

 Preview Solution CBR-2516-3

CMS Black Screen Troubleshooting - VN (4) - PR (4) - AN (4)

Published 21 October 2025

Valid For

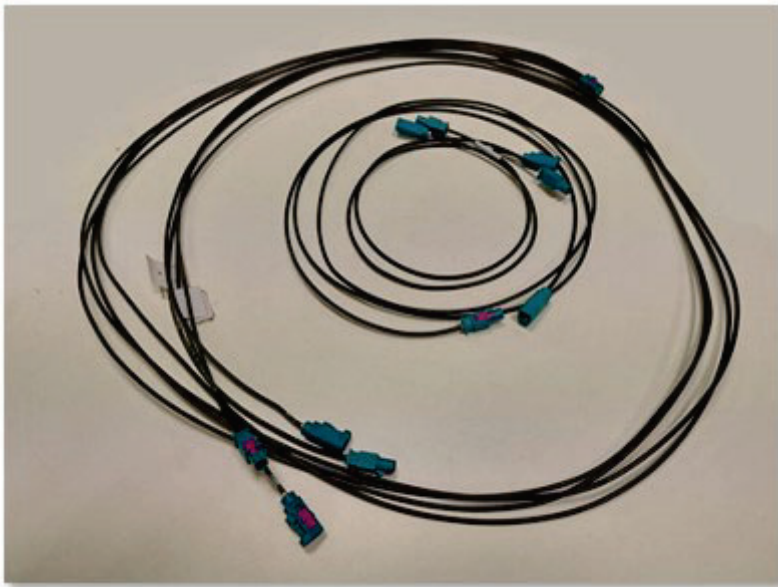
Volvo Chassis - VN (4)

Mack Chassis - PR (4) - AN (4)

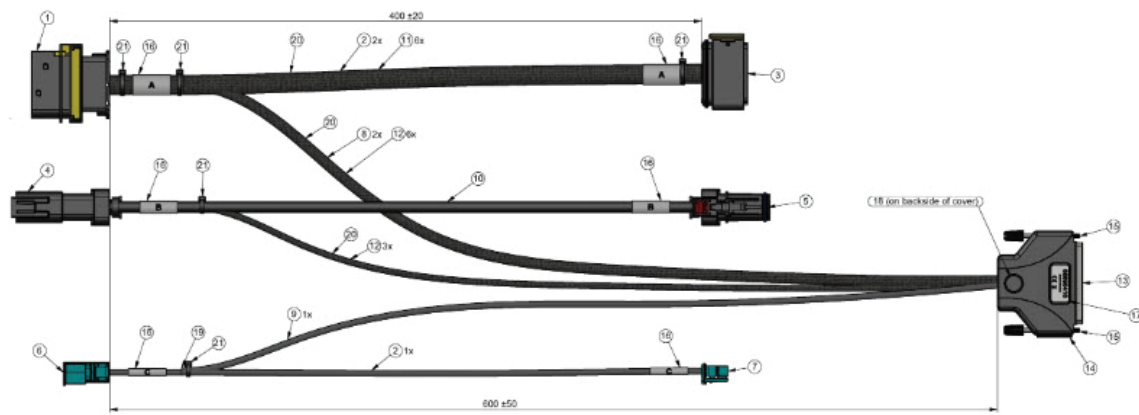
Model Year - 2025 to Current

The purpose of this CBR is to provides guidance on identifying problems with the Camera Monitoring System Black Screen and Permanent Red Warning Pop up.

Essential tooling required:



Part number: 88890412



Part Number 88890416

Contents

1. Abbreviations
2. Description of issue
3. Fault Codes
 - 3.1. ECU
 - 3.2. Wiring

1. Abbreviations:

- **CMS** – Camera Monitoring System (Digital Mirror System)
- **ECU** – Electronic Control Unit
- **PTT** – Premium Tech Tool
- **Class II/IV** - Driver and Passenger side cameras
- **Class V** – Passenger Side or curb view camera
- **Jumper Harness** – Camera Cable/Connectors in between In Cab Overlay and Wing Cables/connectors

2. Description of issue.



The two issues that are bring seen are:

1. CMS Black Screen Occurring on either Driver **OR** Passenger displays (This can be a permanent Black Screen or a temporary black screen)



2. Permanent Red Warning Pop up in Instrument Cluster (Permanent Red Warning Until Battery Disconnect is completed using the maintenance disconnect switch)



3. Fault Codes

The Fault codes should be checked first for the CMS; this will help in determining what the root cause is for the issue.

From the list of fault codes below, if they appear as **INACTIVE** in PTT, then fault tracing diagnostics should still be performed.

List of Fault Codes Likely related to the listed issues above:

1. ECU Related Fault Codes

- CMS - U3000-04 - Electronic control unit
- CMS - U3000-01 - Electronic control unit
- CMS - U3000-A2 - Electronic control unit
- CMS – U3000-01 – Electronic control unit
- CMS – U3000-61 – Electronic control unit

NOTE: For ECU related Fault codes, the ECU section of this CBR (3.1) must be followed, For Black screen occurring on both Driver **AND** Passenger displays at the same time, ECU Fault codes should be addressed first.

2. Monitor/Display Hardware Related Fault Codes

- CMS - B1005-09 - Passenger Side View Monitor Circuit – Component Failures
- CMS - B1005-2B - Passenger Side View Monitor Circuit – Signal Cross Coupled
- CMS - B1005-41 - Passenger Side View Monitor Circuit – General Checksum Failure
- CMS - B1004-09 - Driver Side View Monitor Circuit – Component Failure
- CMS - B1004-41 - Driver Side View Monitor – General Checksum Failure
- CMS - B1004-00 - Driver Side View Monitor Circuit – No Sub Type Information
- CMS - B1004-2B - Driver Side View Monitor Circuit – Signal Cross Coupled
- CMS – B1004-26 - Driver Side View Monitor Circuit – Signal Rate of Change Below Threshold
- CMS – B1004-44 - Driver Side View Monitor Circuit – Data Memory Failure
- CMS – B1005-00 - Passenger Side View Monitor Circuit – No Sub Type Information
- CMS – B1005-02 - Passenger Side View Monitor Circuit – General Signal Failure
- CMS – B1005-44 - Passenger Side View Monitor Circuit – Data Memory Failure

NOTE: For Display Hardware related fault codes, follow Tech Tool Diagnostics and Impact Instructions.

3. Camera Hardware Related Fault Codes

- CMS - B1000-04 - Passenger Camera Unit – System Internal Failures
- CMS - B1000-09 - Passenger Camera Unit – Component Failure
- CMS - B1001-09 - Side Camera Unit – Component Failures
- CMS - B1001-04 - Side Camera Unit – System Internal Failures
- CMS – B1002-09 - Driver Side Camera Circuit – Component Failures
- CMS – B1002-04 - Driver Side Camera Circuit – System Internal Failures

NOTE: For Camera Hardware related fault codes, follow Tech Tool Diagnostics and Impact Instructions

4. Wiring Related Fault Codes

- CMS - U1002-08 – Lost Communication With Passenger Side Kerb (Curb) Camera – Bus Signal/Message Failures
- CMS - U1009-08 - Lost Communication With Passenger Side Camera – Bus Signal/Message Failures
- CMS - U1001-08 - Lost Communication With Driver Side Camera – Bus Signal/Message Failures
- CMS - U1004-08 - Lost Communication With Driver Side View Monitor – Bus Signal/Message Failures
- CMS - U100A-08 - Lost Communication with Passenger Side View Monitor – Bus Signal/Message Failures
- CMS - B1000-13 - Passenger Camera Unit – Circuit Open
- CMS - B1001-13 - Side Camera Unit – Circuit Open
- CMS - B1002-13 - Driver Side Camera Circuit – Circuit Open
- CMS - B1005-13 - Passenger Side View Monitor Circuit – Circuit Open
- CMS - B1004-13 - Driver Side View Monitor Circuit – Circuit Open
- CMS – B1000-19 - Passenger Camera Unit – Circuit Current Above Threshold
- CMS – B1001-19 - Side Camera unit – Circuit Current Above Threshold
- CMS – B1004-19 - Driver Side View Monitor Circuit – Circuit Current Above Threshold
- CMS – B1004-1C - Driver Side View Monitor Circuit – Circuit Voltage out of Range
- CMS – B1005-02 - Passenger Side View Monitor Circuit – General Signal Failure

- CMS – B1005-19 - Passenger Side View Monitor Circuit – Circuit Current Above Threshold
- CMS – B1005-1C - Passenger Side View Monitor Circuit – Circuit Voltage Out of Range
- CMS – B1002-19 - Driver Side Camera Circuit – Circuit Current Above Threshold

NOTE: For Wiring related Fault codes, the wiring section of this CBR (3.2) must be followed. For Black screen occurring on a single display Driver **OR** Passenger sides, wiring fault codes should be addressed first.

3.1 ECU

For ECU-related fault codes, 3 steps can be performed. However, for this CBR the wiring section must be followed for fixing based on the symptoms that required this CBR

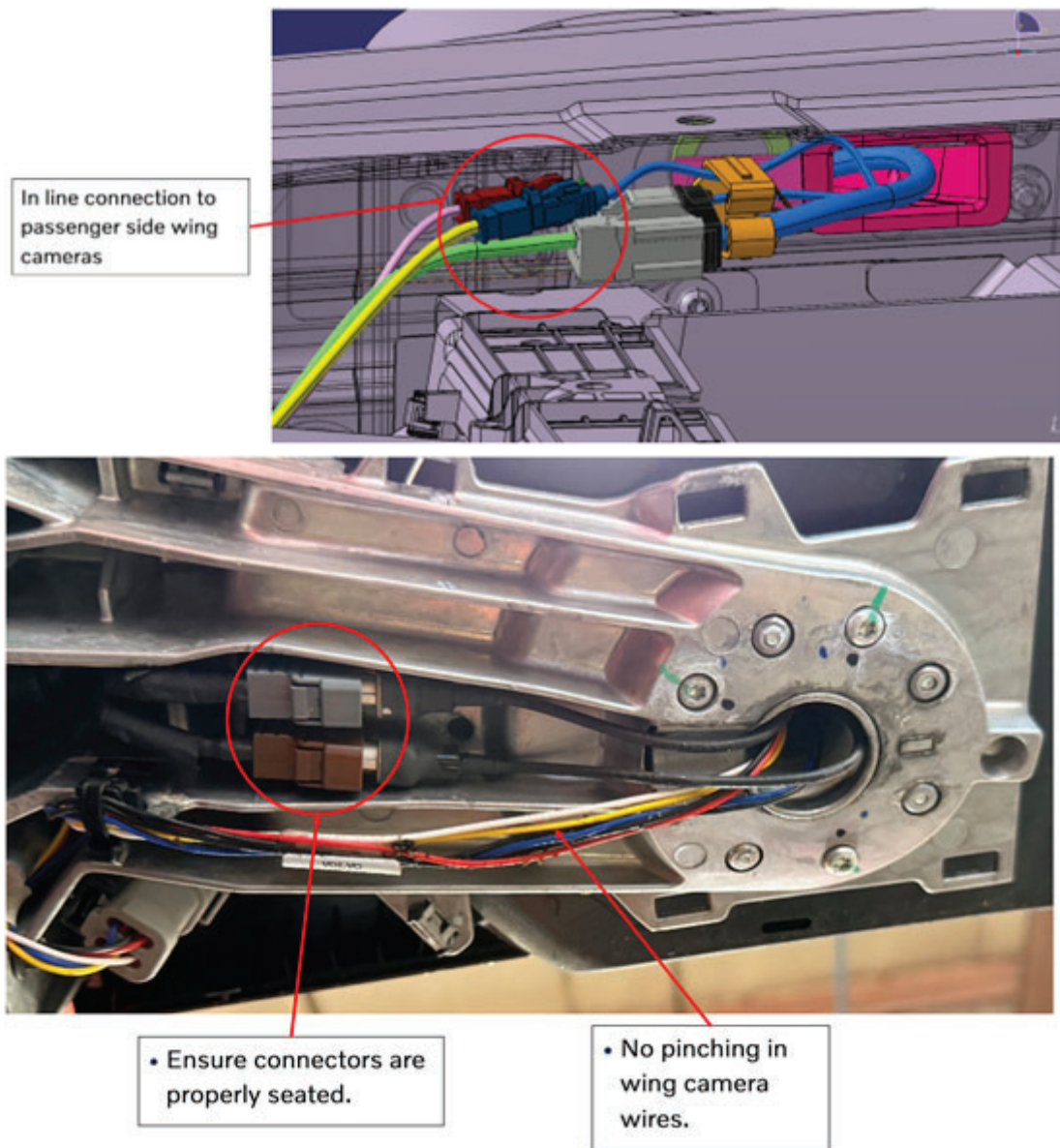
Steps

1. Perform System Reset using PTT by clearing fault codes
2. Perform SWDL via PTT (latest SW)
3. Replace ECU (Follow Impact Operation)

If issues remain, continue with the wiring section.

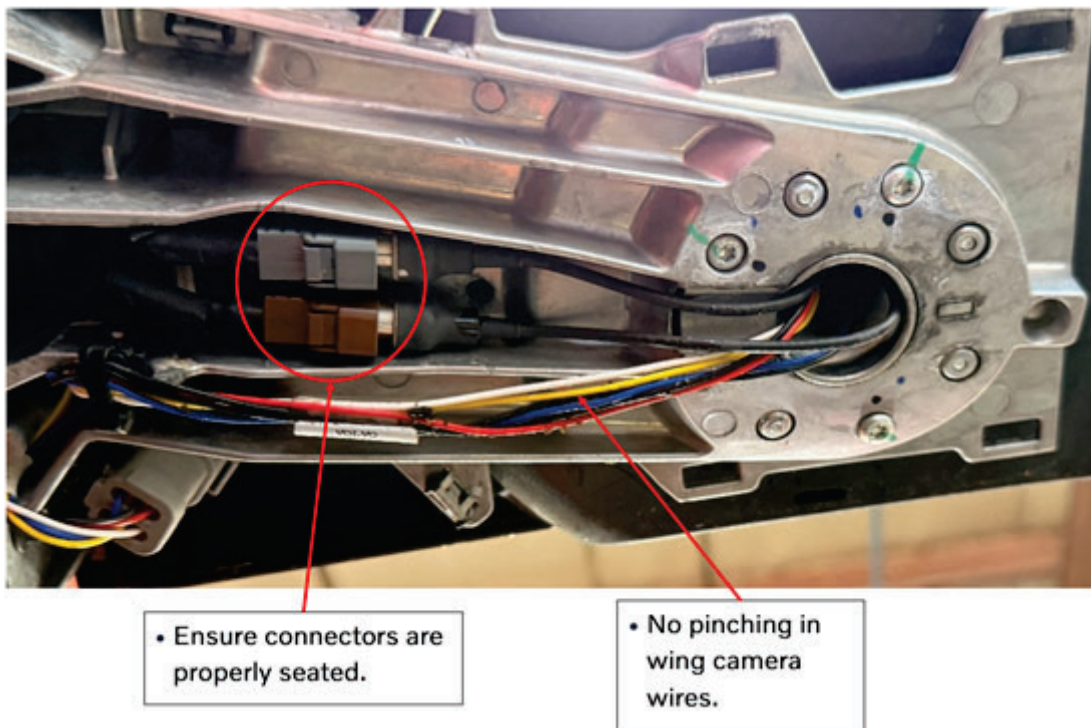
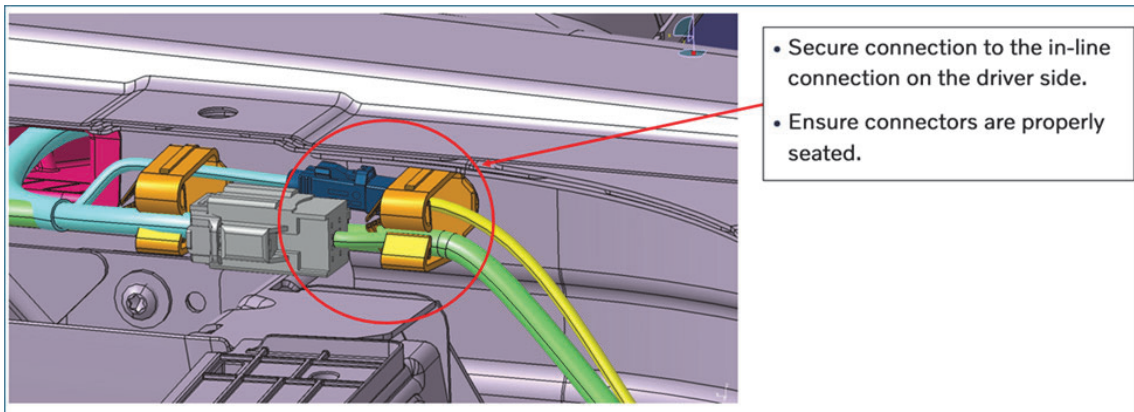
3.2 Wiring

- **Additional information for fault tracing**
 - Check cables II/IV and V based on configuration of the truck (day cab vs. sleeper), connect overlay connectors to the CMS ECU, jumper harness and monitors to check if the issue is still present.
 - Passenger Side Jumper Harness Check needs to be done for the following Fault Codes
 - U1002-08, U1009-08, B1000-13, B1001-13, B1000-19, B1001-19



Note: If the wires in the wings are damaged or pinched on either driver or passenger side, the respective wings need to be replaced.

- Driver Side Jumper Harness check needs to be done for the following Fault Codes
 - U1001-08, B1002-13, B1002-19



- **Wiring Corrective Actions**

- Harness replacement - Follow operation 3759-03-02-06 Overhead harness, replace and 3700-03-03-01 Jumper Harness Replacement

- **After harness replacement**

- Check if update available for CMS SW
 - If yes, then then perform SWDL via PTT
- Clear all fault codes
- Road test

Related links and attachments

No links or attachments available



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to others that might find it helpful



Feedback

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to help improve the content of this article

	Illustrations may differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.
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	Colours used in illustrations are for highlighting purposes only and do not correspond to the actual colours of the vehicle.
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	All threaded fasteners that do not have a tightening torque specification in the information are tightened to a standard torque. Standard torques are available in the following specification.► ENTITY MISSING: ih-8000000088-title
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	CAUTION	
Risk of material damage.		
Camera Monitoring System cables can be damaged if handled incorrectly.		
►	Never exceed a bend radius of 5 times the outside diameter of the cable.	
►	Never pull from the cable only from the connector.	
►	Never twist the cable pairs.	

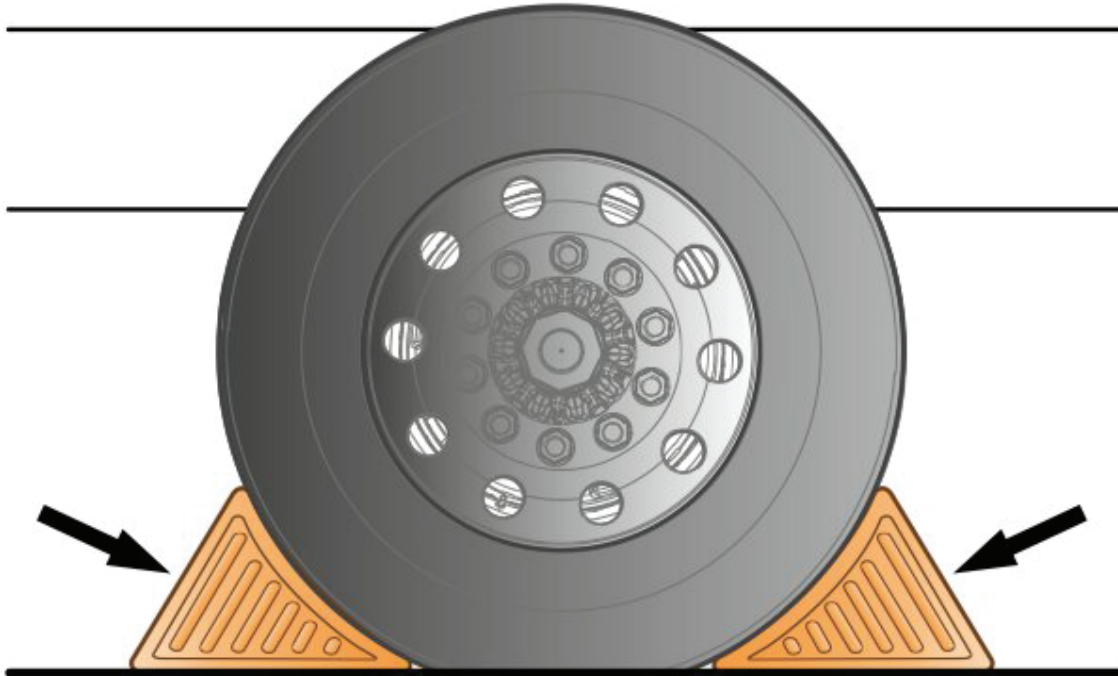
	CAUTION	
Risk of material damage.		
The cables can be damaged by sharp tools.		
►	Take care when removing the cable ties.	

	CAUTION	
Service Information Advisory.		
If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.		
►	You must read and understand the precautions and guidelines in Service Information, Function Group 3, "General Safety Practices, Electrical and Electronics" before performing this procedure.	

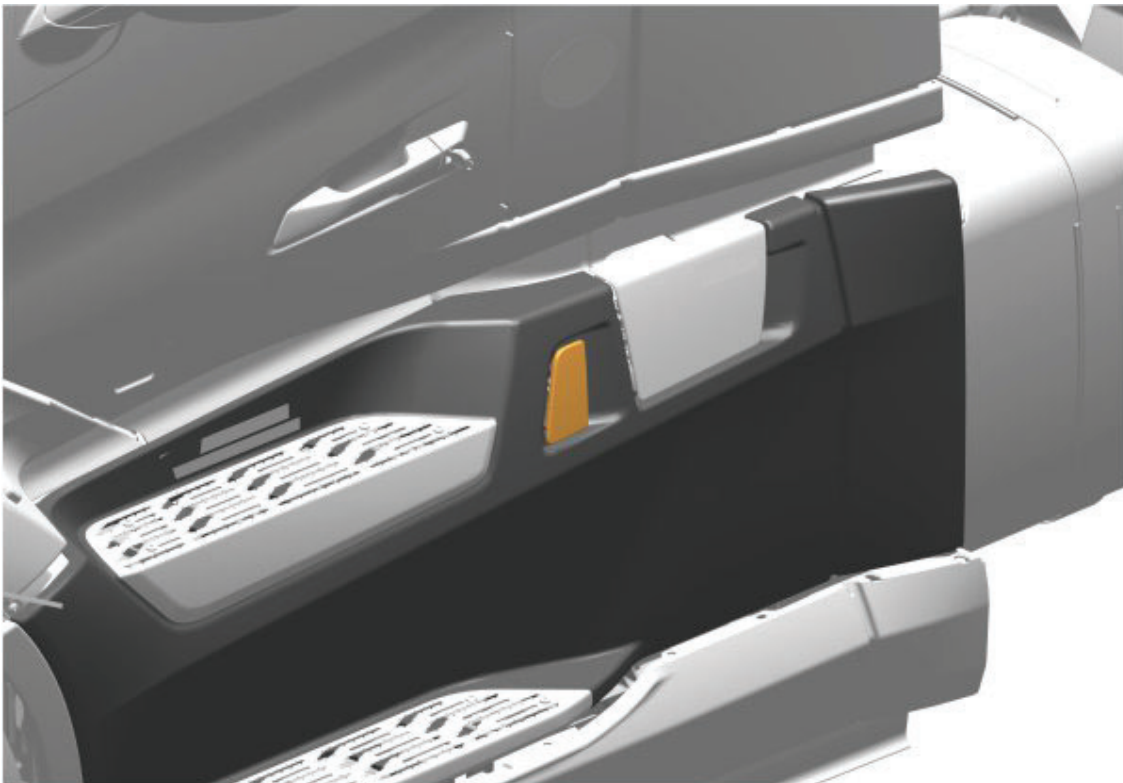
	CAUTION	
Service Information Advisory.		
If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.		
►	You must read and understand the precautions and guidelines in Service Information, Function Group 8, "General Safety Practices, Body, Cab and Interior" before performing this procedure.	

	CAUTION	
Risk of material damage.		
Using the wrong type of tool can easily damage paintwork and panels.		
►	Only use plastic tools when working on fragile parts.	

- | | |
|---|--------------------------------------|
| 1 | Park the vehicle on a level surface. |
| 2 | Apply the parking brake. |
| 3 | Place the gearbox in neutral. |
| 4 | Install the wheel chocks. |



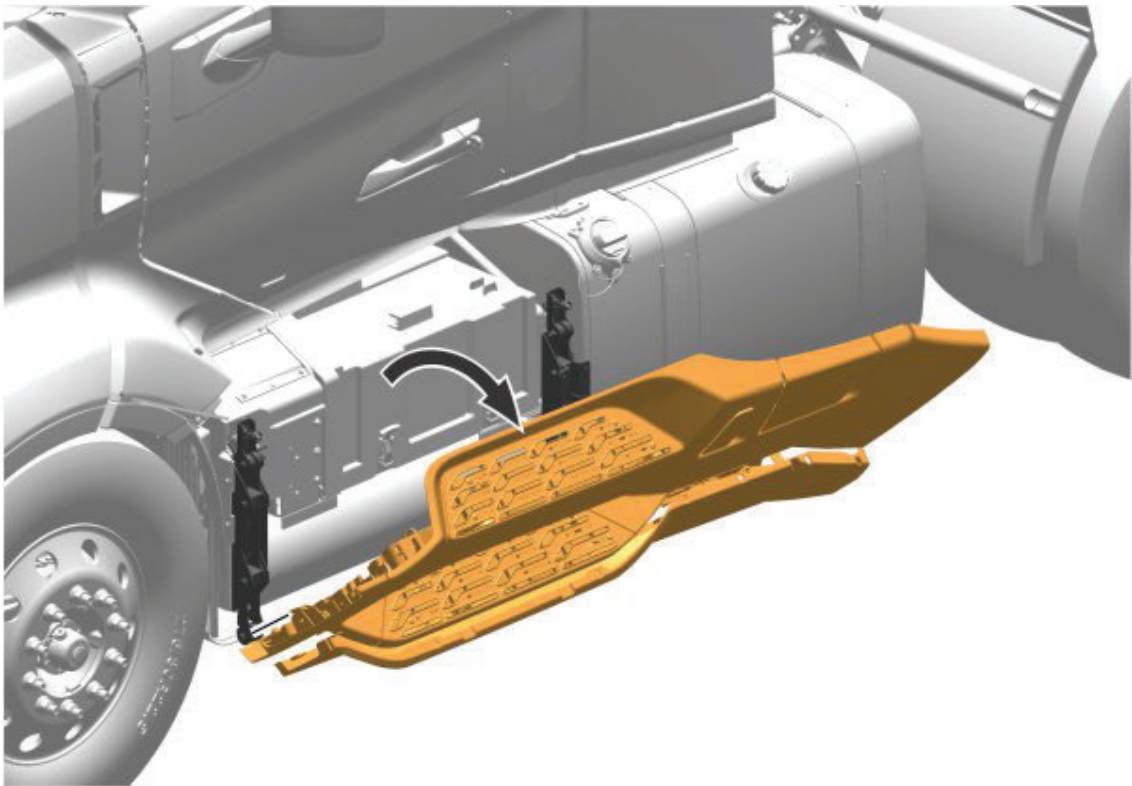
- | | |
|---|----------------------|
| 5 | Unlatch the fairing. |
|---|----------------------|



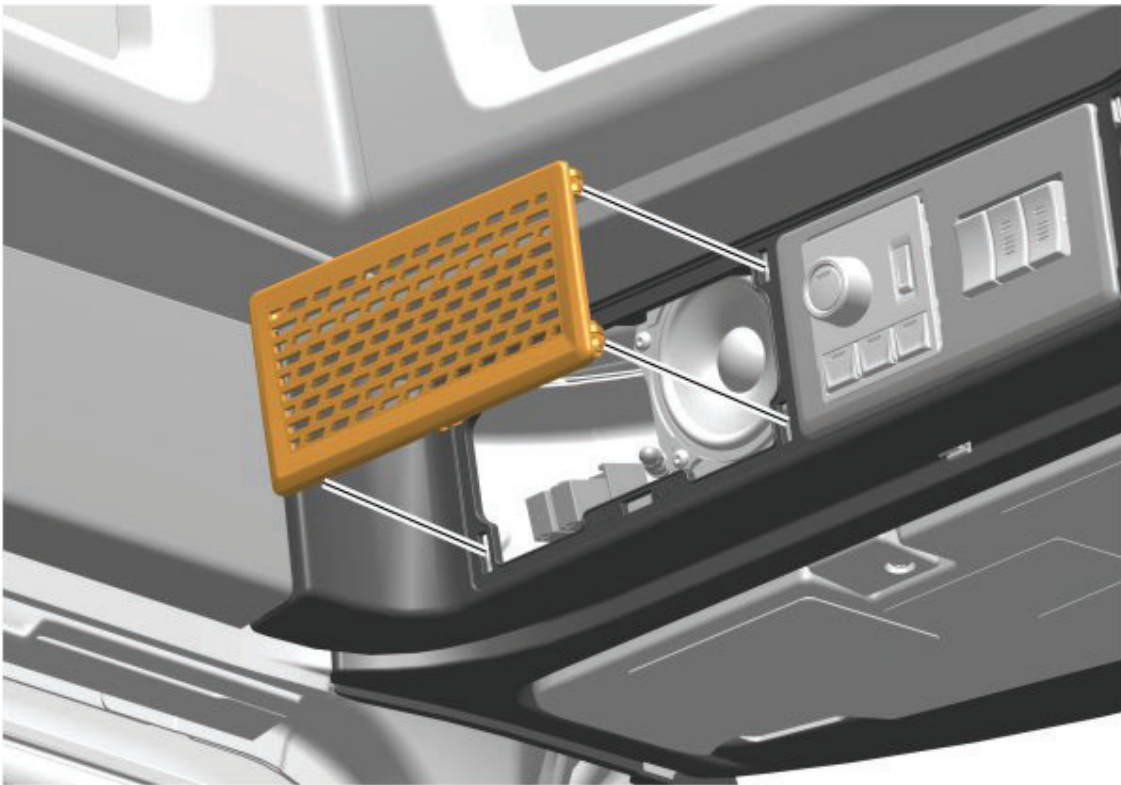
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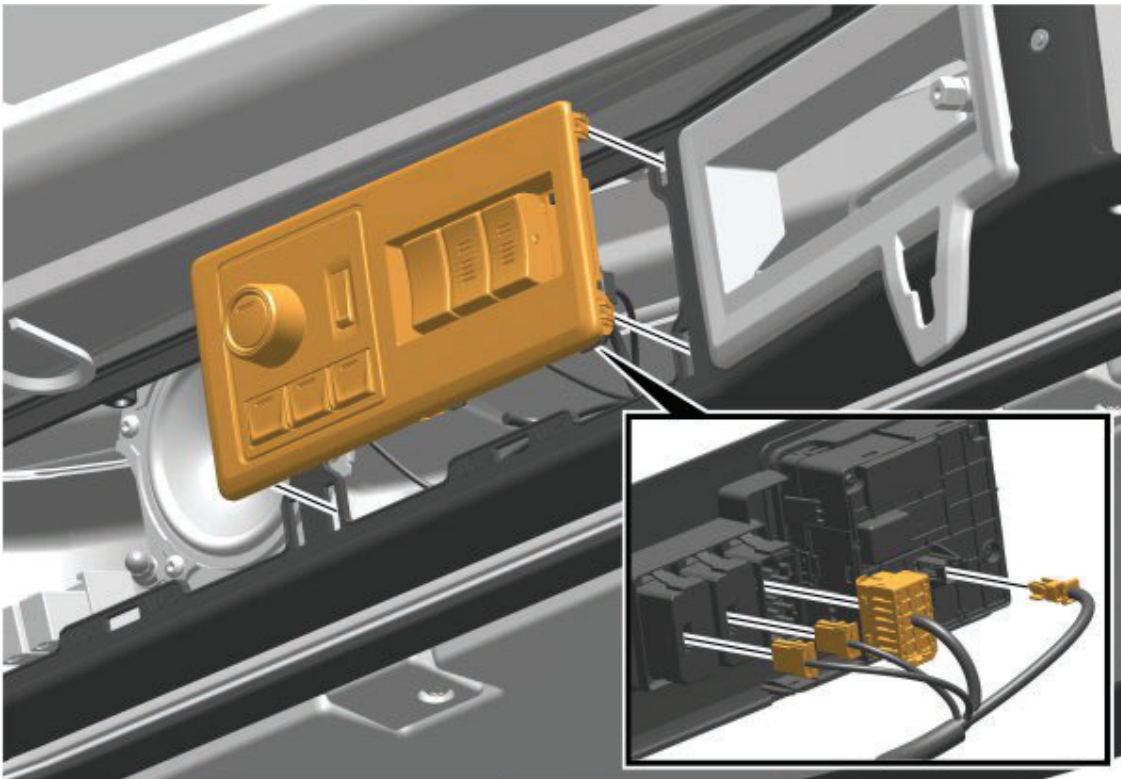
- | | |
|---|---------------------|
| 6 | Remove the tether. |
| 7 | Remove the fairing. |



- | | |
|---|--|
| 8 | Decommission the low voltage system. <div><div><div><div><div>i</div><div>Note</div></div><div>See header link for more information.</div><div>ENTITY MISSING: ih-8000085737-title</div></div></div></div> |
| 9 | Remove the grille. |



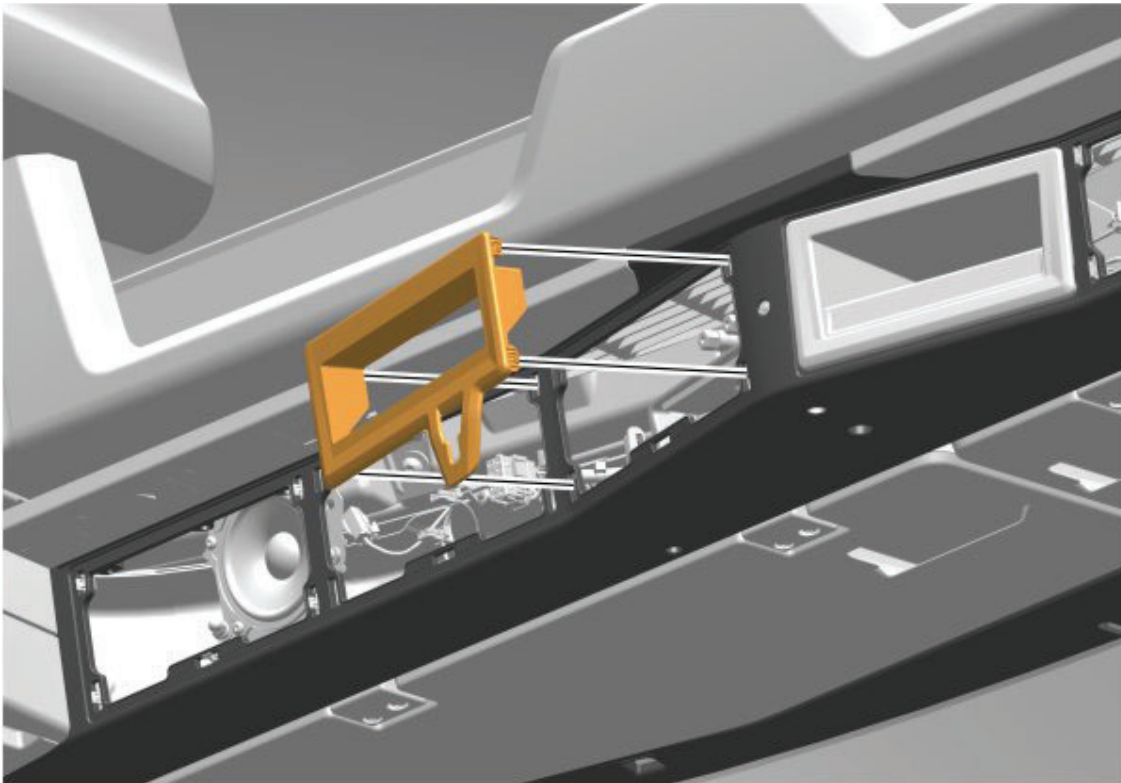
10	Remove the bezel.
11	Disconnect the connectors. i Note Note the positions.



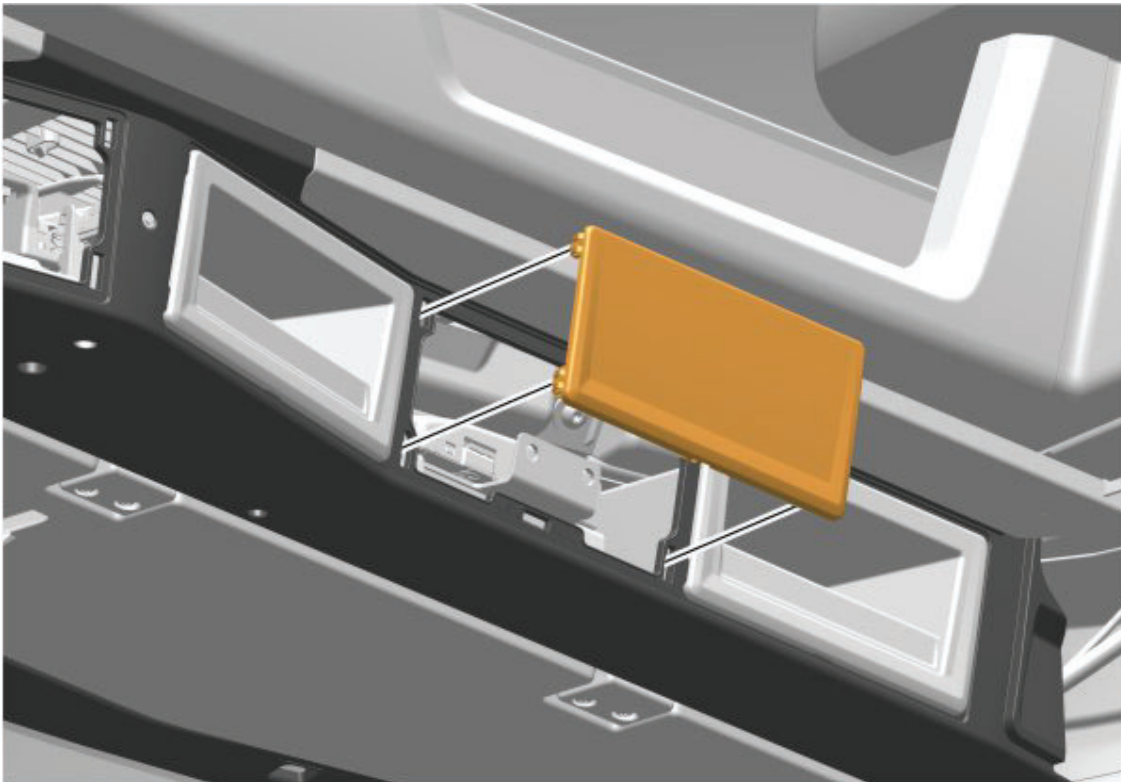
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12	Remove the bezel.
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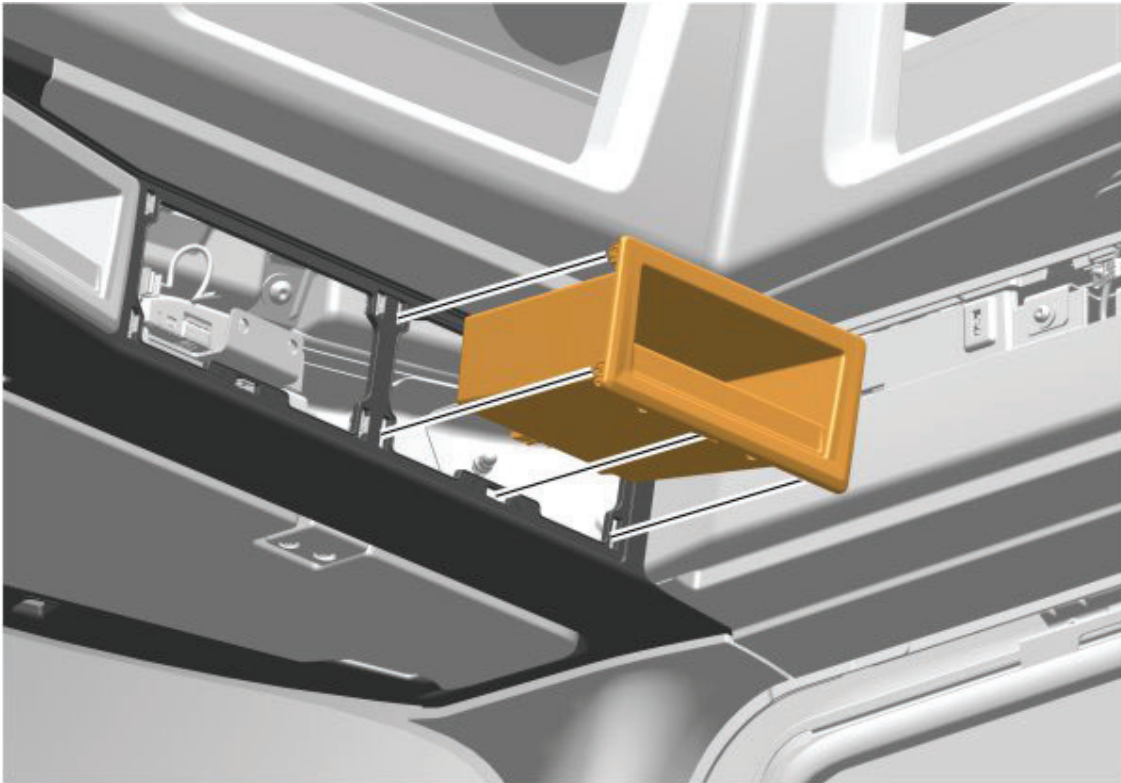


