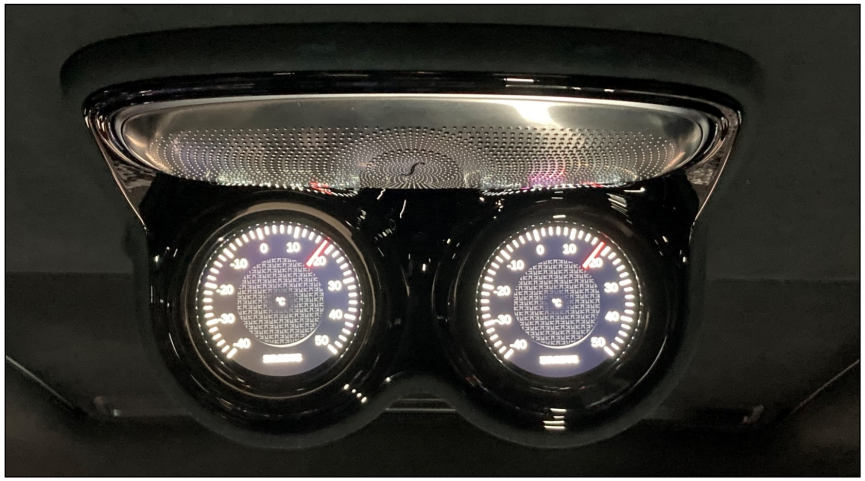
BRABUS Additional dash Panel for W465
Partnumber 465-825-00

BRABUS

Installation Manual



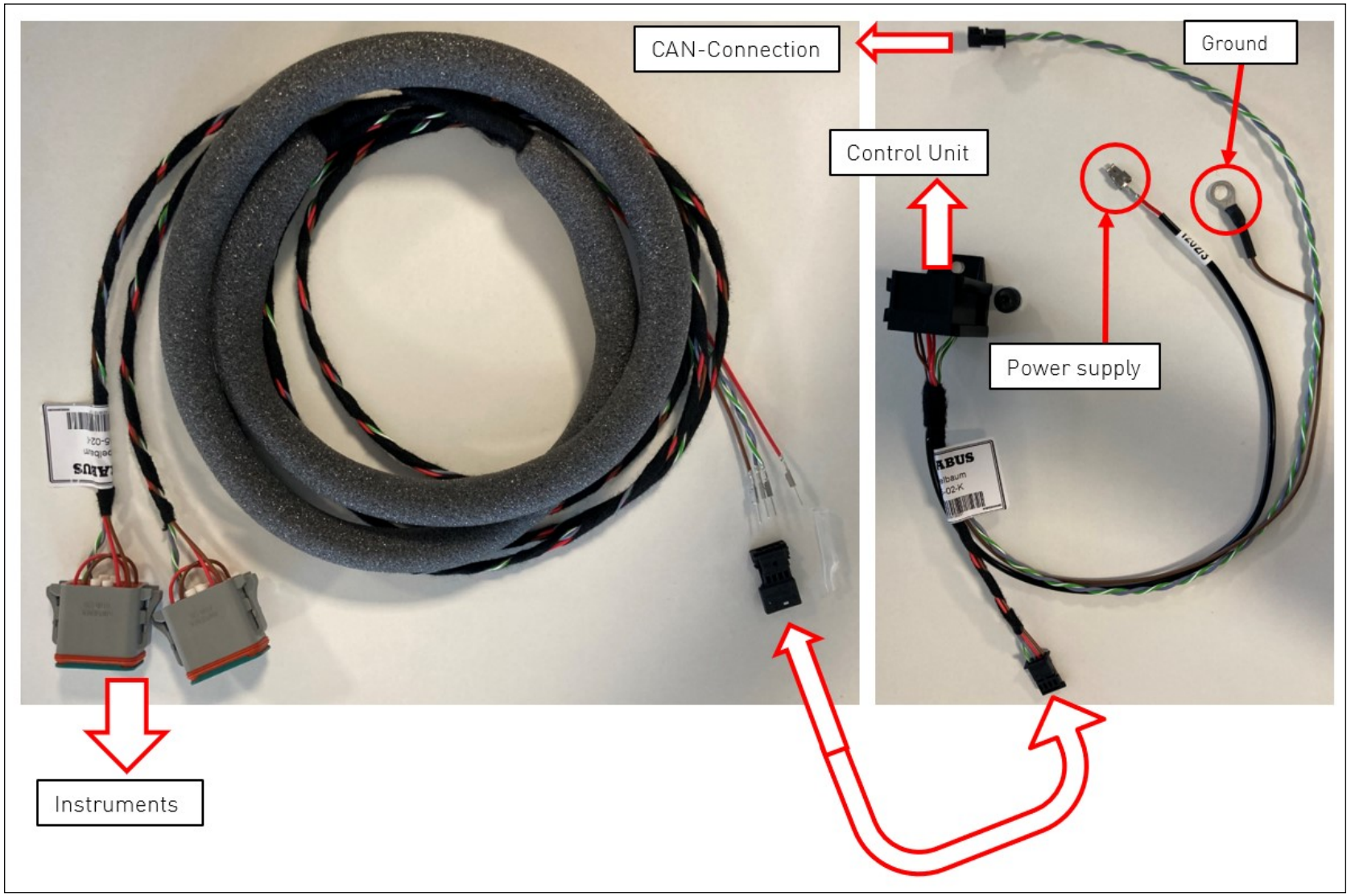
The product described in the instructions was developed, produced and checked considering the necessary safety requirements.
In order to ensure a proper and safe function and to rule out danger for persons and objects, this product must be installed appropriately.
Only trained, qualified staff, having the necessary technical experience and tools, should perform the installation.
Therefore you have to read and completely understand these instructions.
Before you start please check the content of the supplied parts as detailed below.

Shipment BRABUS:

1x Paneling	465-825-001
1x Tube and Loudspeaker-insert	465-825-002
1x Mounting plate	465-825-003
2x Instrumenten holder	465-825-004
2x bracket additional dash panel	464-824-901-01
1x Wiring harness	465-355-02-K
1x Control unit	464-355-00
2x Display with Software	465-825-10
1x Cutting template for headliner (Paper)	465-825-005
1x Drilling template for cross beam	465-825-006
6x self-locking screw nut M5	WU03719845
6x sheet metal nut Typ 6 M5	WU050053525
6x screw M5x12	WU06001512
4x screw M4x8	WU00600148
6x clip VZ FL Pass	33075210
4x screw M4x10 TX	4234410

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Electrical Connection:



