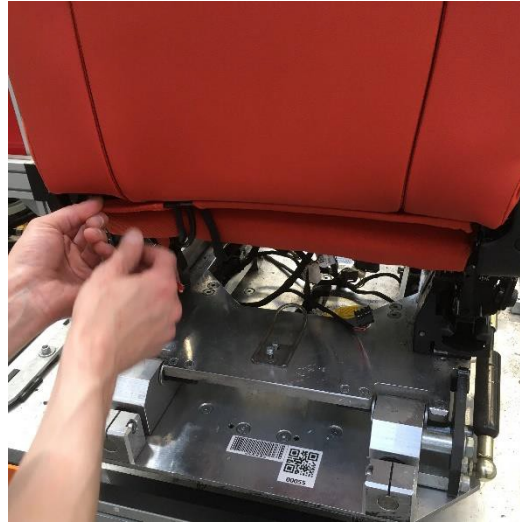


Rework / Assembly – Wire harness on backrest

4. Close the backrest



4.1 Close the big retainer on the backrest



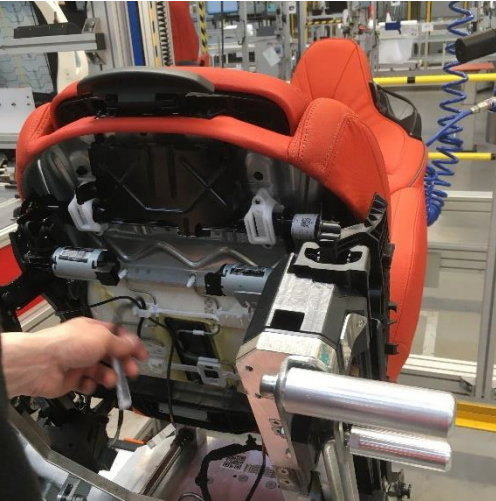
4.2 Close the small retainer on the backrest



4.3 The cables must be routed through the hole in the cover

Rework / Assembly – Wire harness on cushion

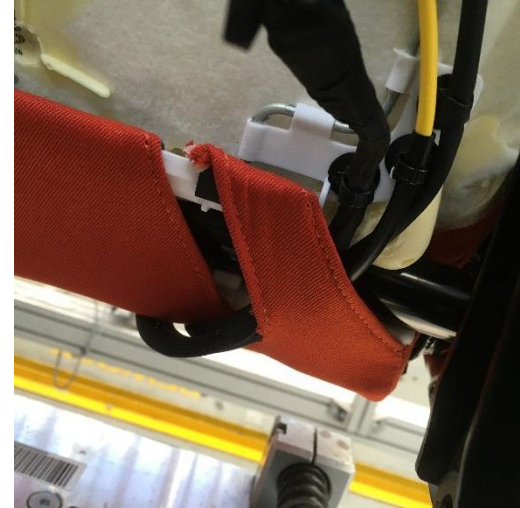
5. Assembly of push pin (3)



5.1 Turn over the seat



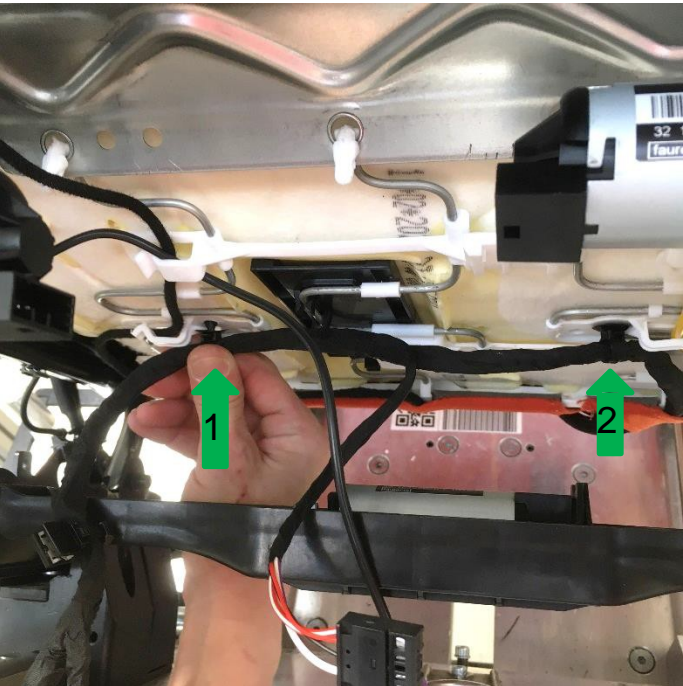
5.2 Assembly the push pin to the structure