13	Remove the bezel.
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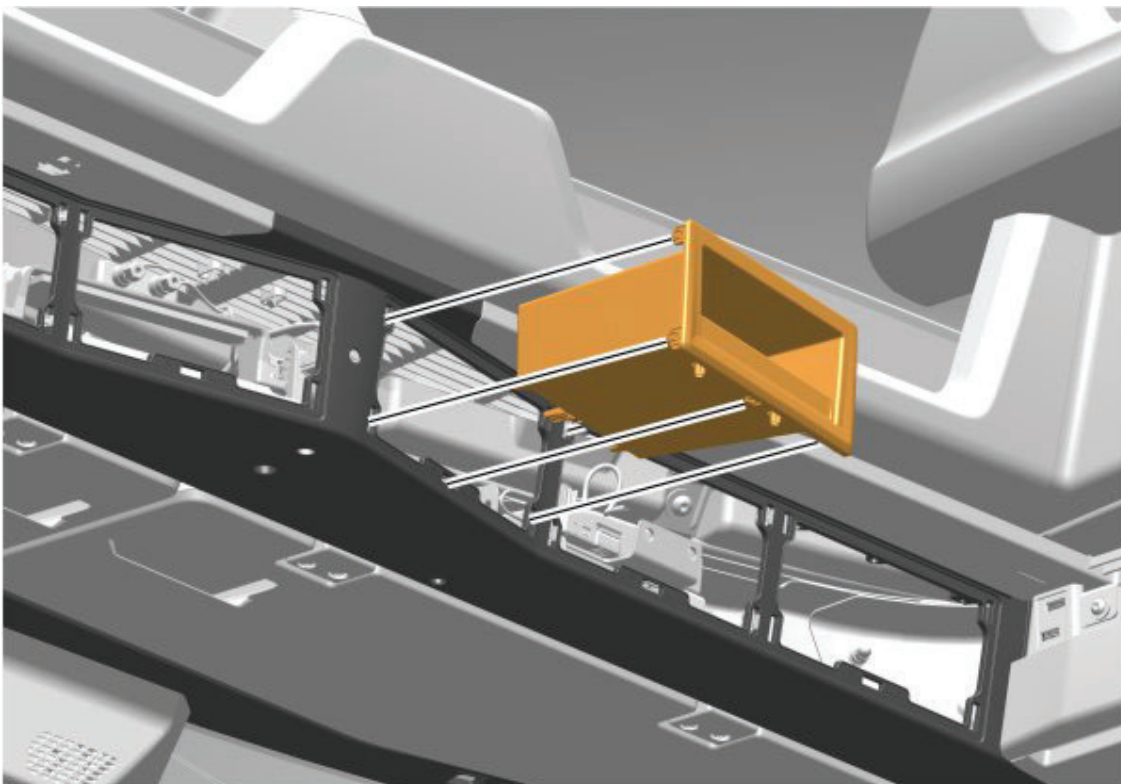
14	Release the locking clips.
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15	Remove the storage box.
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16	Release the locking clips.
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17	Remove the storage box.
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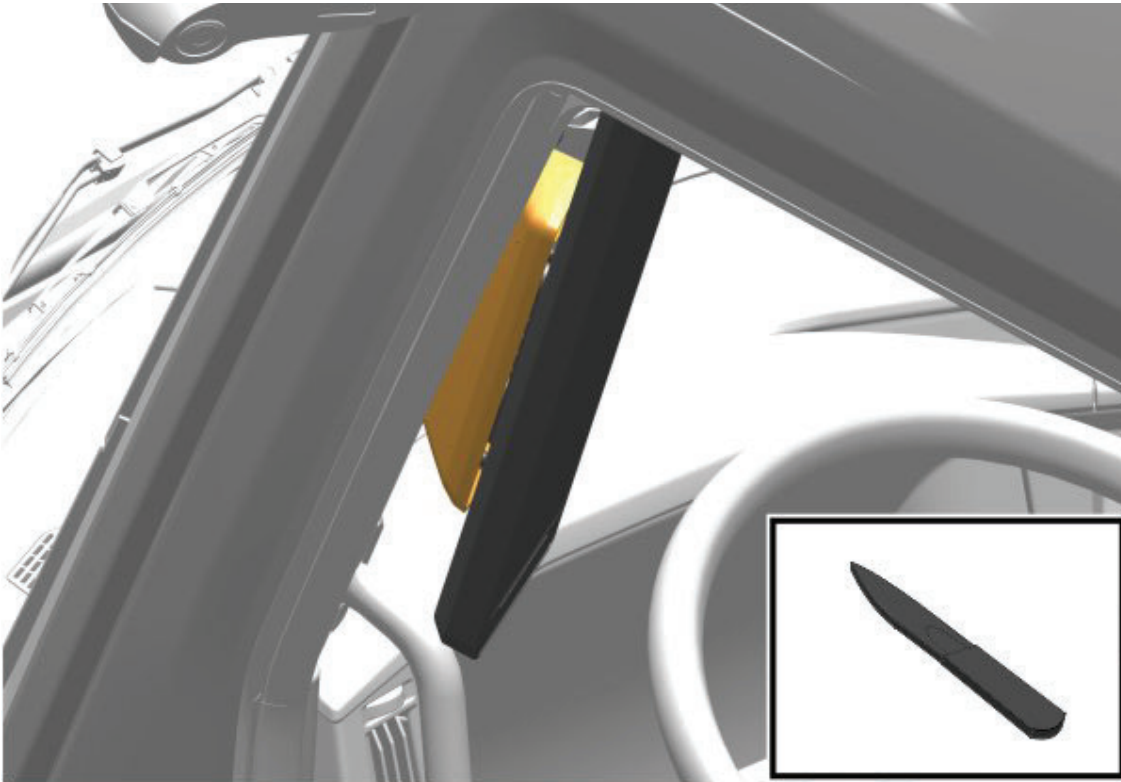
18	Remove the cover.
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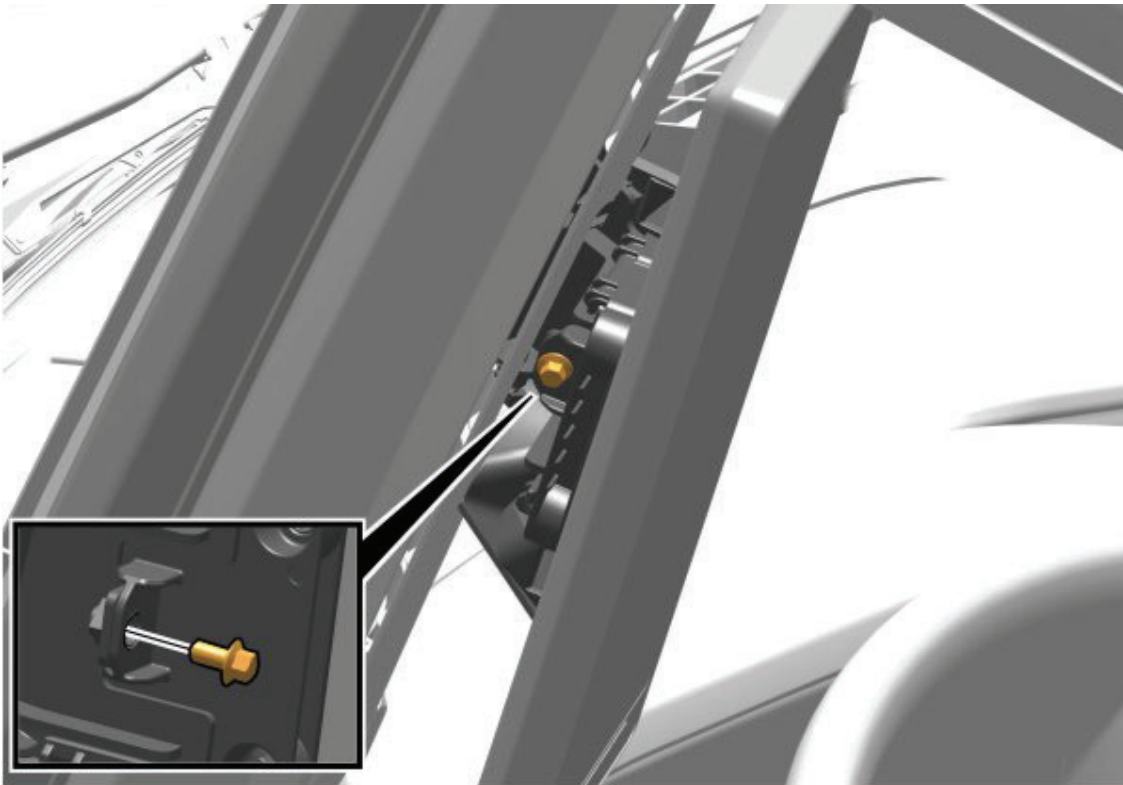
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**Note**

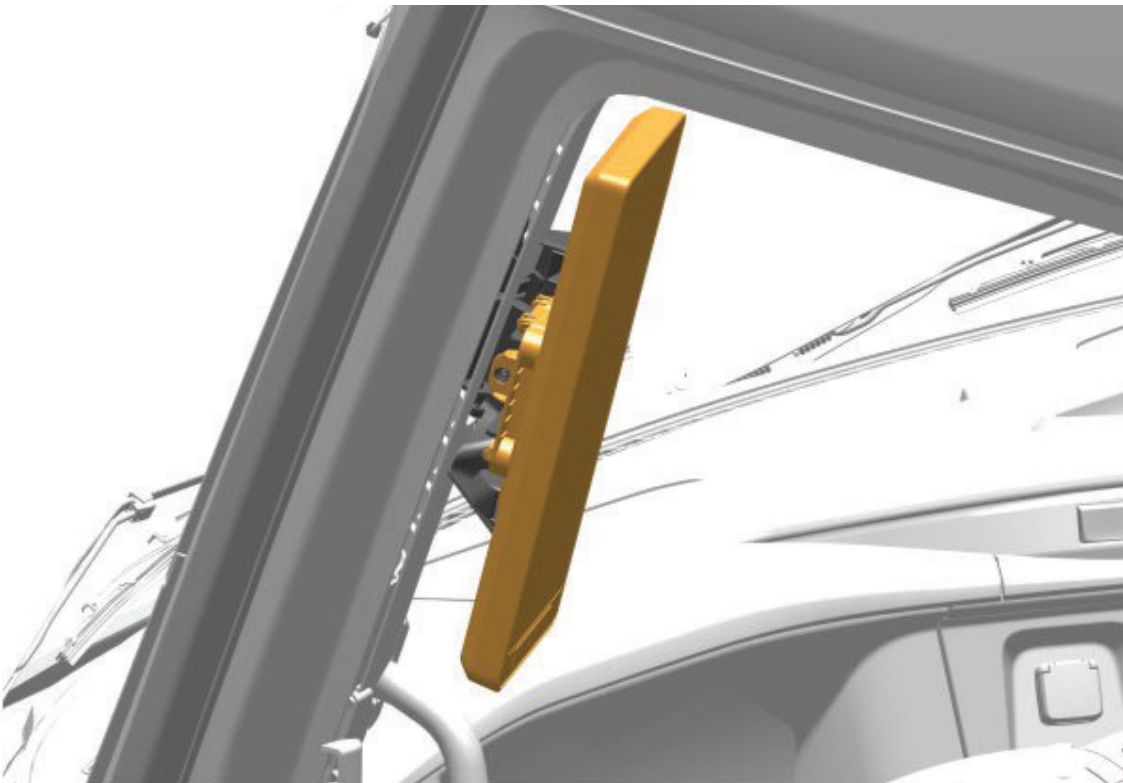
Use a suitable tool.

**19** Disconnect the connector.

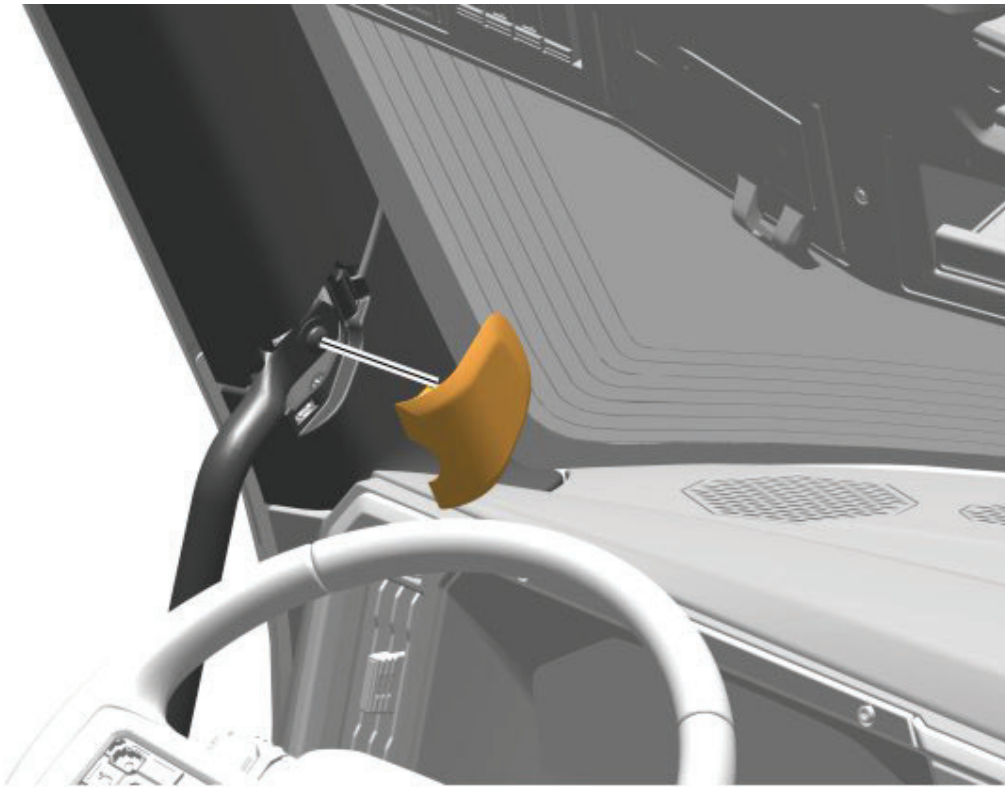
20	Remove the screw.
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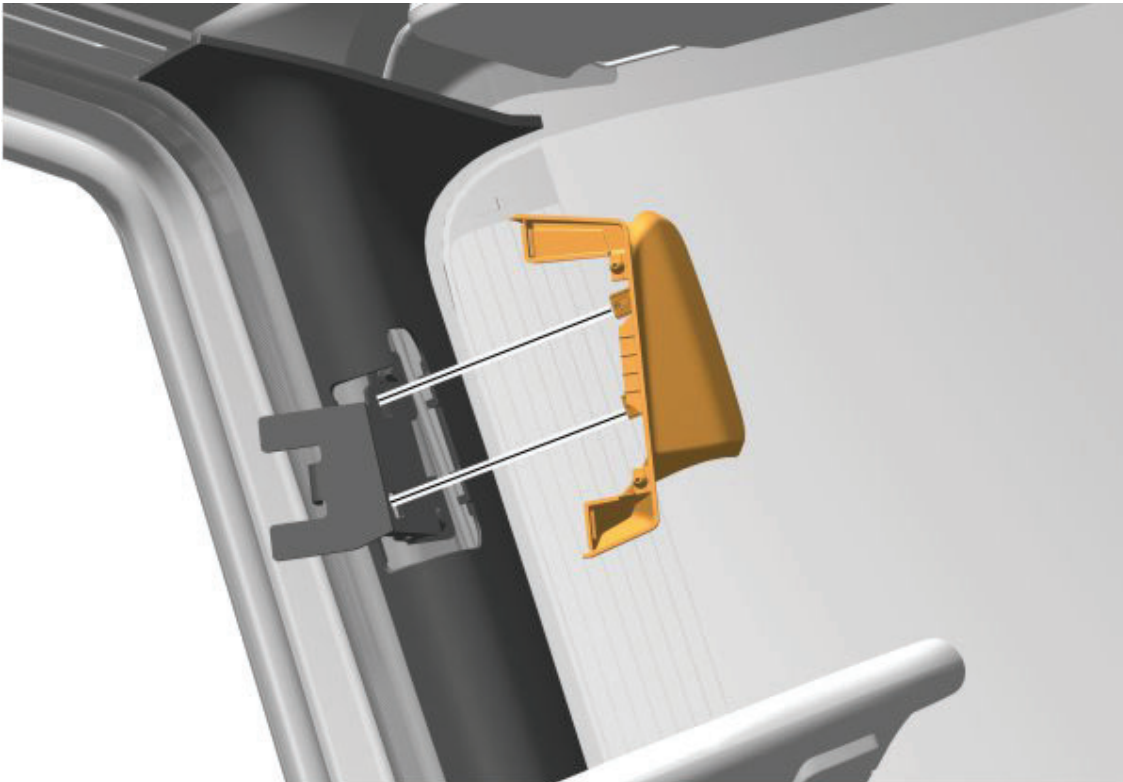
21	Remove the display.
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22	Remove the cover.
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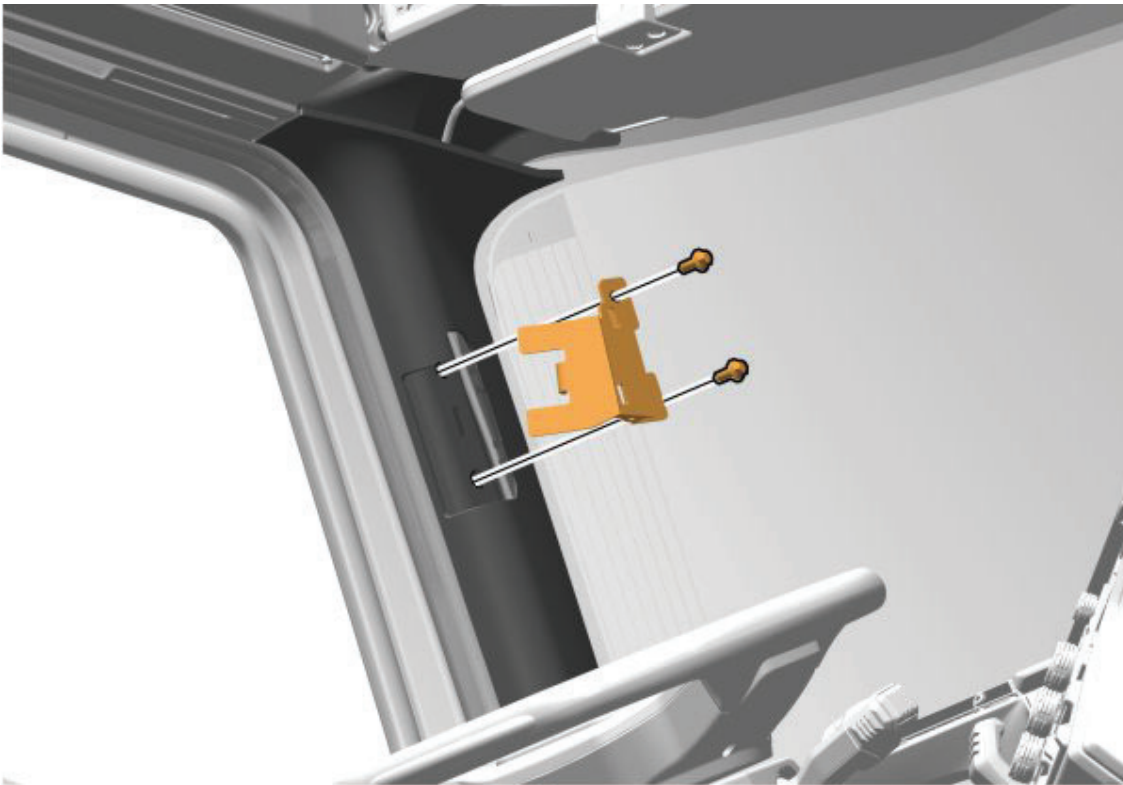


23	Remove the cover.
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24	Remove the screws.
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25	Remove the bracket.
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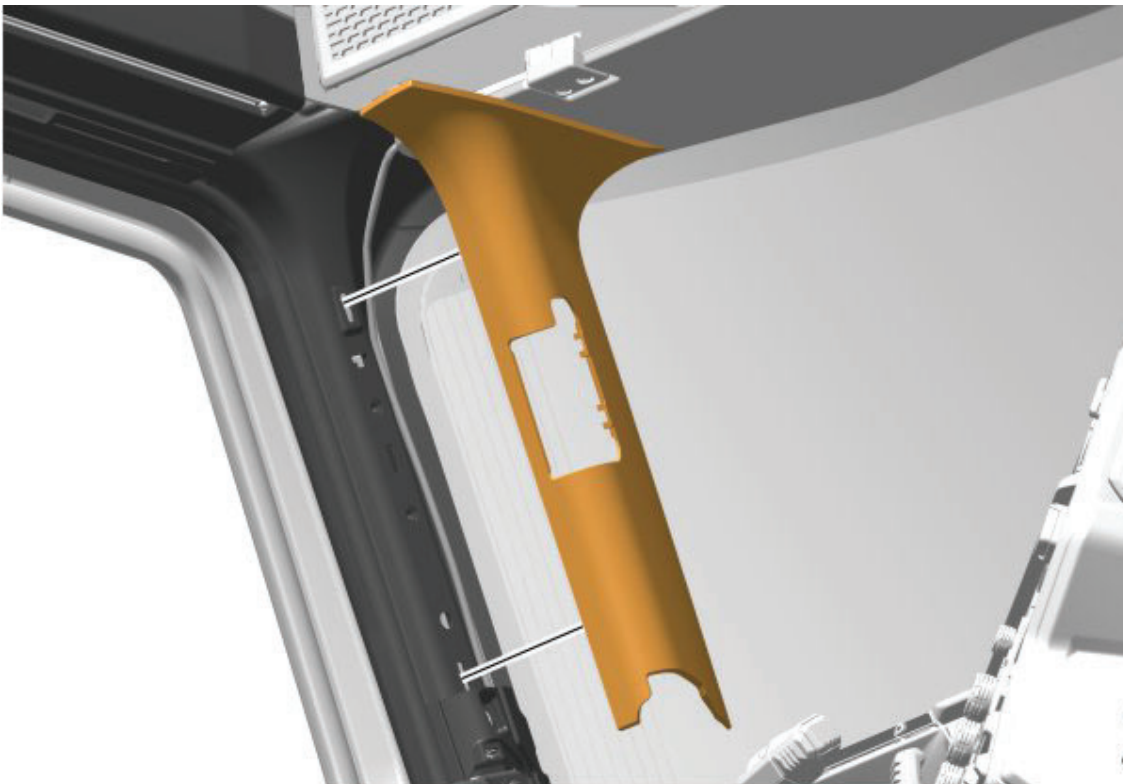


26 Remove the panel.



Note

Partially remove the door seal to allow removal of the panel.

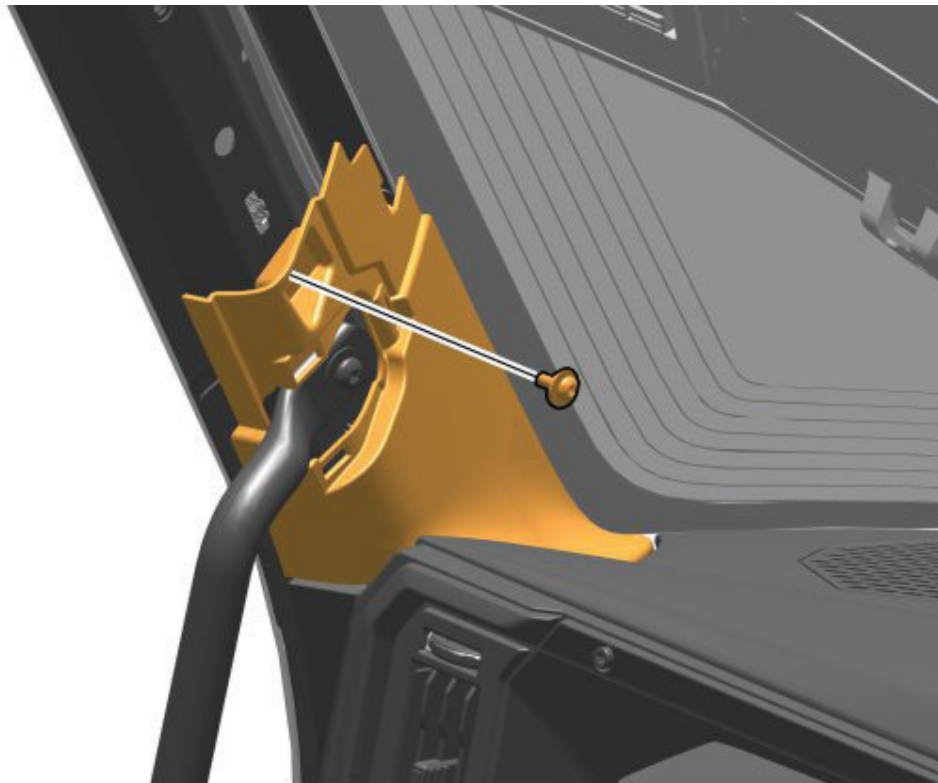


27 Remove the screw.

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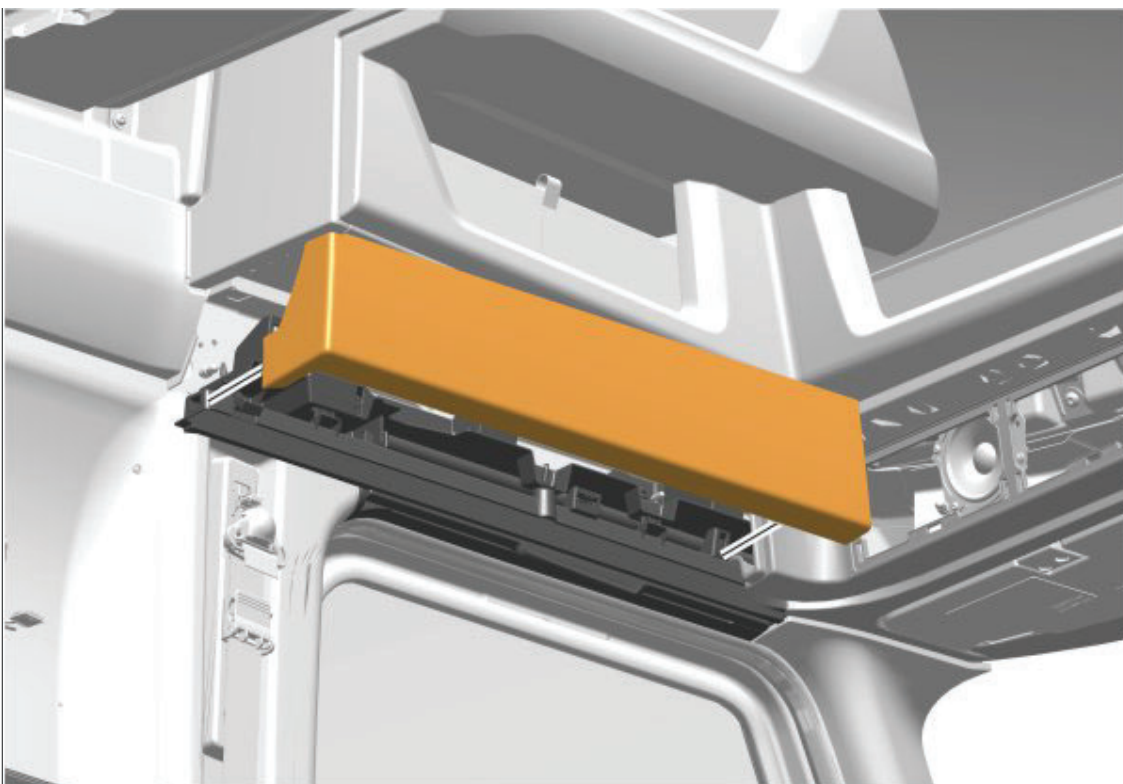
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28	Move aside the panel.  Service hint Lower A-pillar panel can be removed without removing grab handle.
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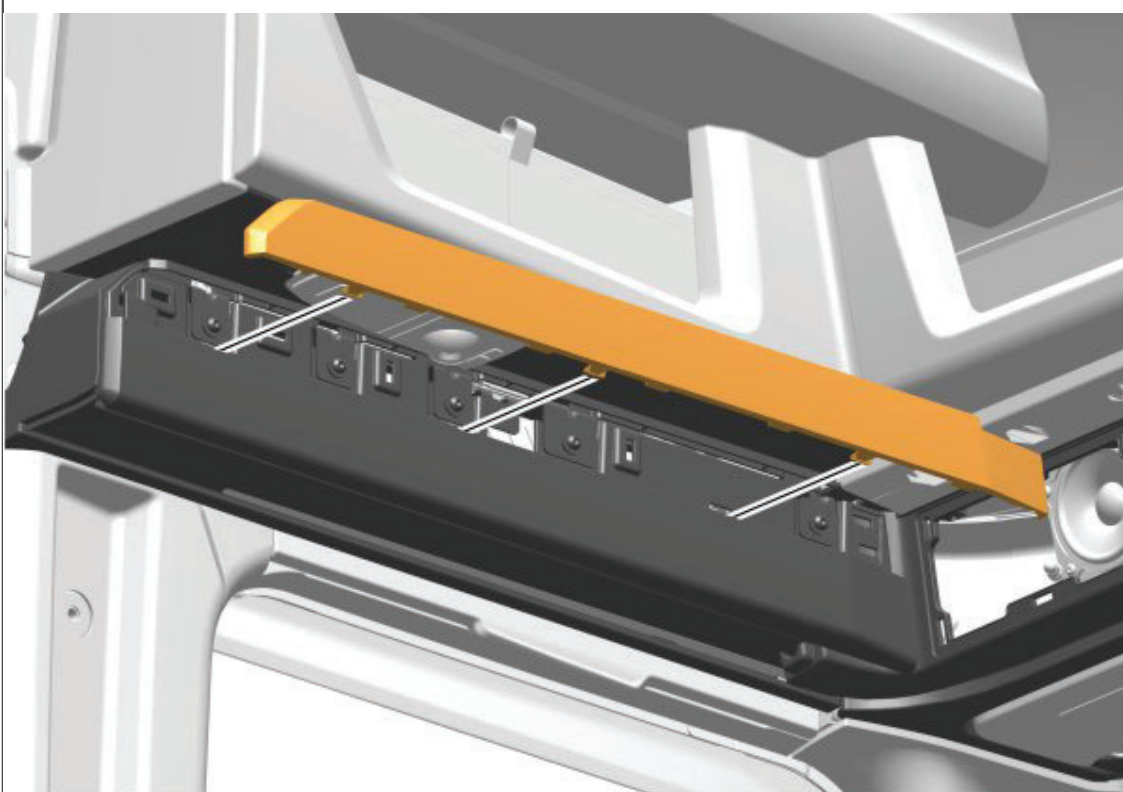


29	Perform the same procedures on the other side.
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30	This step contains 2 alternatives. Select one of the valid alternatives below. Alternative 1 / 2 <table border="1" data-bbox="211 1333 1330 1386"> <tr> <td data-bbox="211 1333 251 1386">▶</td><td data-bbox="251 1333 1330 1386">Remove the trim panel.</td></tr> </table>	▶	Remove the trim panel.
▶	Remove the trim panel.		

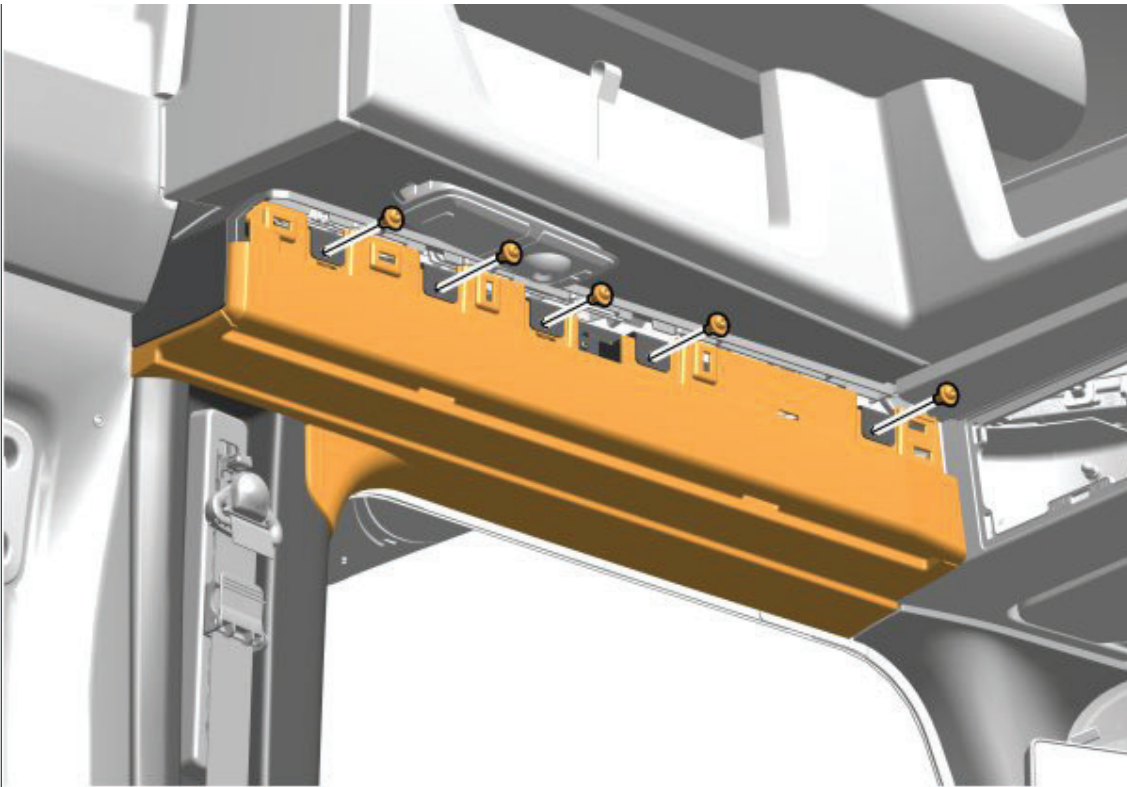
**Alternative 2 / 2**

- Remove the bezel.



- Remove the screws.

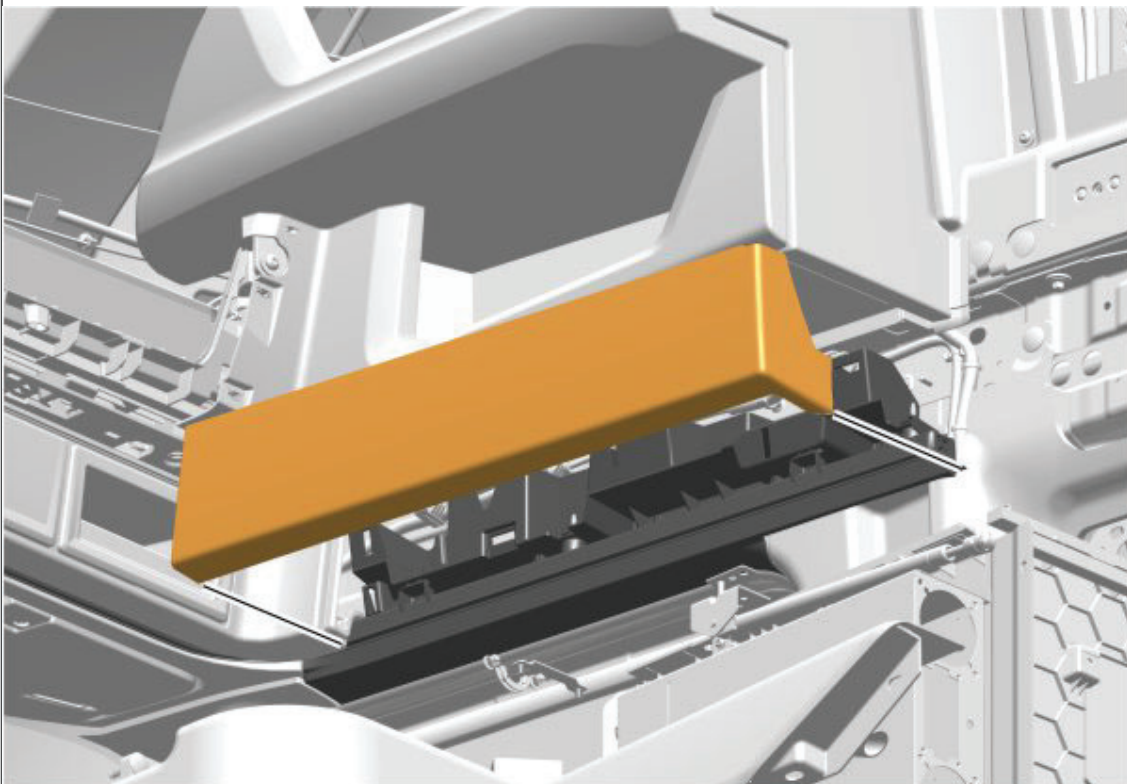
- Remove the trim panel.



- 31** This step contains 2 alternatives.
Select one of the valid alternatives below.

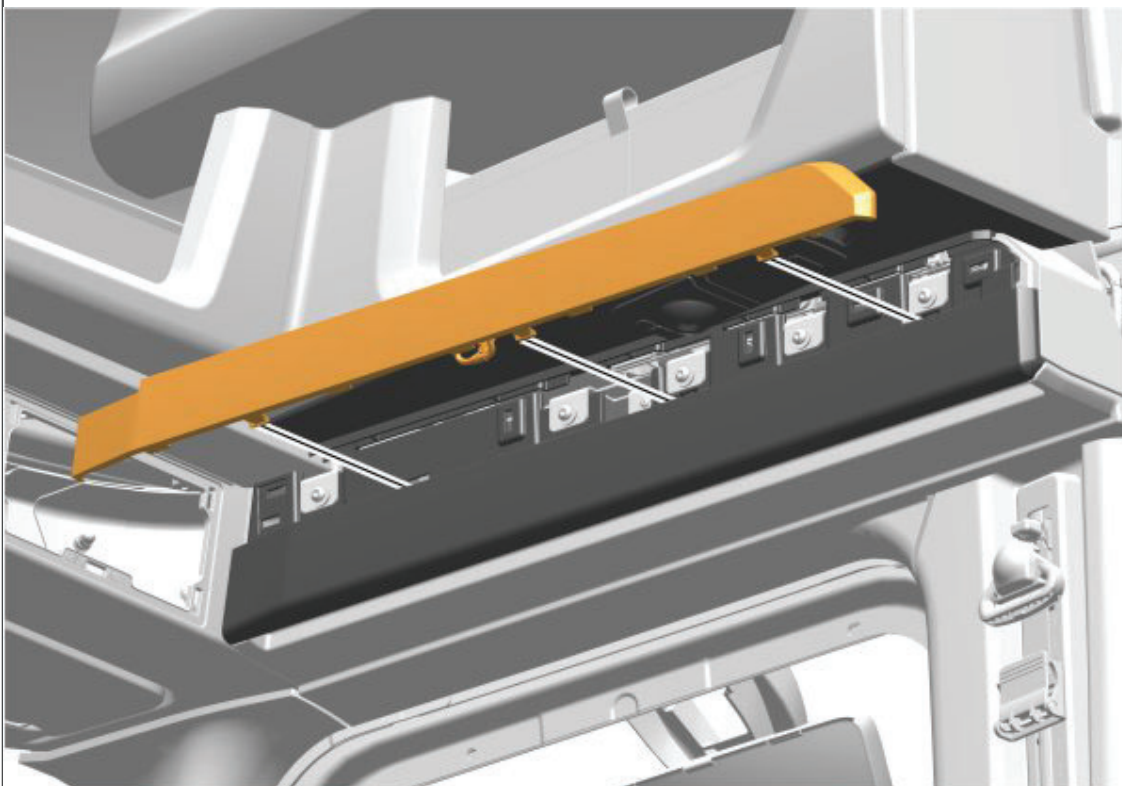
Alternative 1 / 2

- Remove the trim panel.



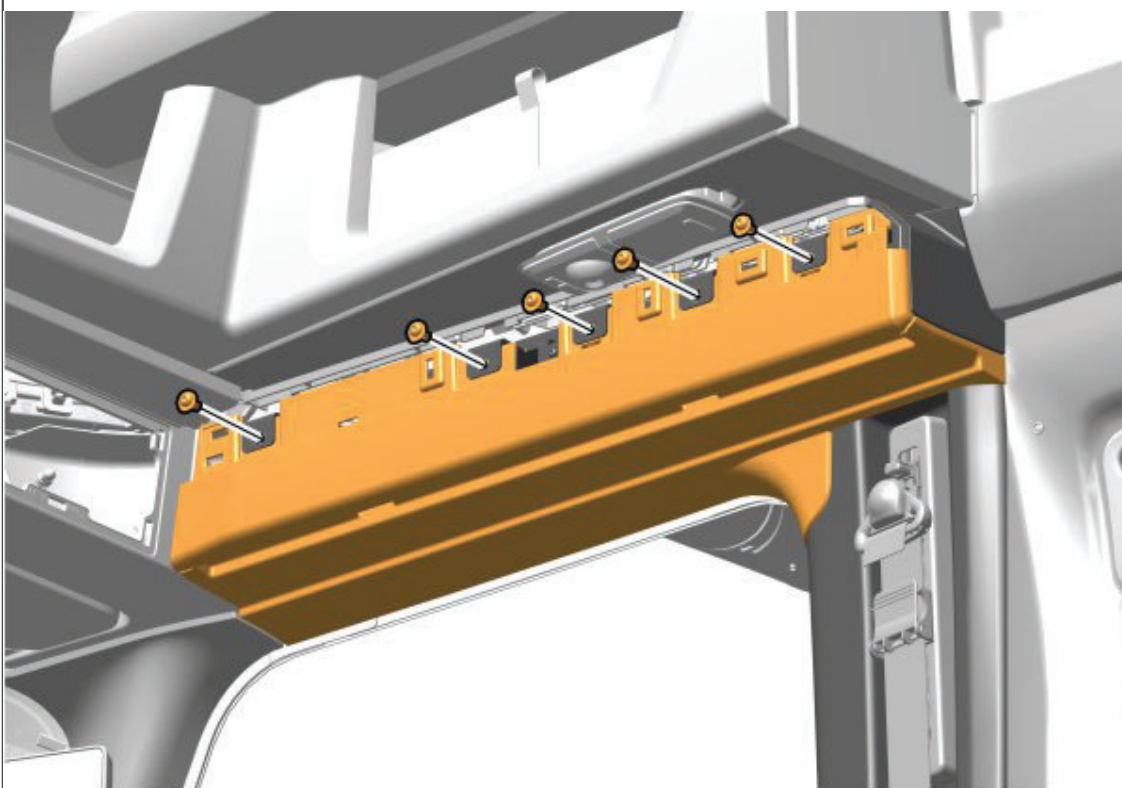
Alternative 2 / 2

- ▶ Remove the bezel.