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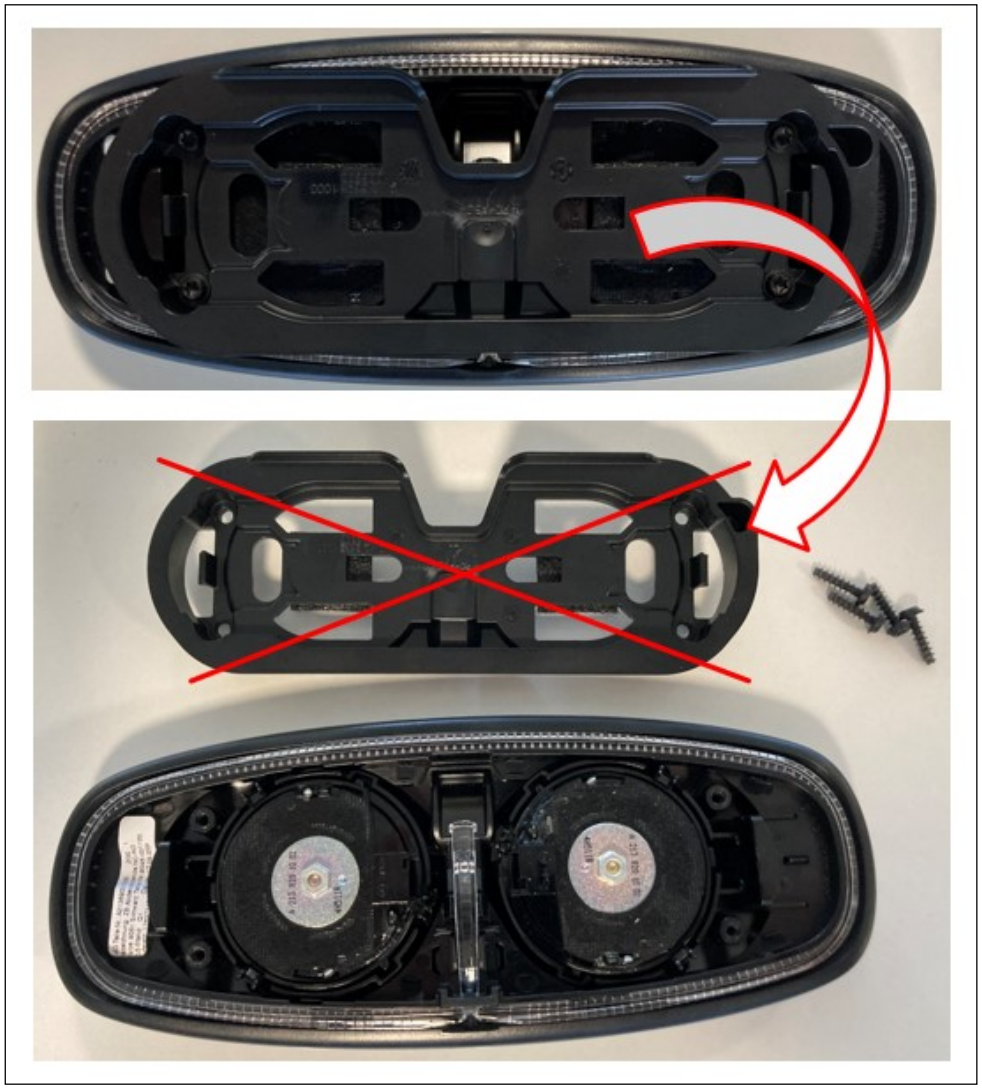
Preparatory steps:

- Carry out the disassembly/assembly of standard components in accordance with the Mercedes-Benz workshop information system.
- Remove the front left and rear left plastic door sill panels and the panel on the left-hand B-pillar.
- Remove the left-hand panel under the dashboard in the driver's footwell and the carpet in this area.
- Remove the loudspeaker in the roof panel.



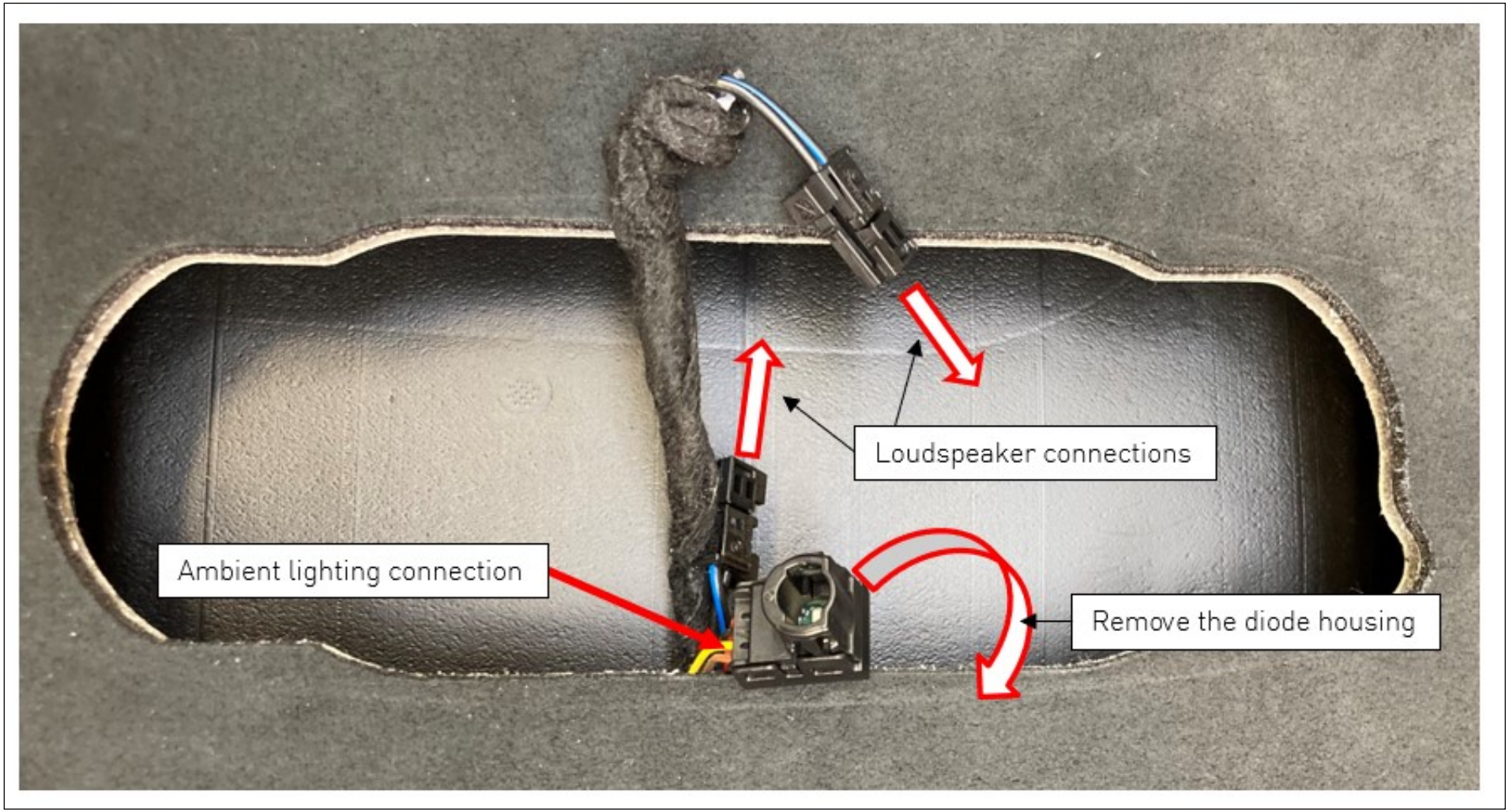
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- Remove the mounting plate from the loudspeaker; it is no longer required for installation.