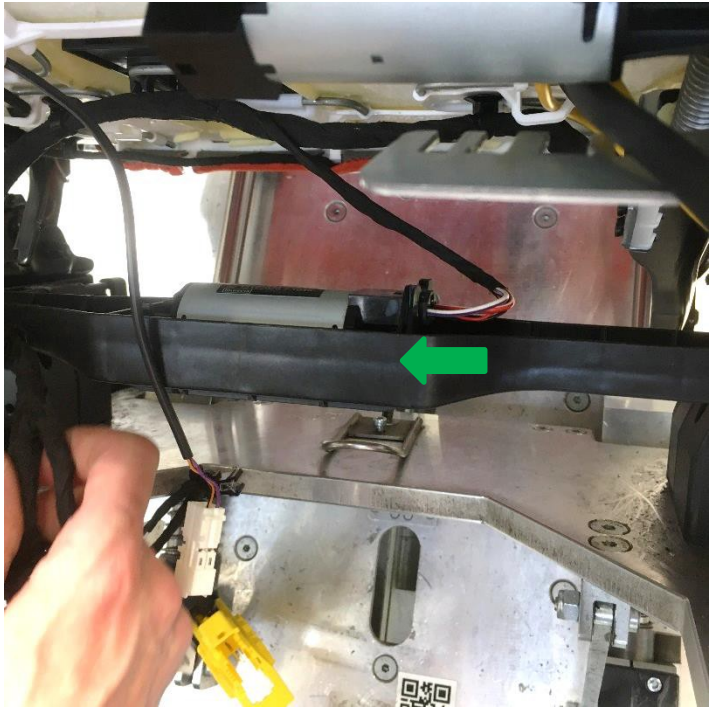
5.3 Mount the small retainer of trim cover to the structure

Rework / Assembly – Wire harness on cushion

6. Assembly of push pins, Connect the motor



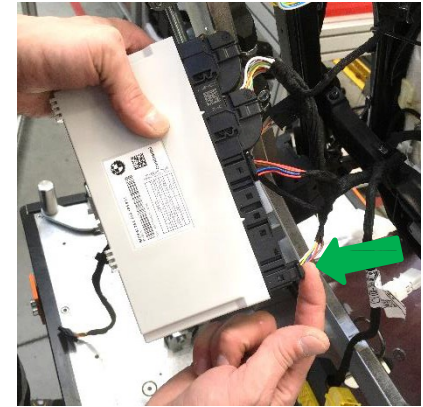
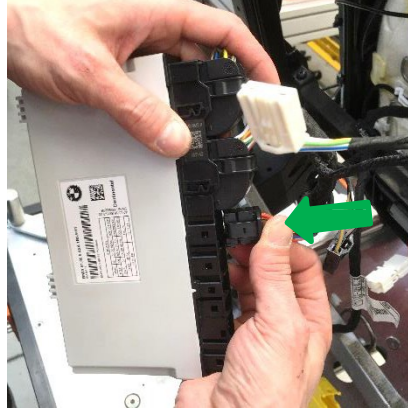
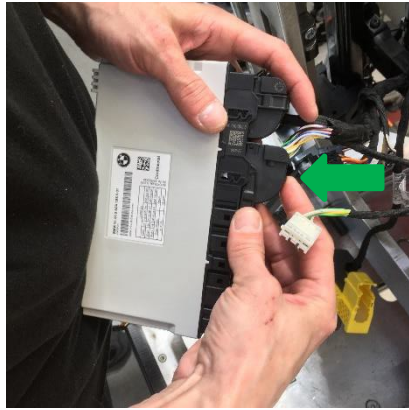
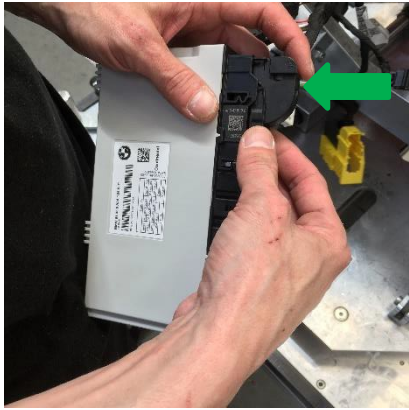
6.1 Assembly of push pins (1), (2)