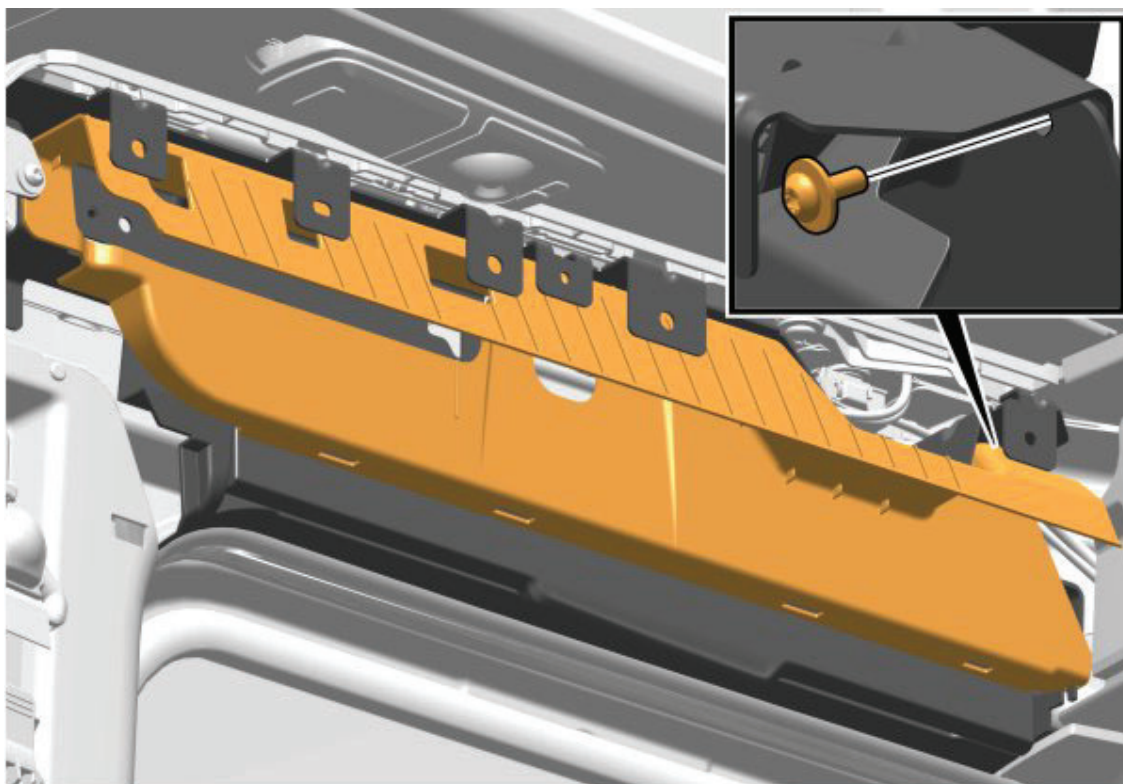
- ▶ Remove the screws.

- ▶ Remove the trim panel.



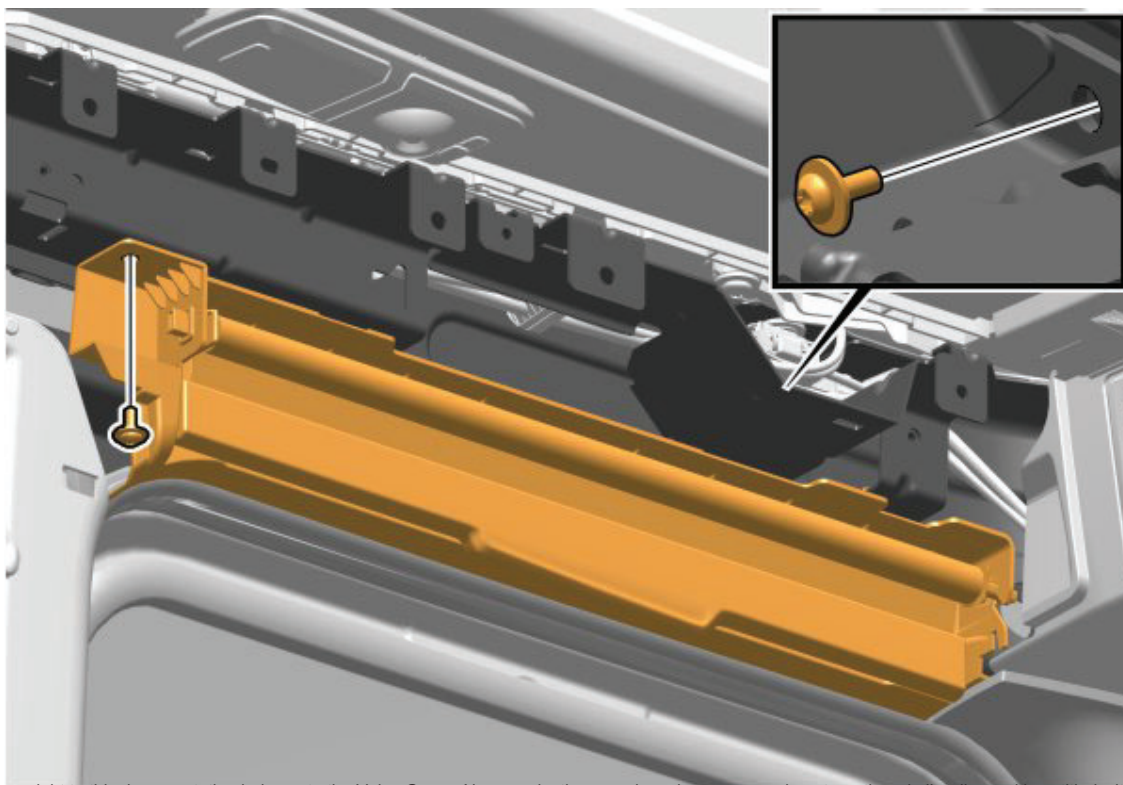
32	Remove the screw.
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33	Remove the shield.
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34	Remove the screws.
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35	Remove the roller blind.
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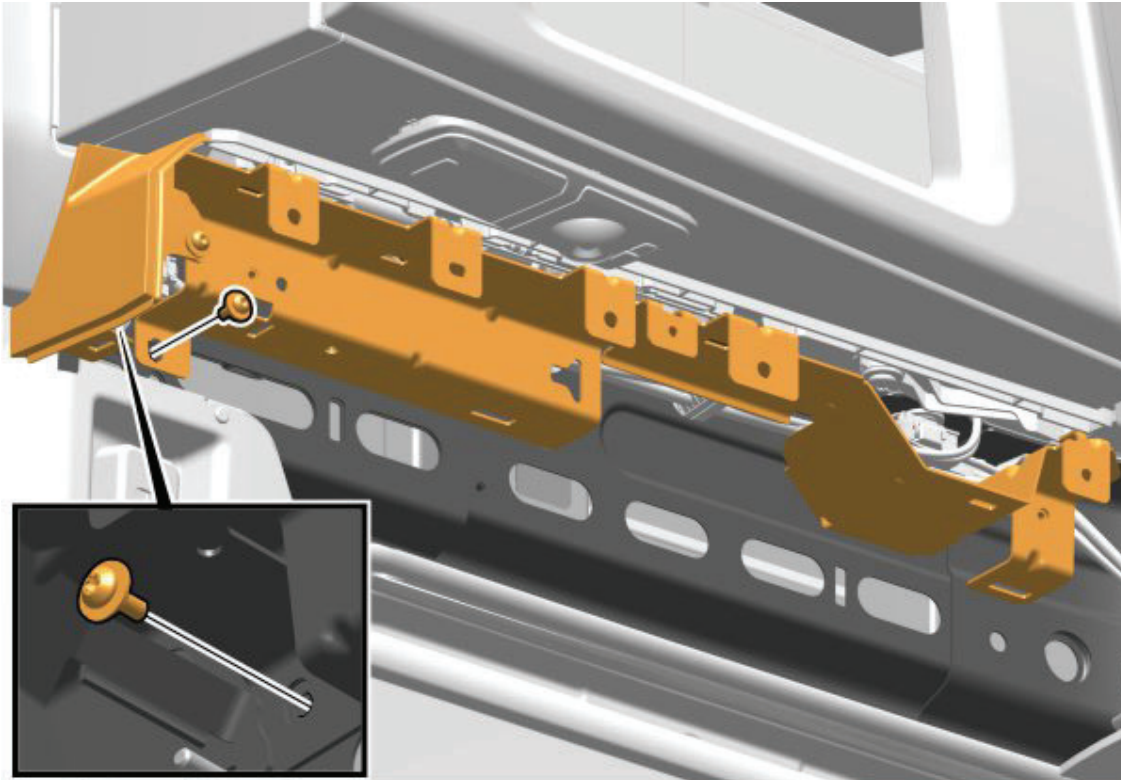


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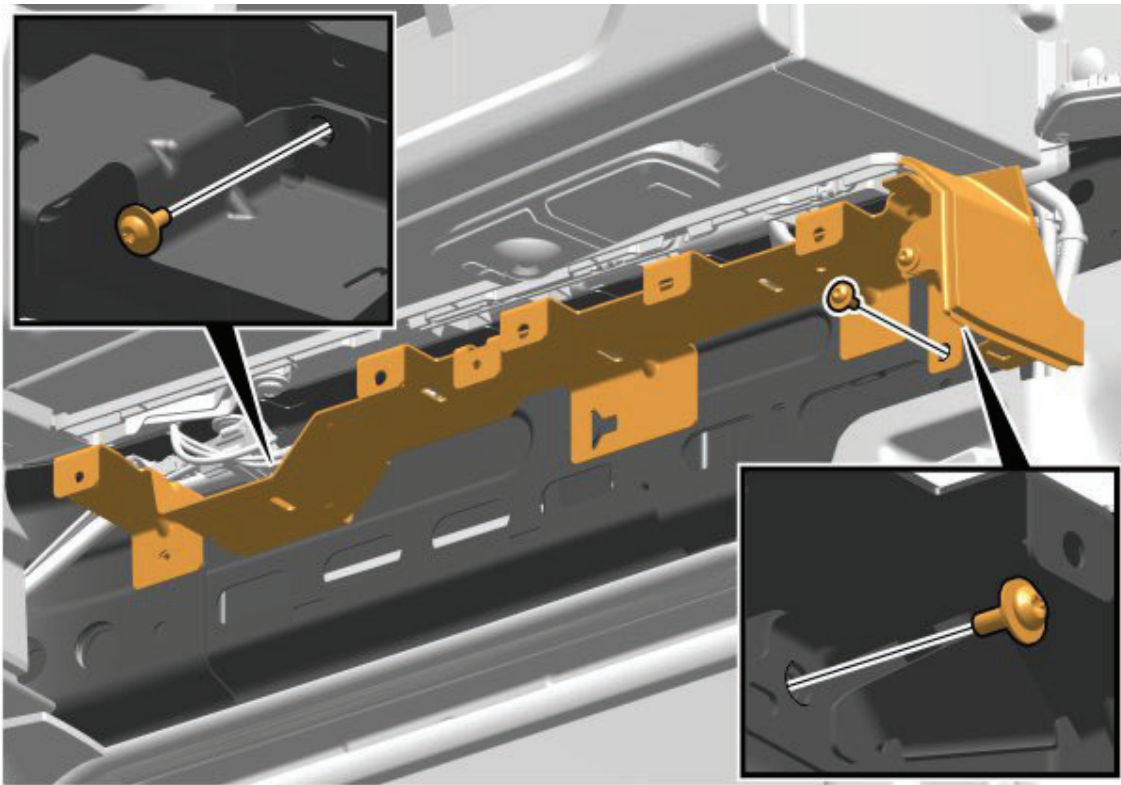
36	Remove the screws.
----	--------------------

37	Remove the bracket.
----	---------------------



38	Remove the screws.
----	--------------------

39	Remove the bracket.
----	---------------------



- | | |
|----|--------------------------------|
| 40 | Remove the loudspeaker grille. |
|----|--------------------------------|



- | | |
|----|-----------------------|
| 41 | Remove the cable tie. |
|----|-----------------------|

- | | |
|----|----------------------------|
| 42 | Disconnect the connectors. |
|----|----------------------------|

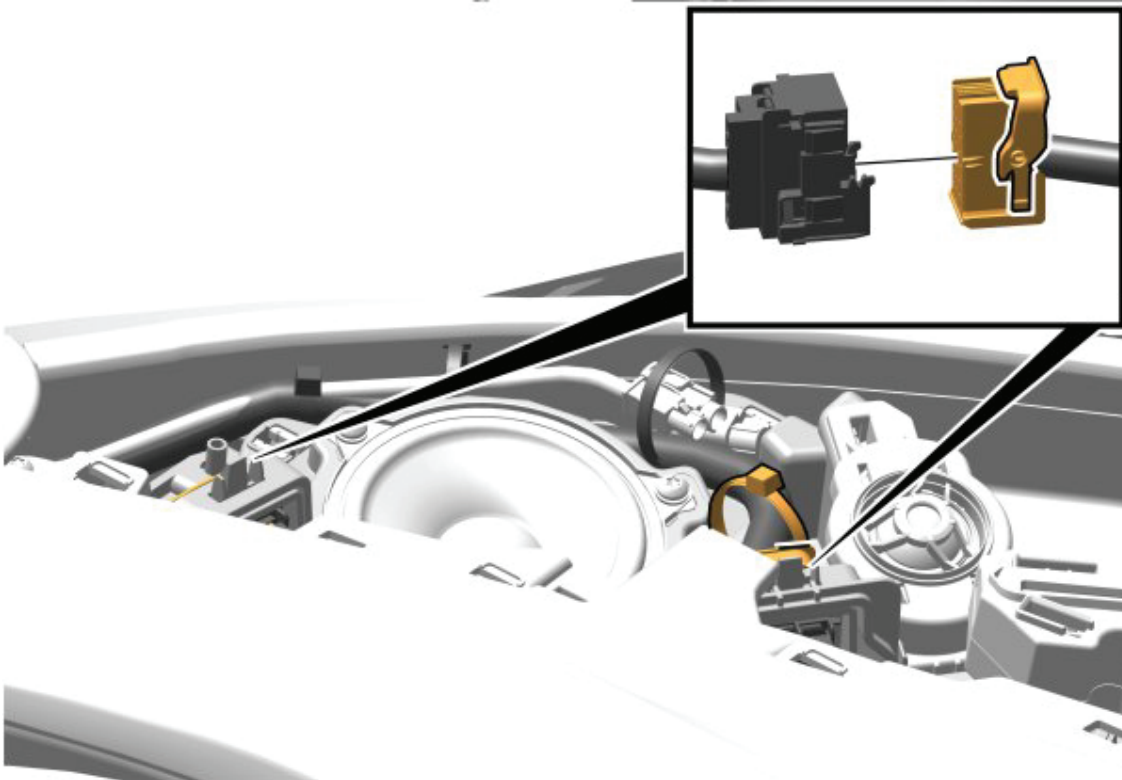
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Note the positions.



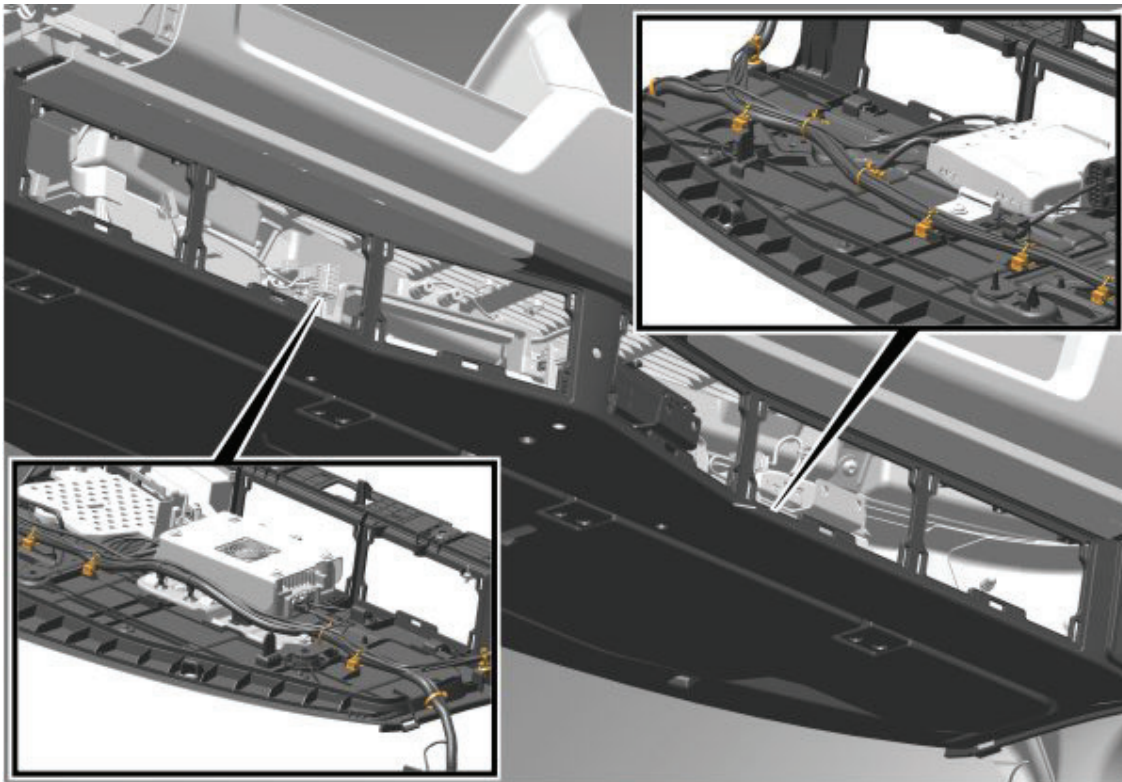
- 43 Perform the same procedures on the other side.

- 44 Remove the cable ties as needed.

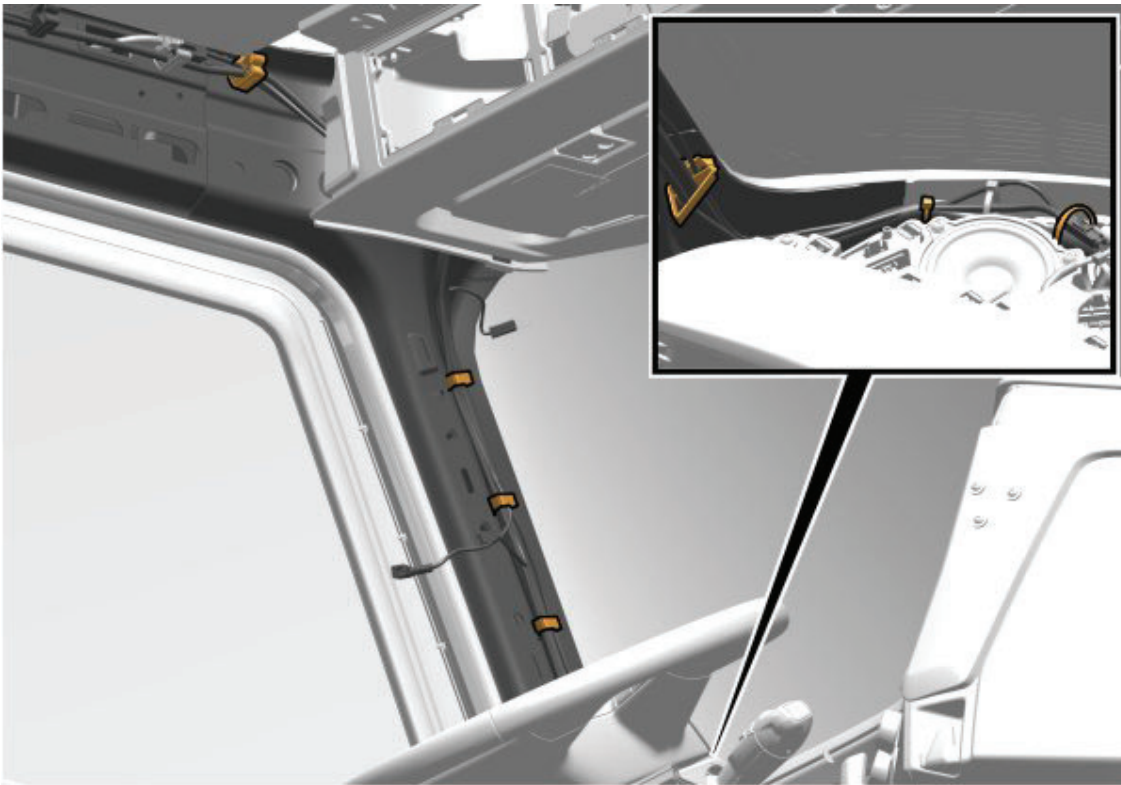


Note

Note the positions.



45	Remove the retainers.  Note Note the positions.
46	Remove the cable ties.  Note Note the positions.

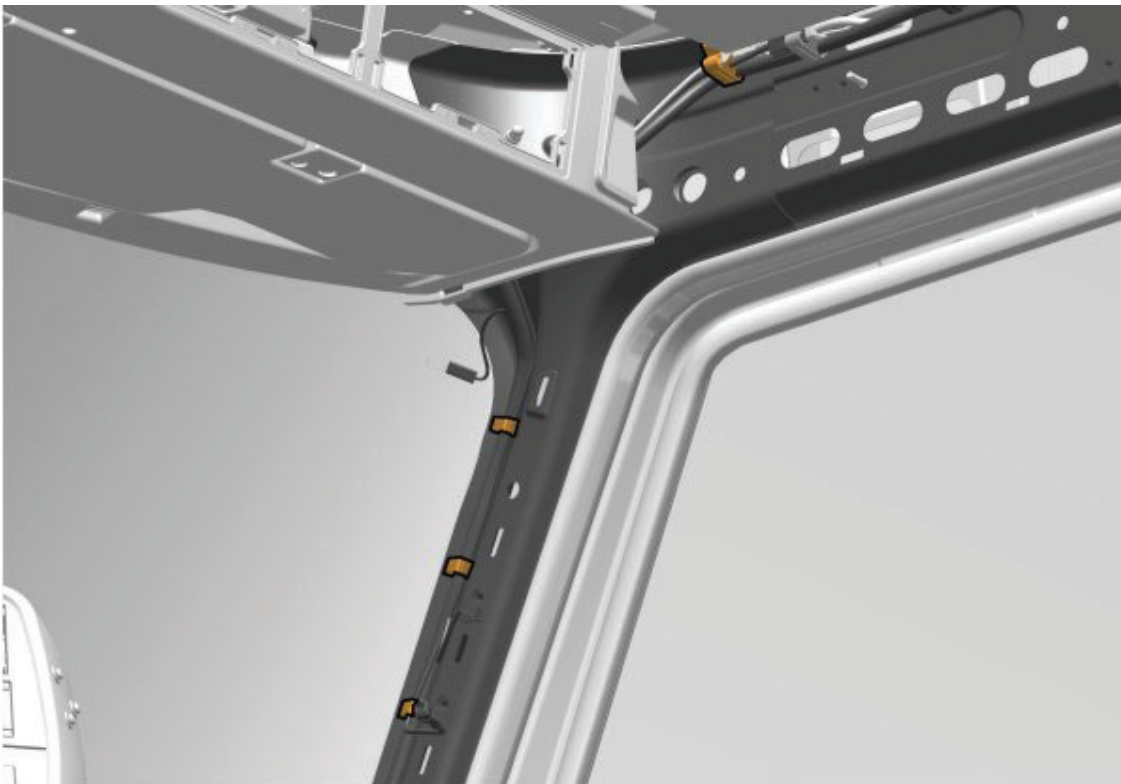


47 Remove the retainers.



Note

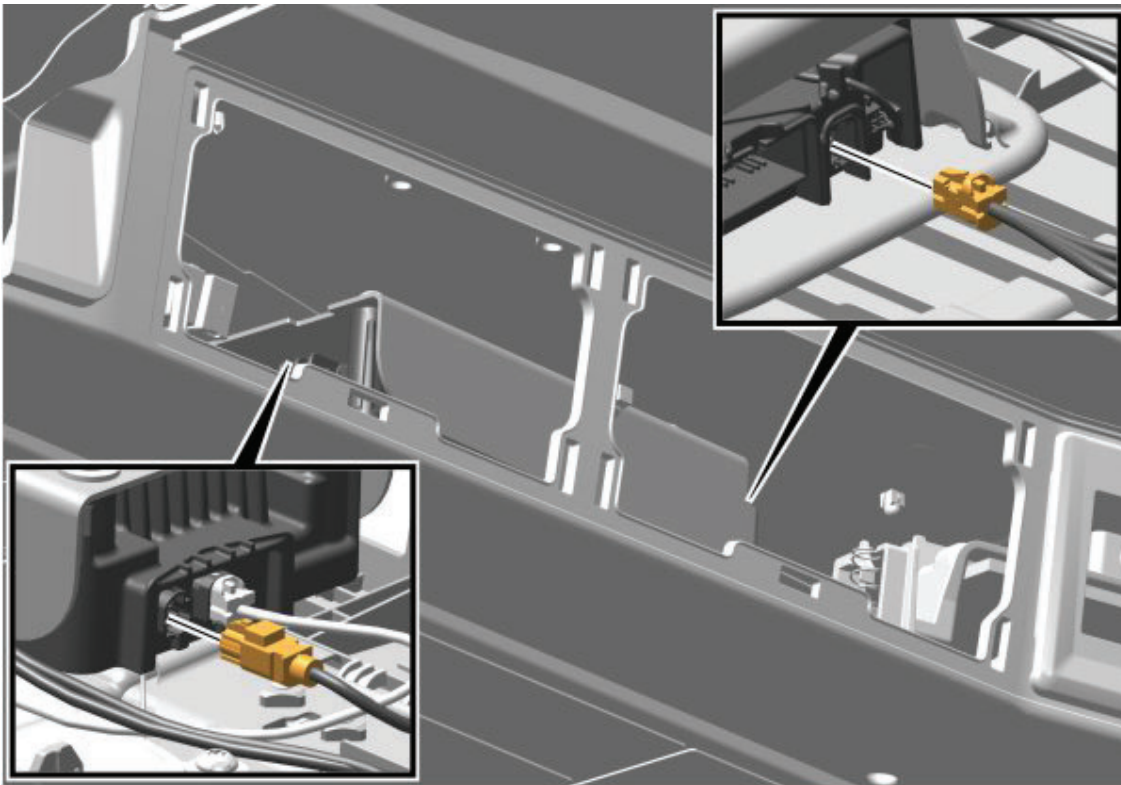
Note the positions.



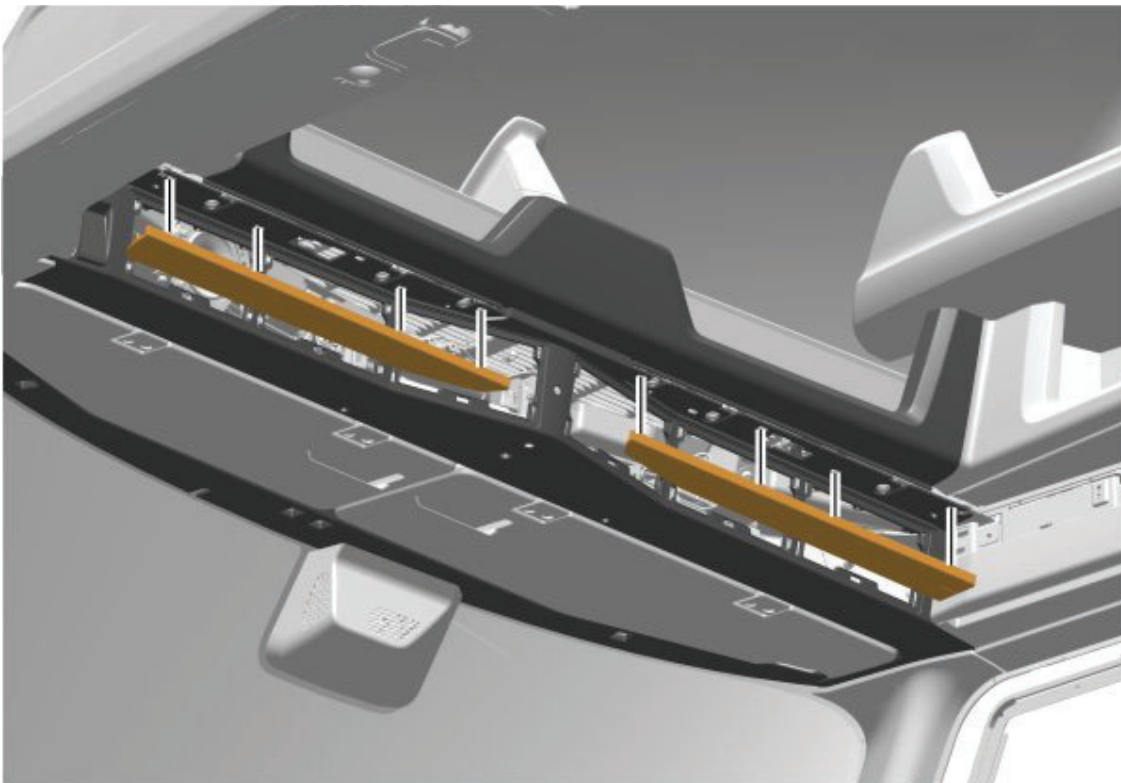
48 Disconnect the connectors.

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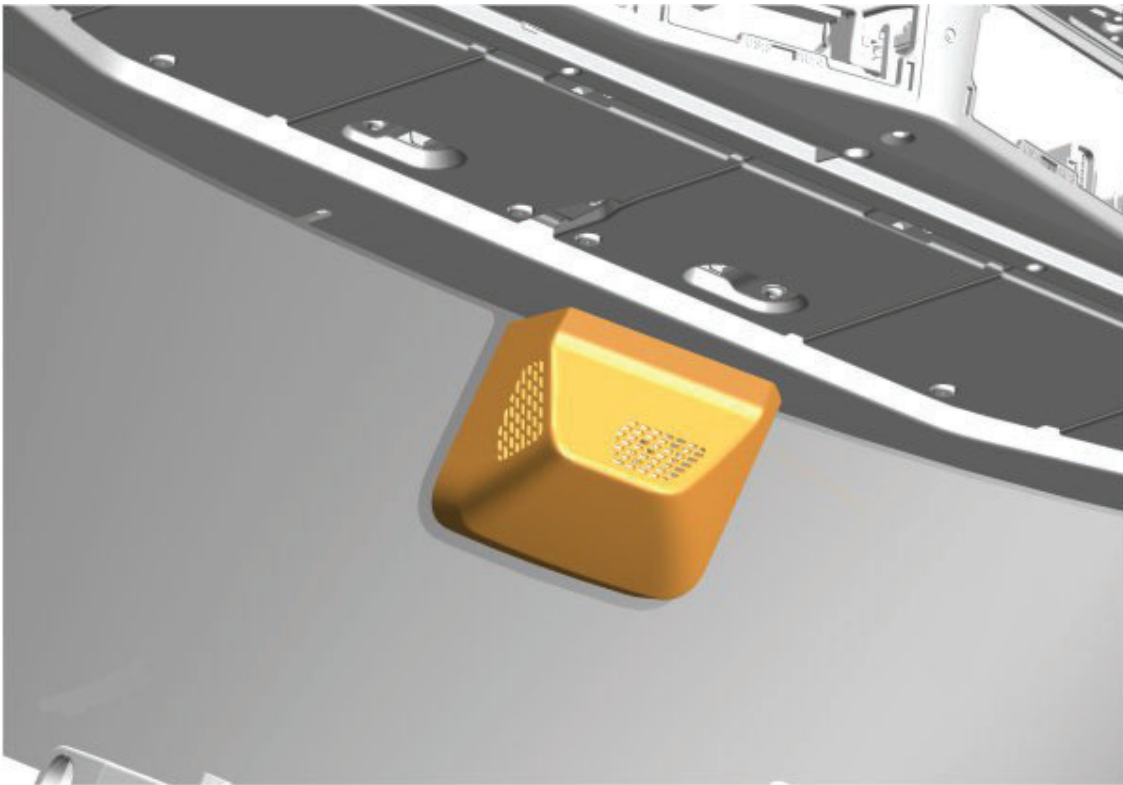
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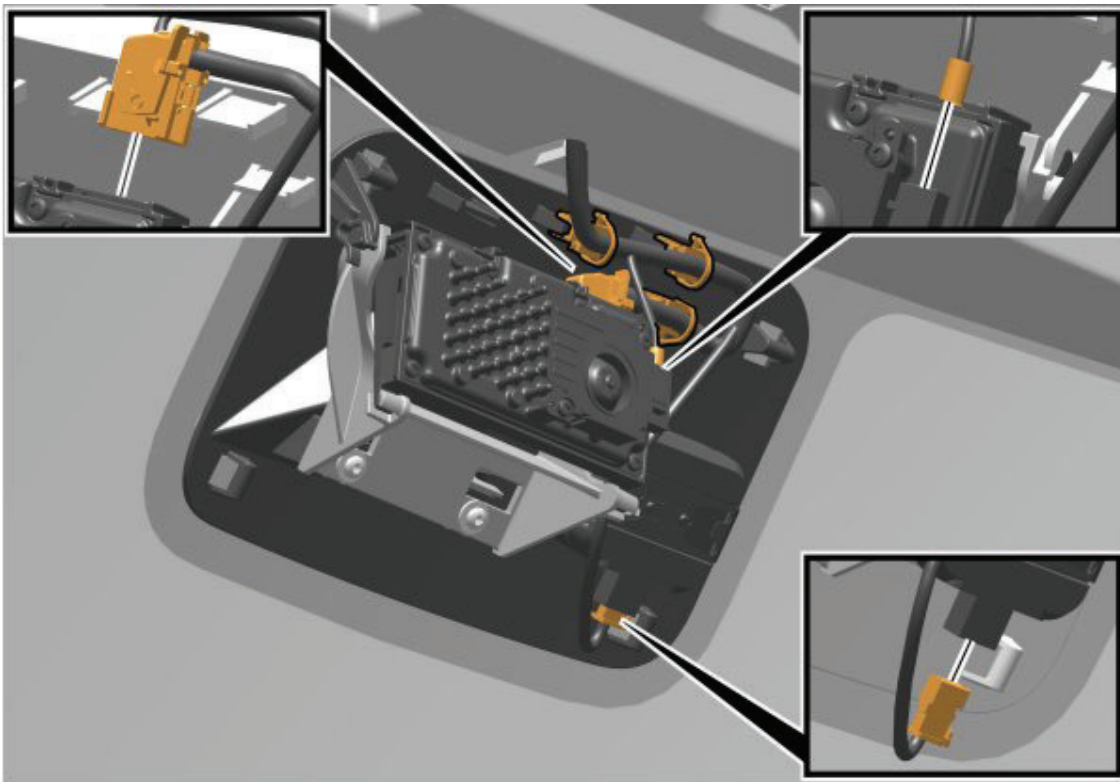
49	Remove the covers.
----	--------------------



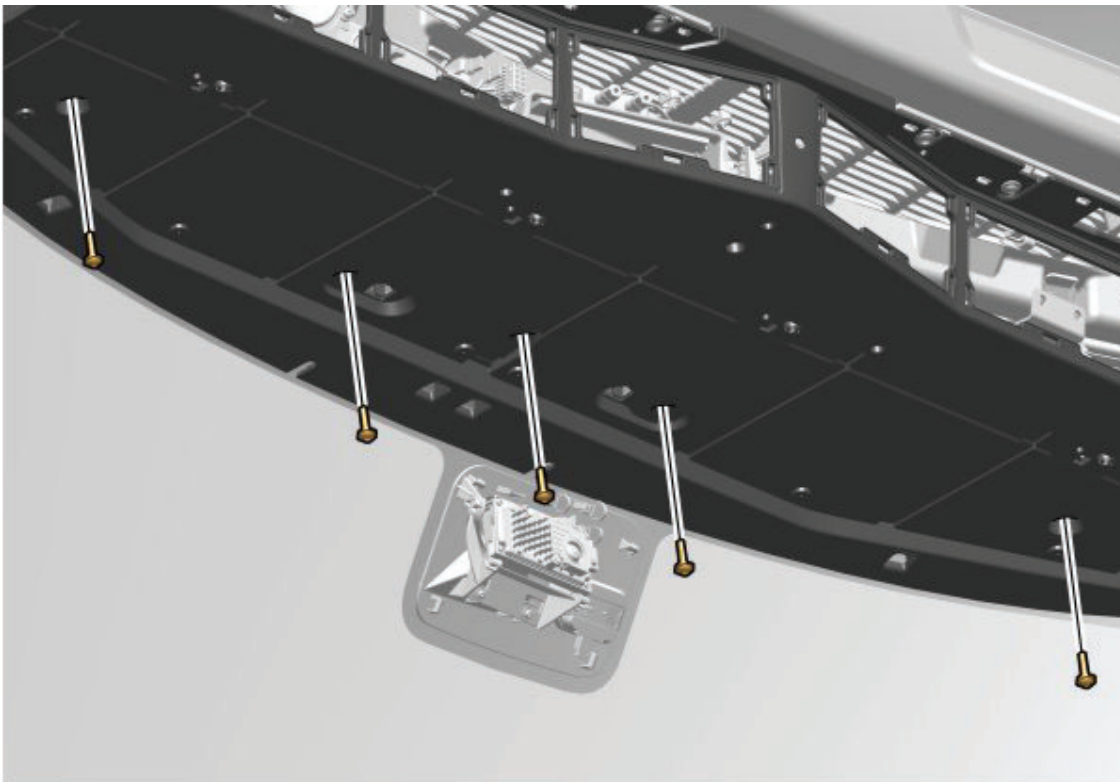
50	Remove the cover.
----	-------------------



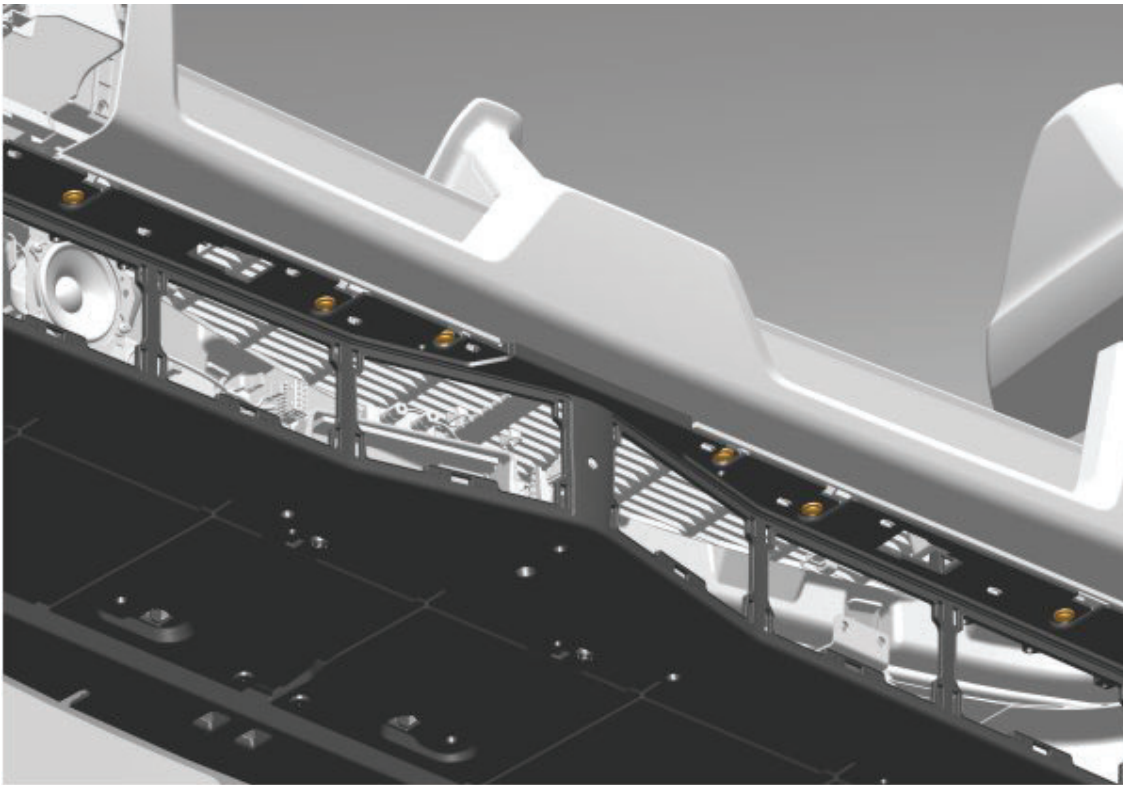
51	Remove the cable ties.		
	<table><tr><td></td><td>Note Note the positions.</td></tr></table>		Note Note the positions.
	Note Note the positions.		
52	Disconnect the connectors.		
	<table><tr><td></td><td>Note Note the positions.</td></tr></table>		Note Note the positions.
	Note Note the positions.		



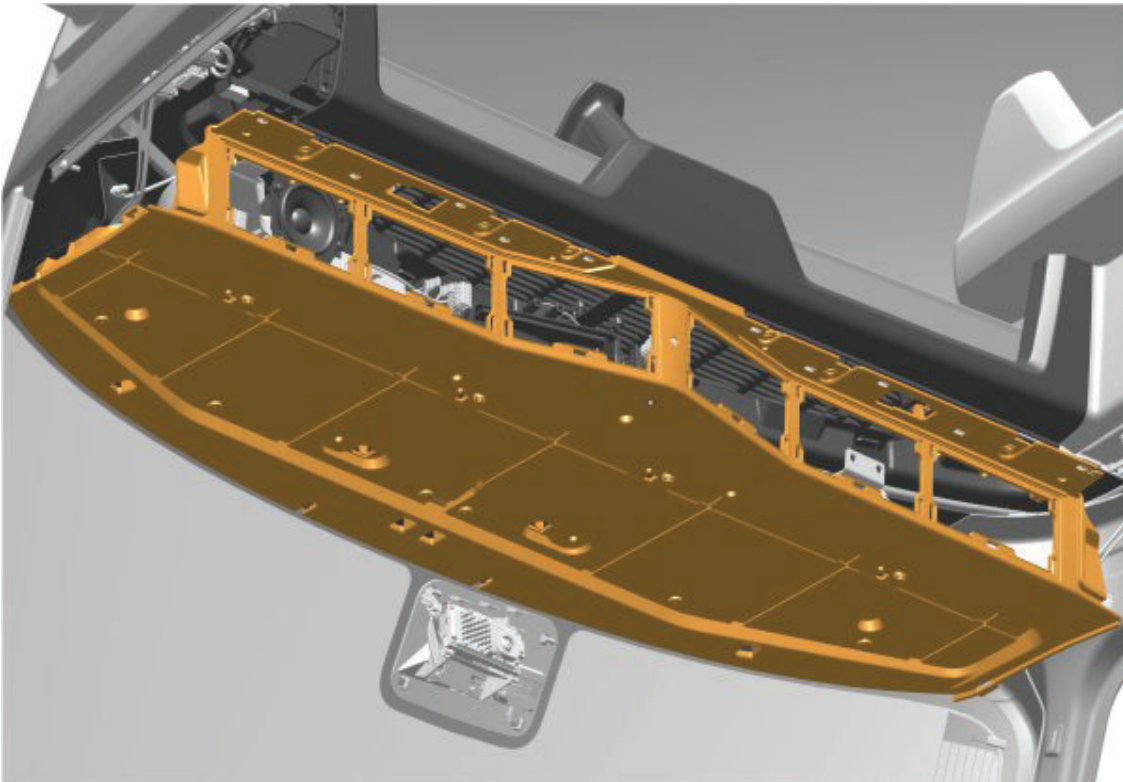
53 Remove the screws.