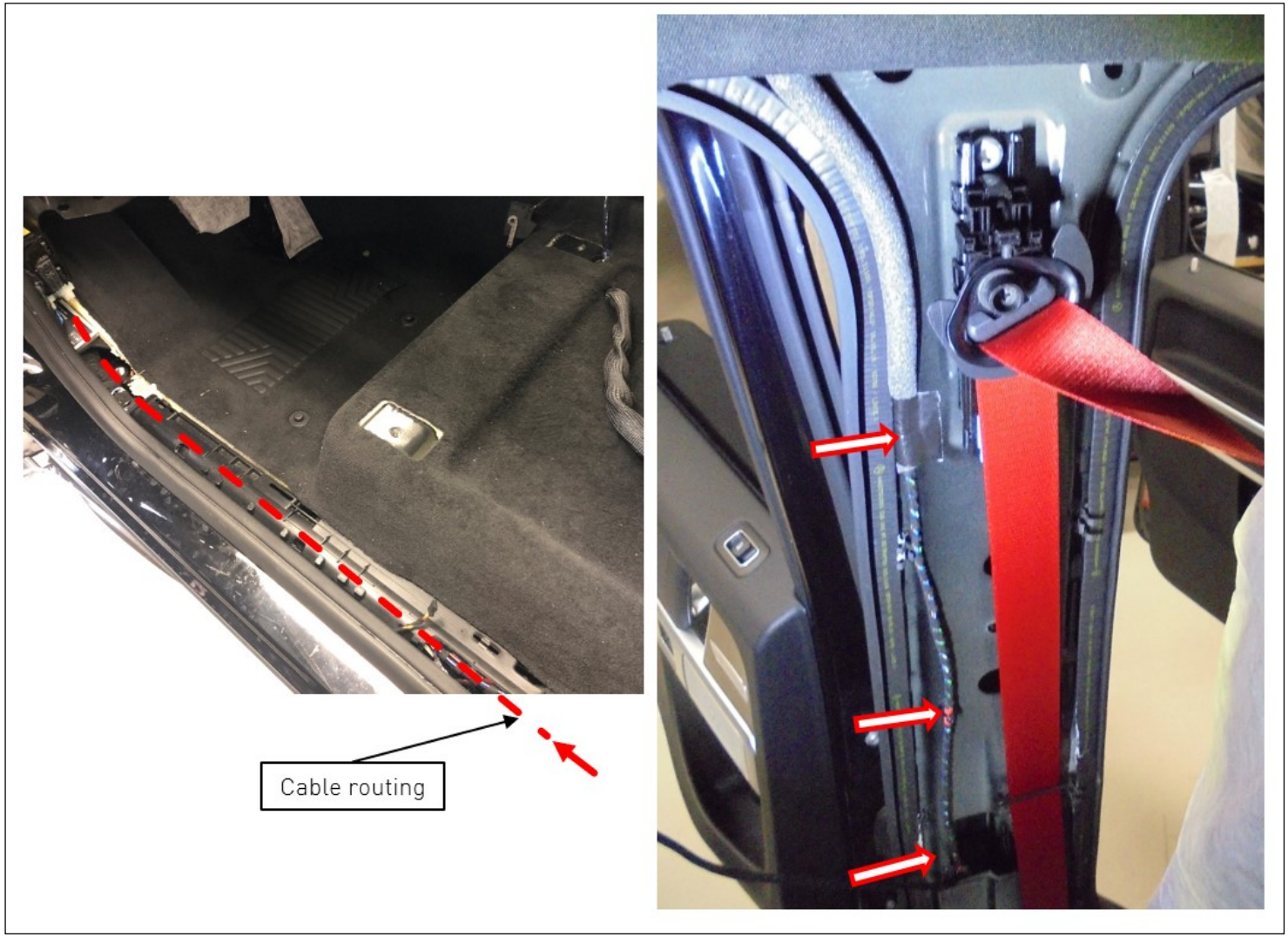
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- Remove the housing of the diode/ambient lighting.
- Now cover the diode with heat-shrink tubing so that no more light beam is visible.
- This contact is not reconnected.
- Secure the cable with a cable tie.



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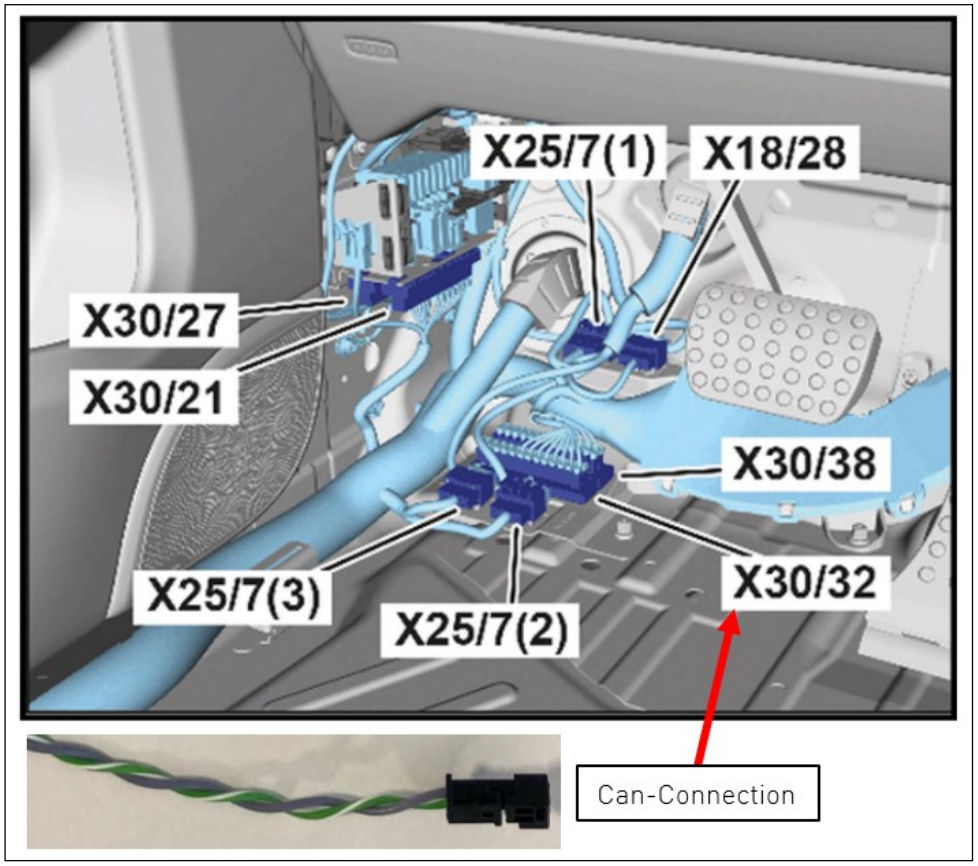
- Now route the wiring harness (465-355-02-K) starting from the cut-out in the ceiling panel, along the cross member, the B-pillar and the driver's side door sill into the footwell. Attach the wiring harness to the B-pillar at the marked points.



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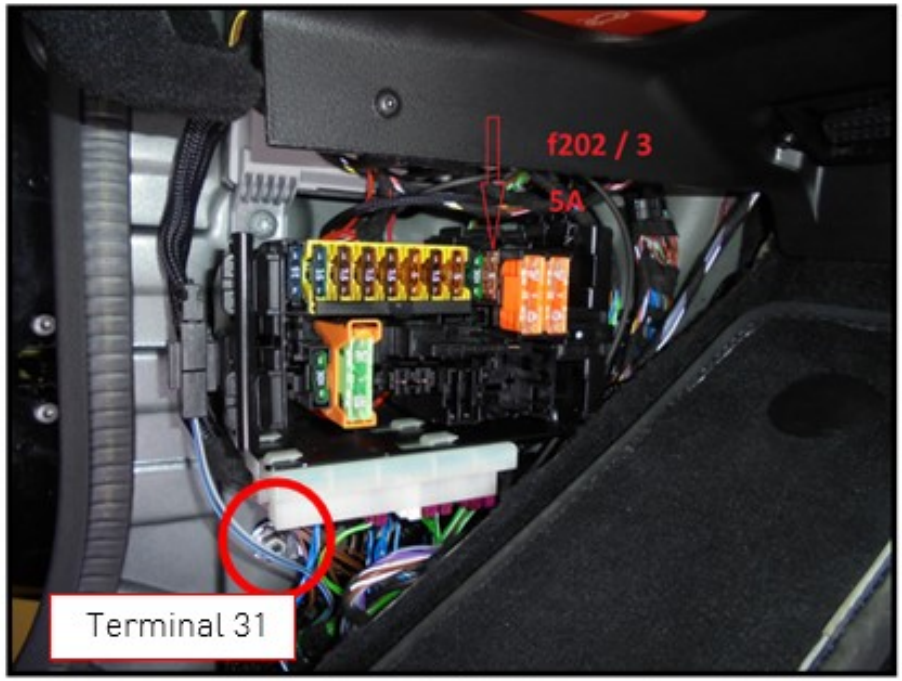
- The wiring harness is integrated into the existing vehicle electronics. For this purpose, the connections are shown according to the designation in the following figures.