6.2 Connect the plug to the motor in the middle

Rework / Assembly – Wire harness on cushion

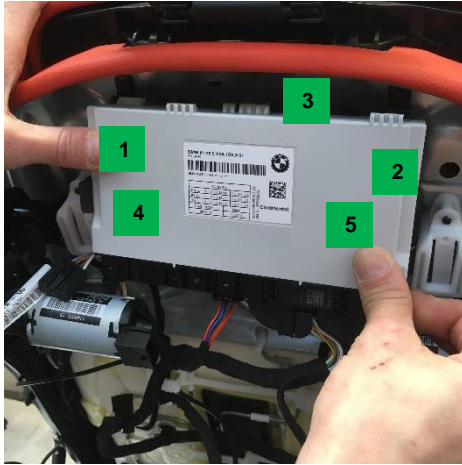
7. Connect the plugs to the memory unit



7.1 Connect all plugs in the memory unit

Rework / Assembly – Wire harness on cushion

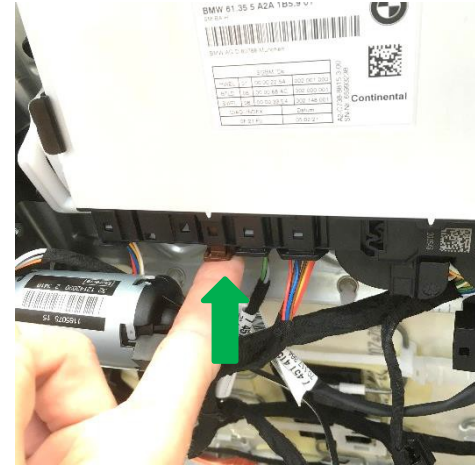
8. Connect the memory unit



8.1 Assembly of memory unit



8.2 Connect SHG cushion plug to the memory unit



8.3 Connect SHG backrest plug to the memory unit

It's necessary to strictly follow the working instruction. Assembly regarding the visualization from point 1 to point 5.

Rework / Assembly – Wire harness on cushion

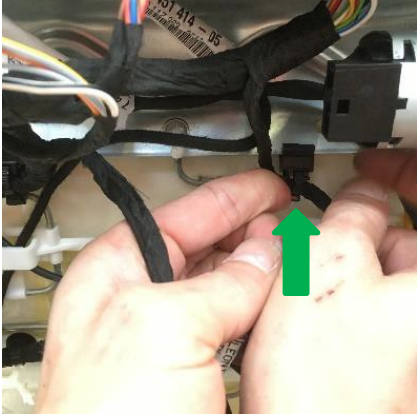
9. Connect the motor plugs



9.1 Assemble the clip on the left side



9.2 Connect plug of motor on the left



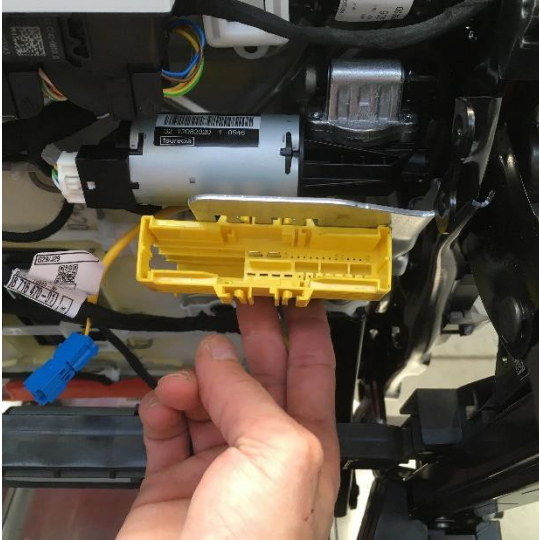
9.3 Assemble the clip on the right side



9.4 Connect plug of motor on the right

Rework / Assembly – Wire harness on cushion

10. Assembly of each plug to the main connector



10.1 Assembly of main connector



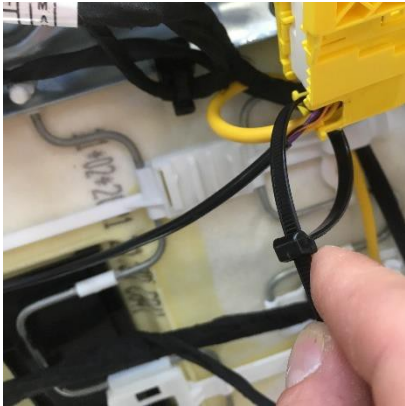
10.2 Mount the airbag plug to the central plug