54 Loosen the screws.



55	Move aside the radio box.
----	---------------------------

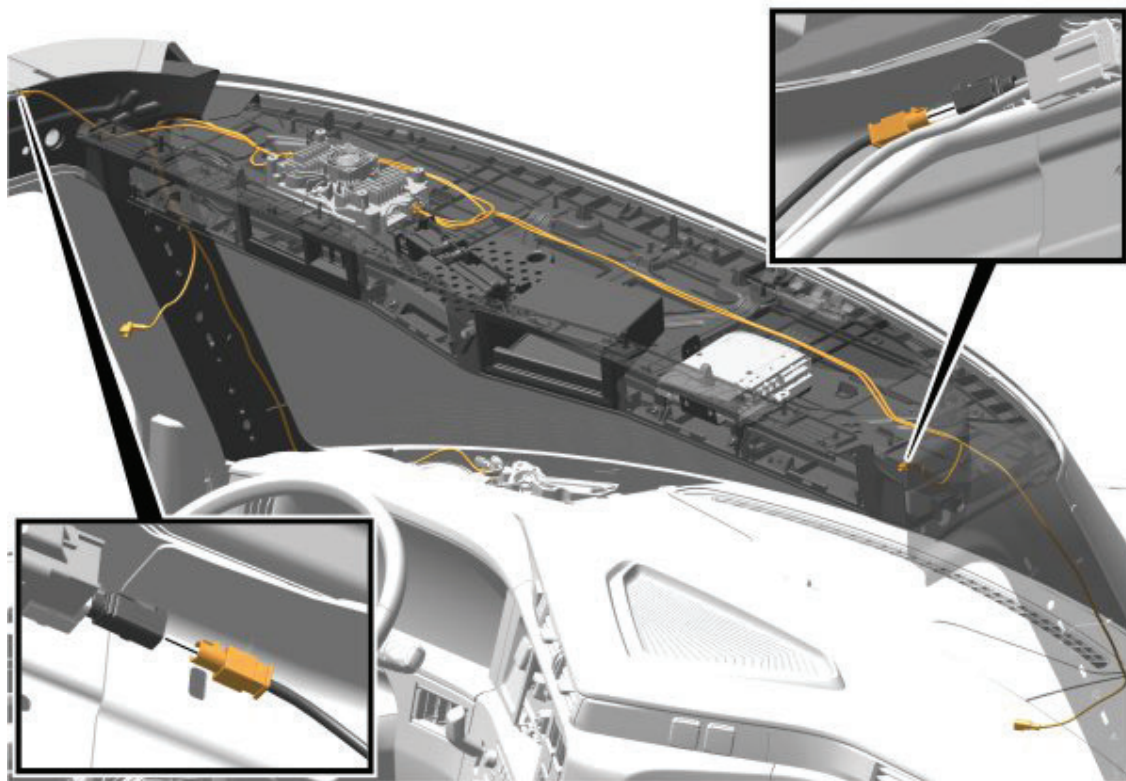


56	Disconnect the connectors.
----	----------------------------

**Note**

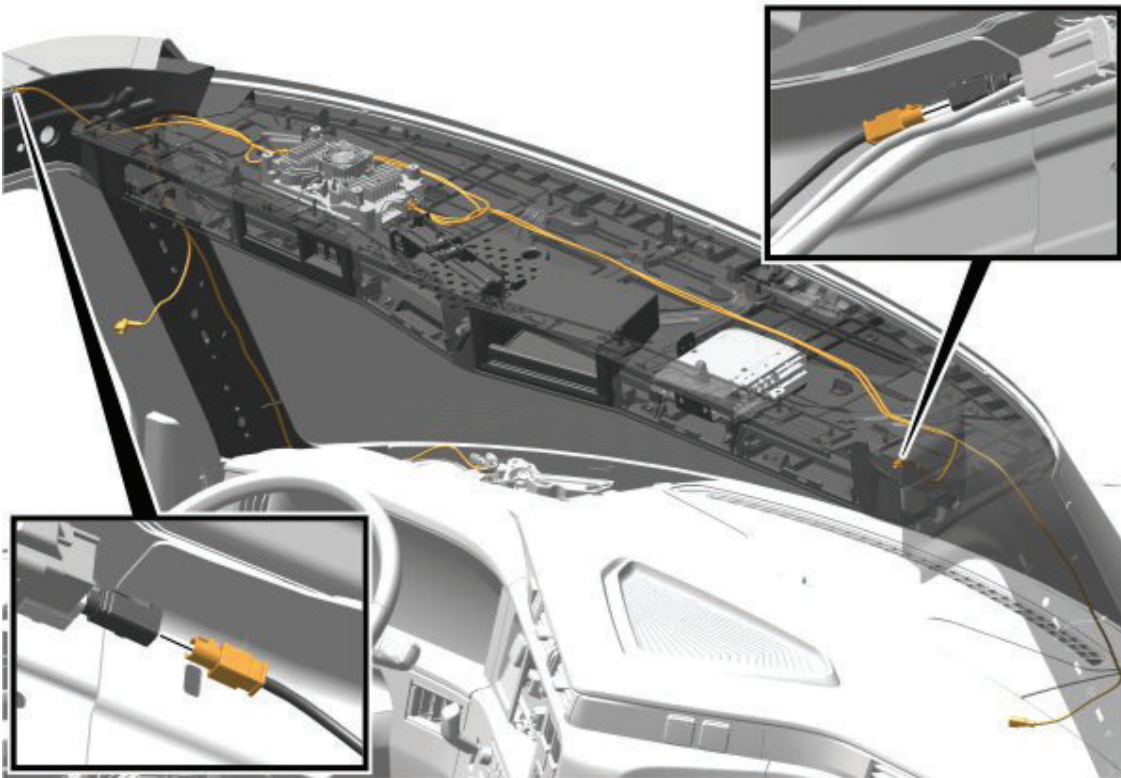
Note the positions.

57	Remove the wiring harness.
	Note Note the routing.

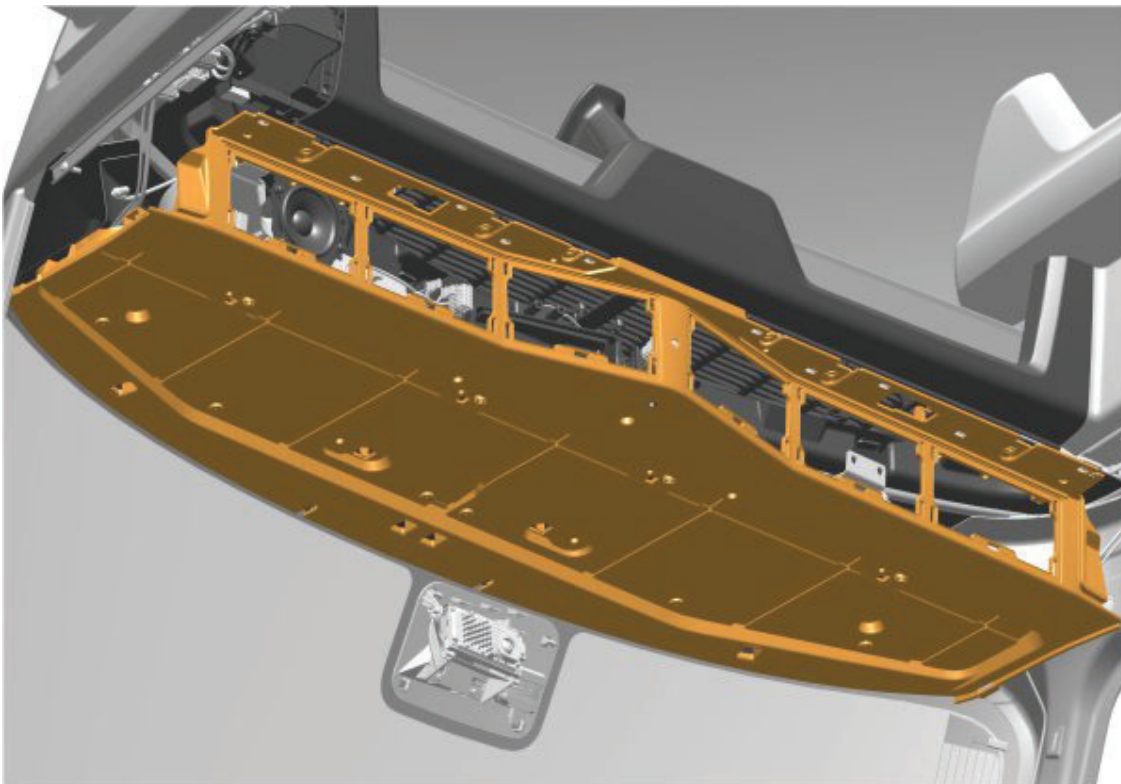


58	Install the wiring harness.
	Note As noted.

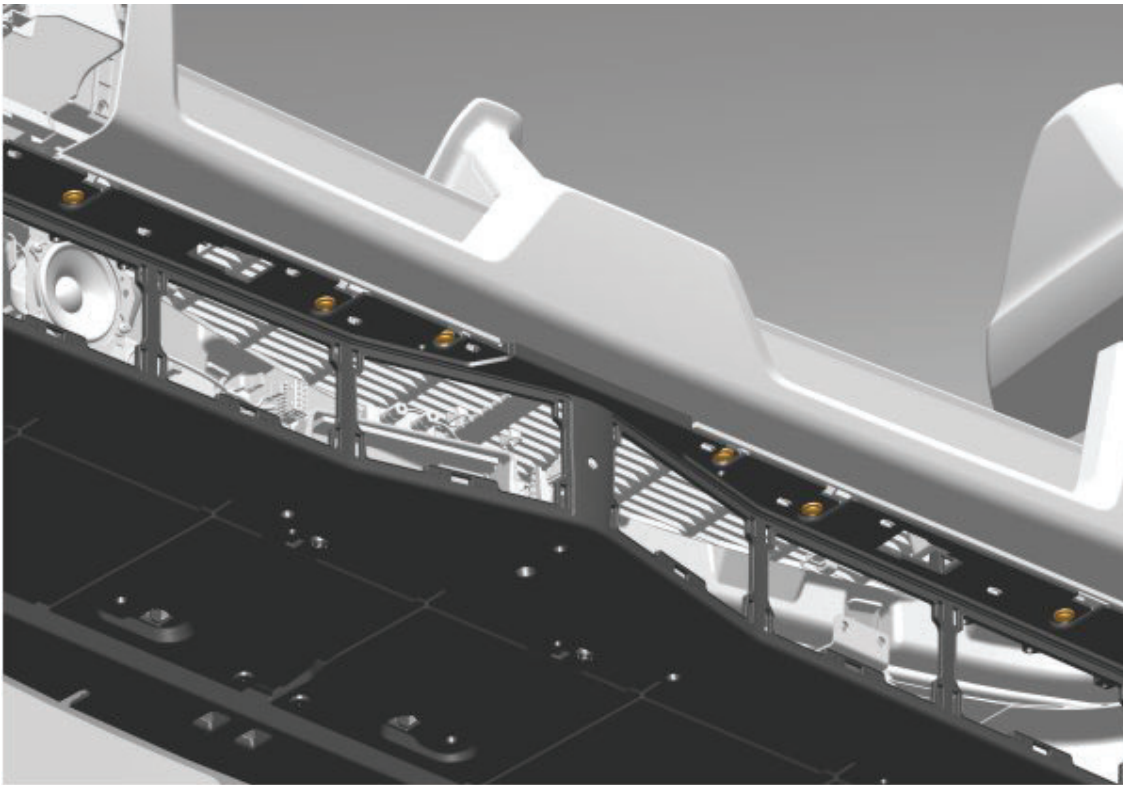
59	Connect the connectors.
	Note As noted.



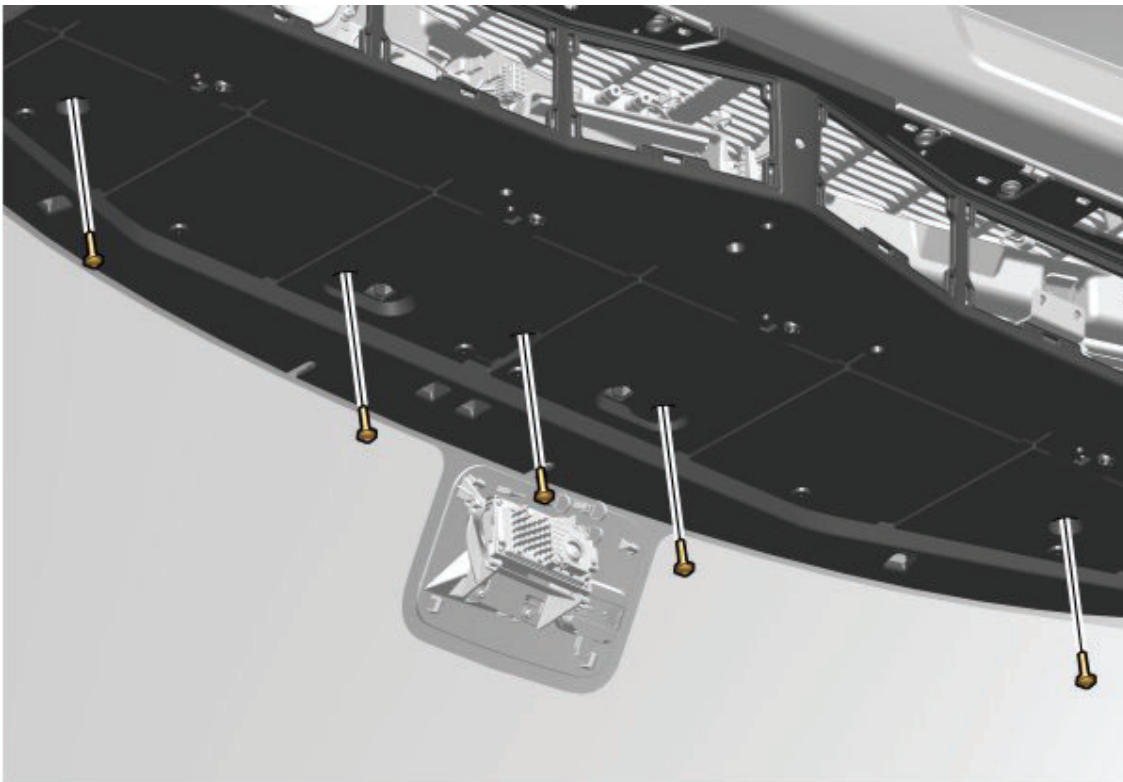
60	Position the radio box.
----	-------------------------



61	Tighten the screws.
----	---------------------



62	Install the screws.
----	---------------------



63	Connect the connectors.
----	-------------------------



Note As noted.

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64 Install the cable ties.



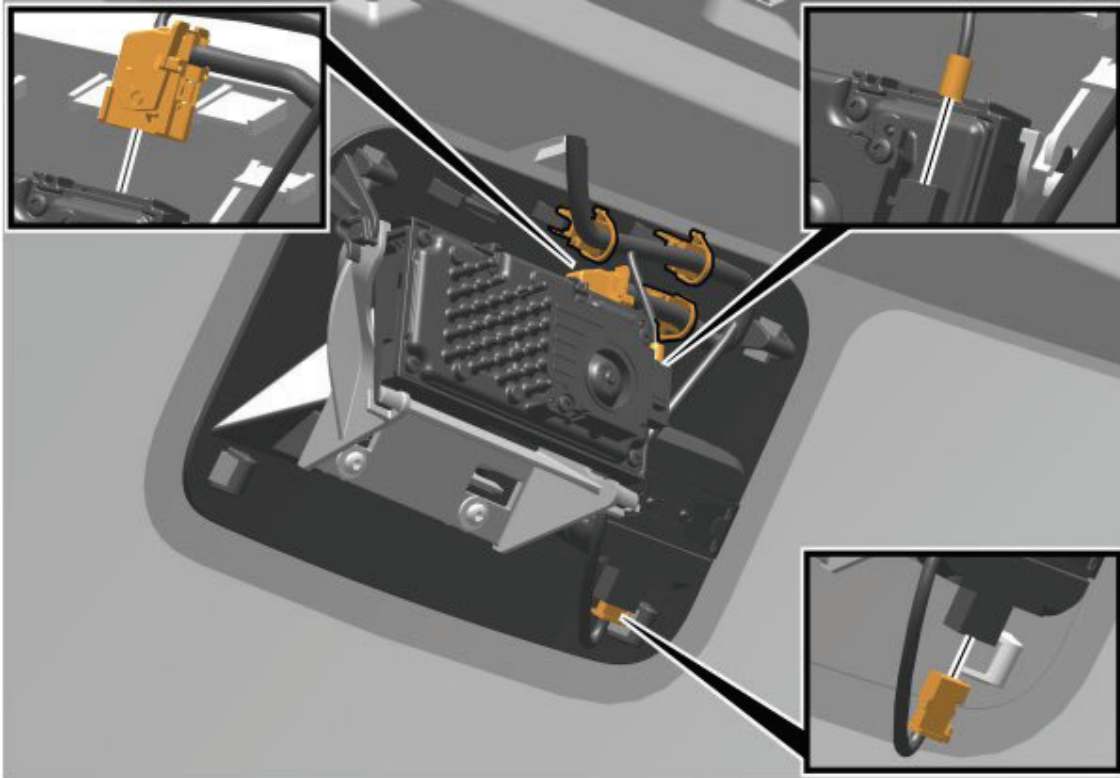
Note

Use new parts.

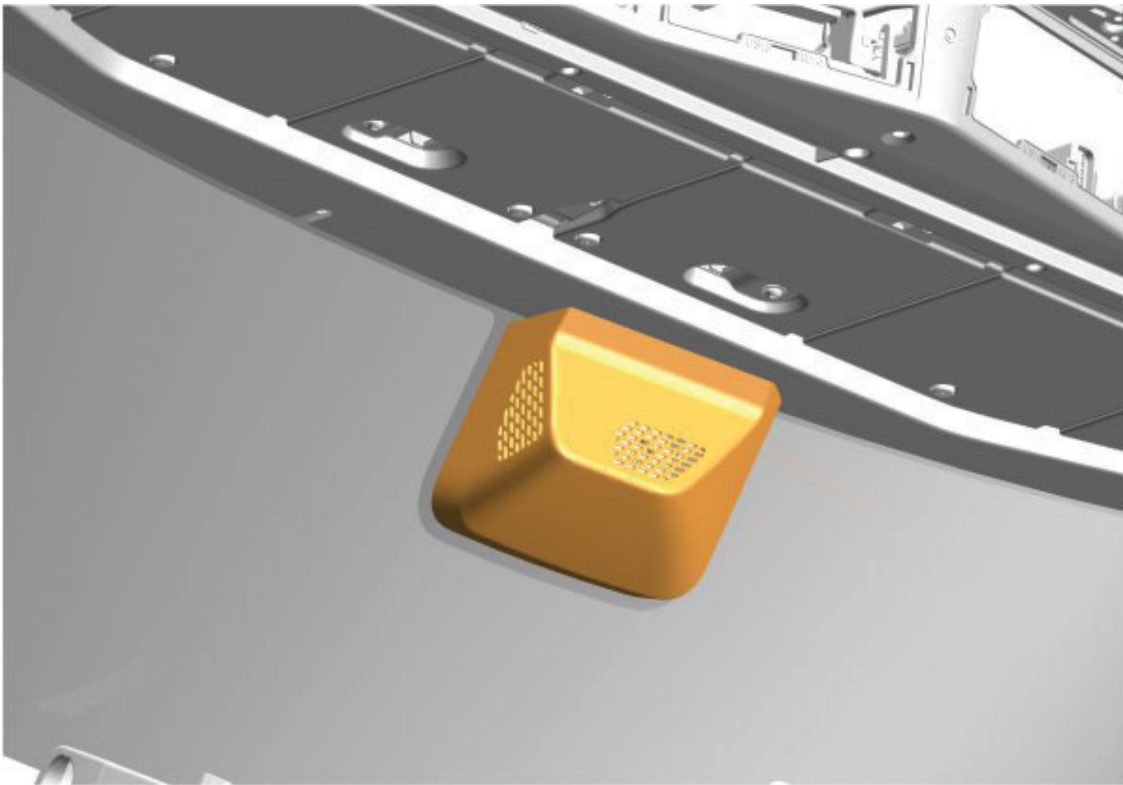


Note

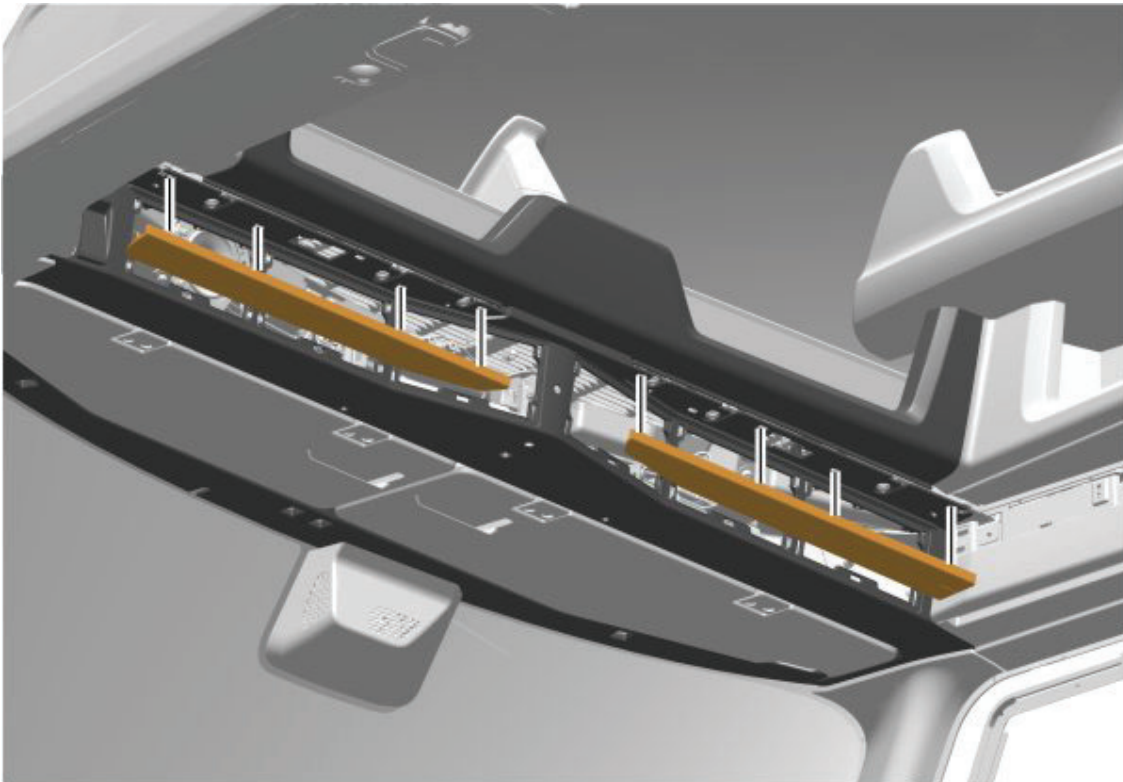
As noted.



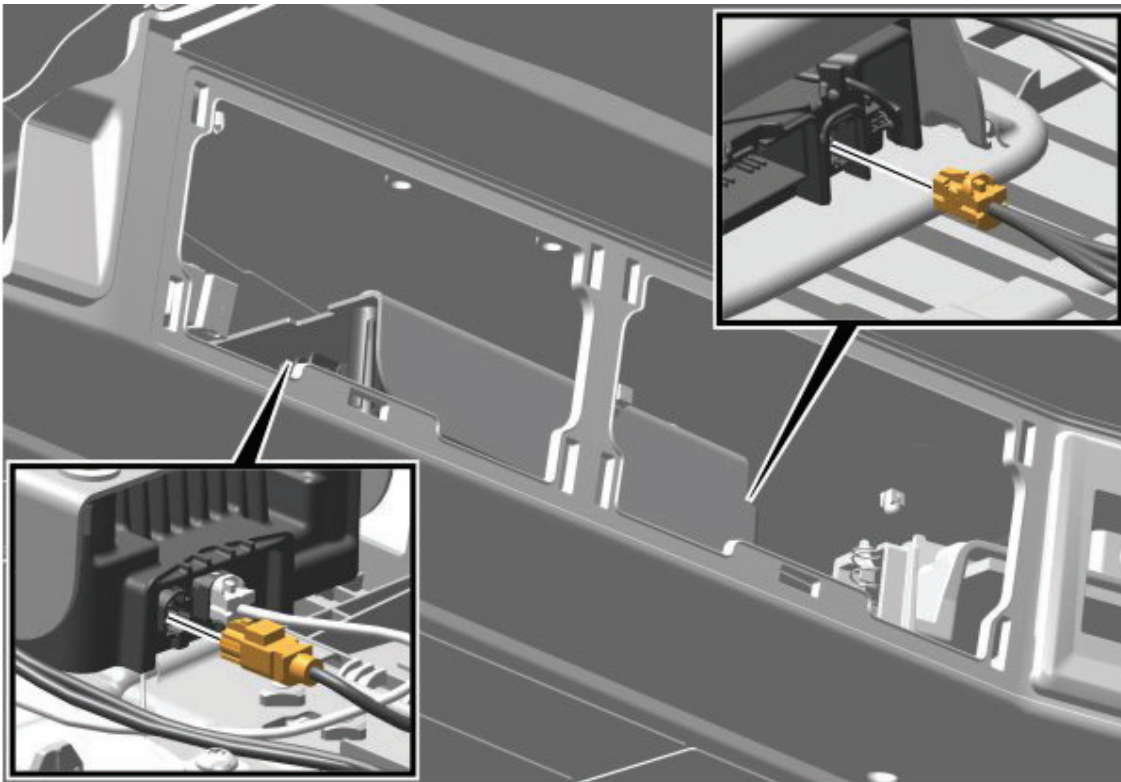
65 Install the cover.



66	Install the covers.
----	---------------------



67	Connect the connectors.
----	-------------------------

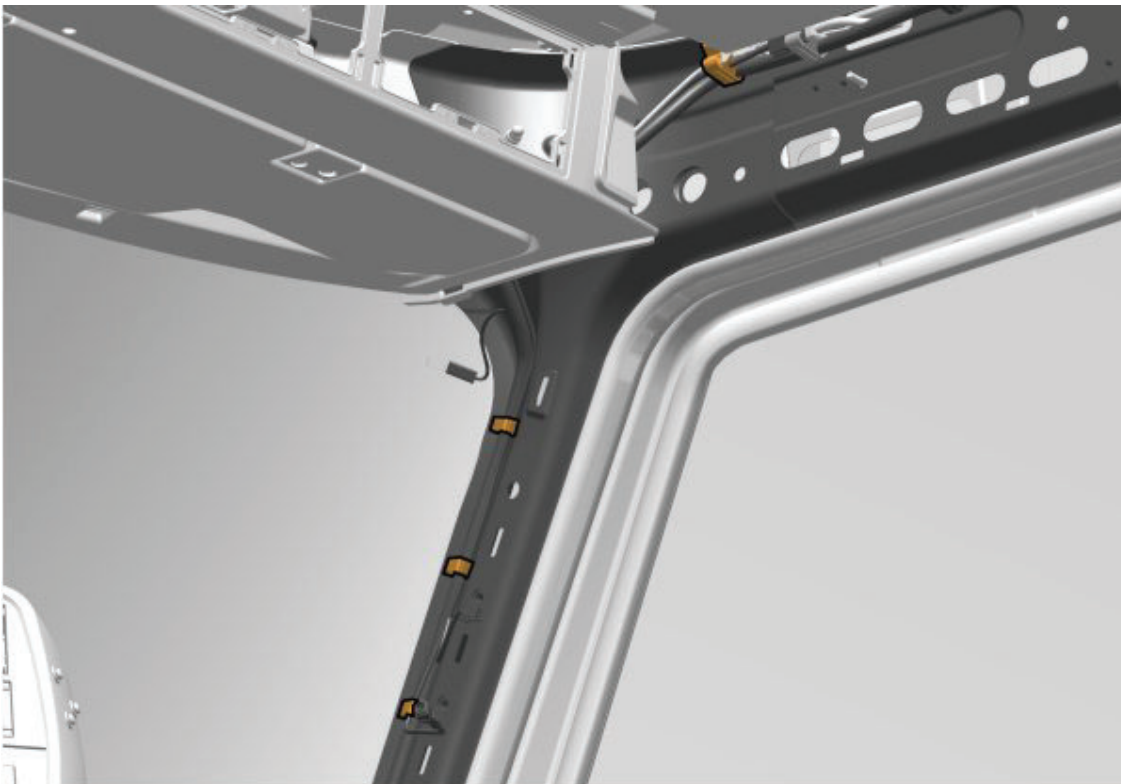


68 Install the retainers.



Note

As noted.



69 Install the retainers.

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Note
As noted.

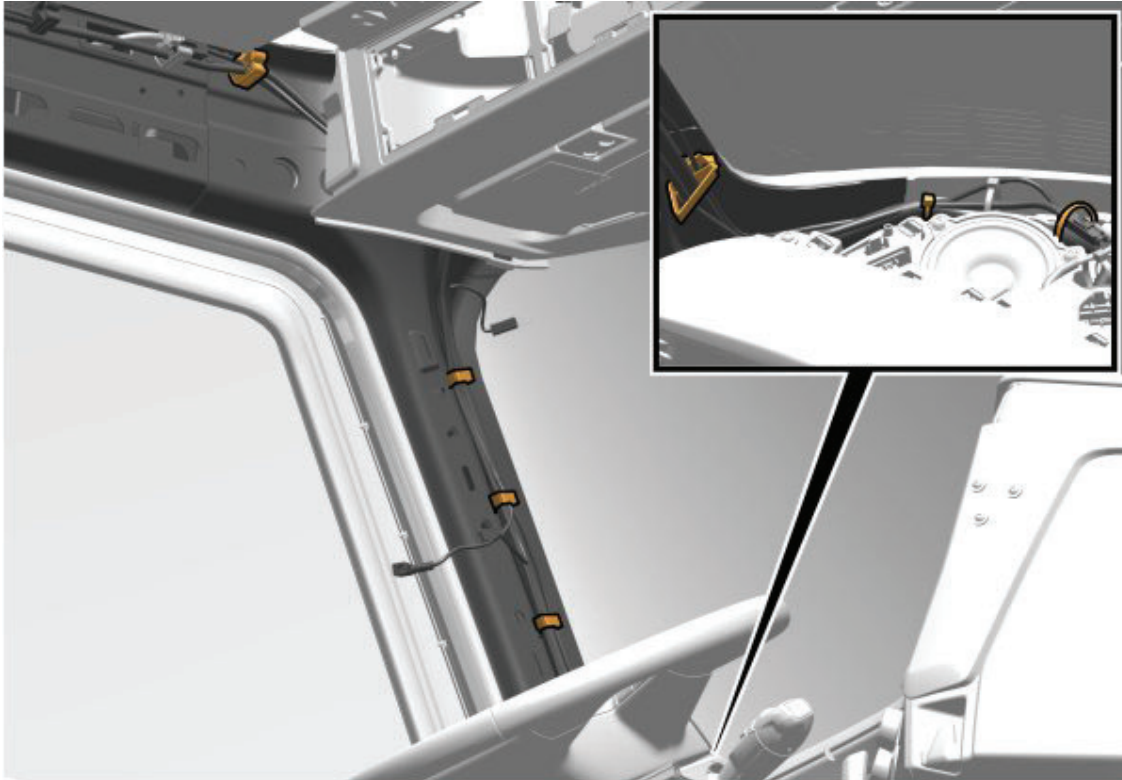
70 Install the cable ties.



Note
Use new parts.



Note
As noted.



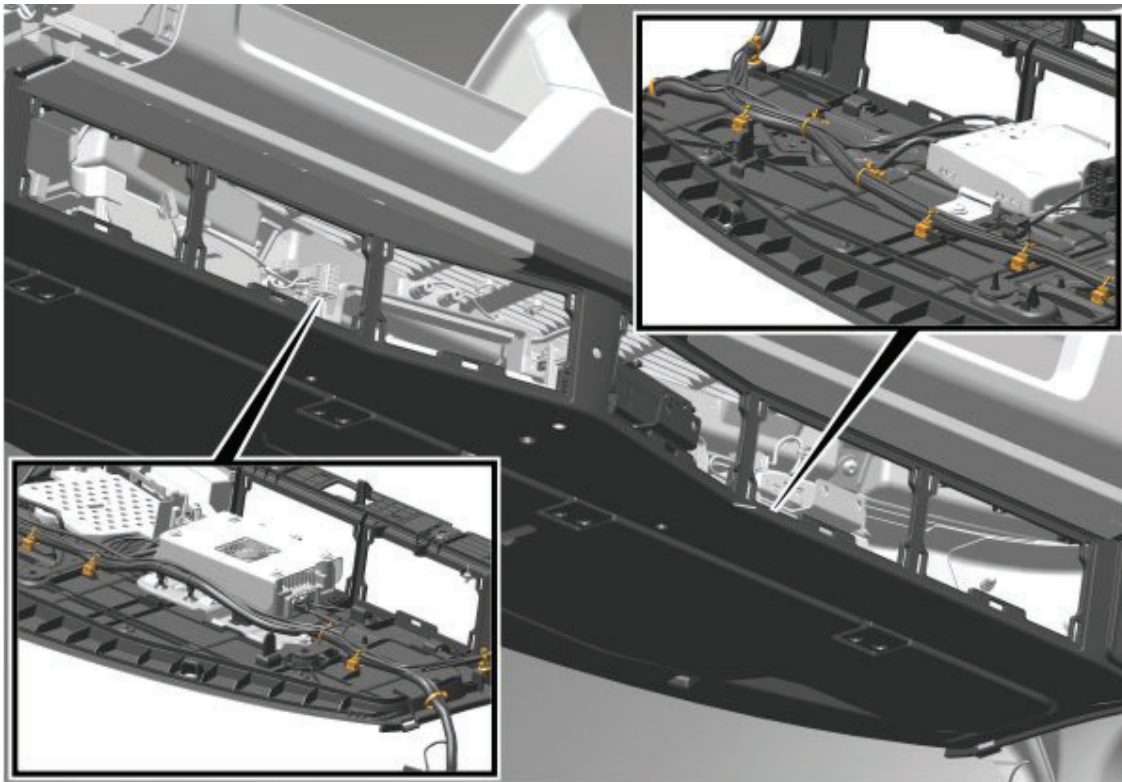
71 Install the cable ties.



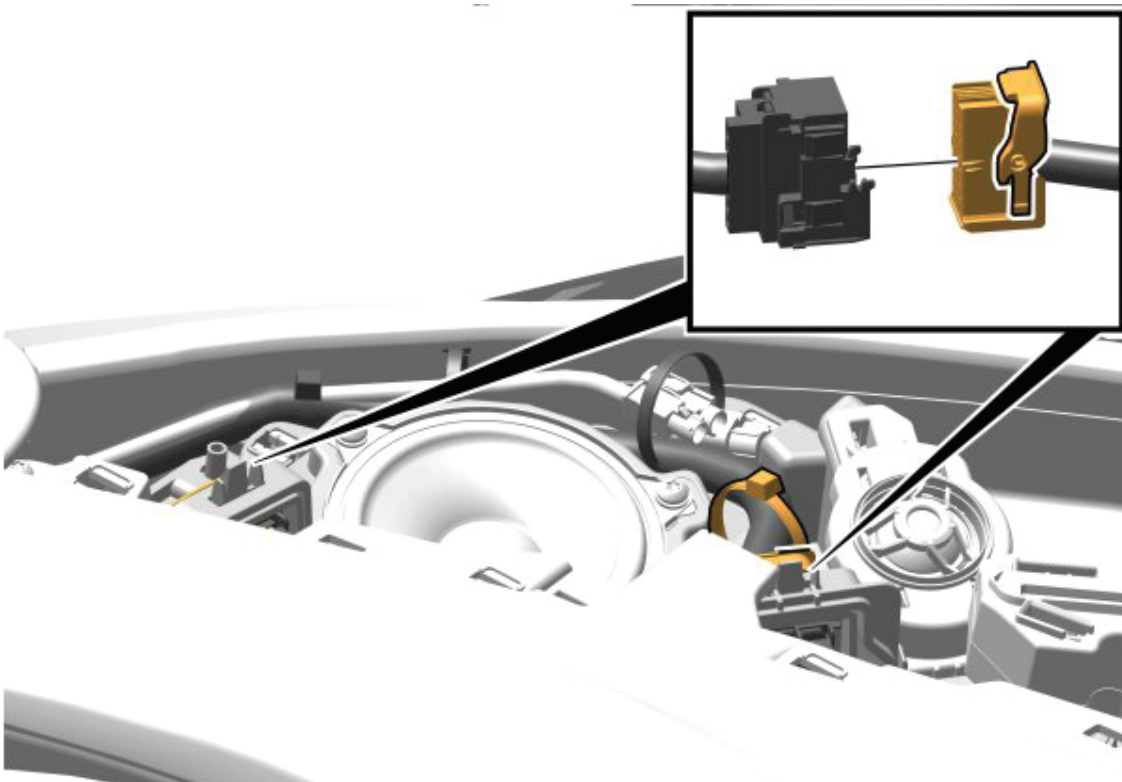
Note
Use new parts.



Note
As noted.