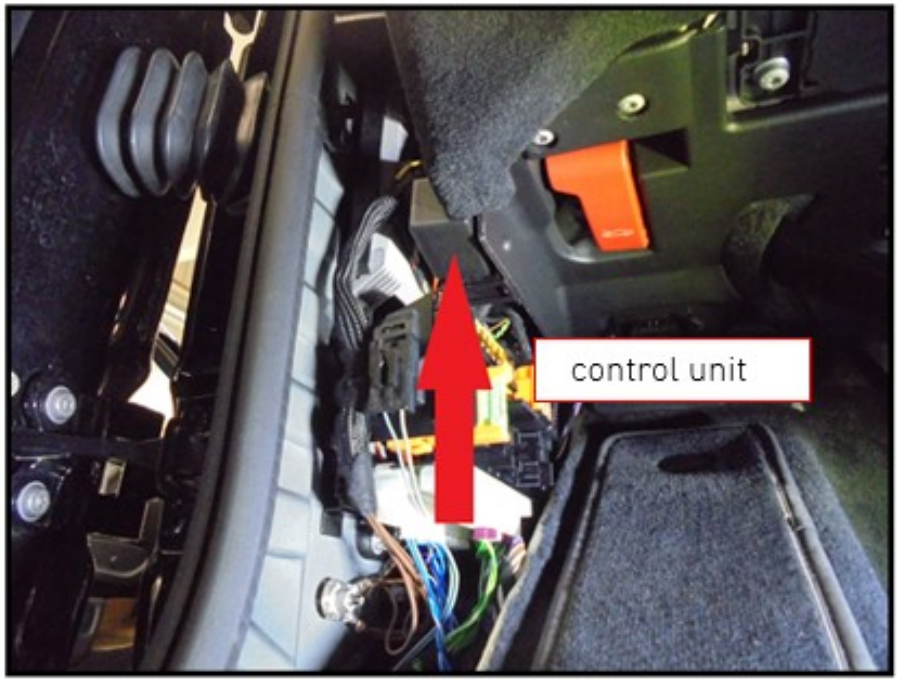
- Connection to the CAN distributor strips X30/32 is made possible by partially dismantling or lifting the carpet in this area.



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- The cable of the wiring harness is plugged into the free slot f202/3 and fitted with a 5A fuse.
- Terminal 31 is connected via the nearby earth point.
- The small control unit with corresponding base is fixed behind the cladding.

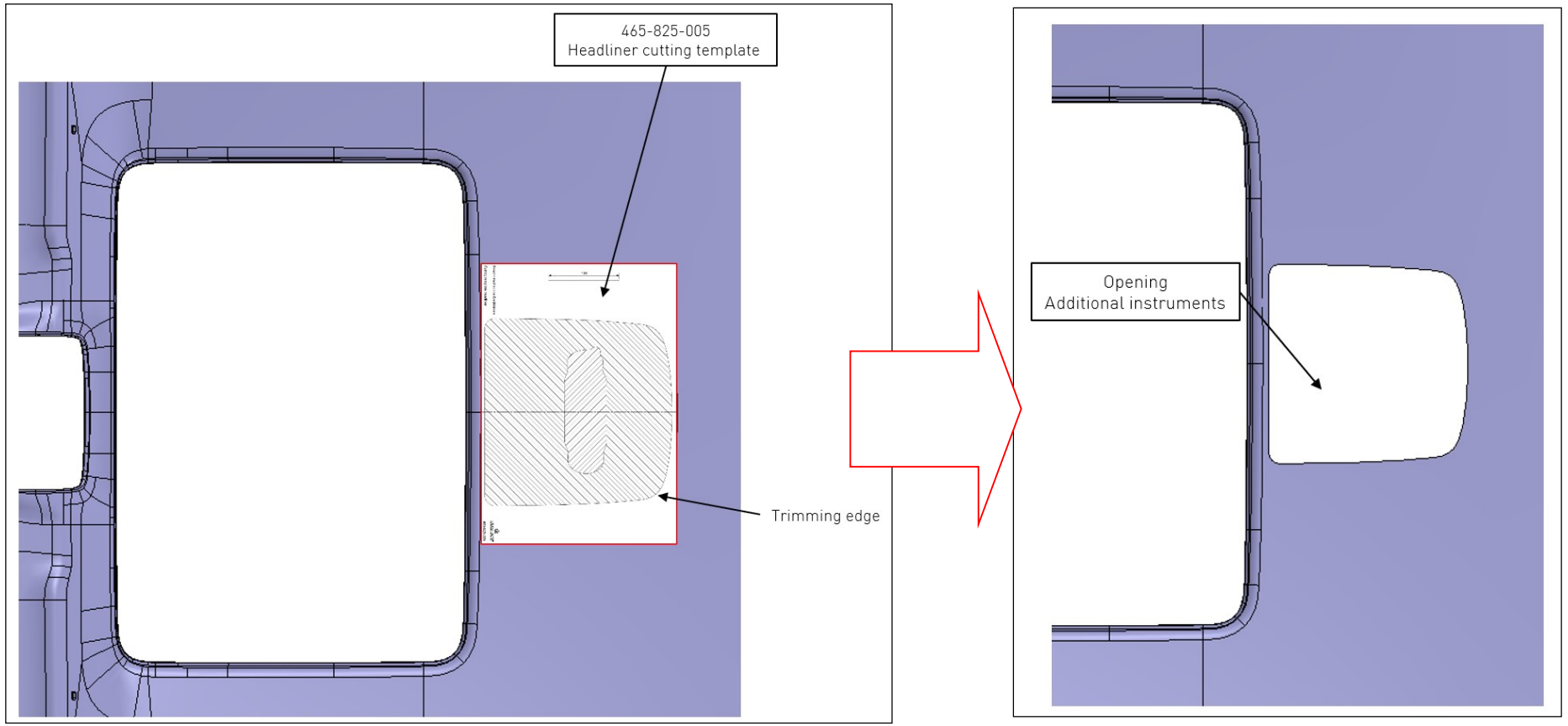




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- A cut-out must be made in the ceiling cladding to mount the additional instruments. Use the enclosed template for trimming (465-825-005).