10.3 Mount buckle plug to the central plug

Rework / Assembly – Wire harness on cushion

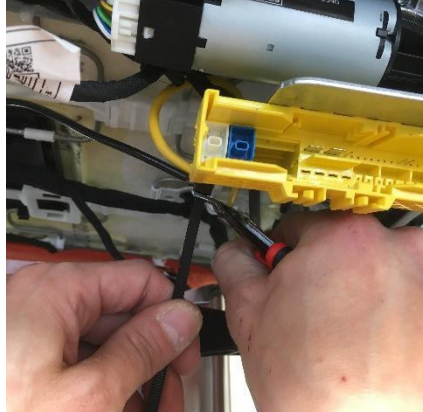
11. Assembly of cable tie



11.1 Take on cable tie



11.2 Fix cable ties



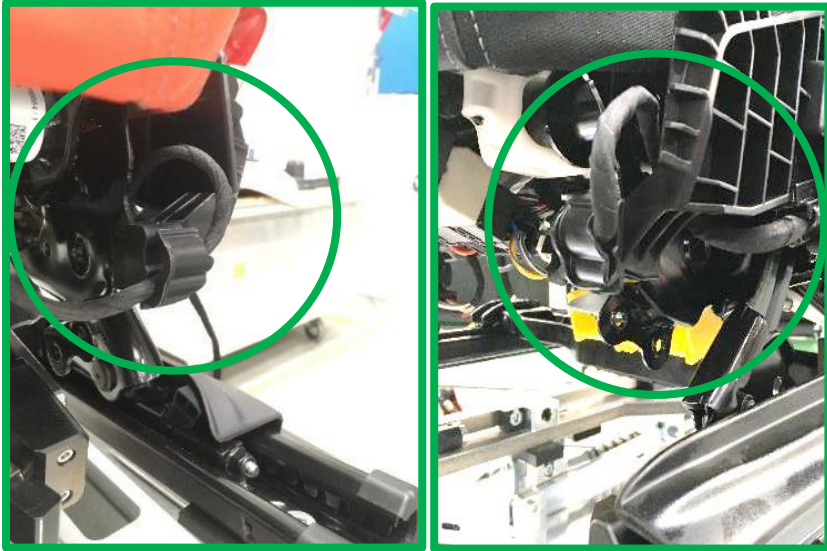
11.3 Cut end of cable ties



11.4 Turn cable tie in the downward direction

Rework / Assembly – Wire harness on cushion

12. Cable of adjuster – correct assembly



12.1 OK cable routing



12.2 Assembly with clip and cable guide

Rework / Assembly – Adjuster

13. Assembly of adjuster



13.1 Assembly the adjuster on all clips – correct assembly -> click noise



13.2 Connect the plug to the adjuster

Rework / Assembly – Plastic cover

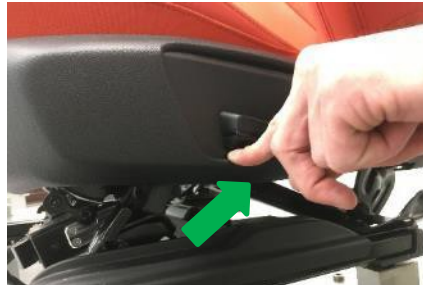
14. Assembly of plastic cover



14.1 Mount the plastic cover from front



14.2 Assembly of plastic cover: two upper clips



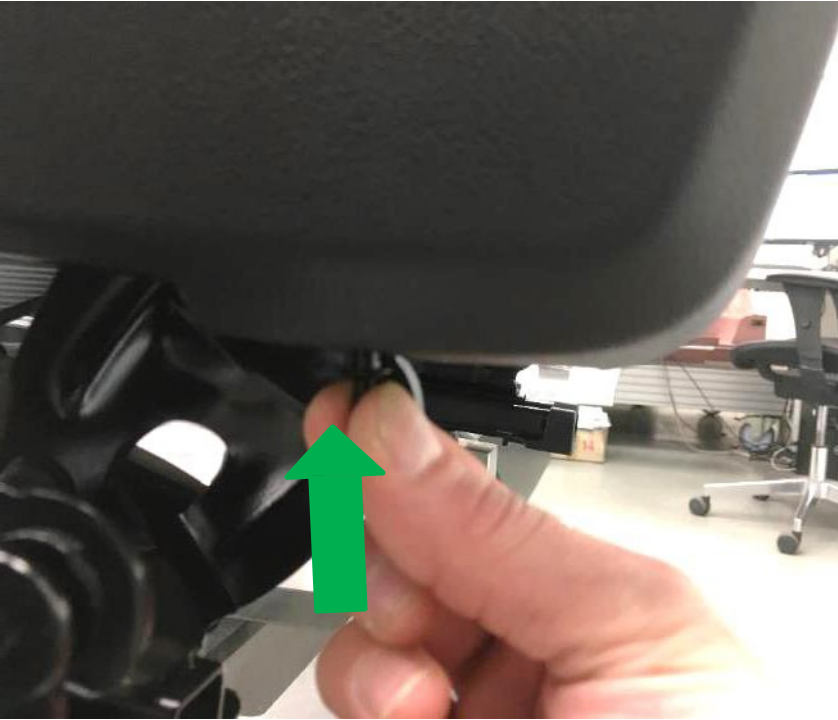
14.3 Assembly of plastic cover : on bottom



14.4 Assembly of pushpin – on next slide

Rework / Assembly – Plastic cover - Pushpin

15. Assembly of push pin



Push pin