72	Connect the connectors. i Note As noted.
73	Install the cable tie. i Note Use a new part.



74	Install the loudspeaker grille.
----	---------------------------------



75	Perform the same procedures on the other side.
----	--

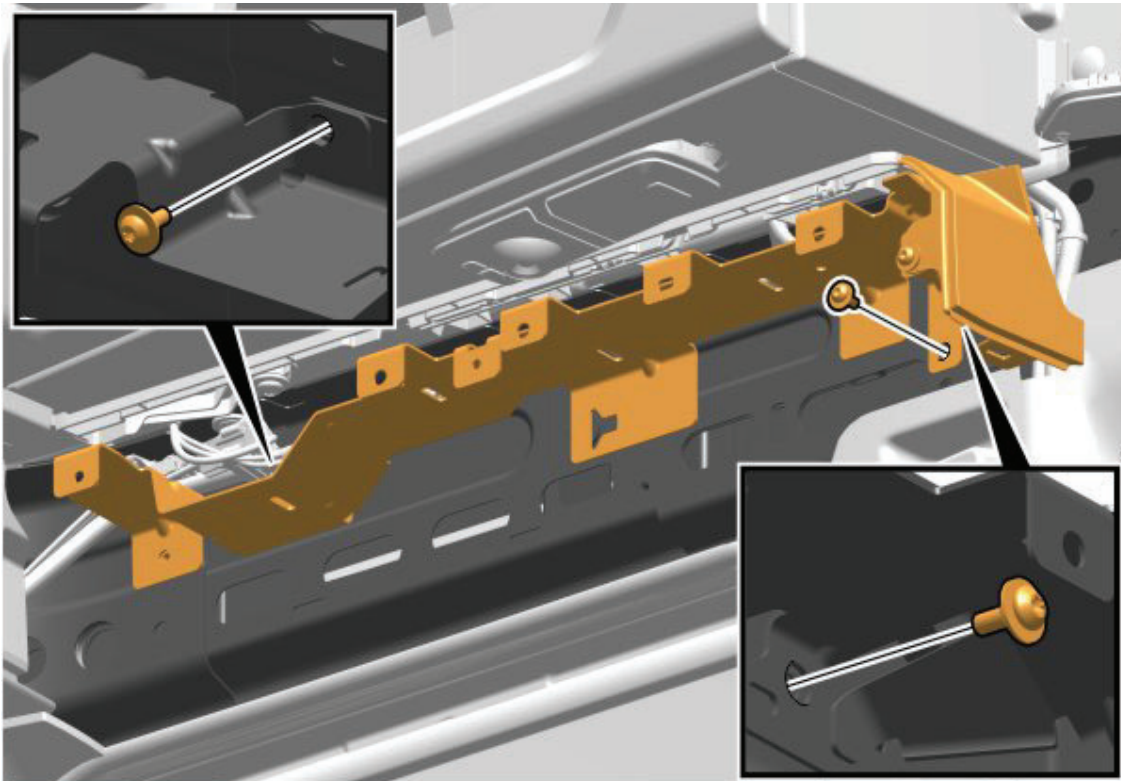
76	Install the bracket.
----	----------------------

77	Install the screws.
----	---------------------

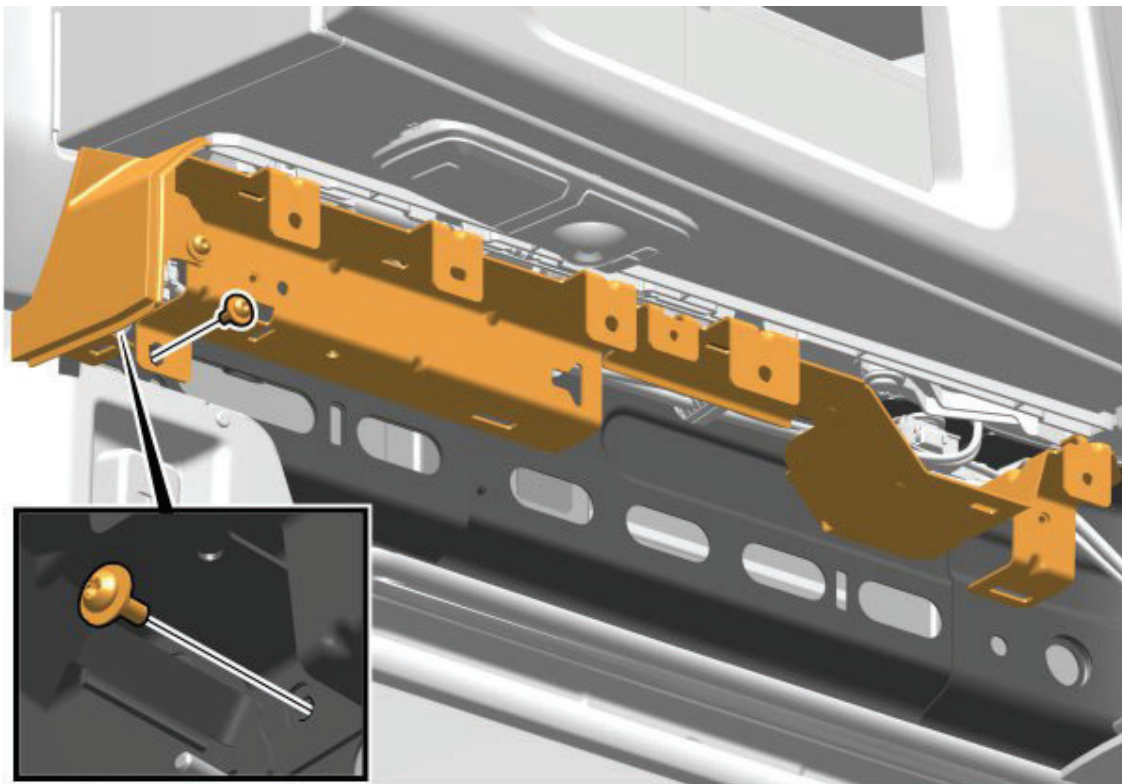
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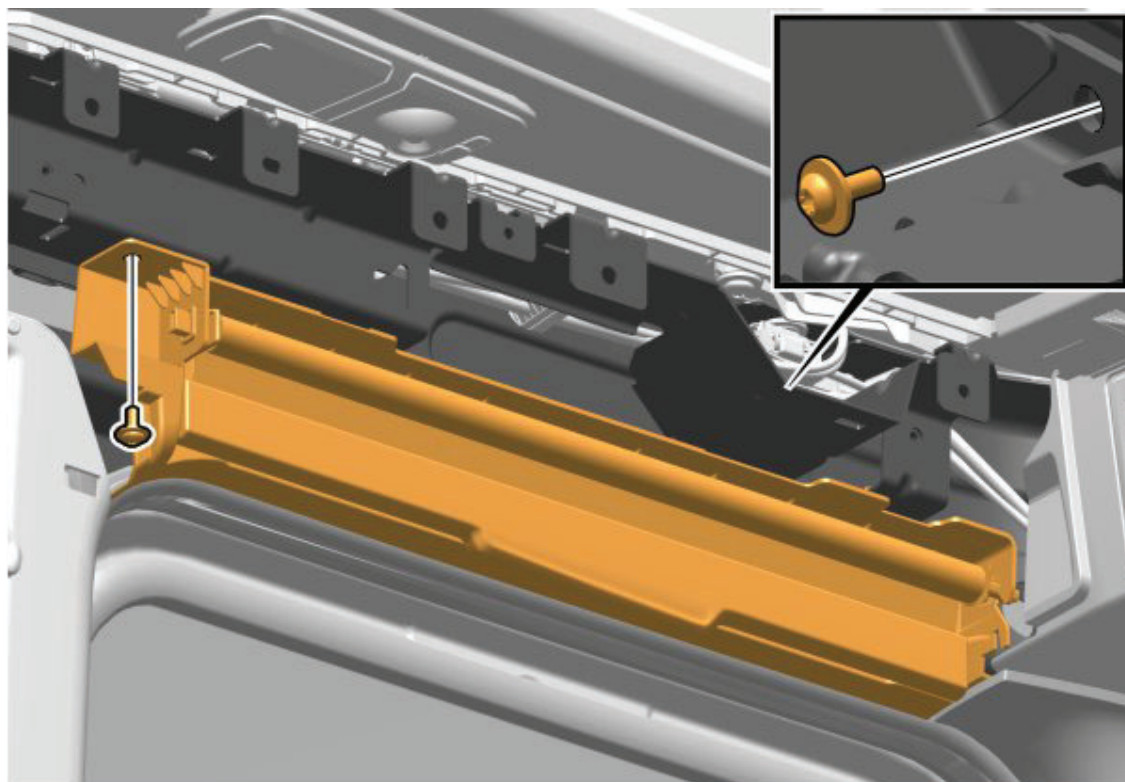
78	Torque tighten the screws.	
	Tightening torque	
	Bracket, screw	10 ±2 Nm



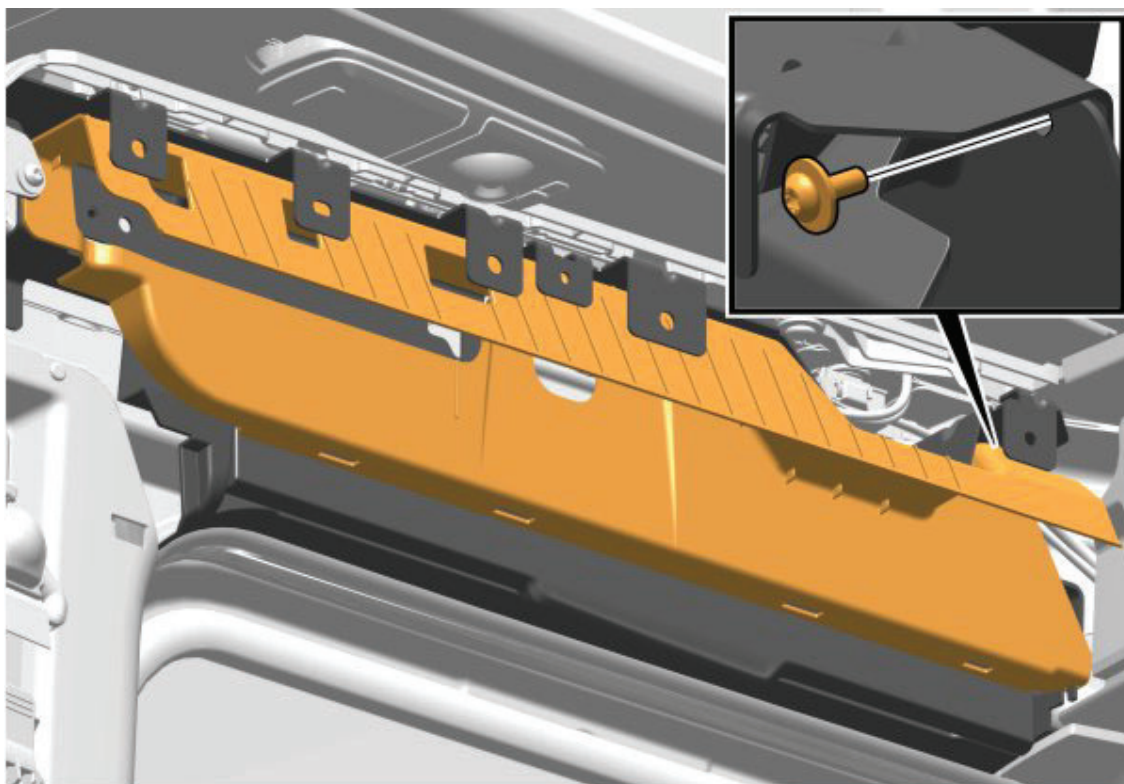
79	Install the bracket.	
80	Install the screws.	
81	Torque tighten the screws.	
	Tightening torque	
	Bracket, screw	10 ±2 Nm



82	Install the roller blind.	
83	Install the screws.	
84	Torque tighten the screws.	
	Tightening torque	
	Roller blind, screw	10 ±2 Nm



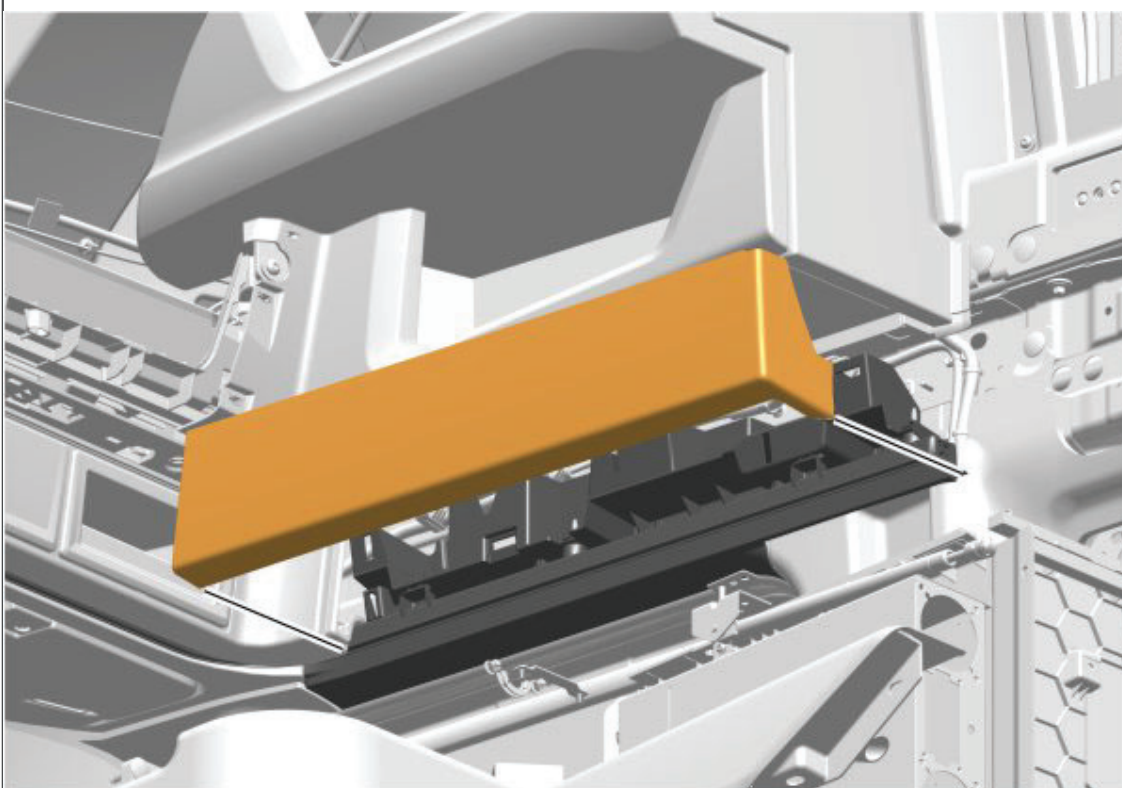
85	Install the shield.	
86	Install the screw.	
87	Torque tighten the screw.	
	Tightening torque	
	Shield, screw	10 ±2 Nm



88 This step contains 2 alternatives.
Select one of the valid alternatives below.

Alternative 1 / 2

- Install the trim panel.



Alternative 2 / 2

► Install the trim panel.

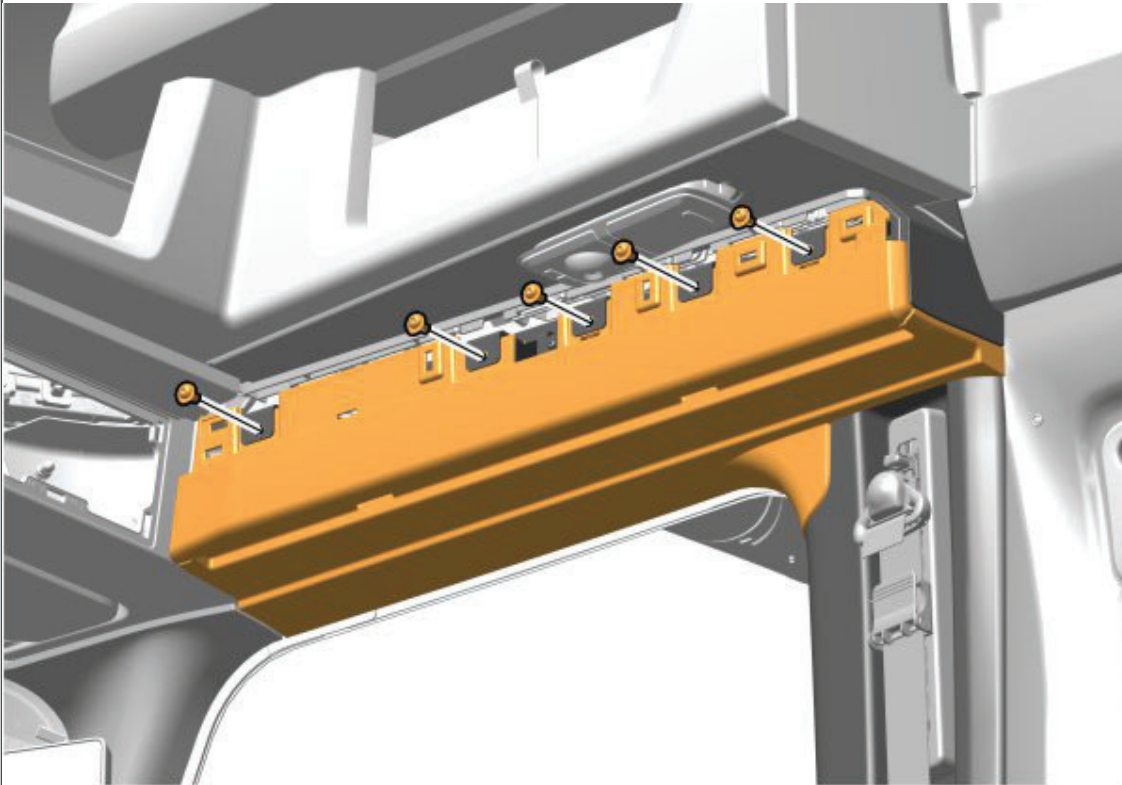
► Install the screws.

► Torque tighten the screws.

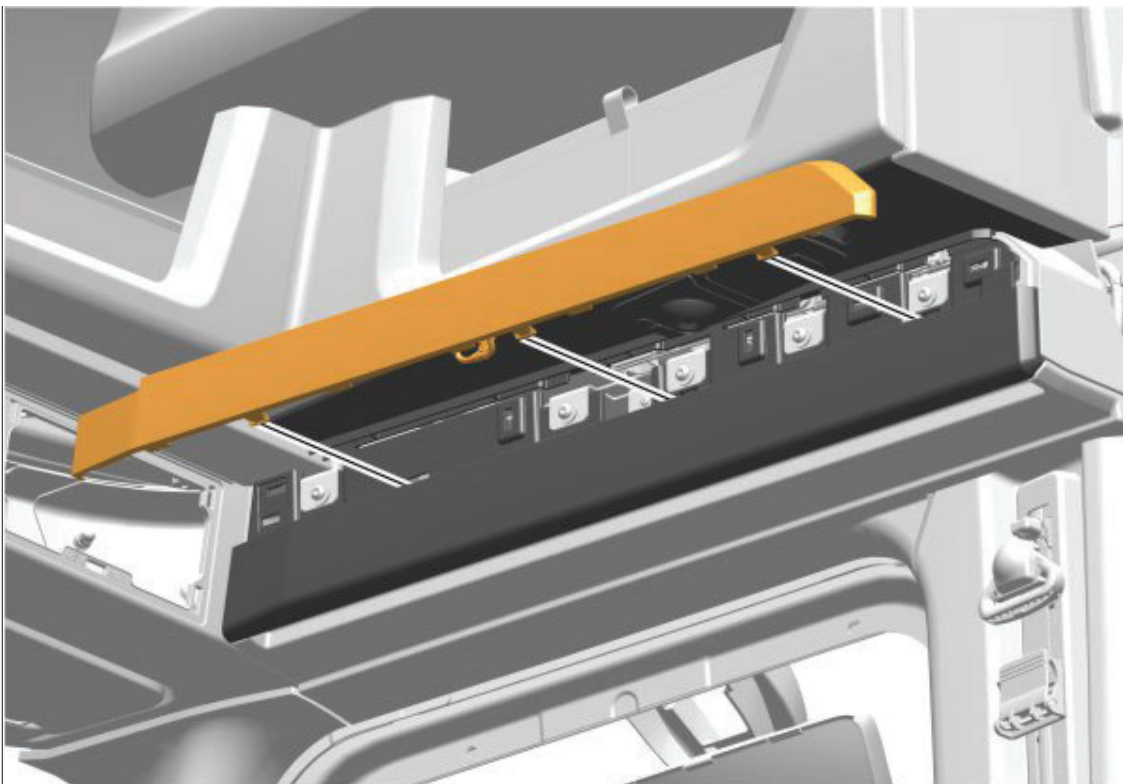
Tightening torque

Trim panel, screw

3.5 ±0.5 Nm



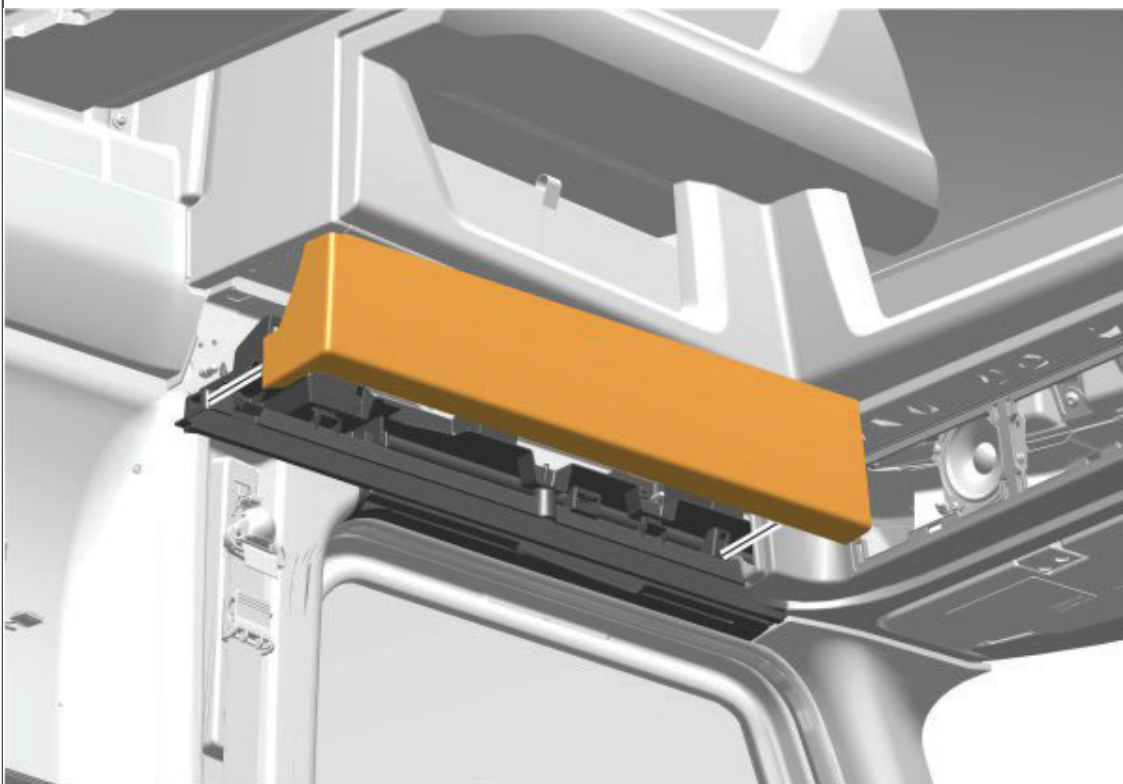
► Install the bezel.



- 89** This step contains 2 alternatives.
Select one of the valid alternatives below.

Alternative 1 / 2

- Install the trim panel.



Alternative 2 / 2

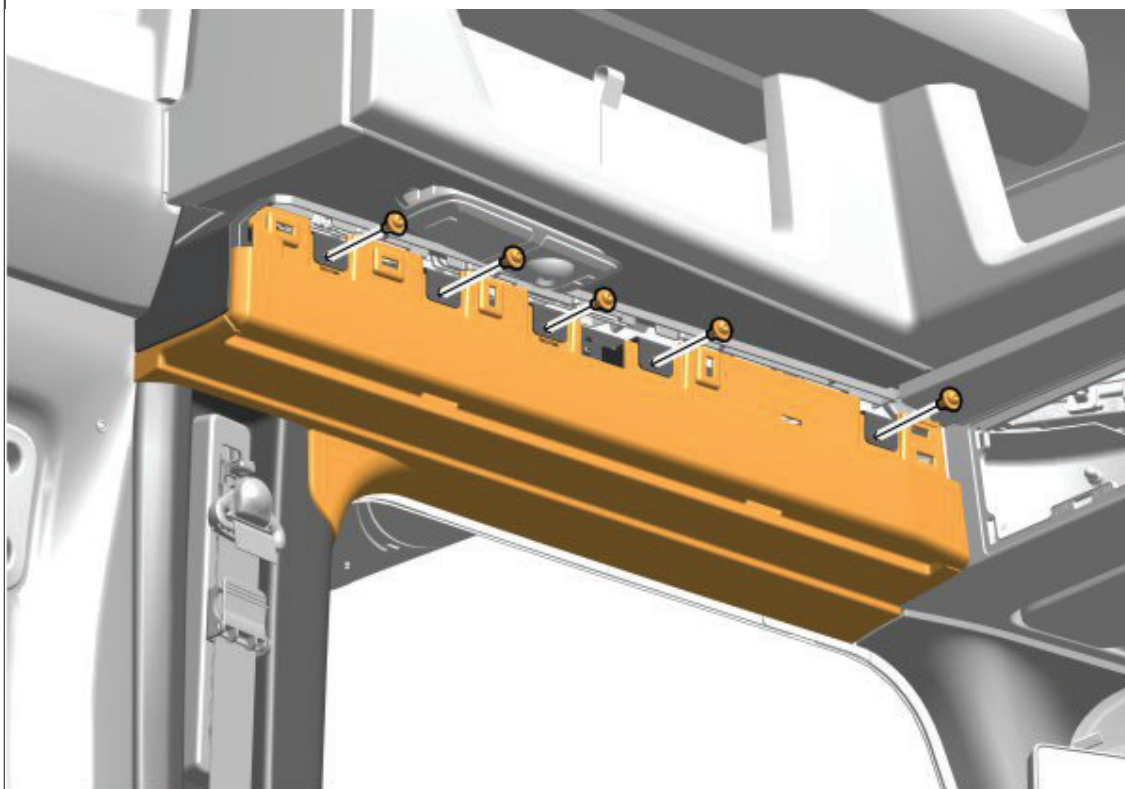
► Install the trim panel.

► Install the screws.

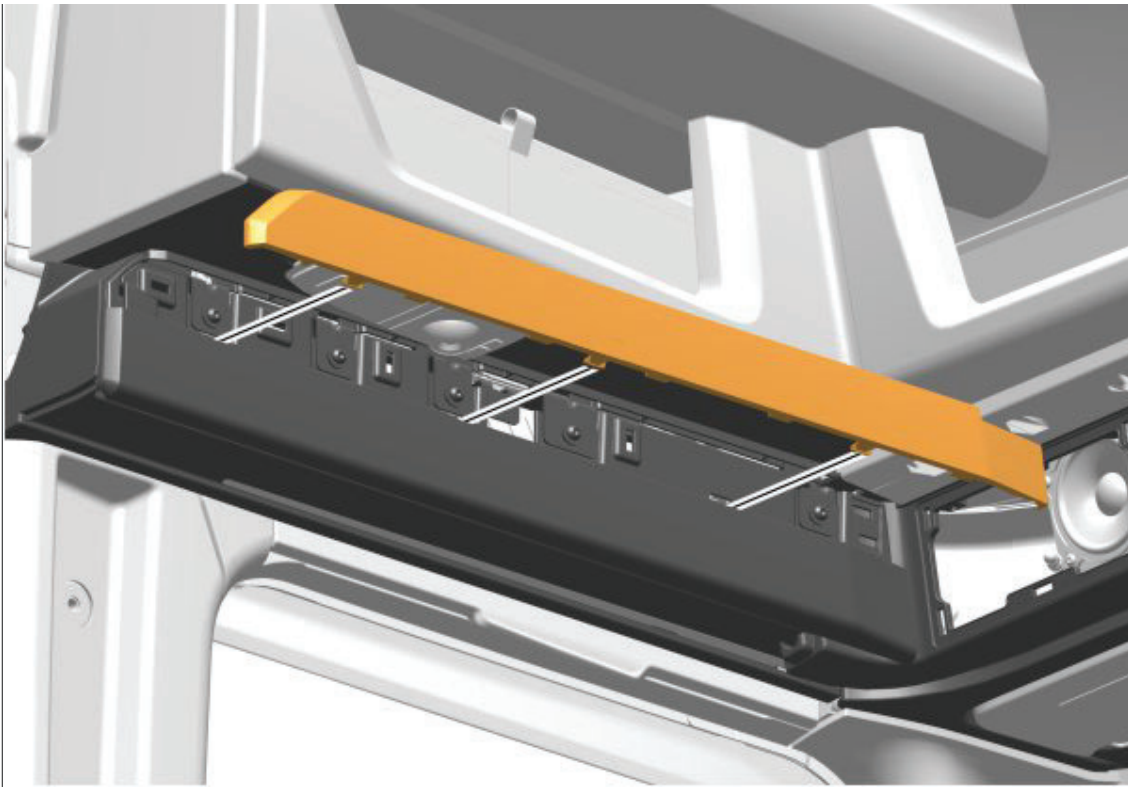
► Torque tighten the screws.

Tightening torque

Trim panel, screw	3.5 ±0.5 Nm
-------------------	-------------

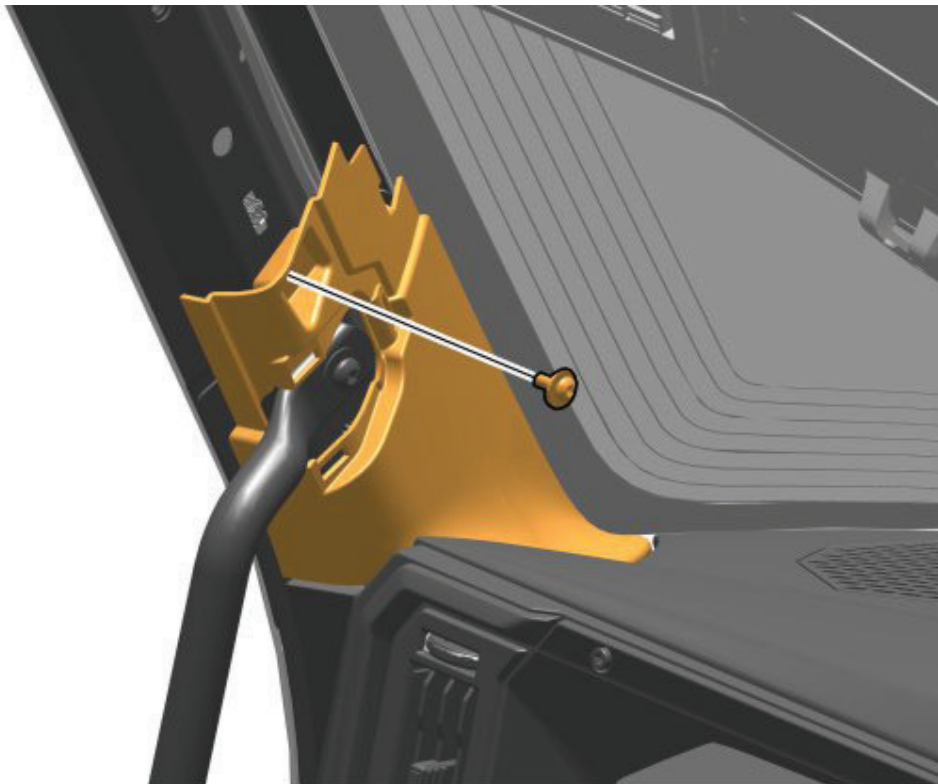


► Install the bezel.



90 Position the panel.

91 Install the screw.



92 Install the panel.

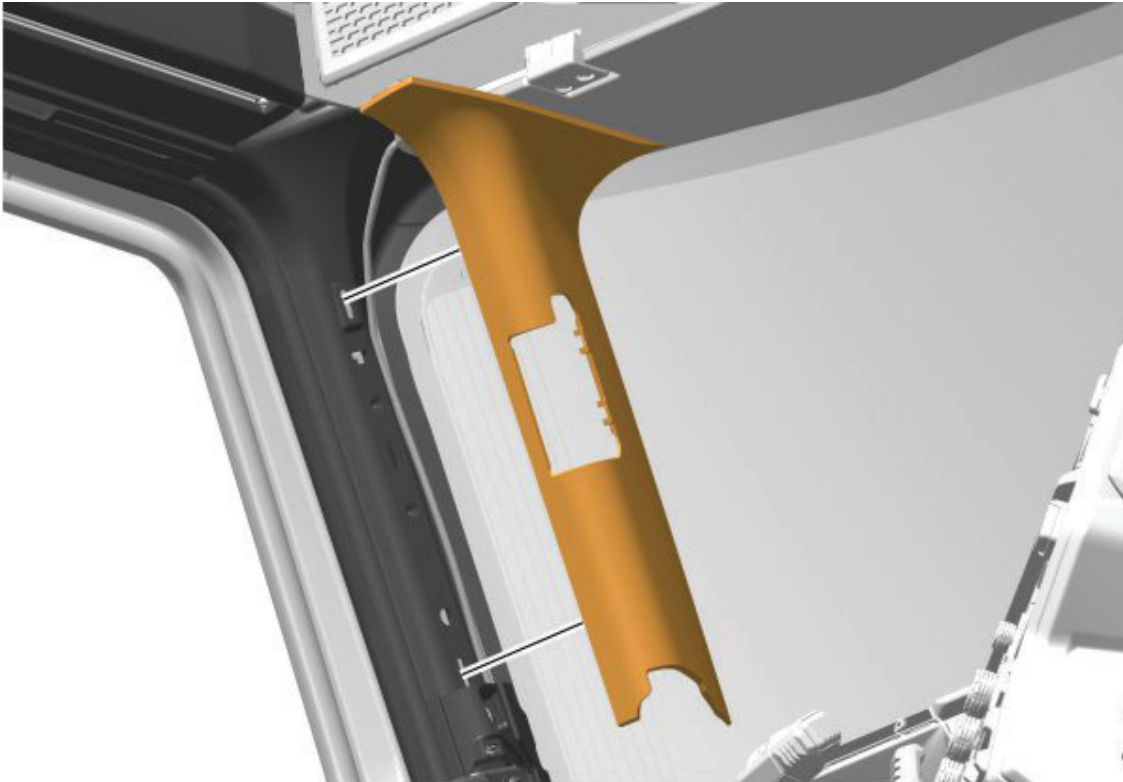
Note

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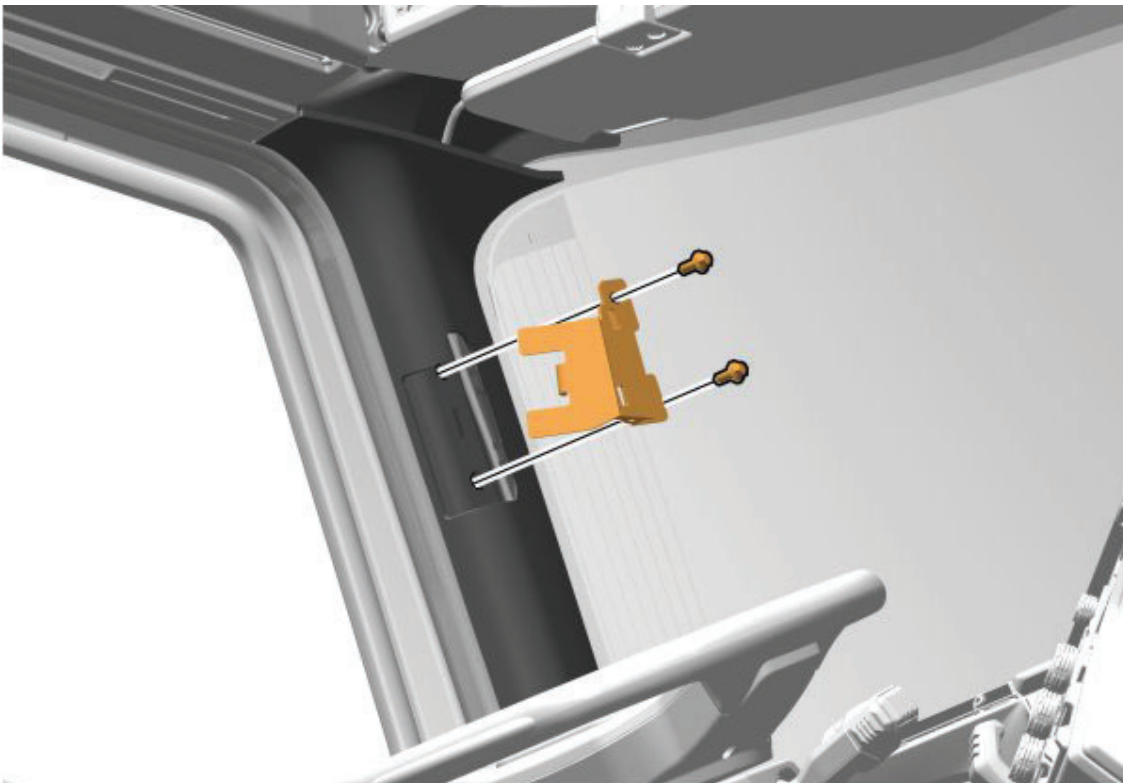


Position the door seal.



93 Install the bracket.

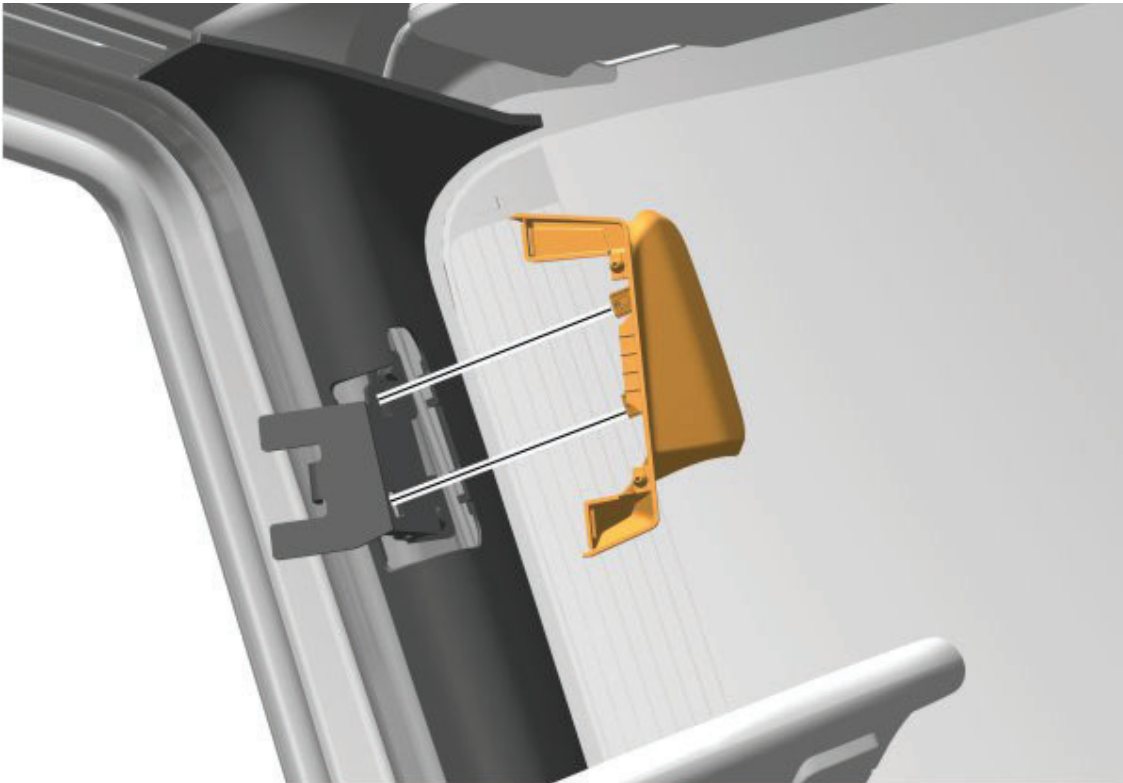
94 Install the screws.



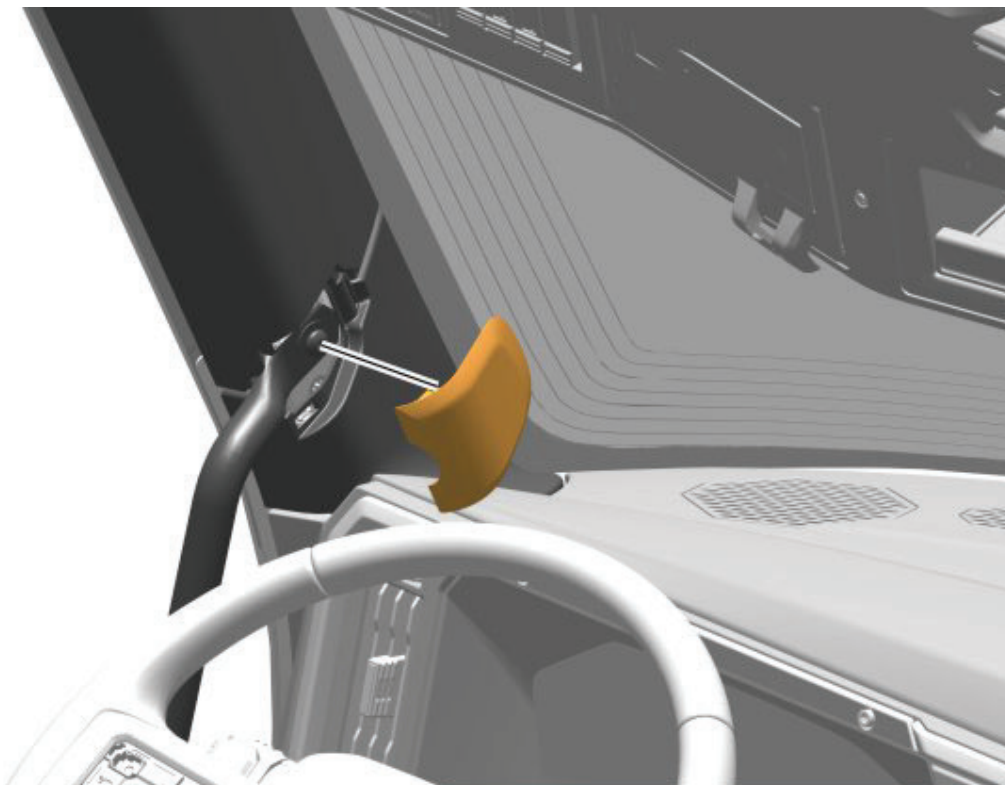
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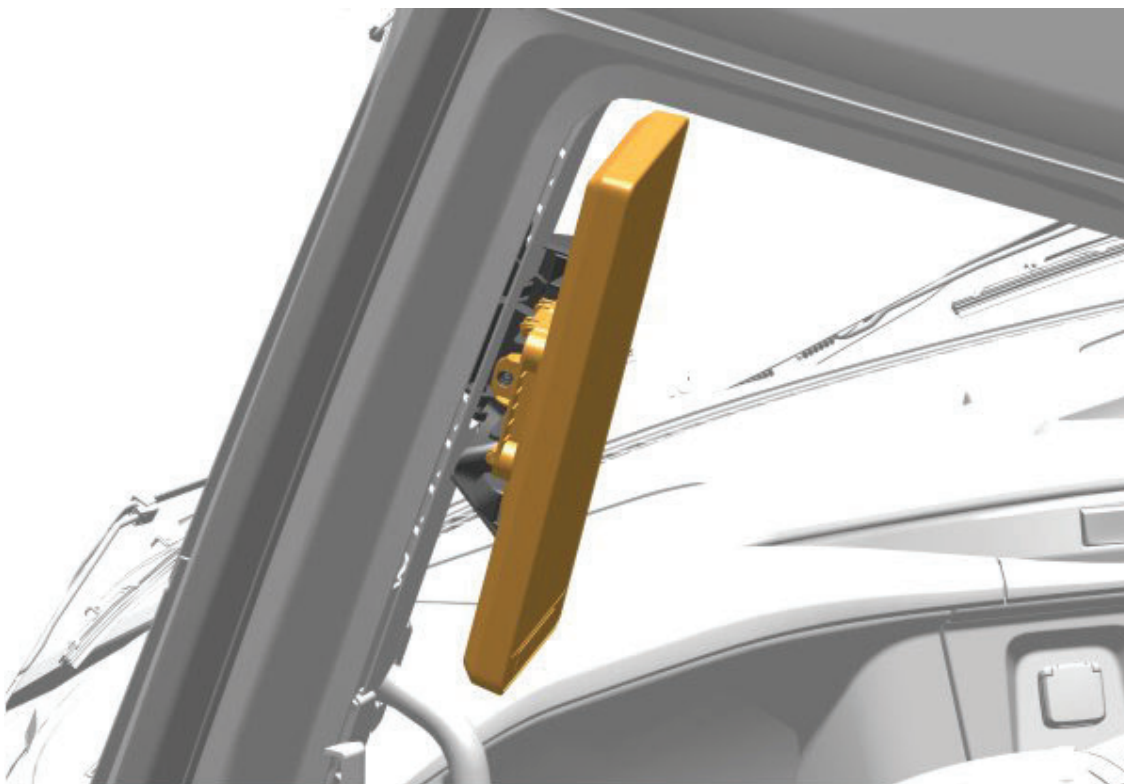
95	Install the cover.
----	--------------------



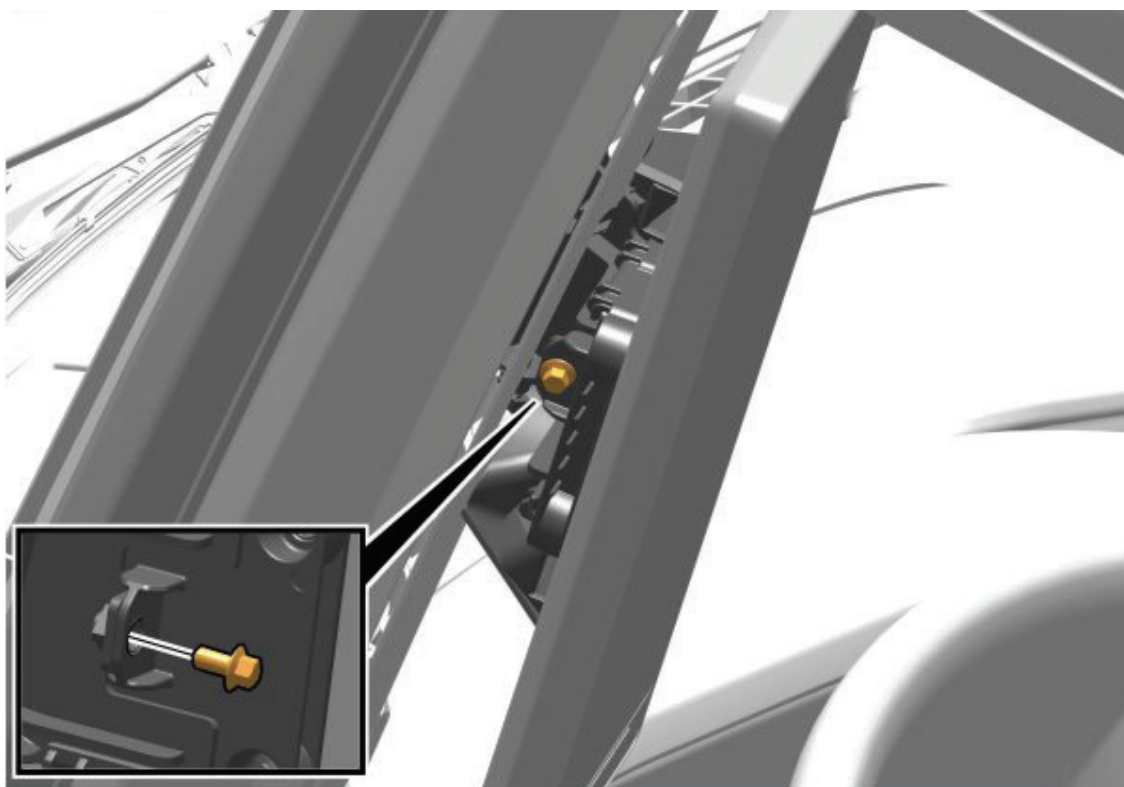
96	Install the cover.
----	--------------------