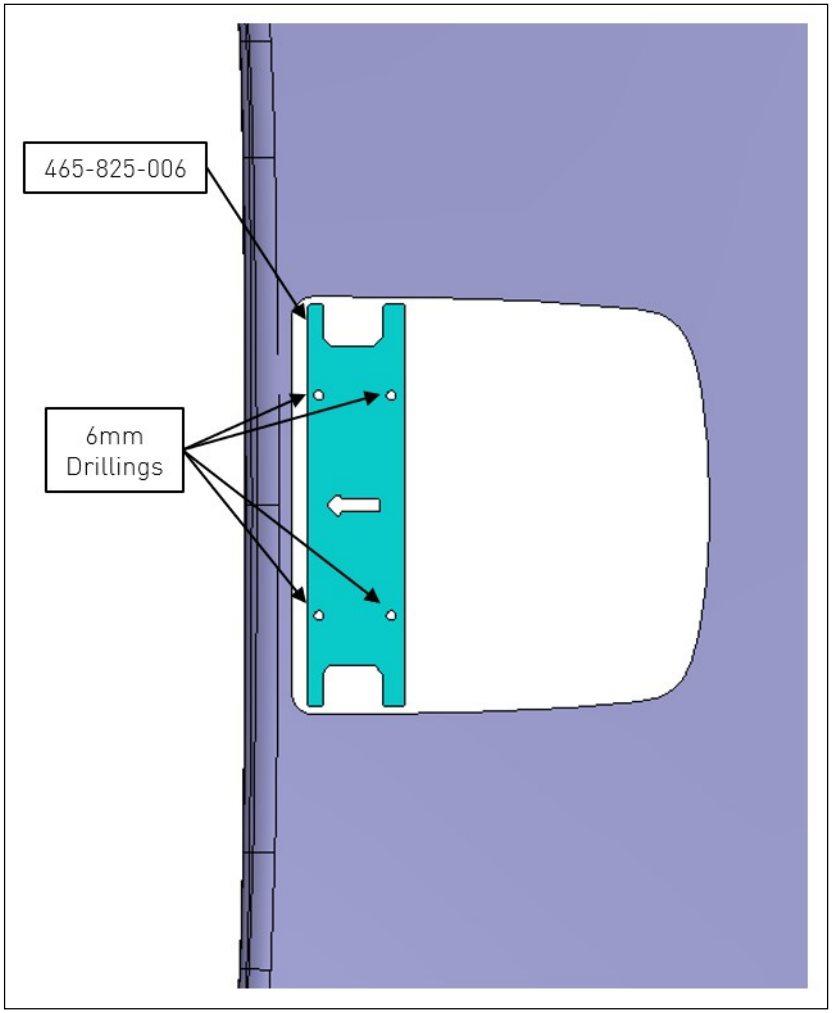
  Attention: Before trimming, disconnect the original speaker cables that are attached to the inside of the roof panel to avoid damaging the cables.
- Align the template with the contour of the speaker cut-out and secure it with adhesive tape.
- Ensure that the template is correctly aligned and that the sunroof and its panel are in the closed position. Cut out the hatched area of the template from the ceiling cladding using a sharp blade.



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- Attach the template (465-825-006) for the drilling pattern to the now visible cross member. Note the arrow for the direction of travel.

Drill the four through-holes with great care and ensure that you do not plunge the drill bit too far through the cross member to prevent damage to the roof cladding.



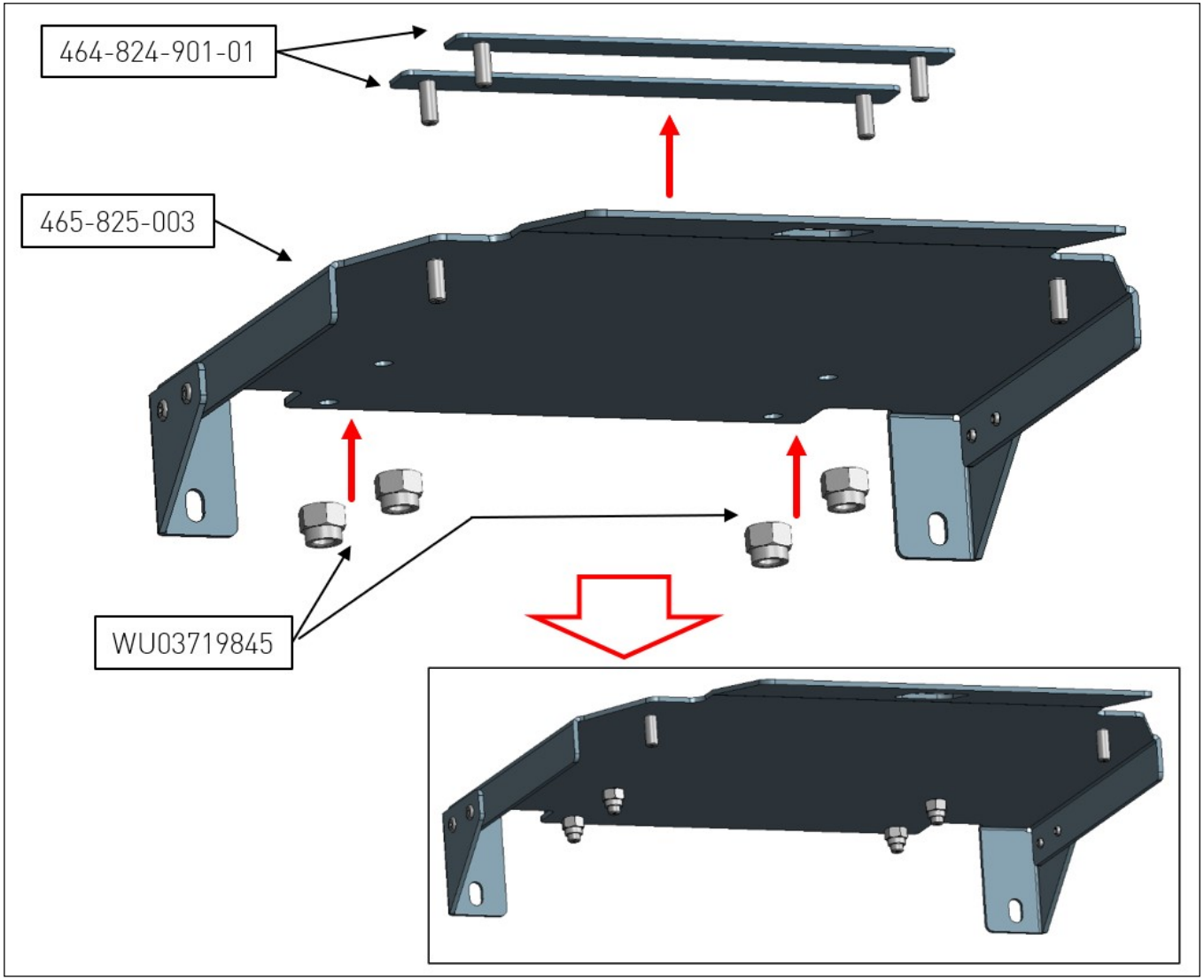
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- Remove the drilling template and thread the two retaining plates (464-824-901-01) from the top of the cross member so that the threaded bolts point towards the interior.