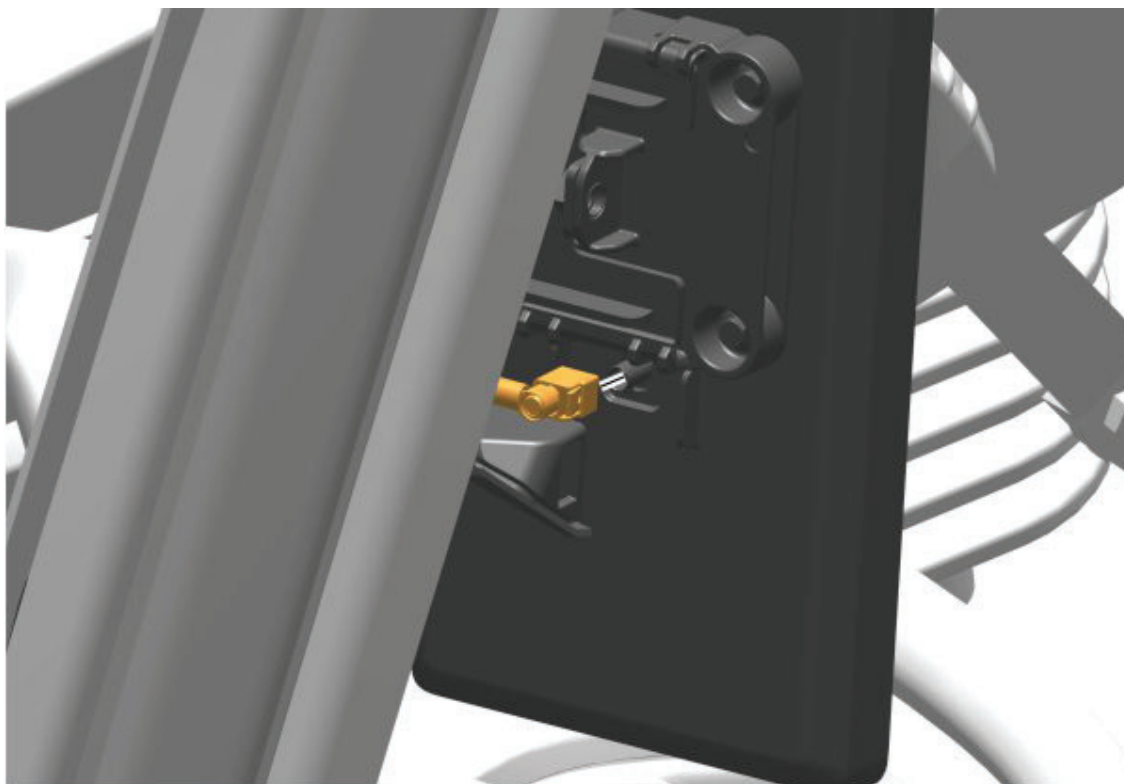
97	Install the display.
----	----------------------



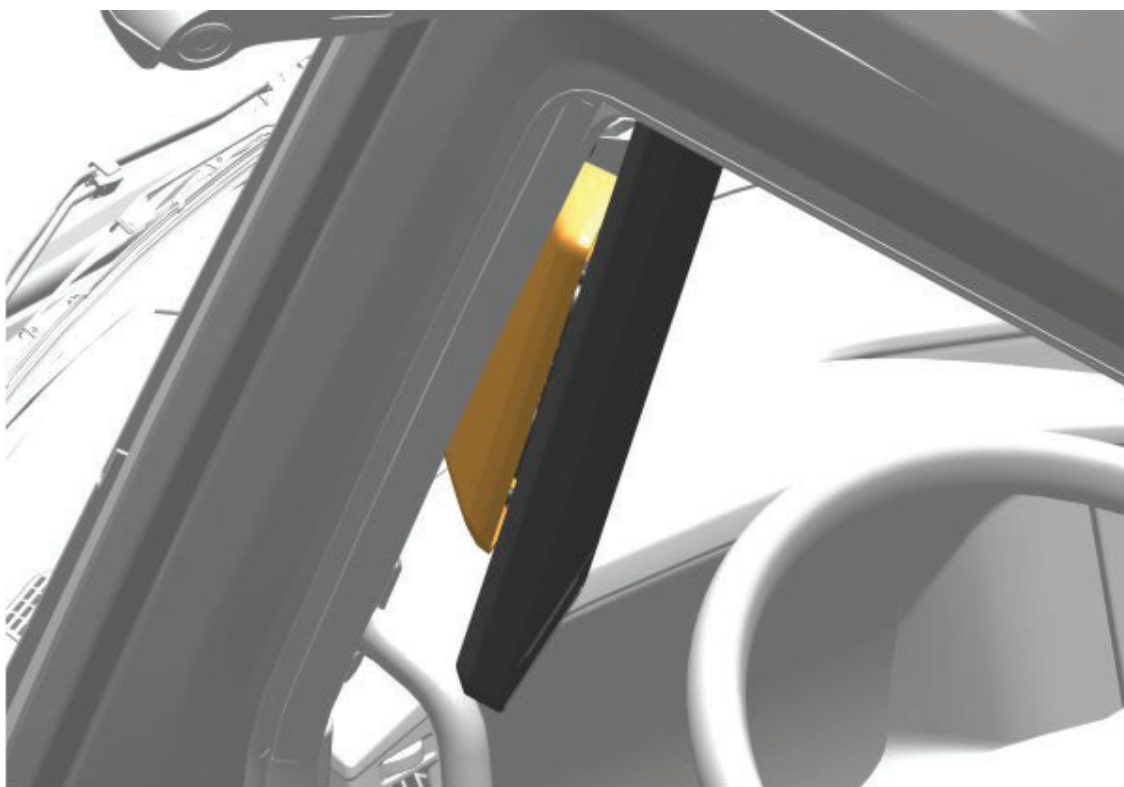
98	Install the screw.
----	--------------------



99	Connect the connector.
----	------------------------

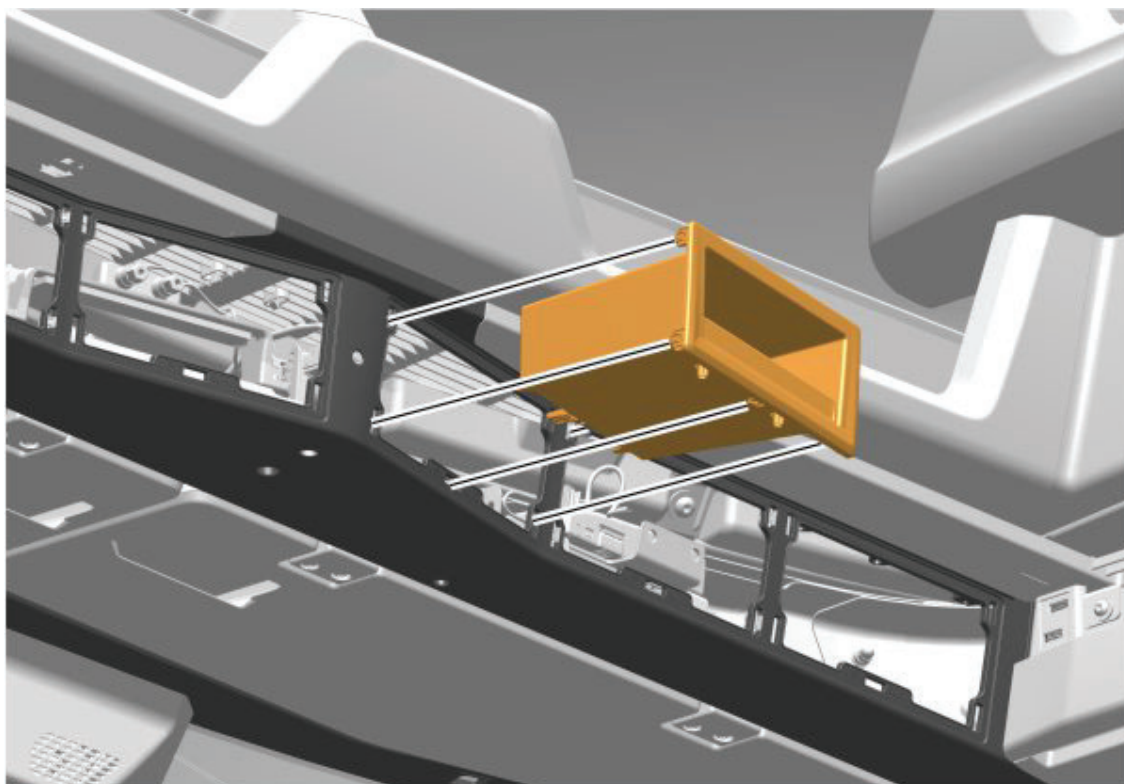


100	Install the cover.
-----	--------------------

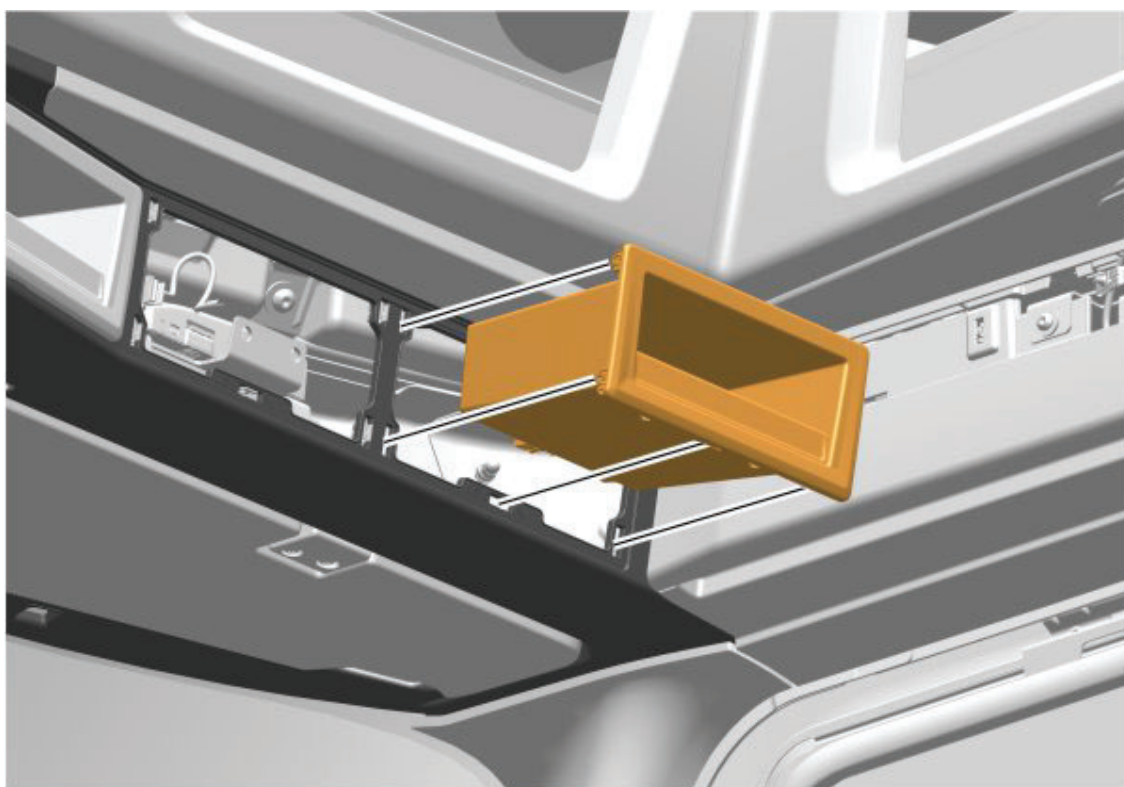


101	Perform the same procedures on the other side.
-----	--

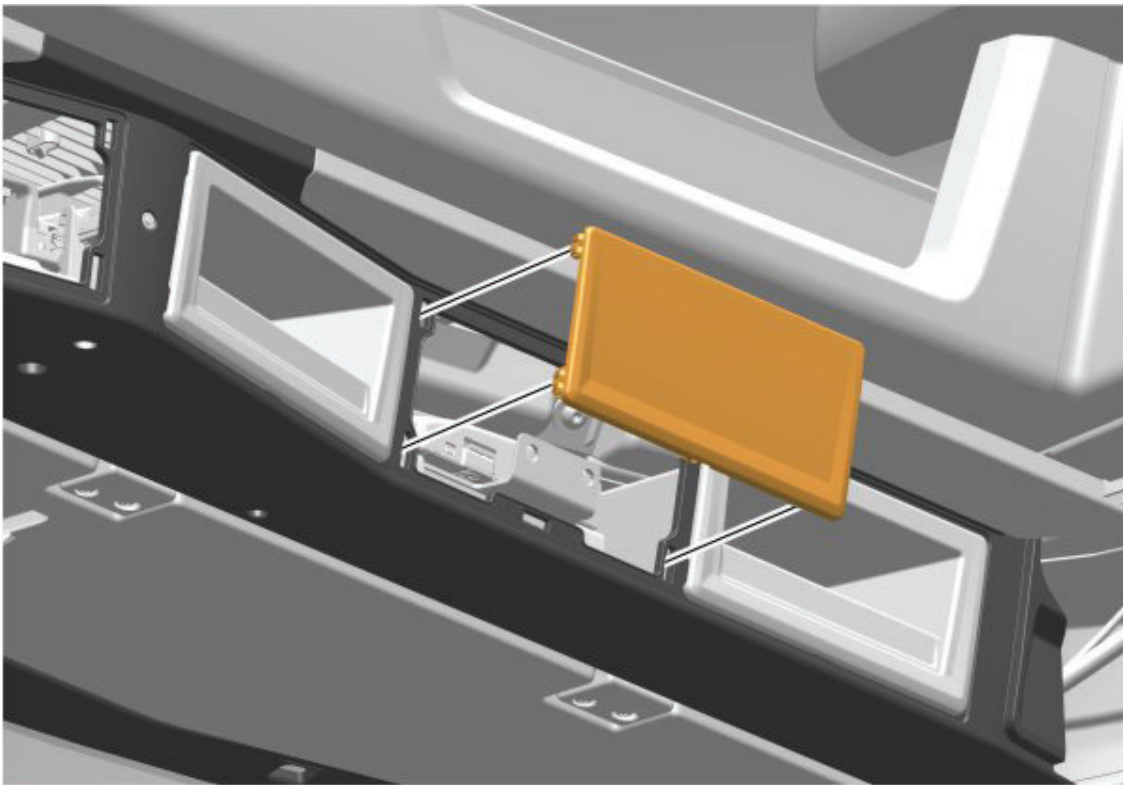
102	Install the storage box.
-----	--------------------------



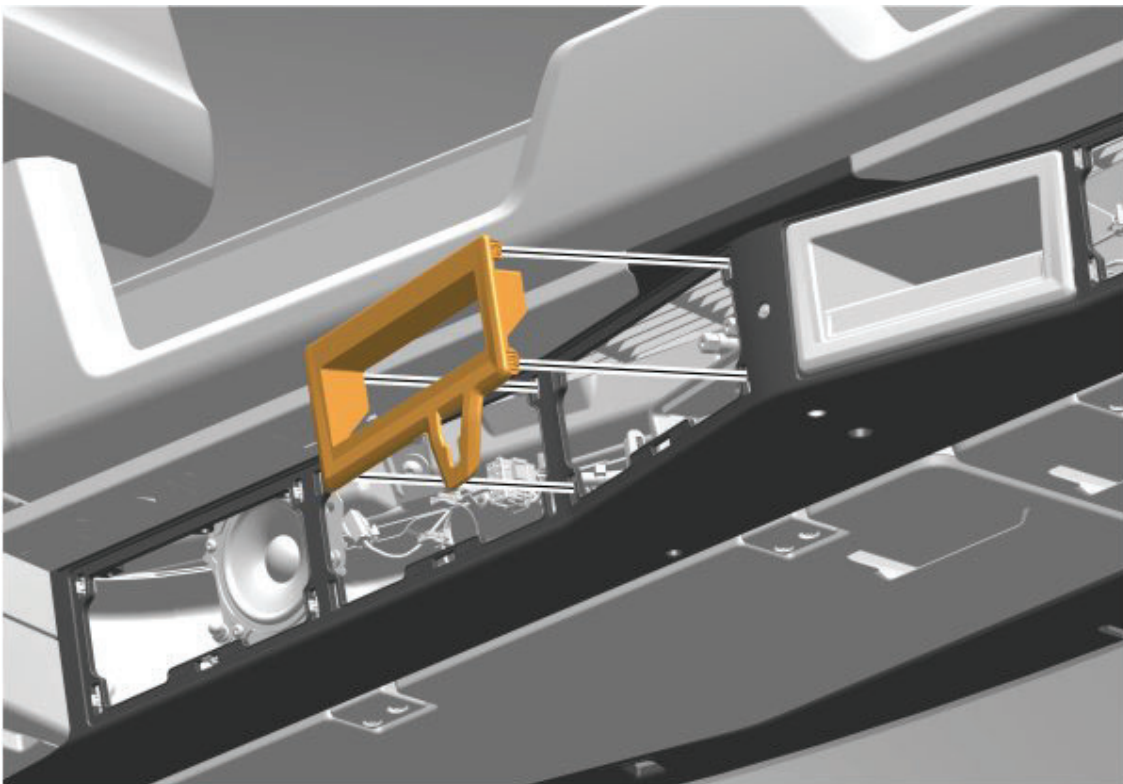
103	Install the storage box.
------------	--------------------------



104	Install the bezel.
------------	--------------------



105	Install the bezel.
-----	--------------------



106	Connect the connectors.
-----	-------------------------

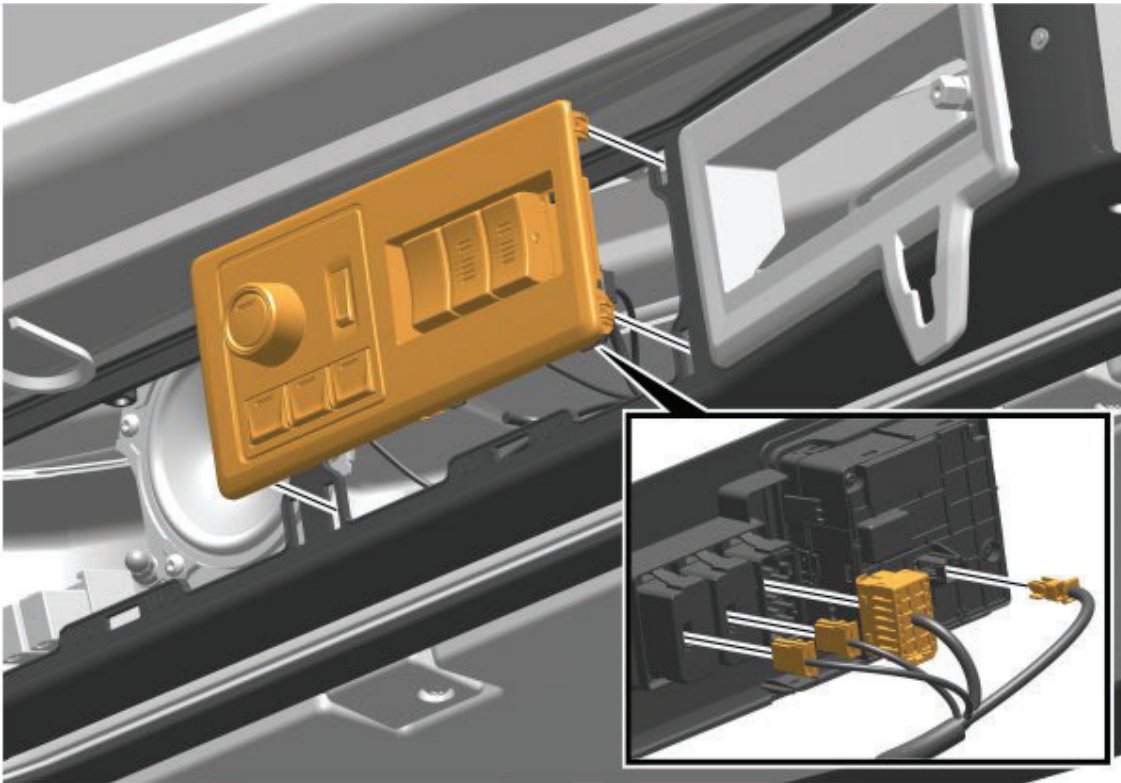
**Note**

As noted.

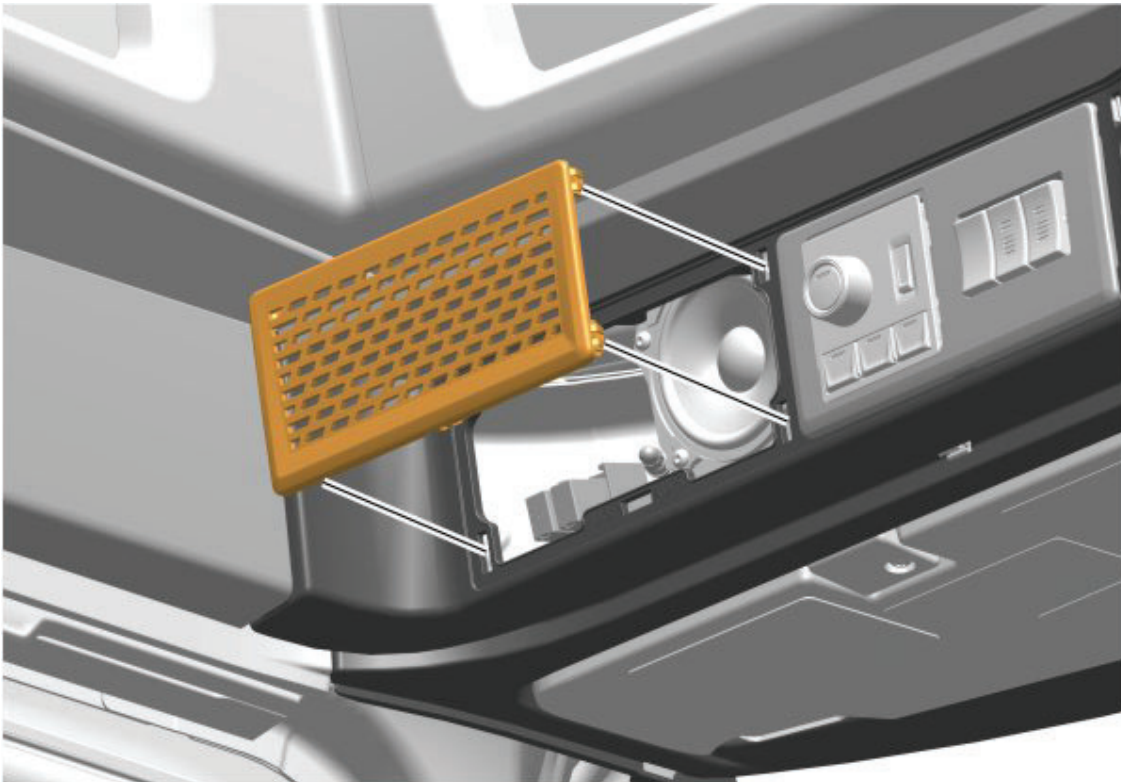
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107	Install the bezel.
-----	--------------------



108	Install the grille.
-----	---------------------



109	Commission the low voltage system.
-----	------------------------------------

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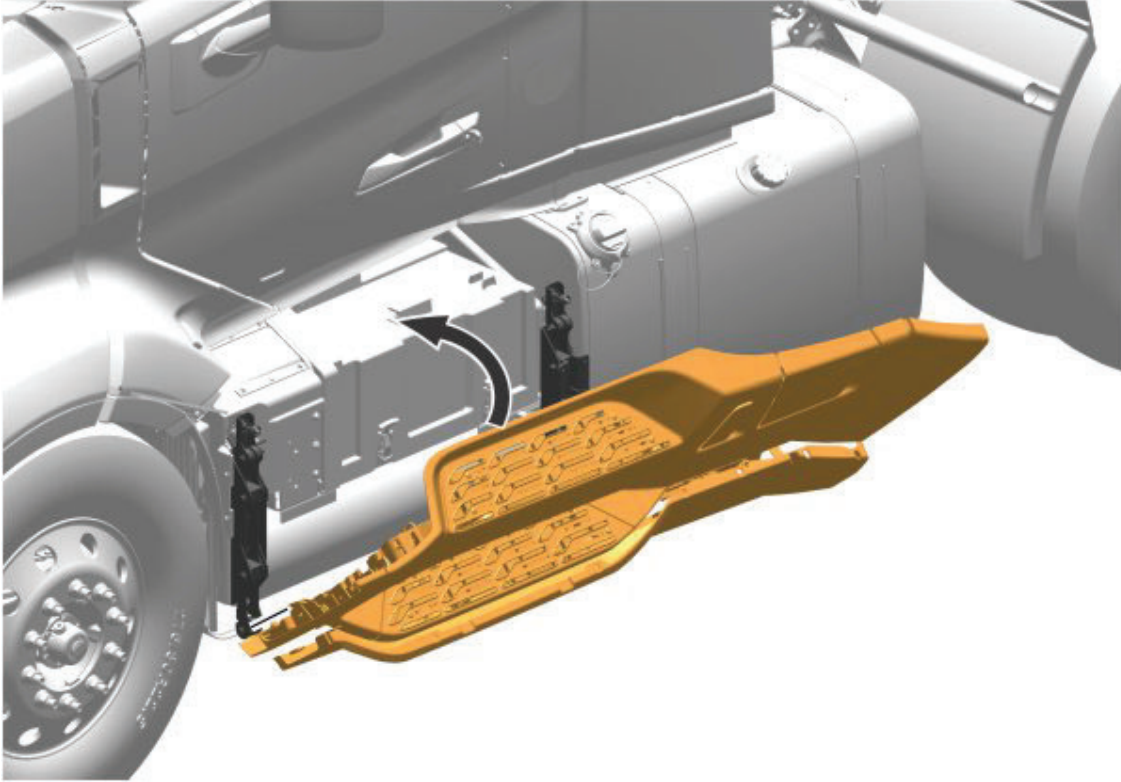


See header link for more information.

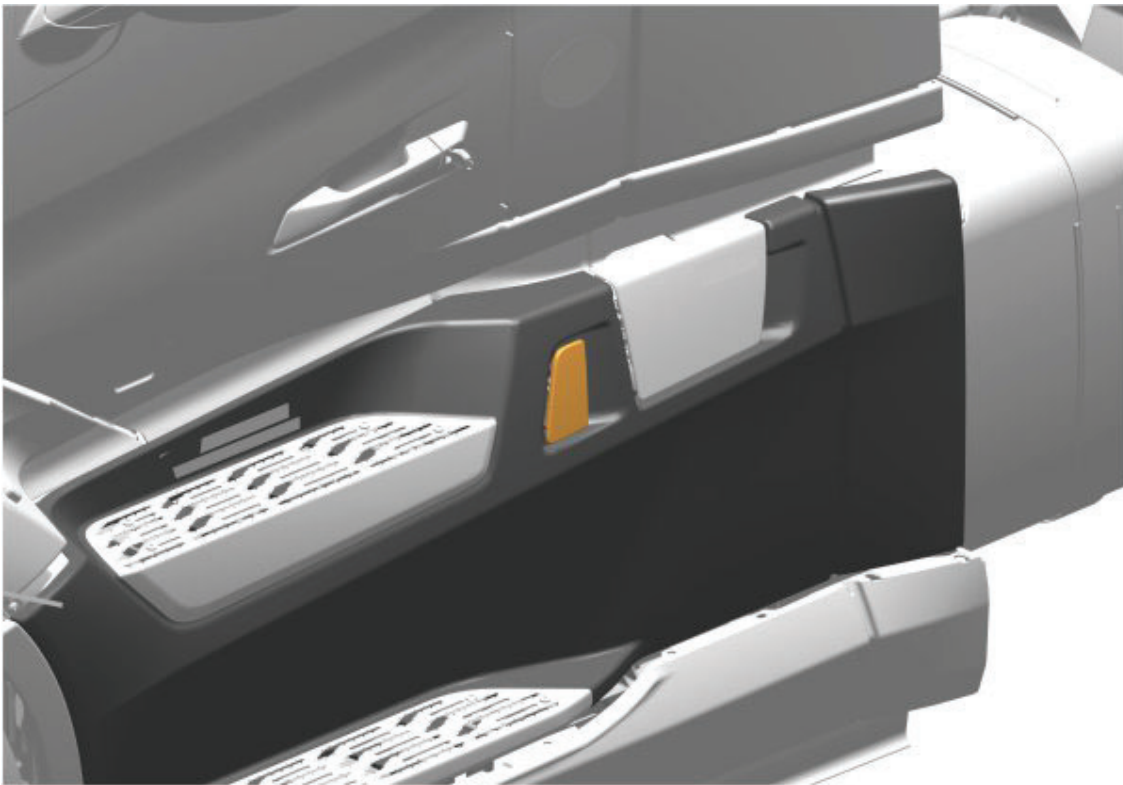
[ENTITY MISSING: ih-8000085736-title](#)

110 Install the fairing.

111 Install the tether.

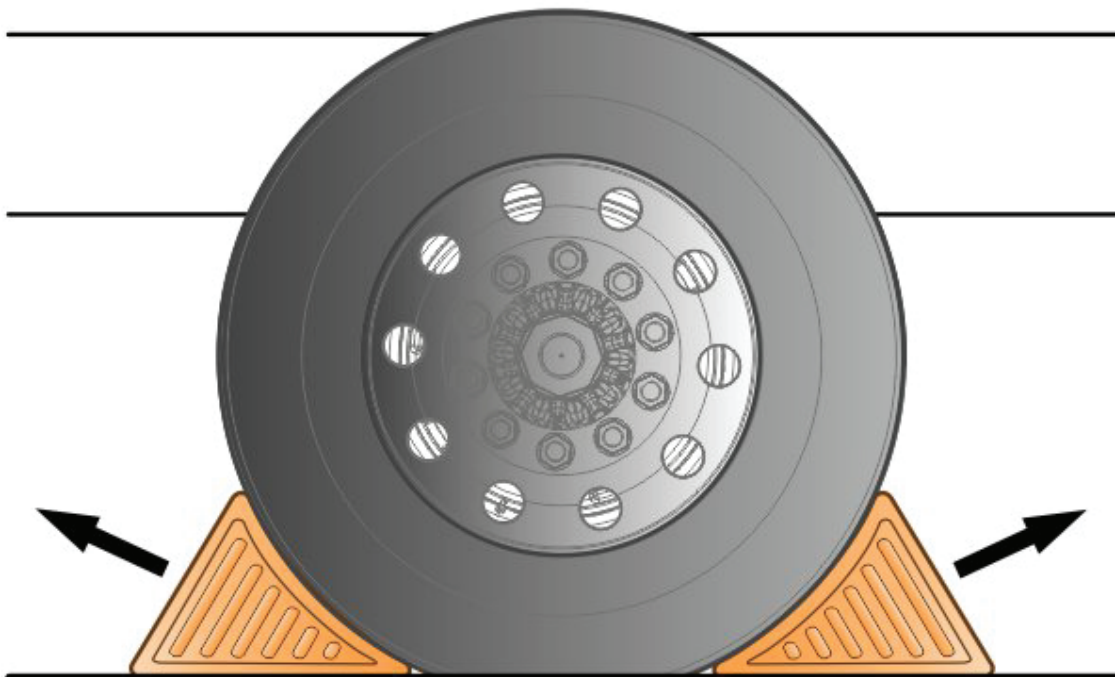


112 Latch the fairing.



113	Check for correct function.
-----	-----------------------------

114	Remove the wheel chocks.
-----	--------------------------



37002-3 Jumper Harness, Replacement

	Illustrations may differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.
---	--

	Colors used in illustrations are for highlighting purposes only and do not correspond to the actual colors of the vehicle.
---	--

	All threaded fasteners that do not have a tightening torque specification in the information are tightened to a standard torque. Standard torques are available in the following specification. Standard Tightening Torques
---	---

	WARNING
Risk of serious injury.	
The airbag can deploy!	
▶	Make sure that nobody is in the cab when the battery is connected. Close the cab's windows and doors.

	WARNING
Risk of serious injury.	
The airbag can deploy or cease to function.	
▶	Make sure that no foreign particles (metal shavings, etc.) can enter the airbag module's contact pin (detonator).

	WARNING
Risk of serious injury.	
The airbag can deploy or cease to function.	
▶	Make sure that the cable is not pinched when the airbag module is installed. A pinched cable can cause a short circuit.

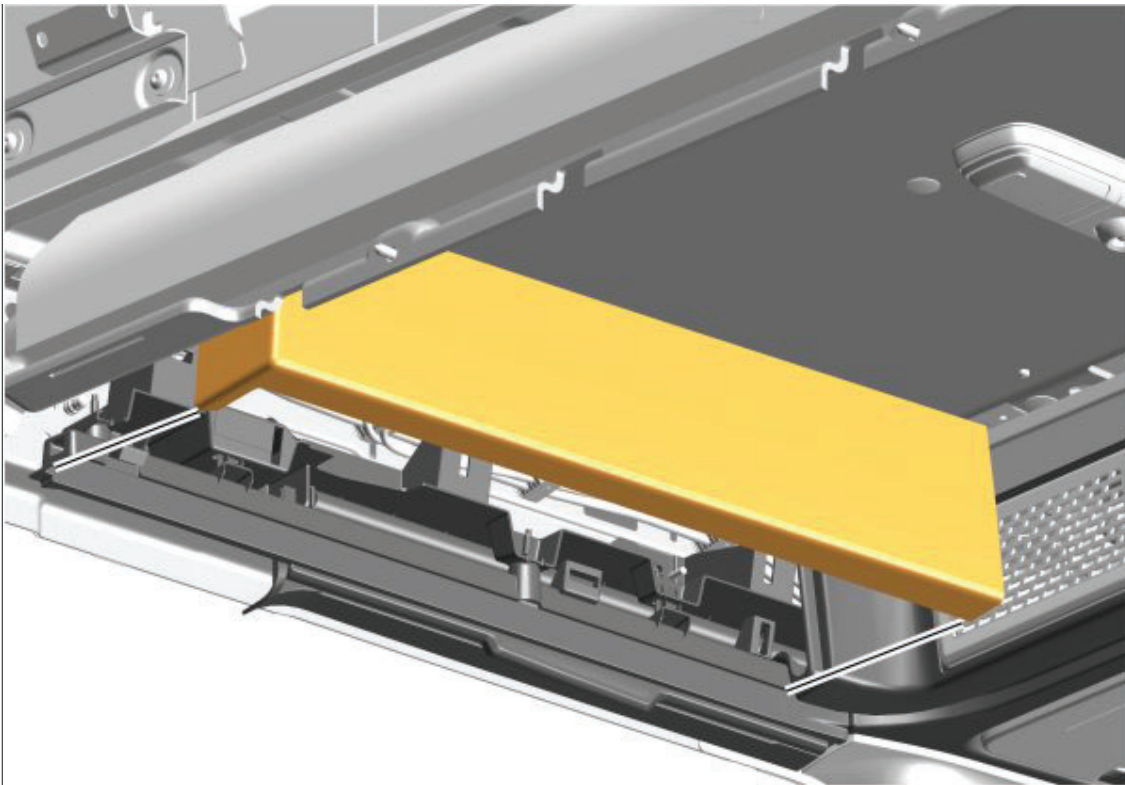
	WARNING
Risk of serious injury	
The airbag can be deployed!	
▶	Never dismantle or repair an airbag module.
▶	Pyrotechnic articles must only be handled by trained personnel.
▶	Never transfer an airbag module between vehicles.
▶	Never trigger an untriggered airbag module, either loose or fitted in place.
▶	Never use a multimeter or other live measuring instrument on a disconnected, untriggered airbag module.
▶	Never handle an airbag module upside down.

			CAUTION		
Service Information Advisory. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.					
		▶ You must read and understand the precautions and guidelines in Service Information, Function Group 3, "General Safety Practices, Electrical and Electronics" before performing this procedure.			

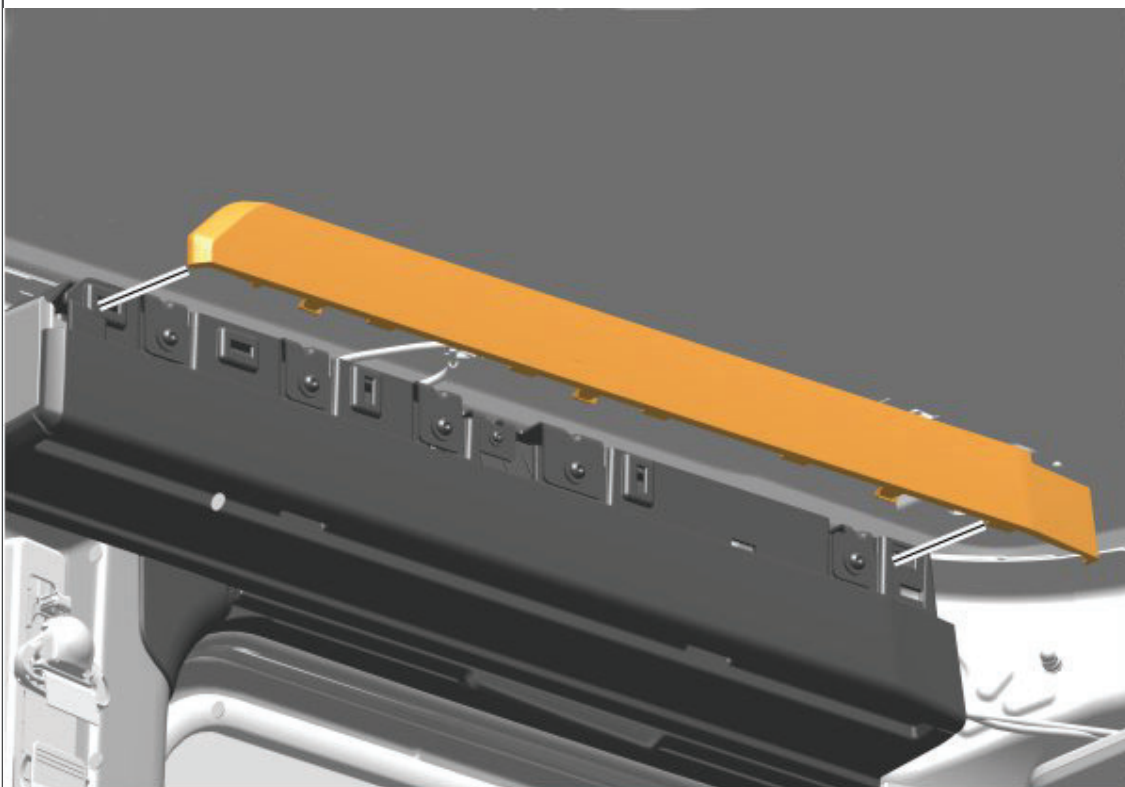
			CAUTION		
Service Information Advisory. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.					
		▶ You must read and understand the precautions and guidelines in Service Information, Function Group 8, "General Safety Practices, Body, Cab and Interior" before performing this procedure.			

			CAUTION		
Risk of material damage. Using the wrong type of tool can easily damage paintwork and panels.					
		▶ Only use plastic tools when working on fragile parts.			

1	This step contains 2 alternatives. Select one of the valid alternatives below.				
	Alternative 1 / 2				
	▶ Remove the trim panel.				

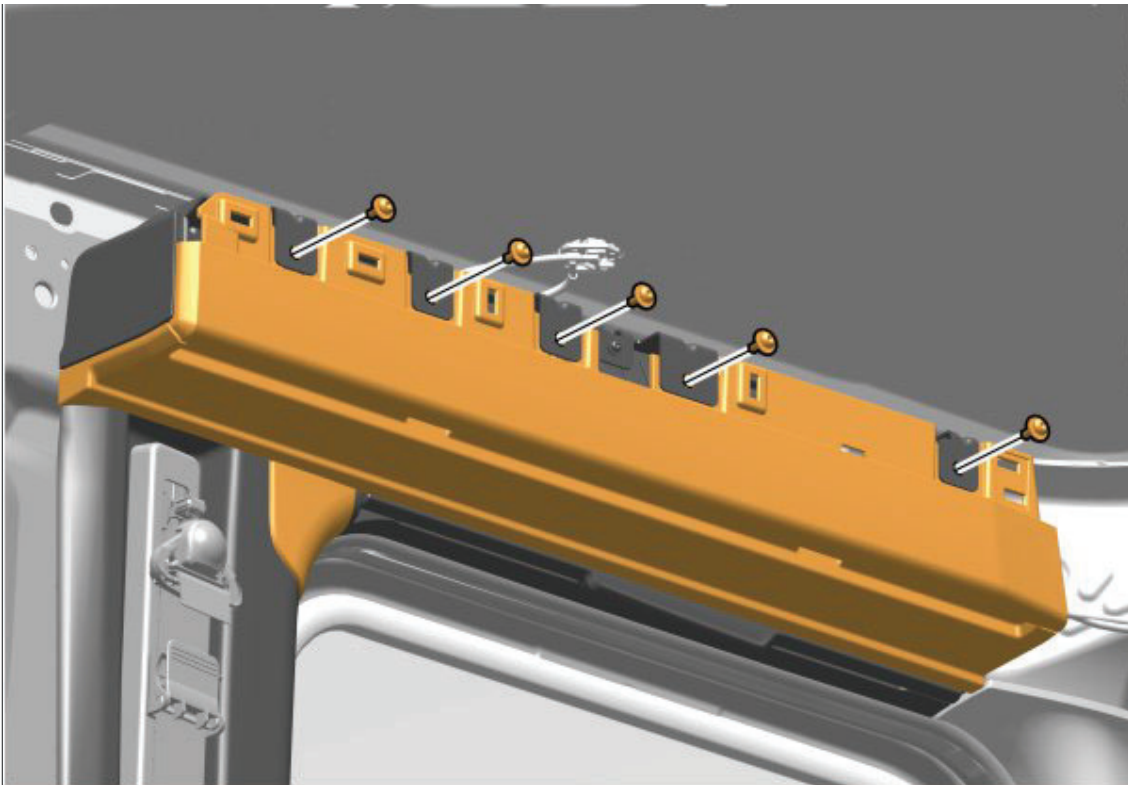
**Alternative 2 / 2**

- ▶ Remove the cover.



- ▶ Remove the screws.

- ▶ Remove the trim panel.



2 Lift the panel.



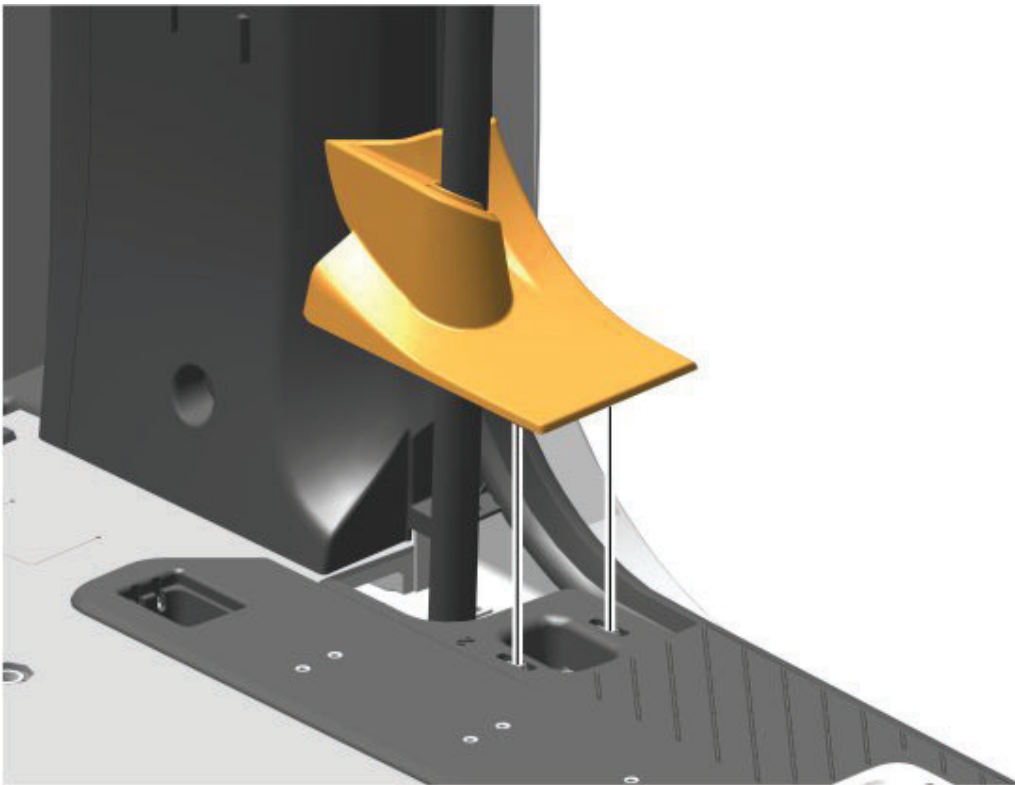
Note

Use a suitable tool.



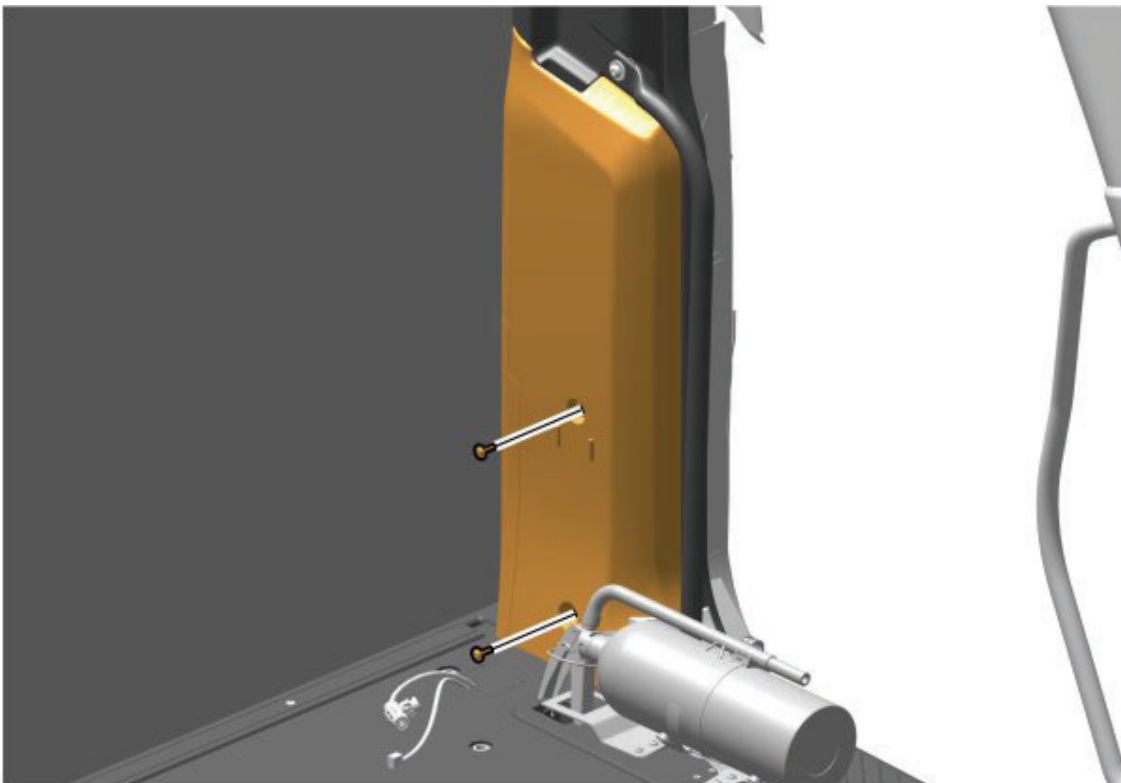
Note

Do not damage the clips.



3	Remove the screws.
---	--------------------

4	Remove the panel.
---	-------------------



5	Move the seat belt to access the screws.
---	--

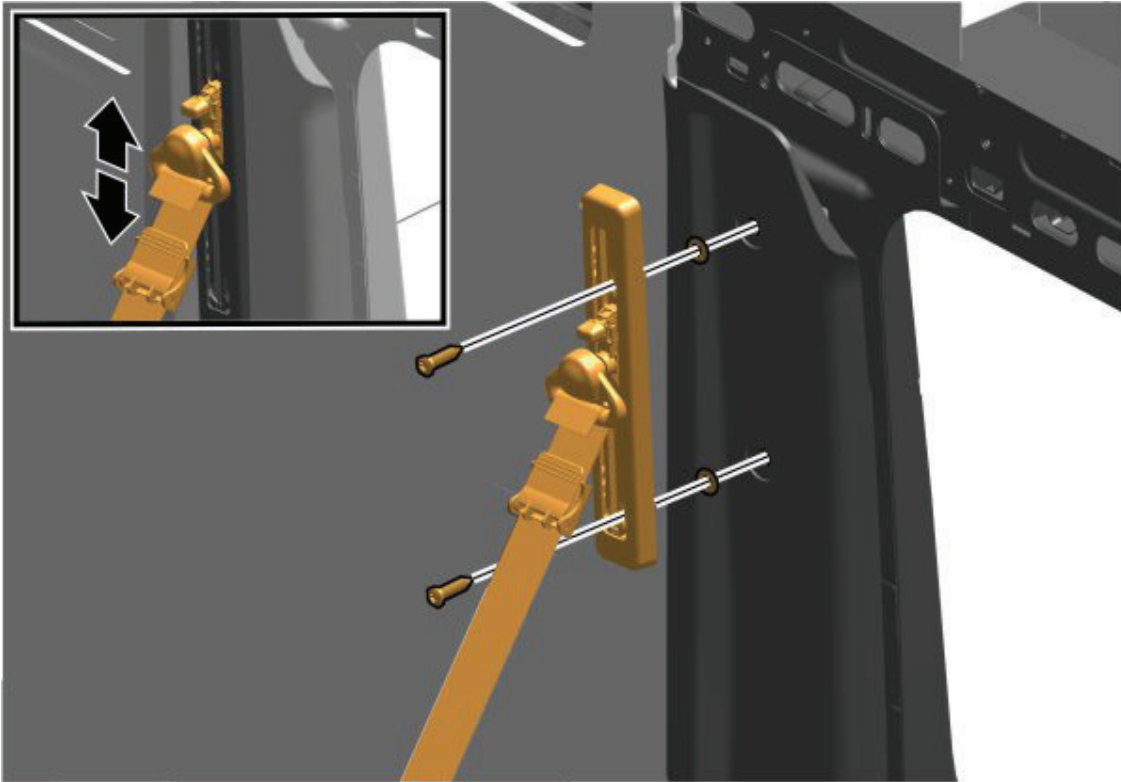
6	Remove the screws.
---	--------------------

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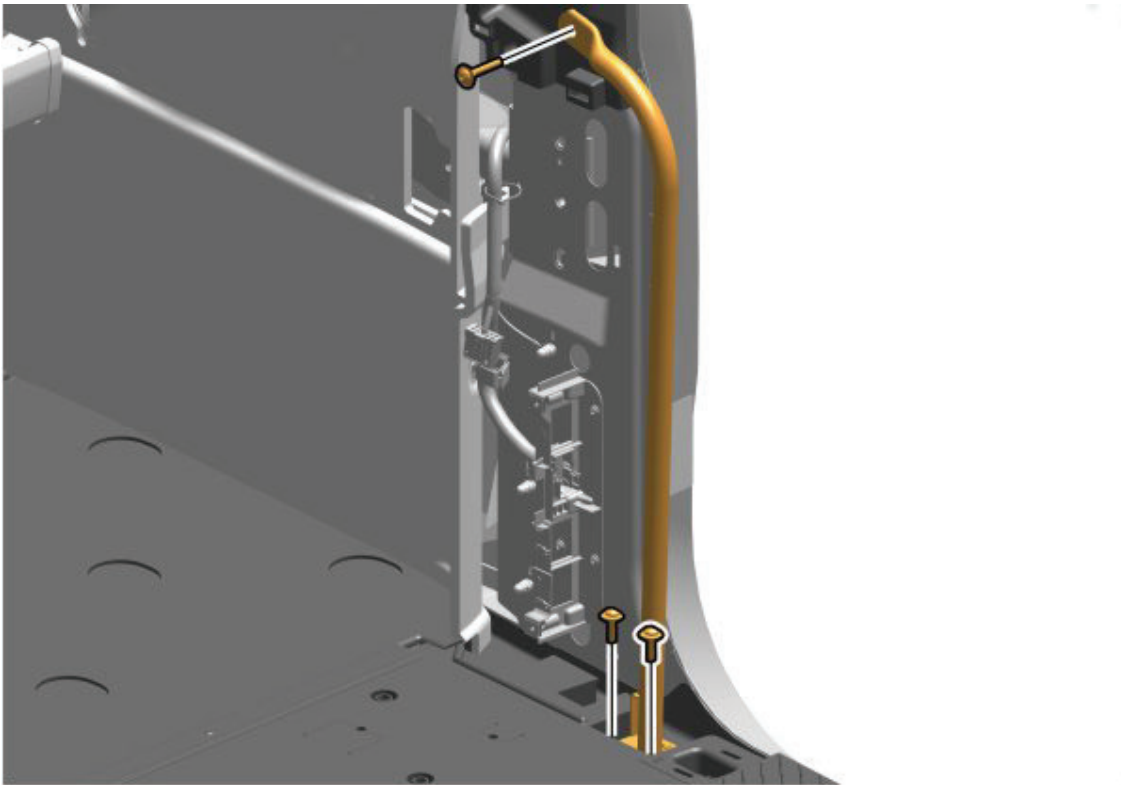
7	Remove the seat belt assembly.
---	--------------------------------

8	Remove the washers.
---	---------------------



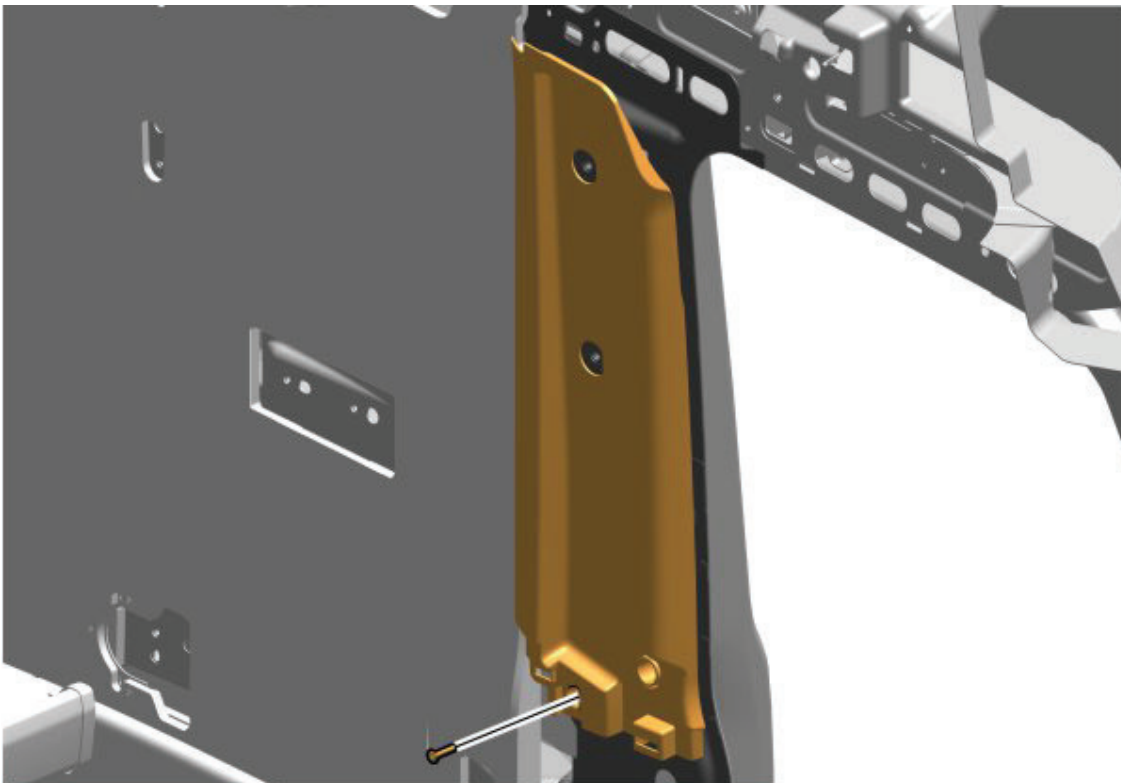
9	Remove the screws.
---	--------------------

10	Remove the grab handle.
----	-------------------------



11	Remove the screw.
----	-------------------

12	Remove the trim panel.
----	------------------------



13	Disconnect the connector.
----	---------------------------

14	Remove the screws.
----	--------------------

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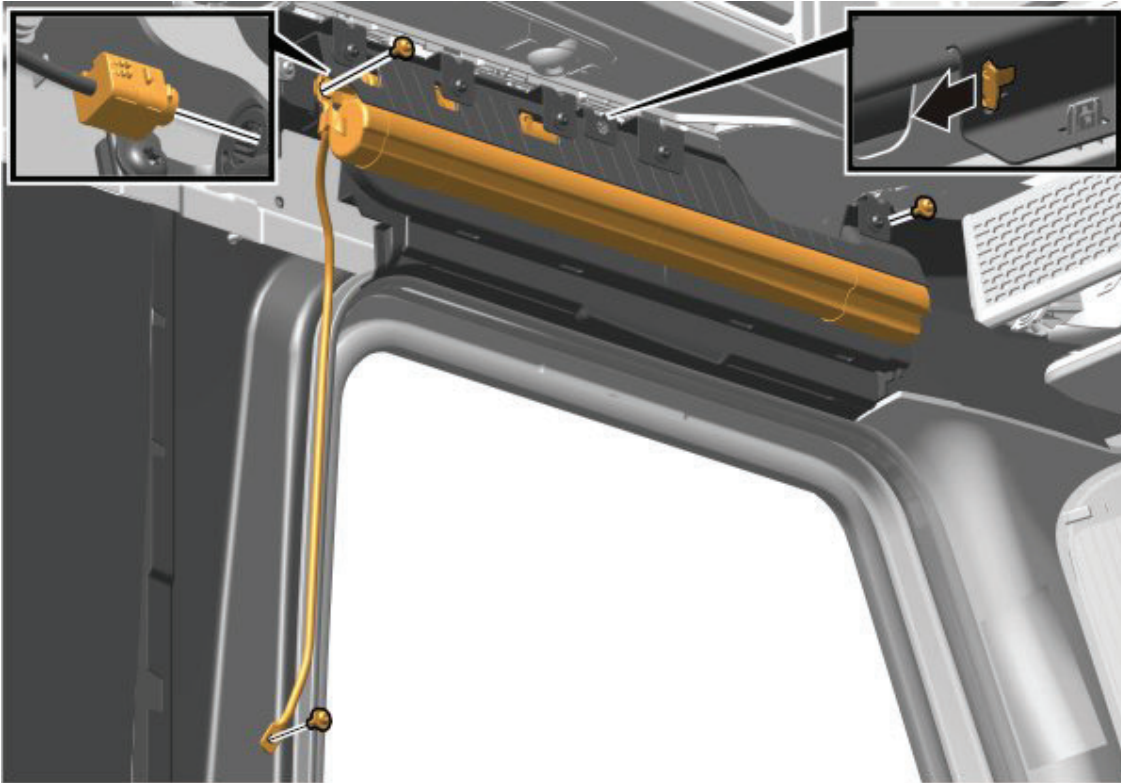
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15 Remove the airbag module.

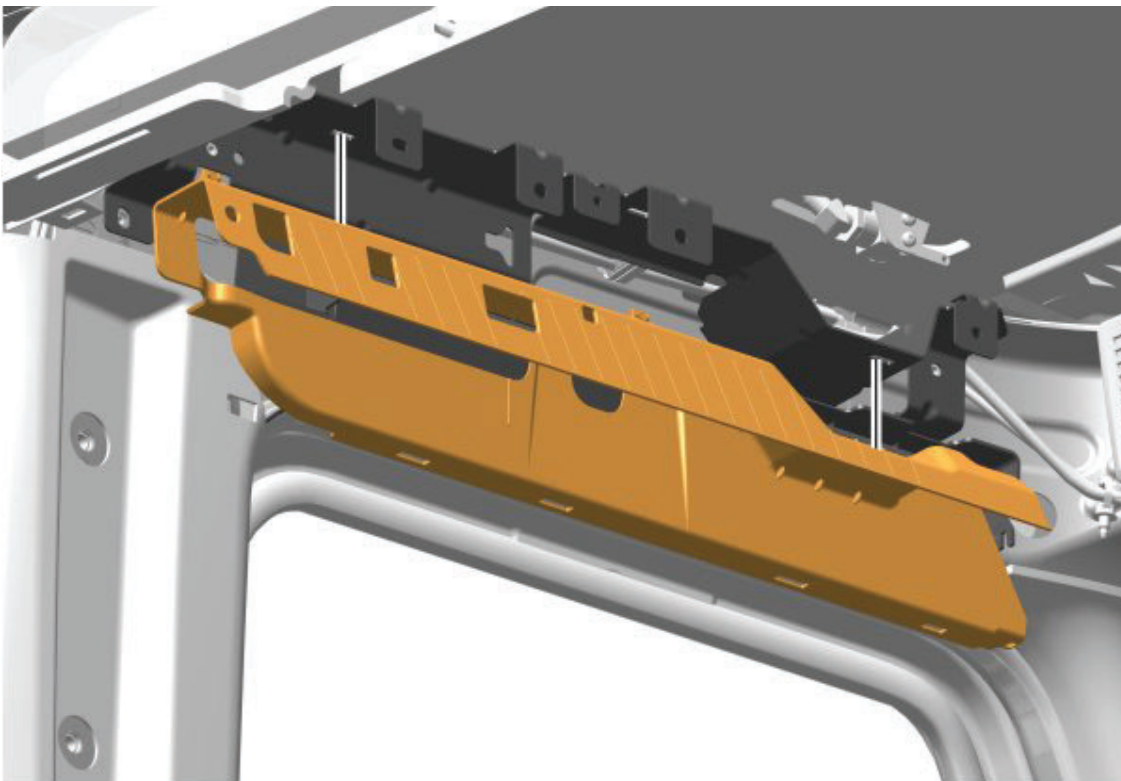


Note

Make sure that the hook is disengaged.



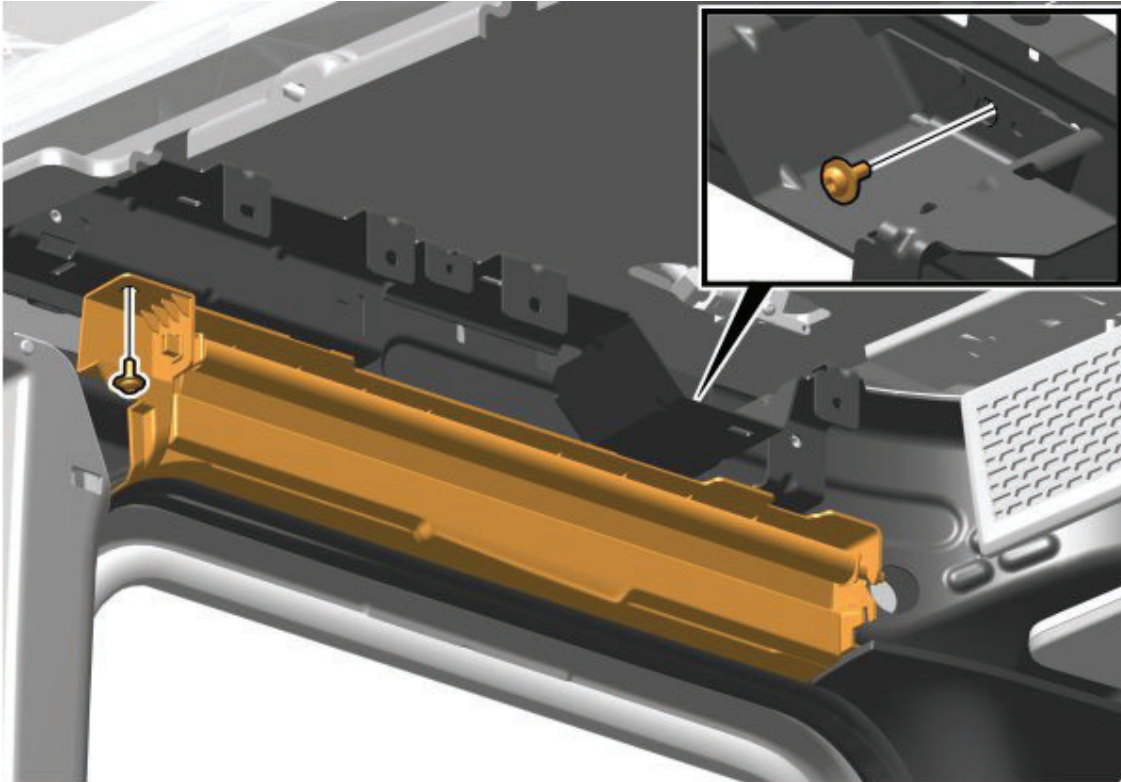
16 Remove the shield.



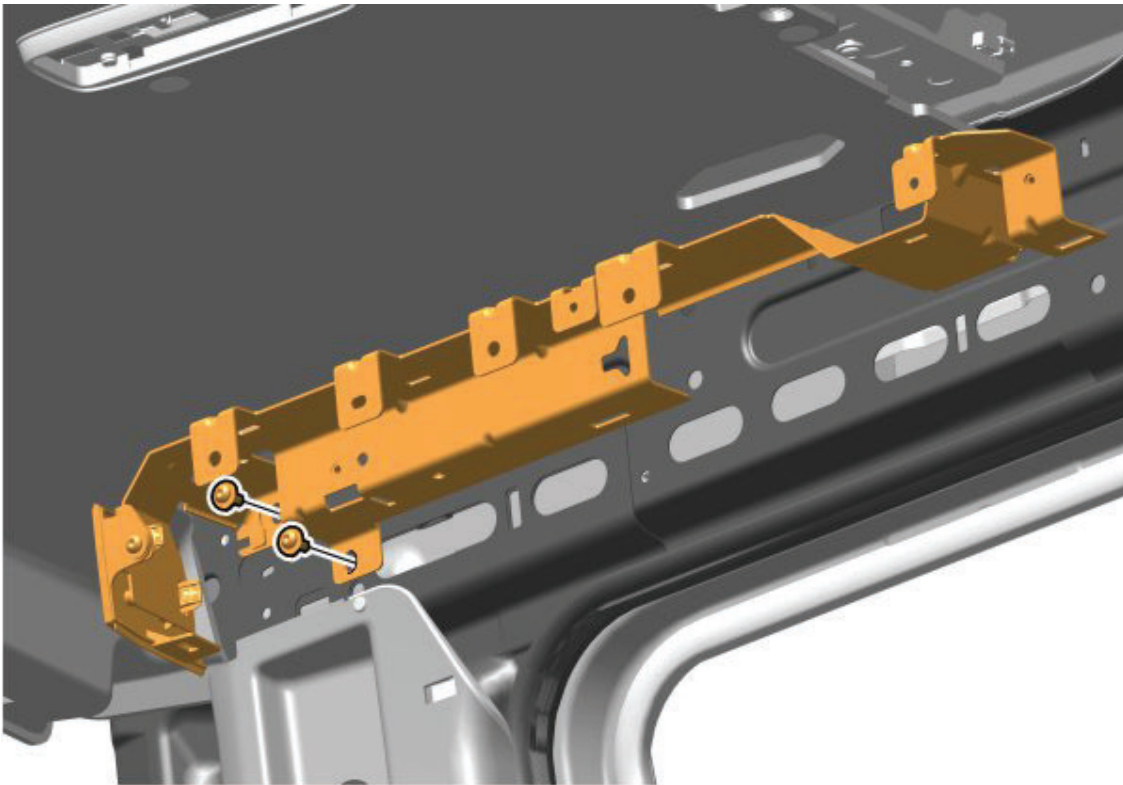
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17	Remove the screws.
18	Remove the roller blind.



19	Remove the screws.
20	Remove the bracket.

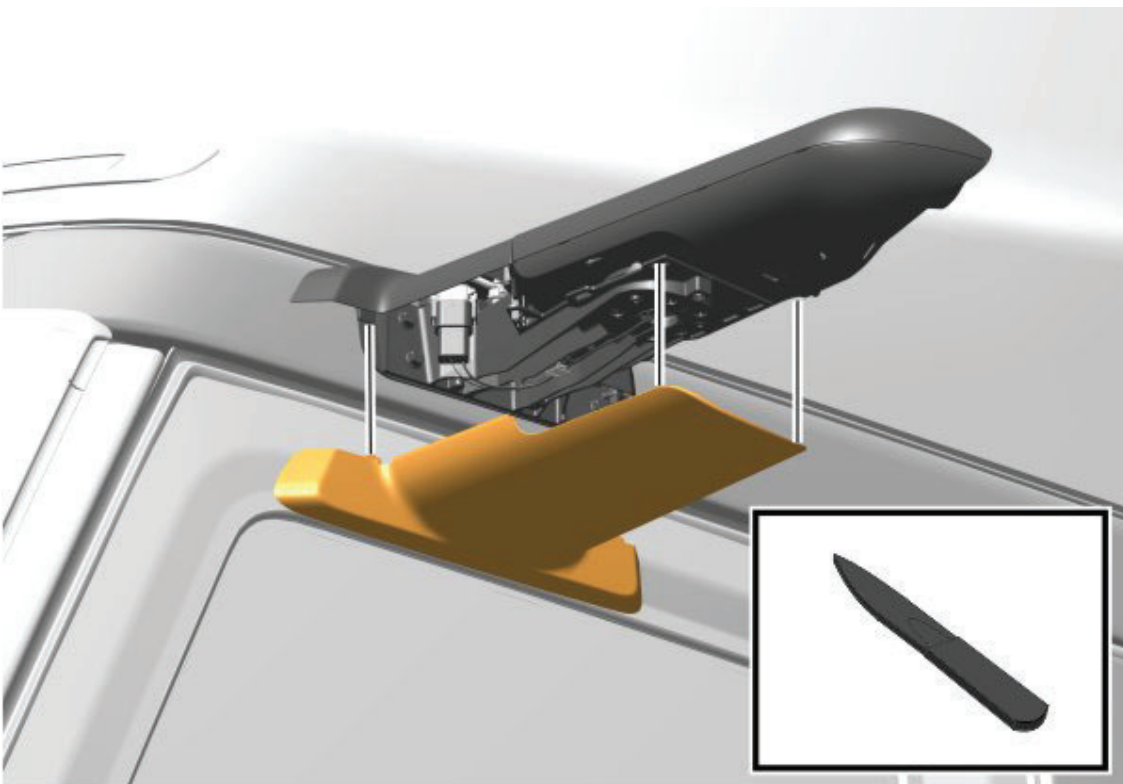


21 Remove the lower cover.



Note

Use a suitable tool.



22 Remove the upper cover.

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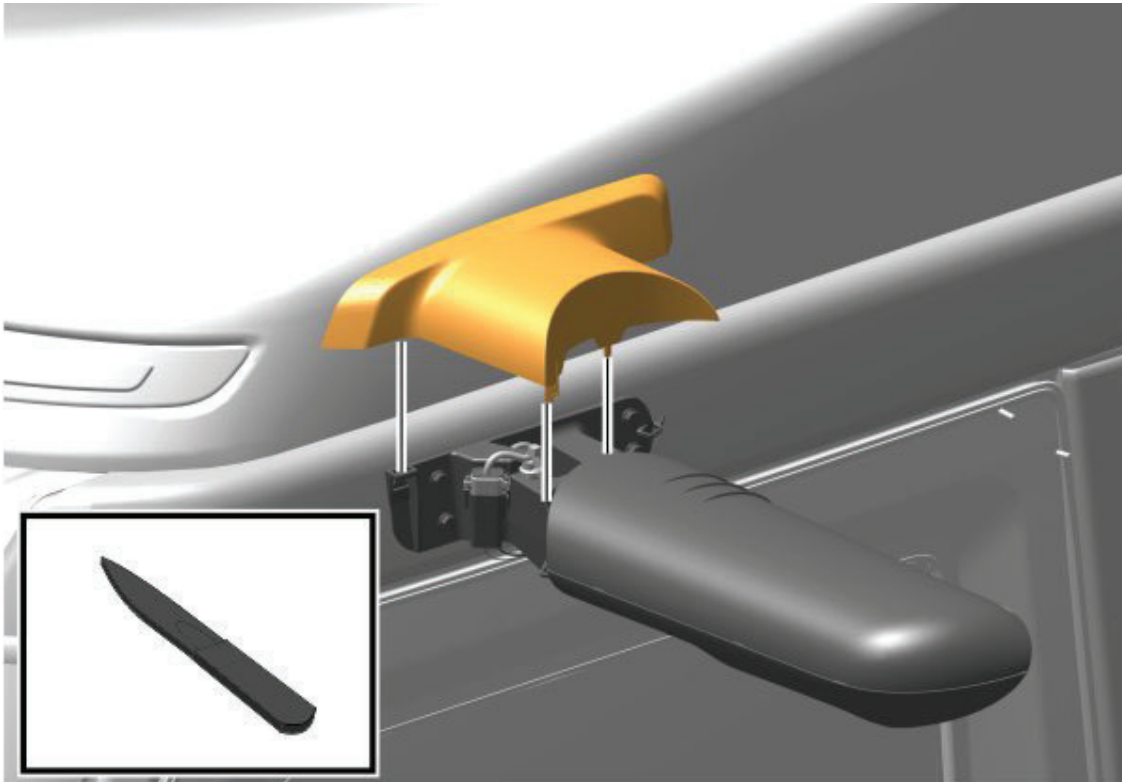
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**Note**

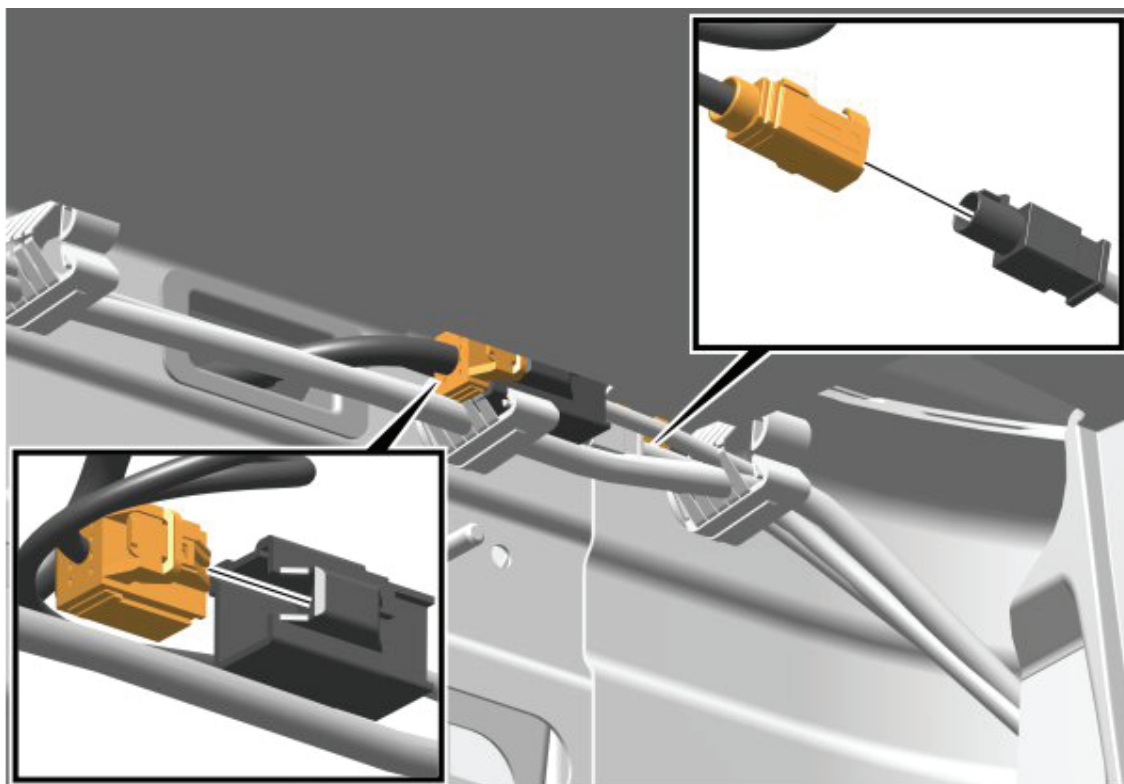
Use a suitable tool.

**Service hint**

Pushing up on the mounting clips from the bottom will aid in the release of the cover.

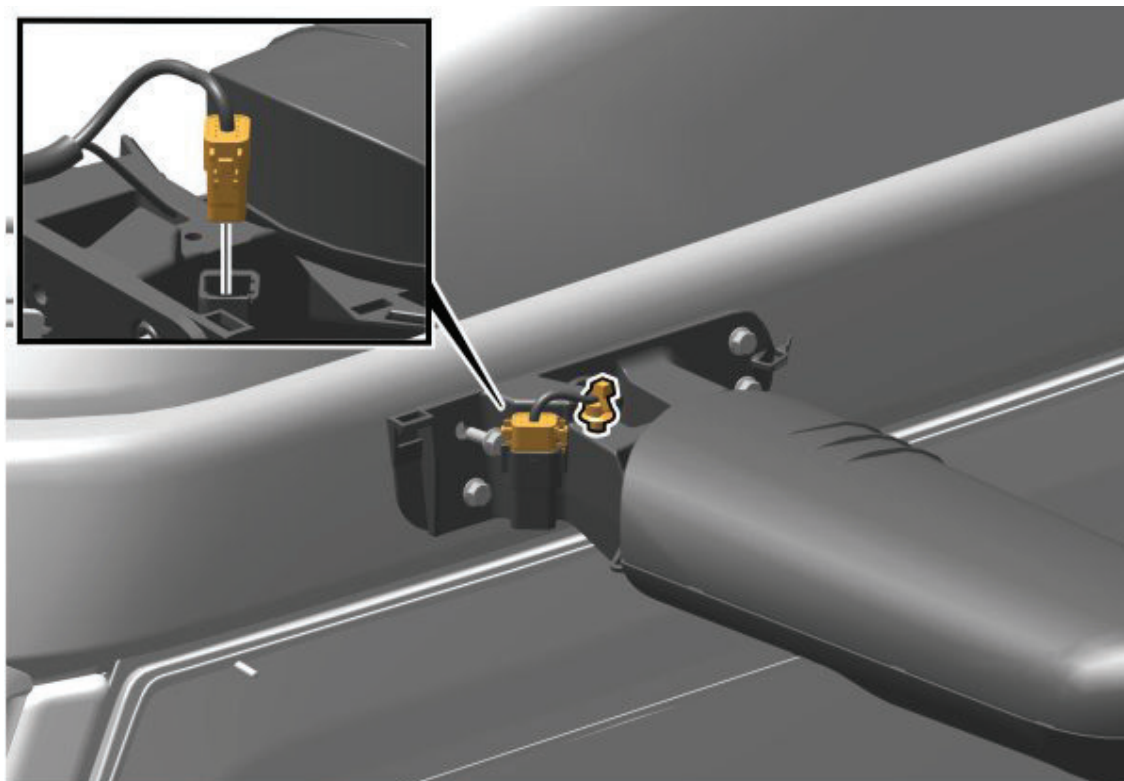
**23**

Disconnect the connectors.

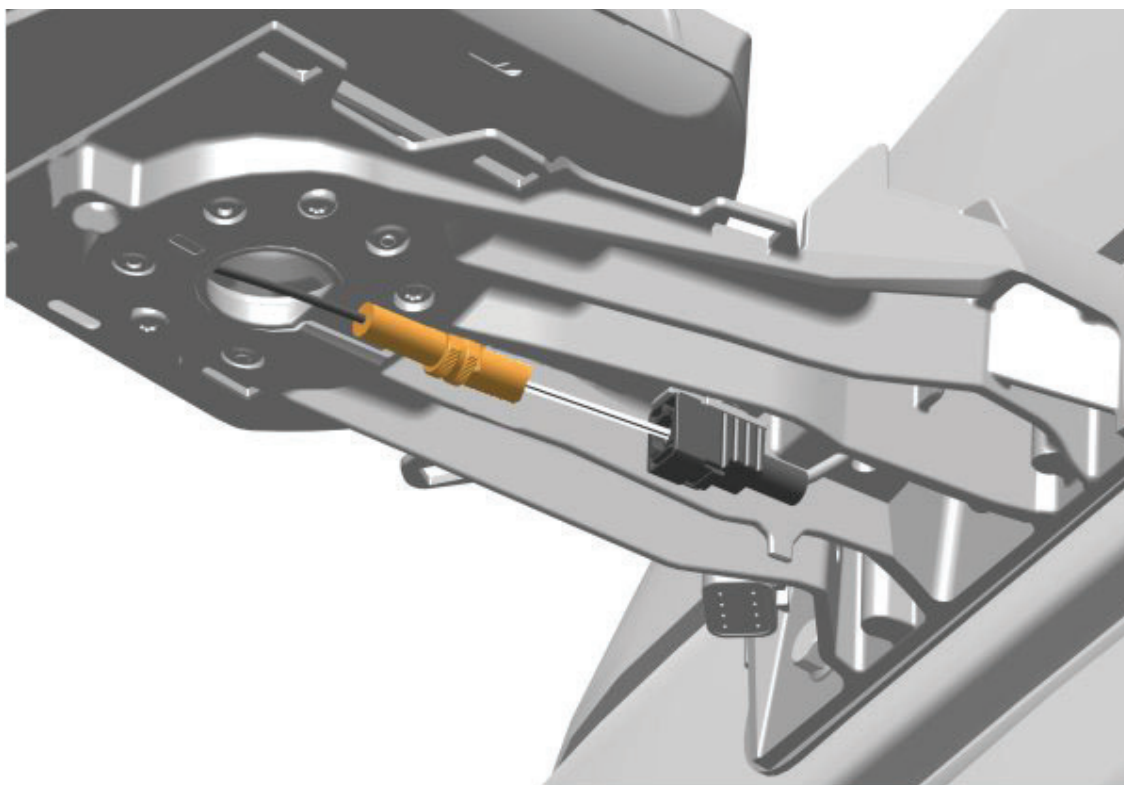


24	Remove the cable tie.
----	-----------------------

25	Disconnect the connector. i Note Press the locking clip.
----	---



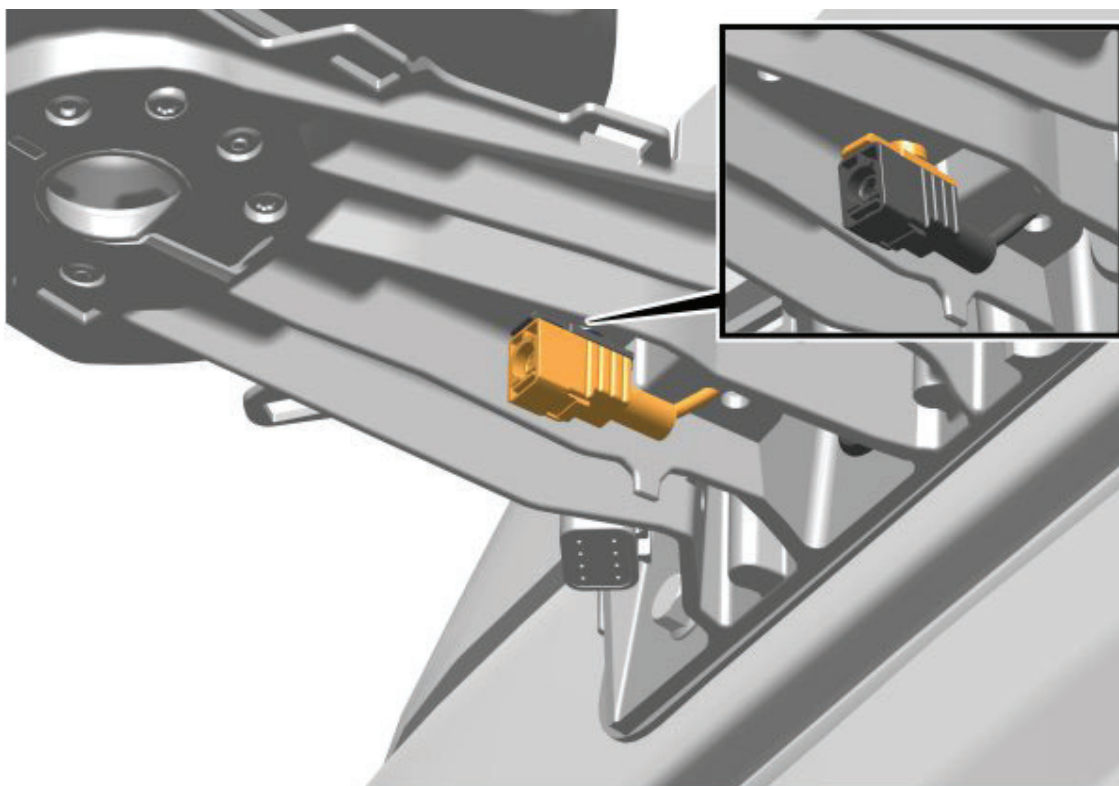
26	Disconnect the connector.
----	---------------------------



27	Remove the connector.
----	-----------------------

**Note**

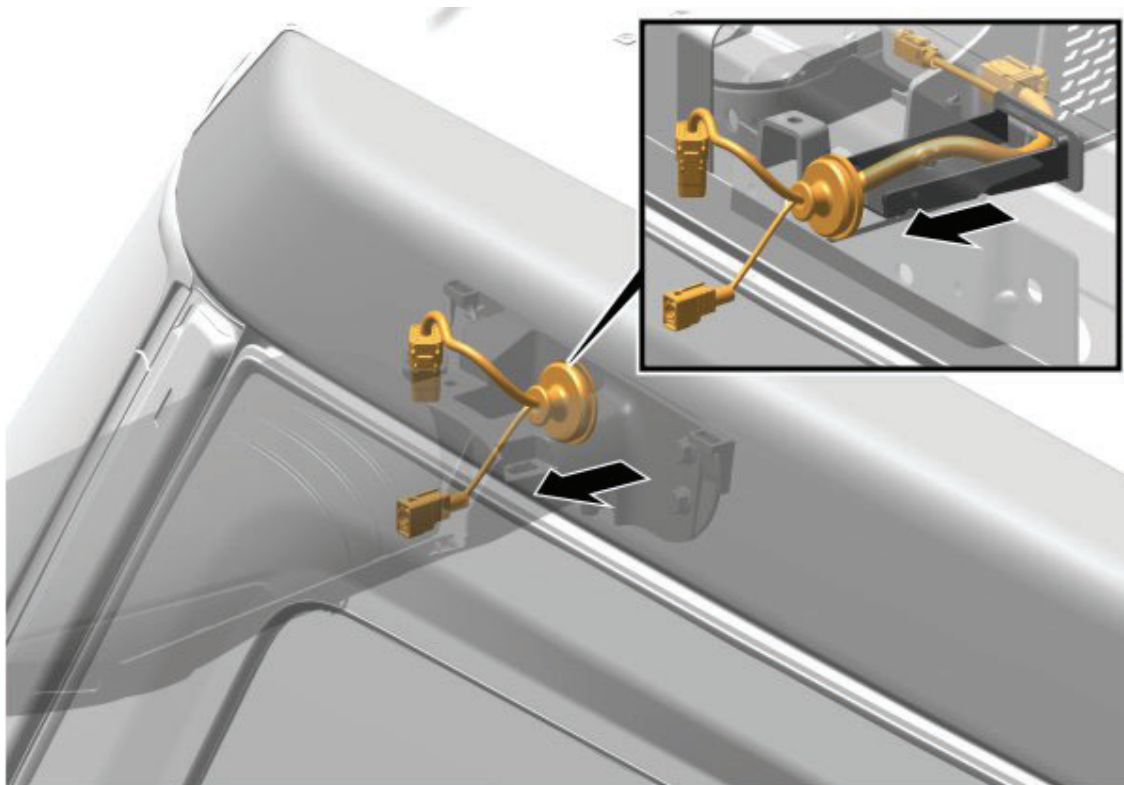
Press down on the locking clip to release it.