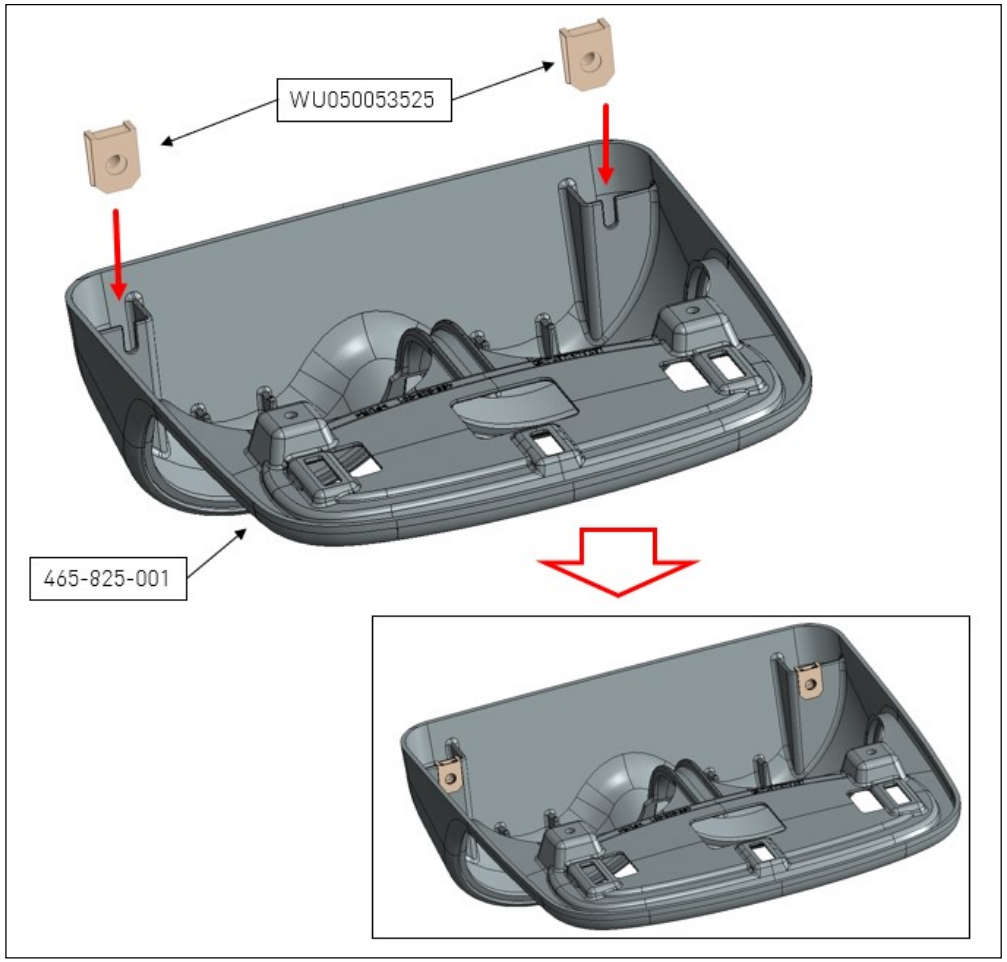
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- Mount the screw-on plate (465-825-003) using the enclosed self-locking nuts (WU3719845) and the inserted retaining plates. (464-824-901-01)



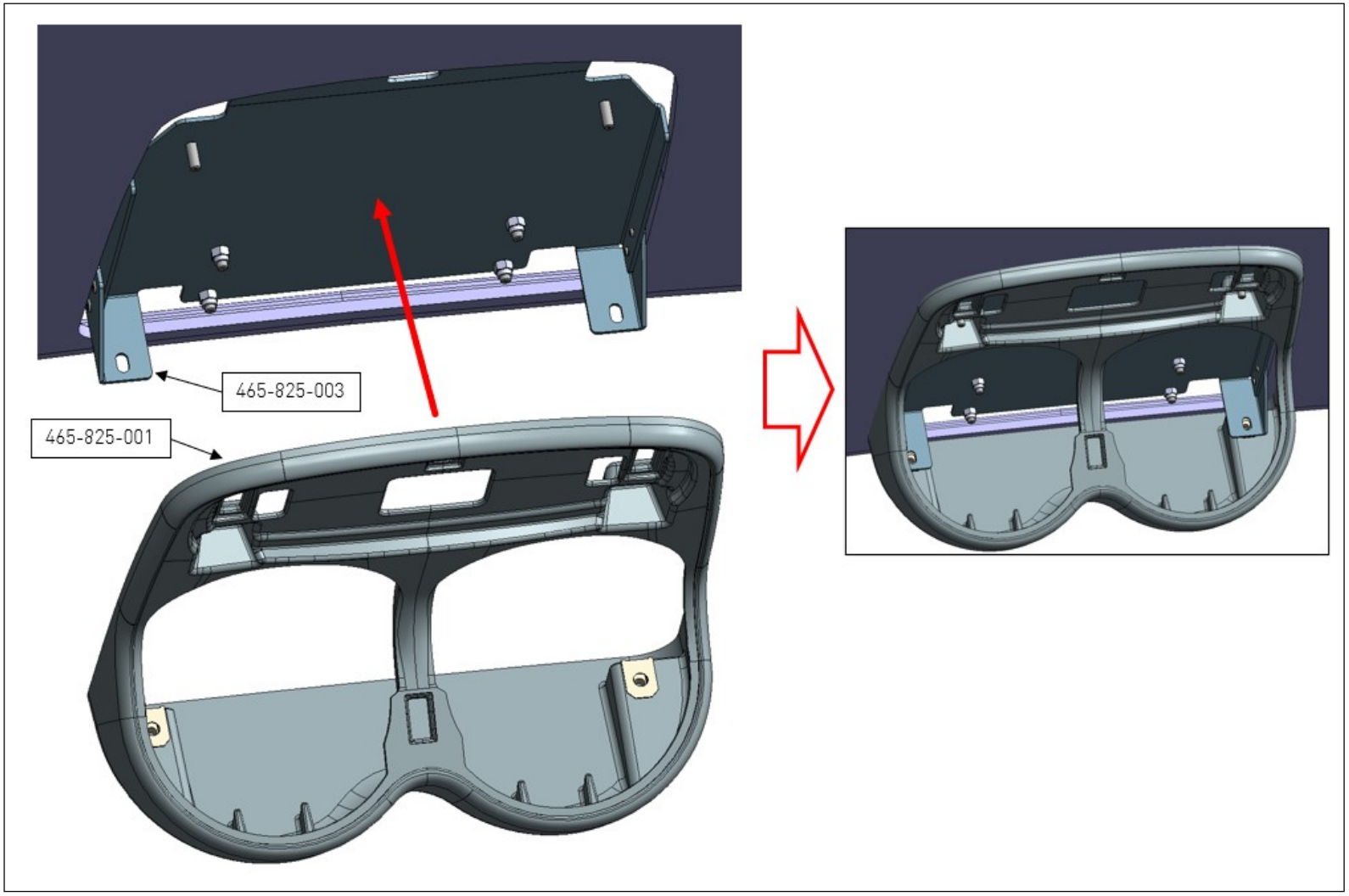
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- Insert the two M5 sheet metal nuts (WU050053525) into the roof instrument panel (465-825-001).



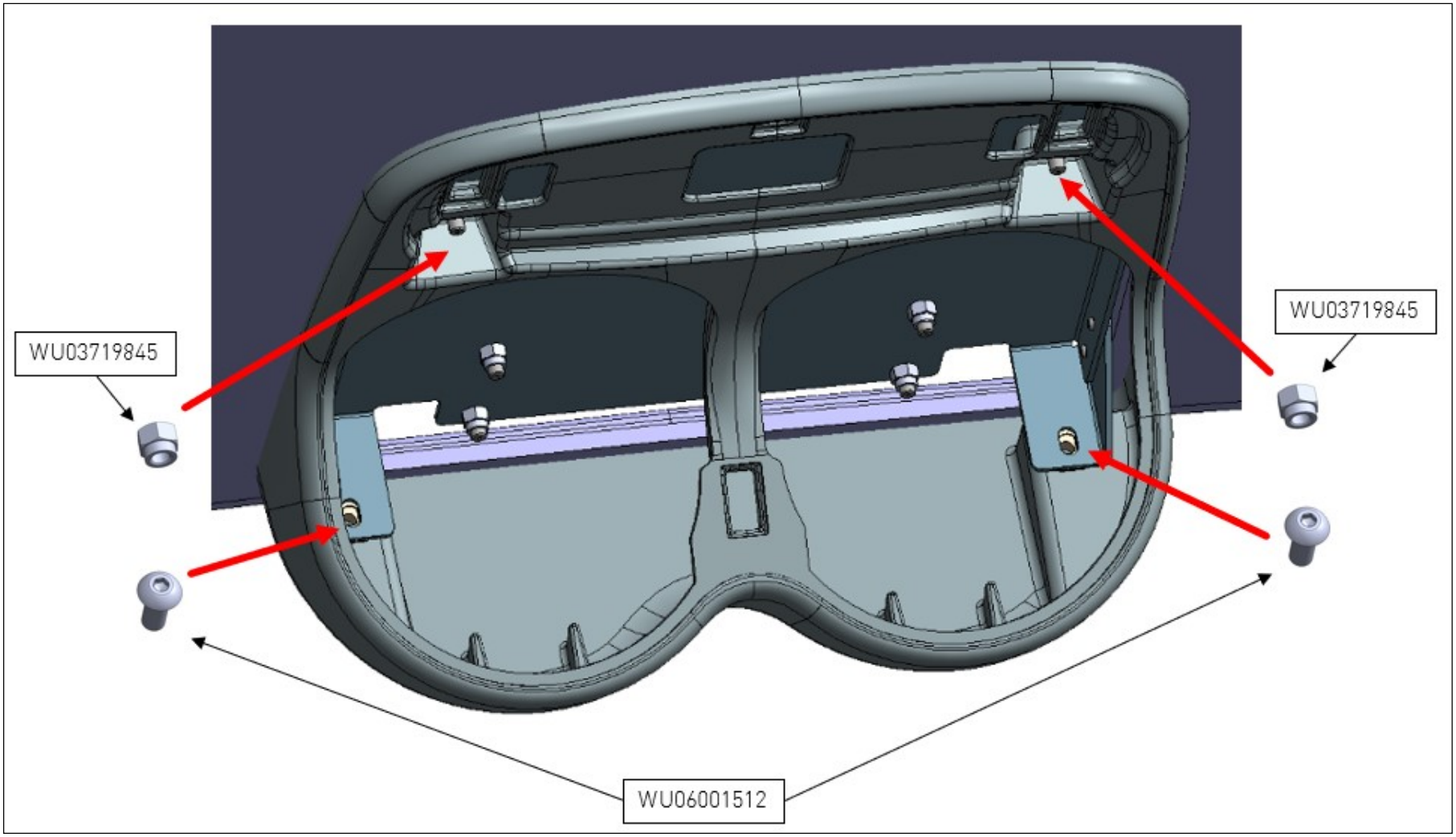
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- Please ensure that the cables for the additional instruments are not crushed and are routed out through the respective openings.
- Now place the cladding on the screw-on plate.



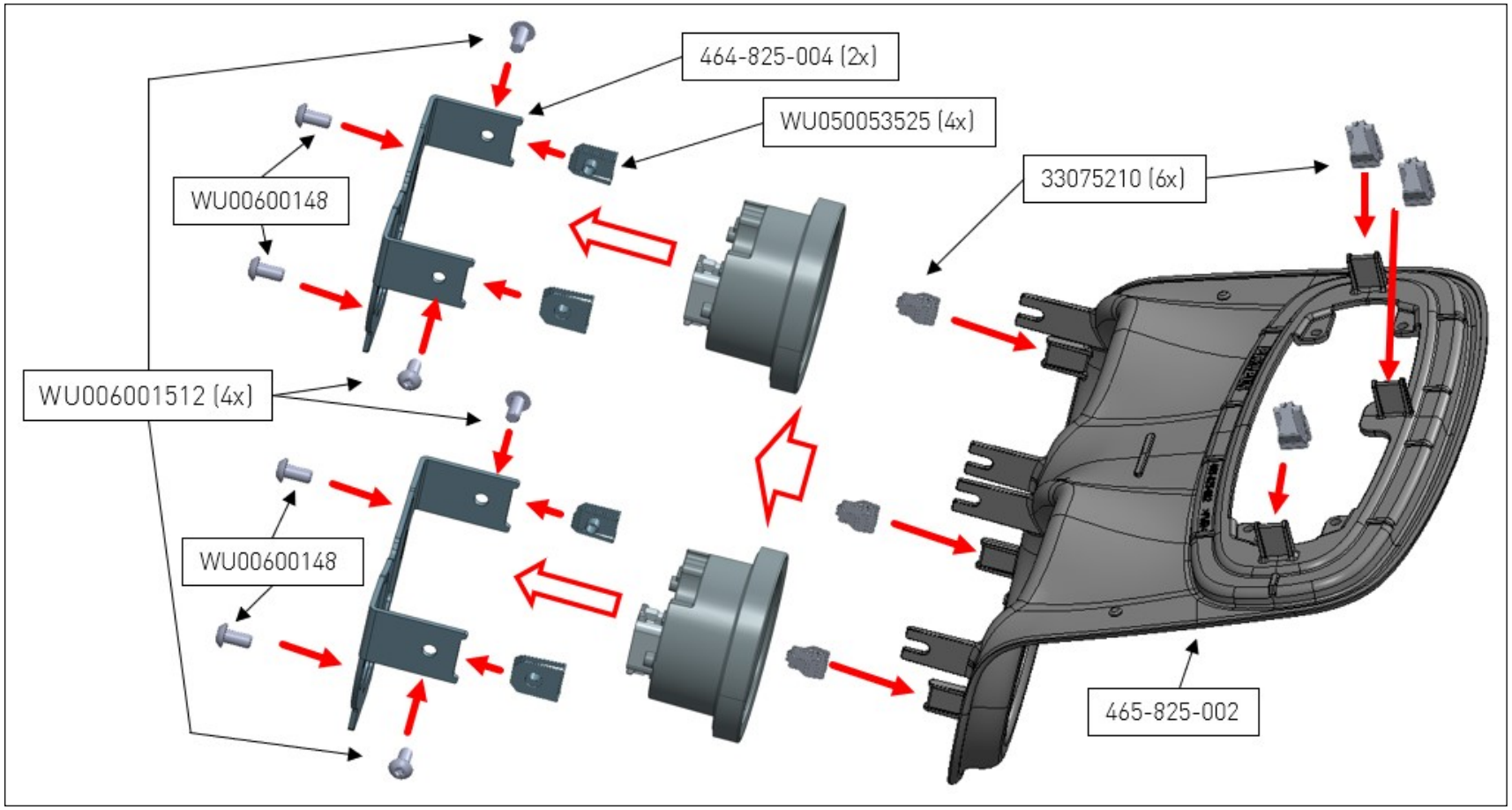
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- Now attach the cladding to the screw-on plate using two screws (WU06001512) on the front and two nuts (WU3719845) on the screw bosses.



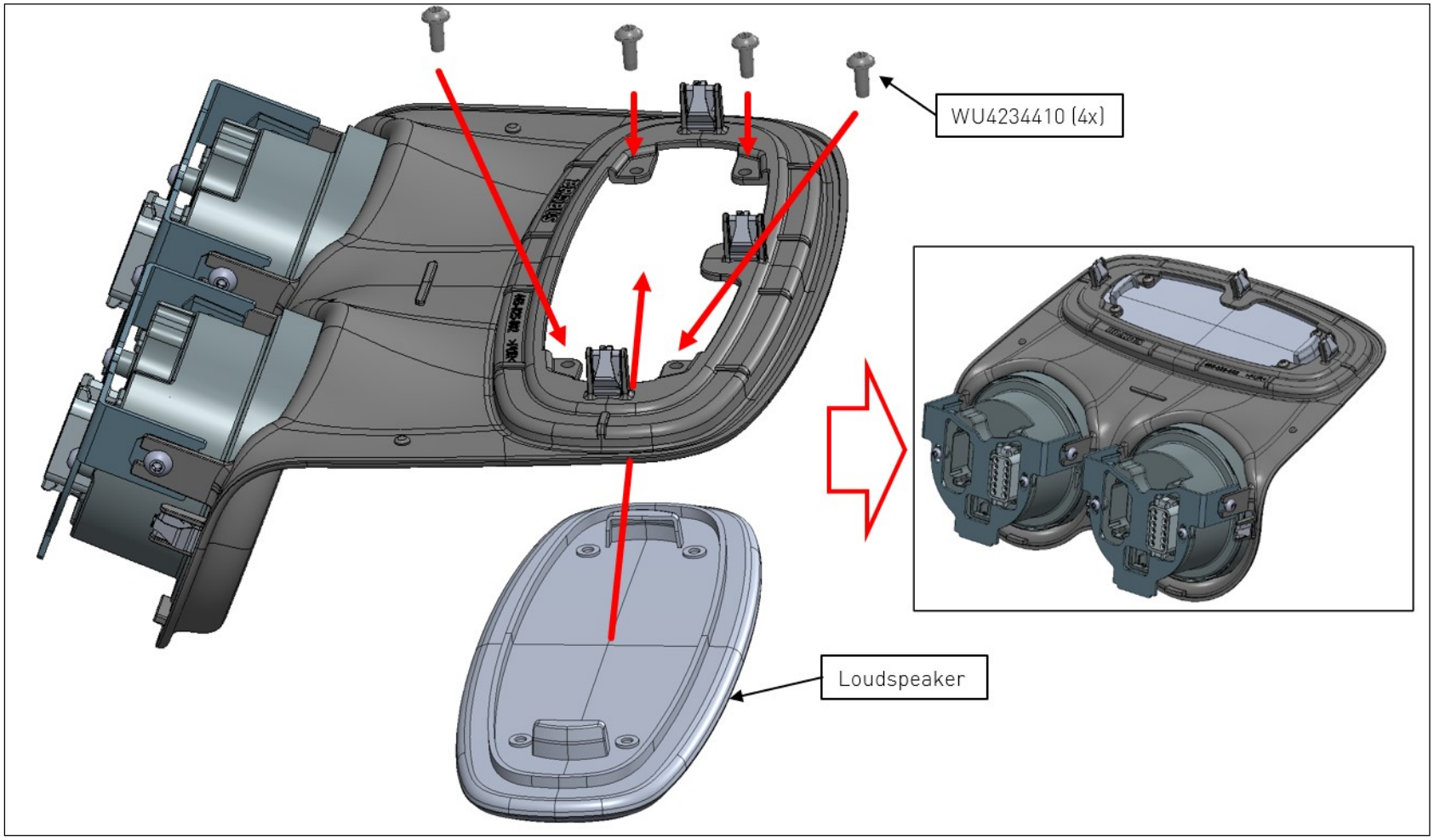
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- Attach the four sheet metal nuts (WU50053525) to the two tabs on the instrument holders (464-825-004).
- Now attach the instruments to the instrument holders using the enclosed M4 screws (WU00600148).
- Attach the six plug-in clips (33075210) to the instrument insert (465-825-002).
- Now fit the individual additional instruments and the instrument insert (465-825-002) together on the instrument holders.
- Then attach this unit to the side of the instrument holders using the M5 screws (WU006001512).



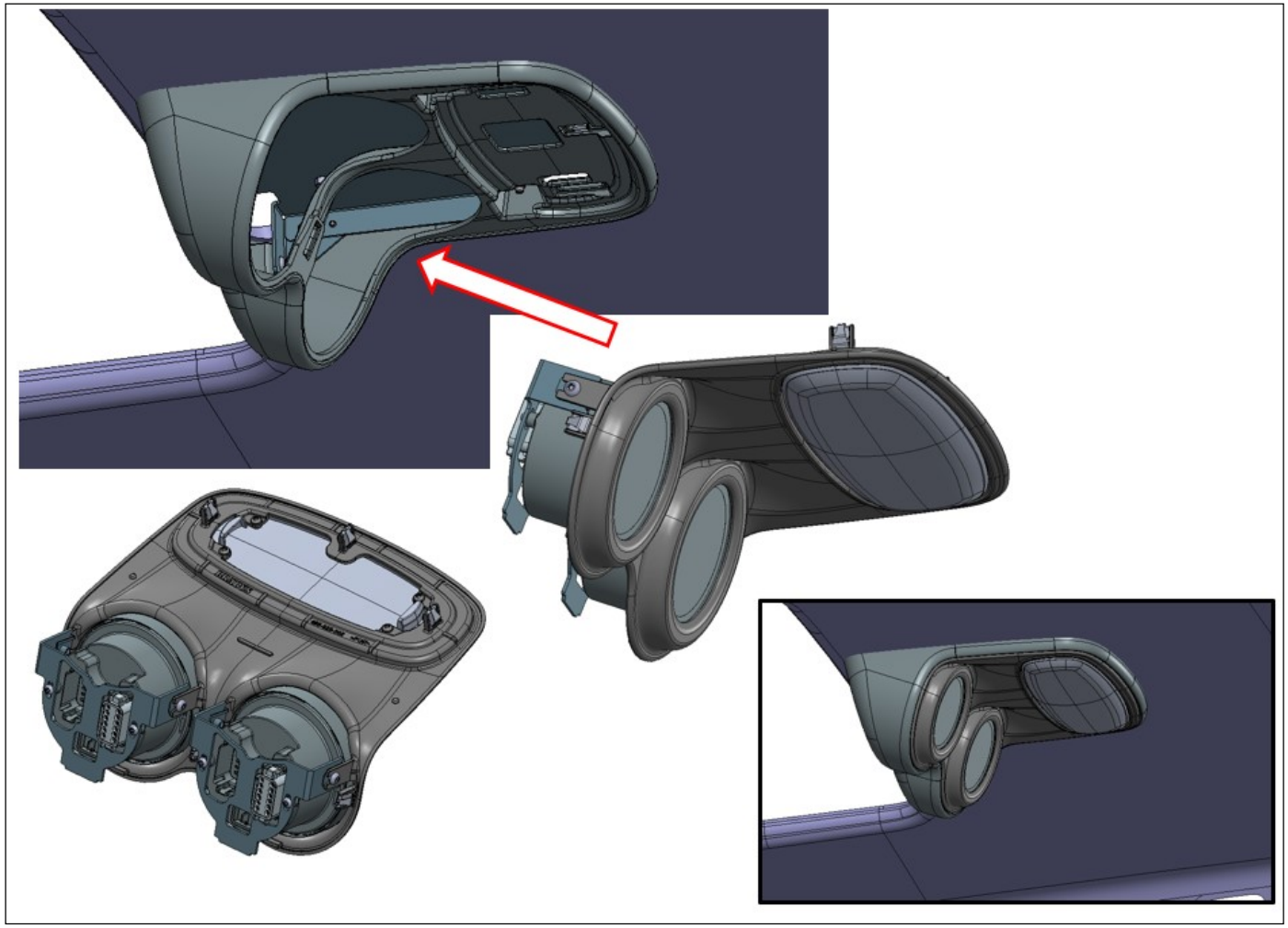
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- Insert the loudspeaker into the instrument insert (465-825-002).
- Attach the loudspeaker to the instruments insert using the enclosed M4 screws (4234410).



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- Connect the additional instruments and the loudspeaker to the wiring harness.
- Guide the connected additional instruments into the roof instrument panel until the clips click into place.



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- Check the fixing of the cable harness for tightness and possible chafing and remedy the situation if necessary.
- Only fasten the cable harness using cable ties and appropriate retaining devices.
- Install all removed cladding parts and carry out a new function test.

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