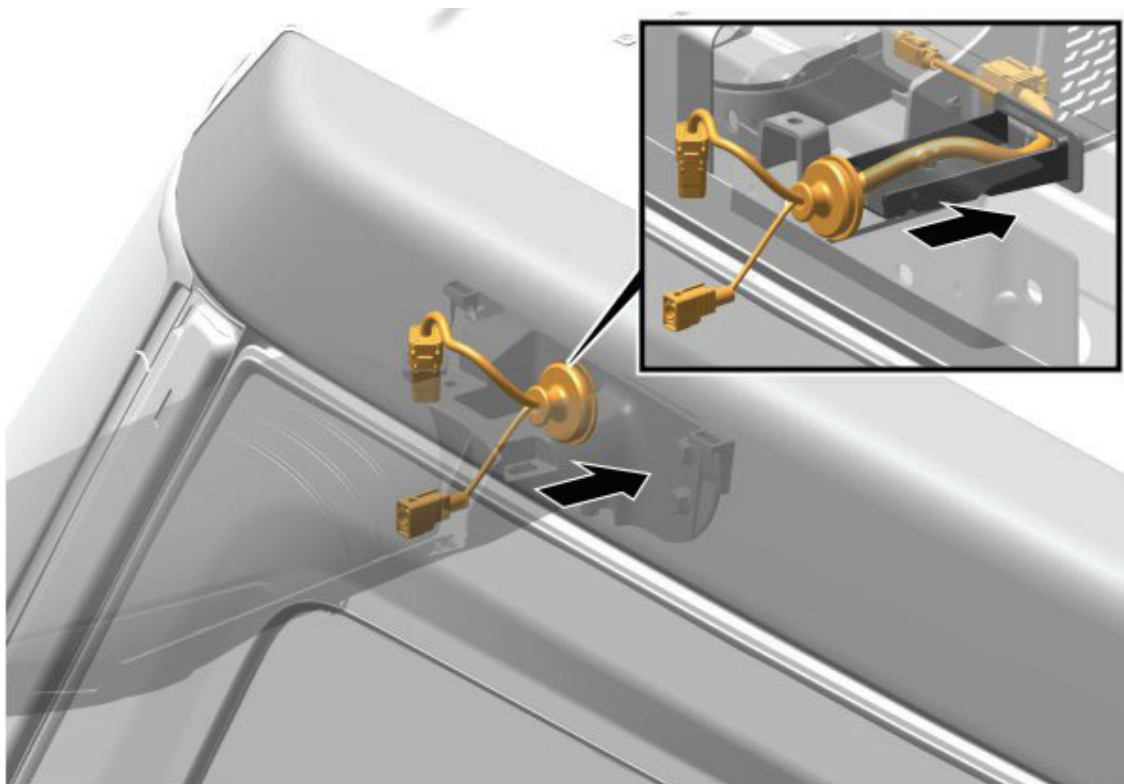
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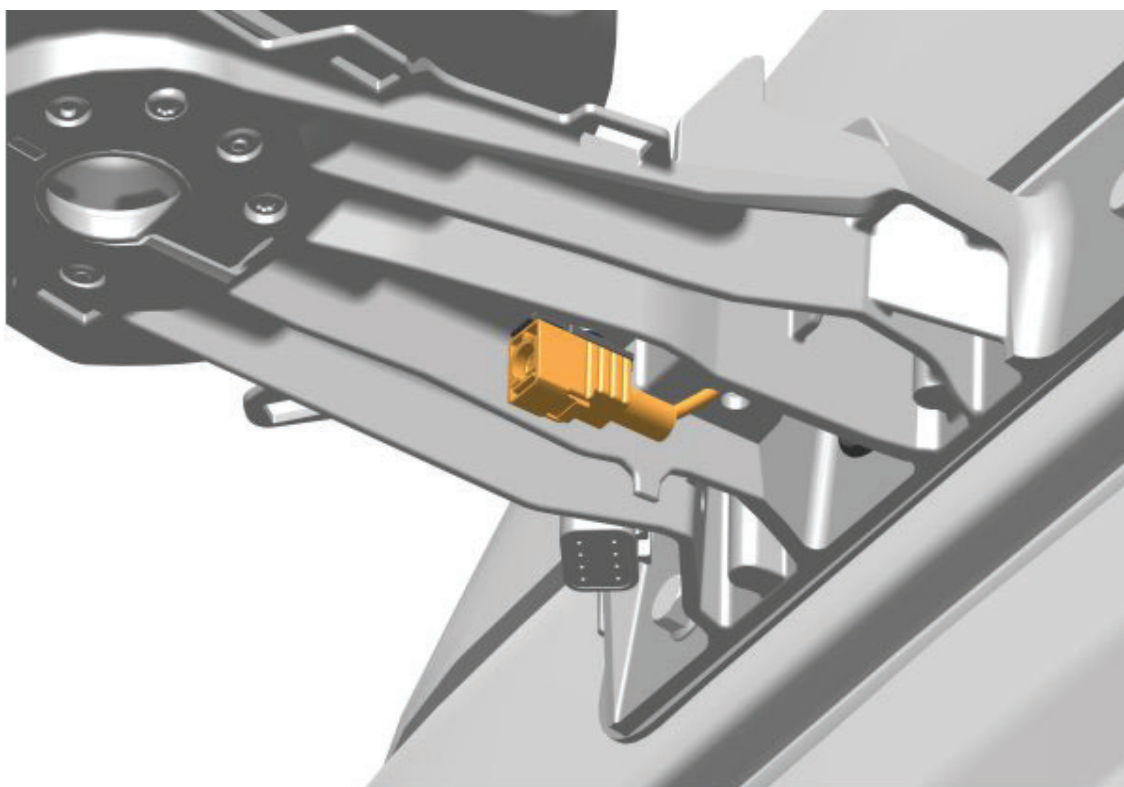
28	Remove the wiring harness. i Note Note the routing.
----	--



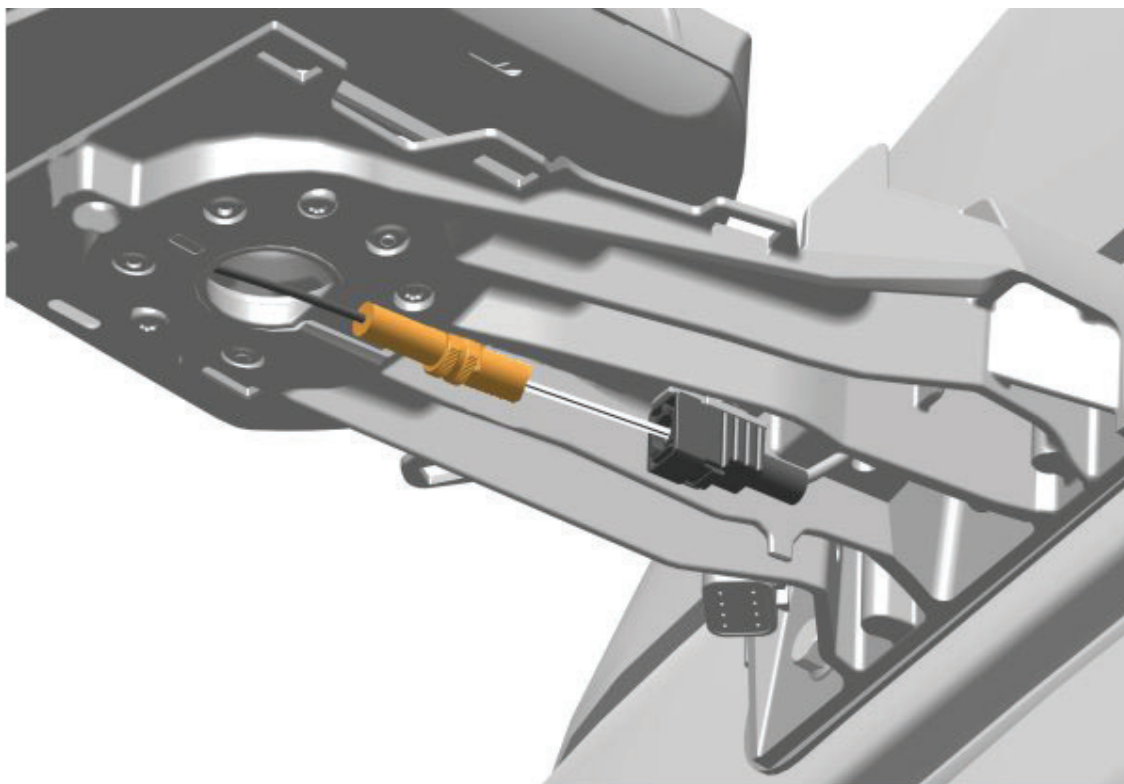
29	Install the wiring harness. i Note As noted.
----	---



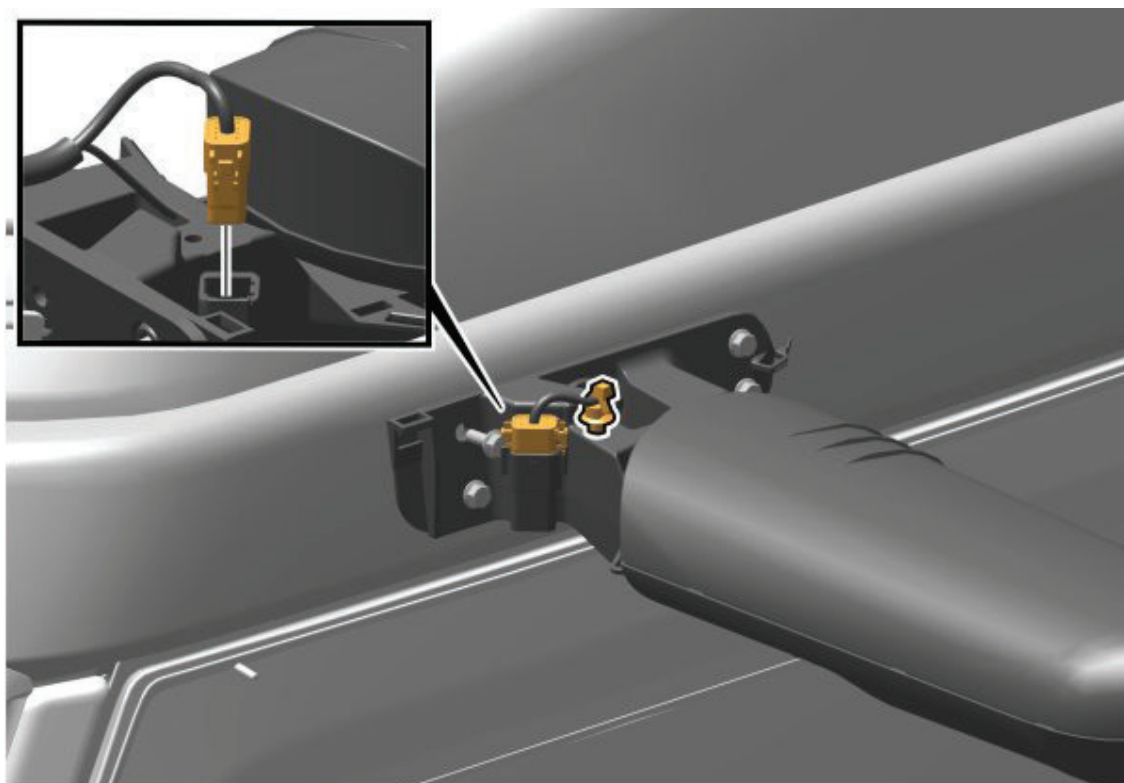
30	Install the connector.
----	------------------------



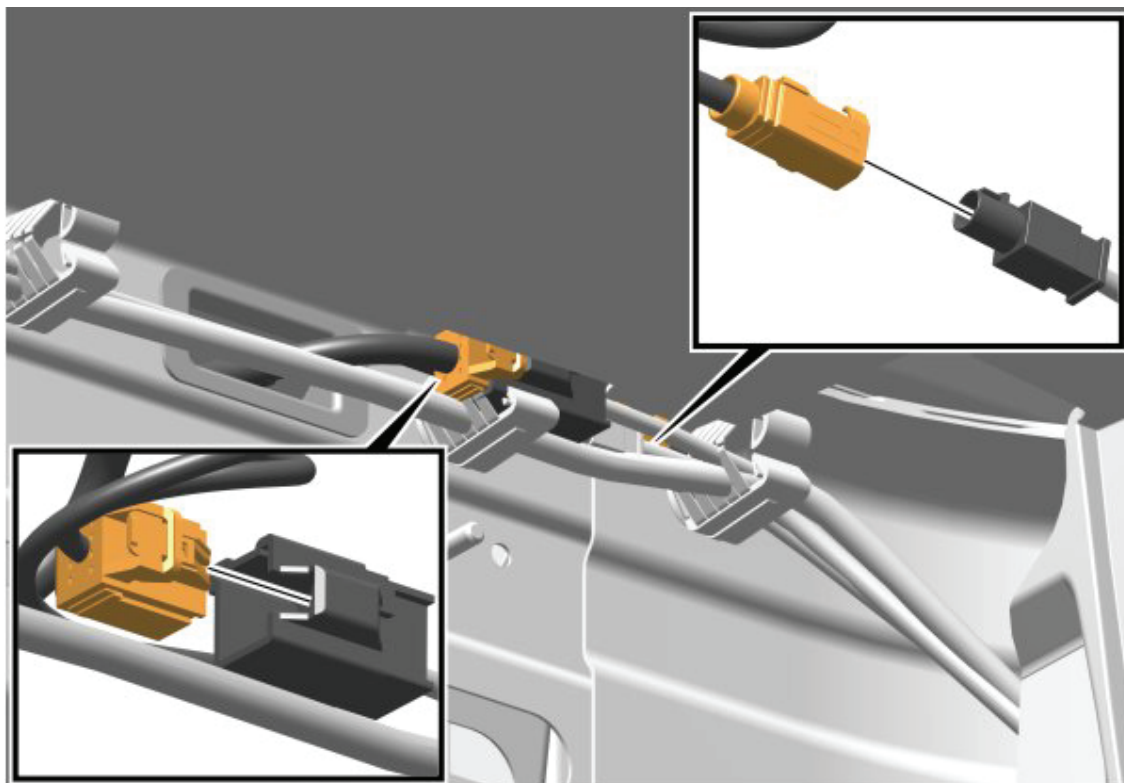
31	Connect the connector.
----	------------------------



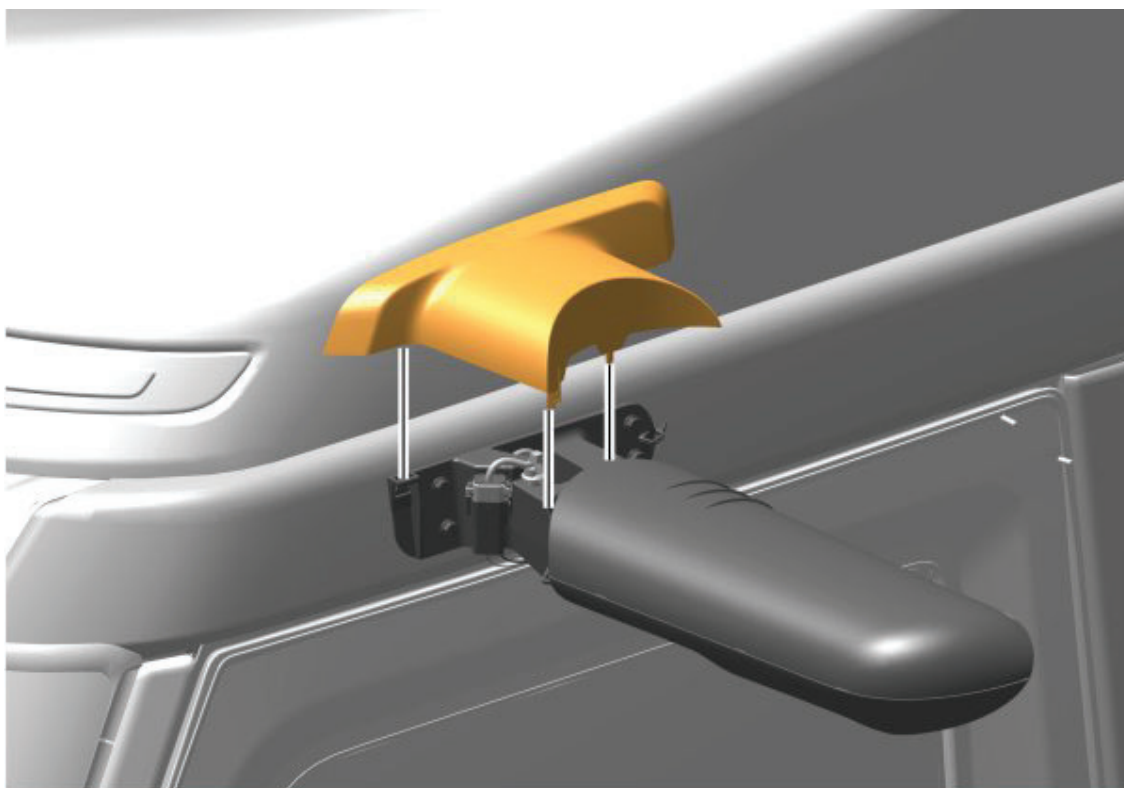
32	Connect the connector.
33	Install the cable tie. i Note Use a new part.



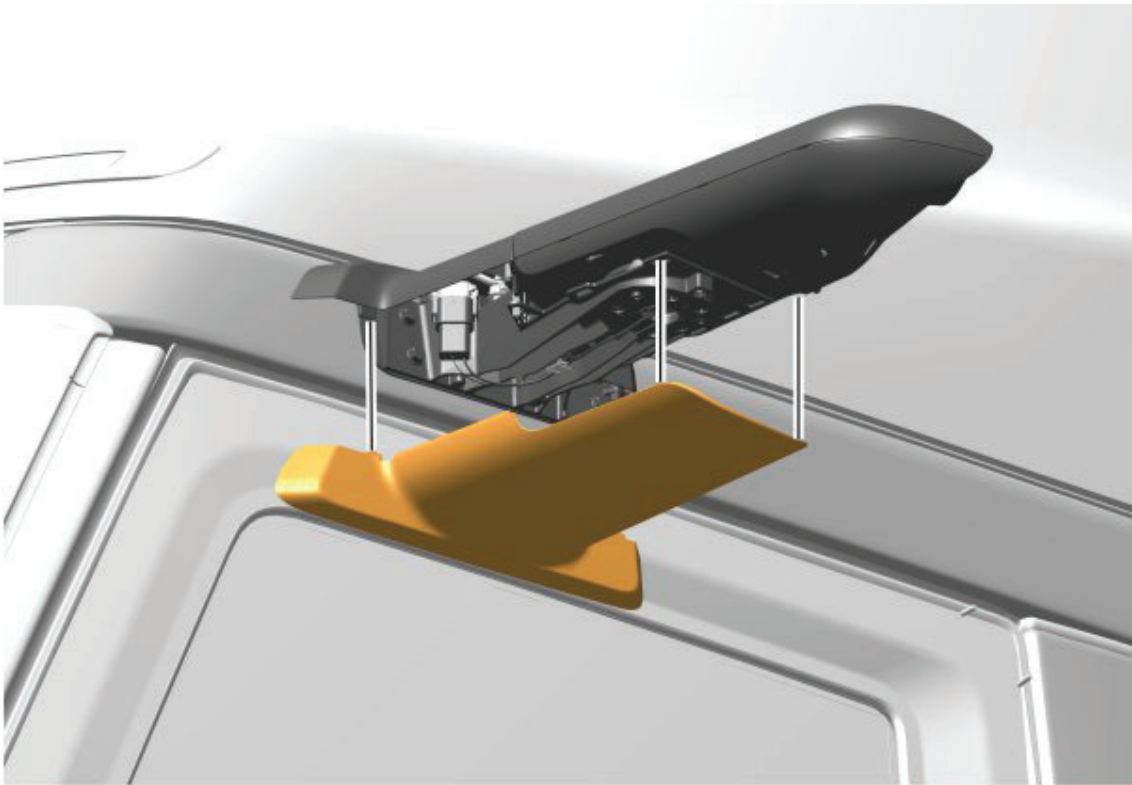
34	Connect the connectors.
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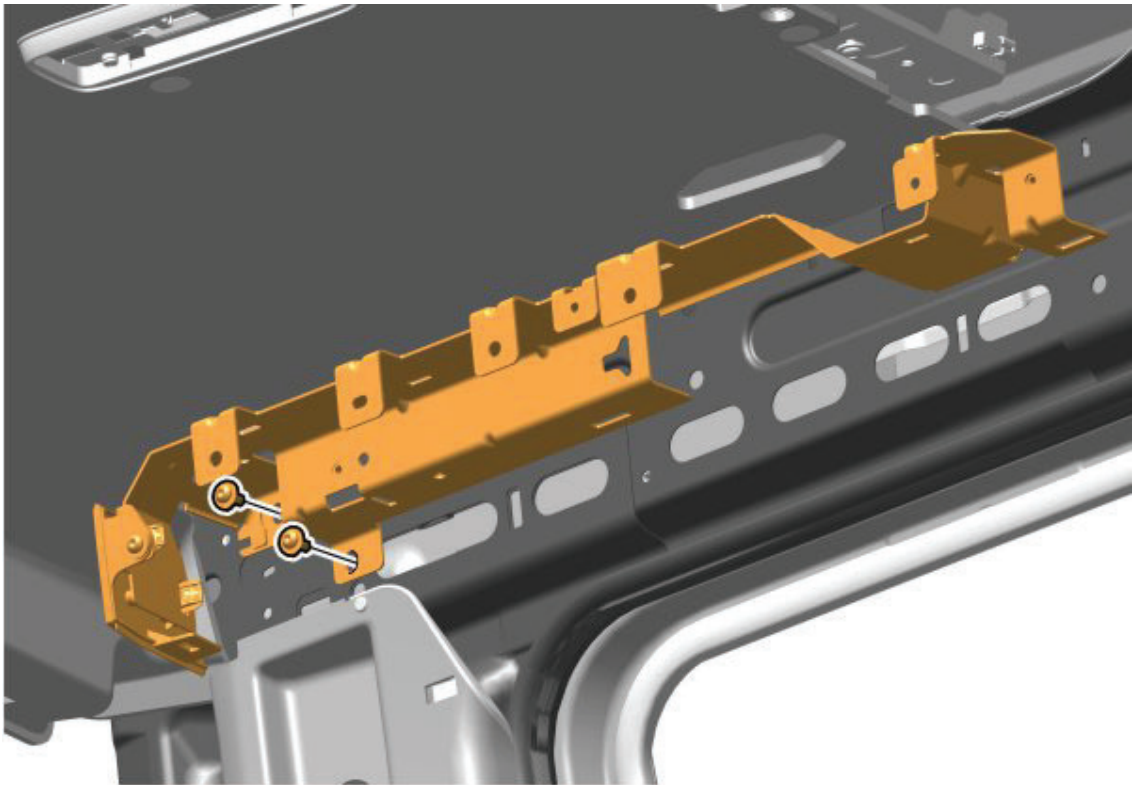
35	Install the upper cover.
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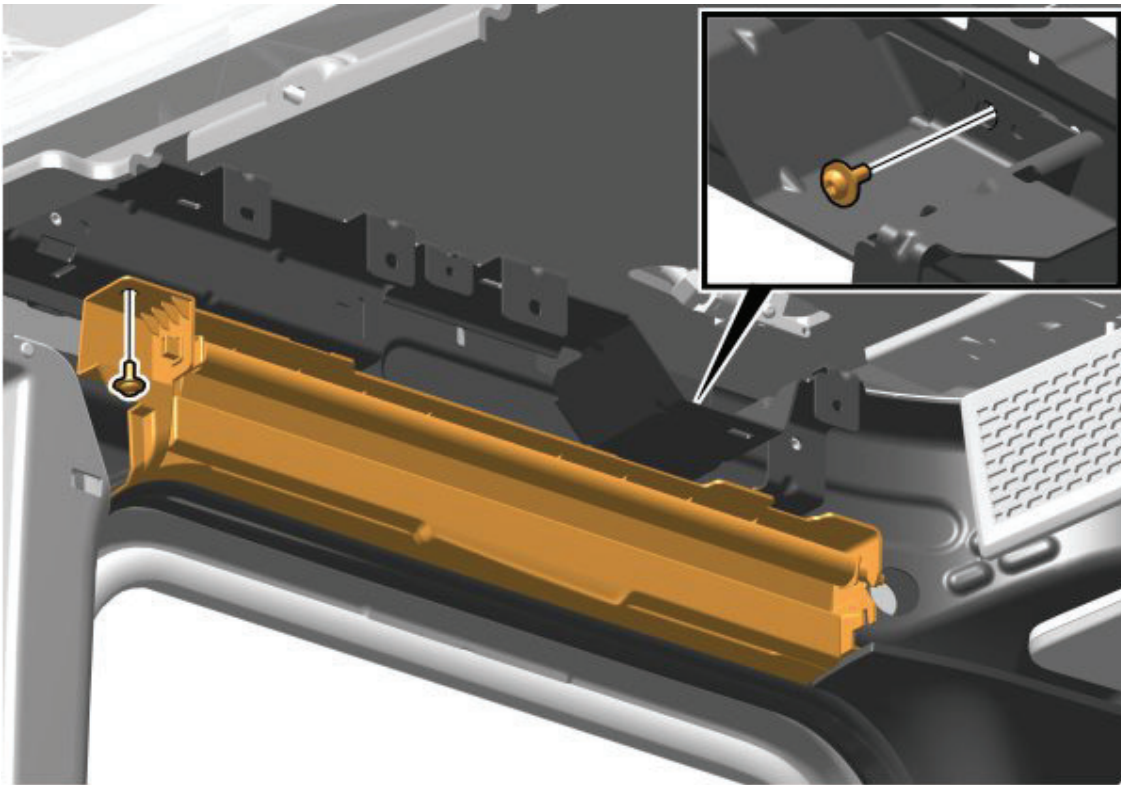
36	Install the lower cover.
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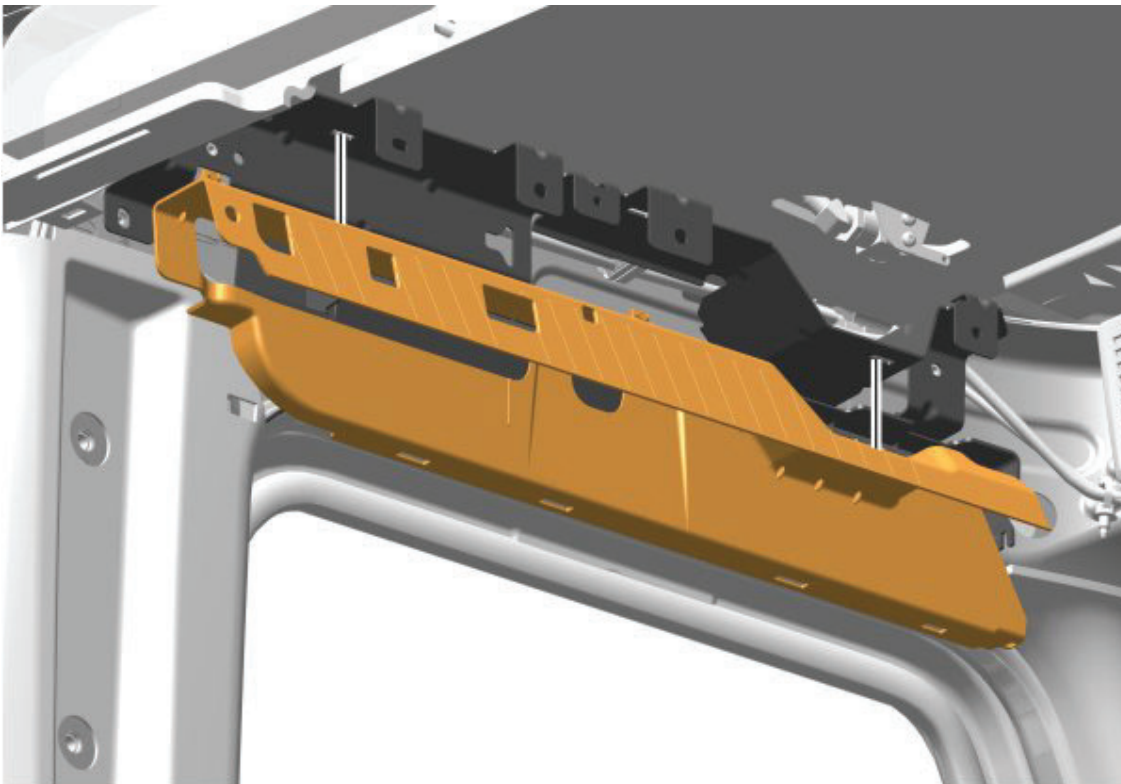
37	Install the bracket.	
38	Install the screws.	
39	Tighten the screws to torque.	
	Tightening torque	
	Bracket, screw	10 ±1.5 Nm (7 ±1 lb _f ·ft)



40	Install the roller blind.	
41	Install the screws.	
42	Tighten the screws to torque.	
	Tightening torque	
	Roller blind, screw	10 ±1.5 Nm (7 ±1 lb _f ·ft)



43 Install the shield.



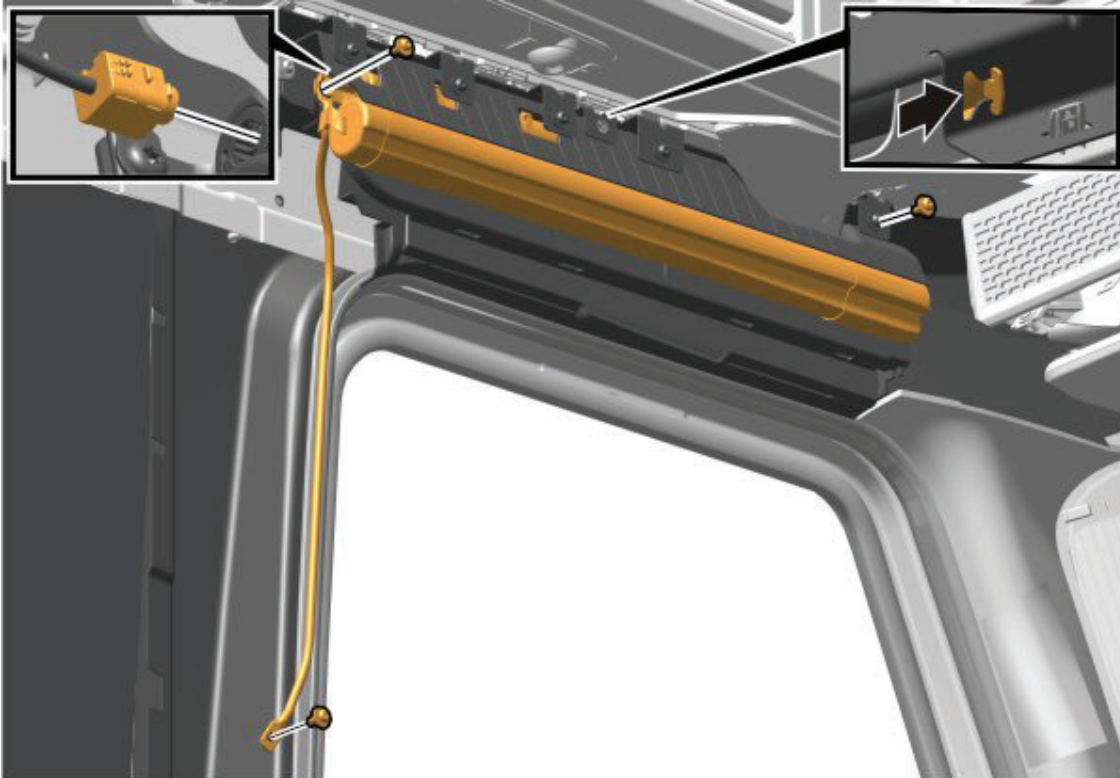
44 Install the airbag module.



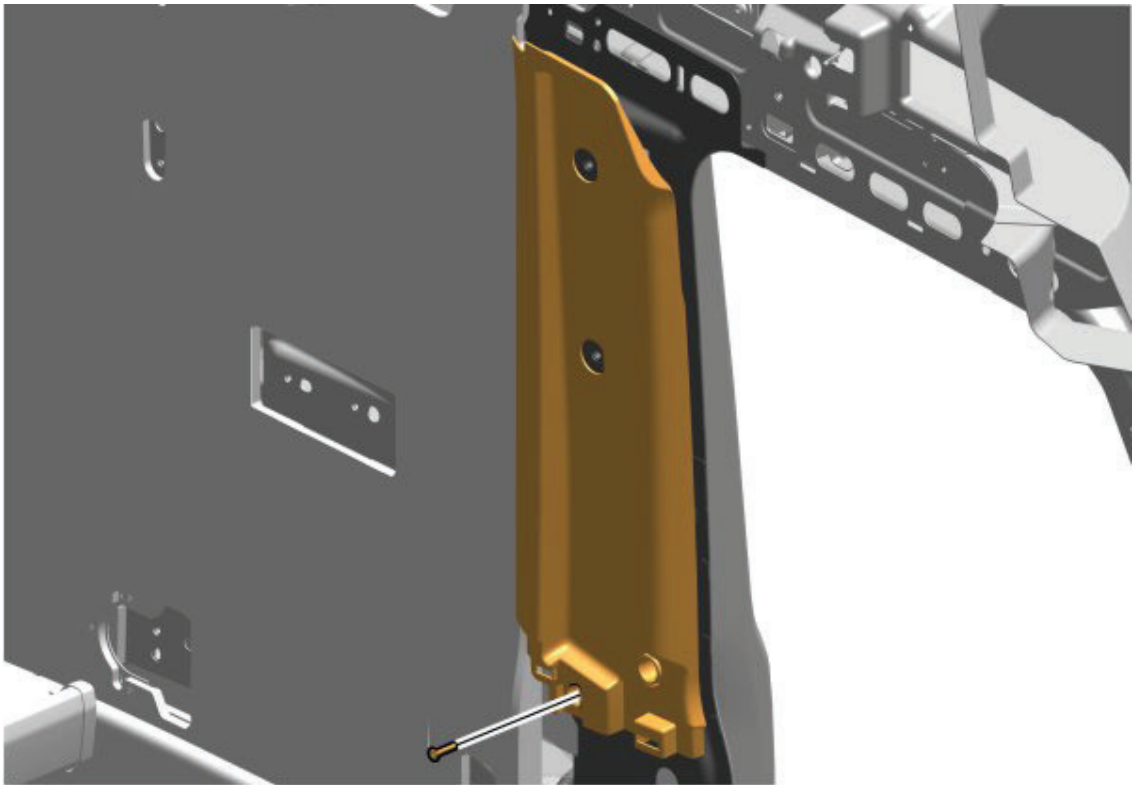
Note

Make sure that the hook is correctly engaged.

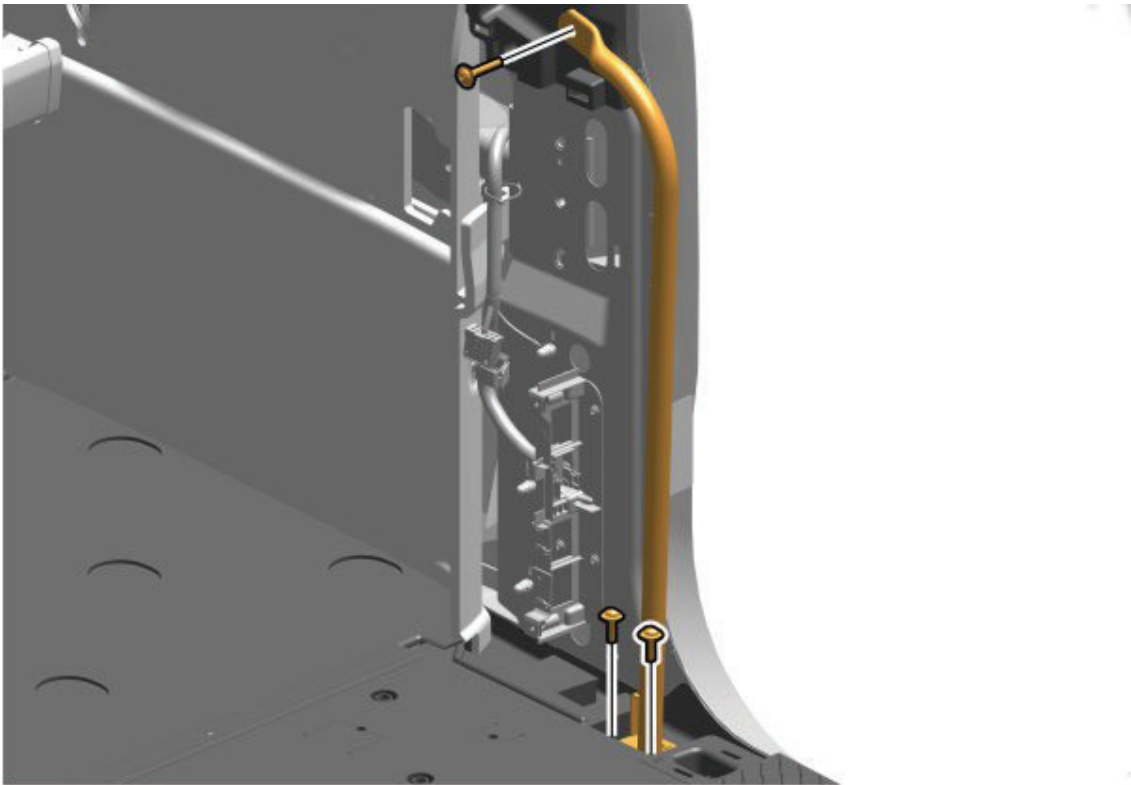
45	Install the screws.	
46	Tighten the screws to torque.	
	Tightening torque	
	Airbag module, screw	$10 \pm 1.5 \text{ Nm}$ $(7 \pm 1 \text{ lb}_f\text{-ft})$
47	Connect the connector.	



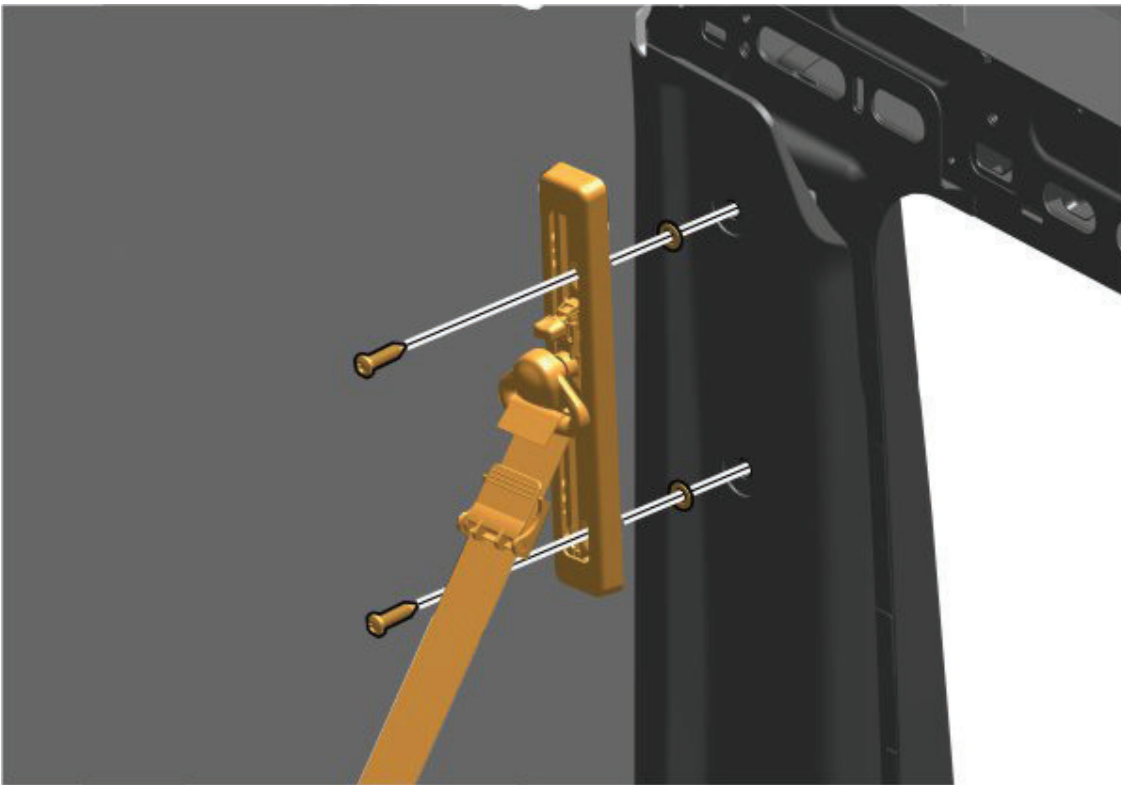
48	Install the trim panel.	
49	Install the screw.	



50	Install the grab handle.	
51	Install the screws.	
52	Tighten the screws to torque.	
	Tightening torque	
	Grab handle, screw	M8
		24 ±4 Nm
		(18 ±3 lb _f ·ft)

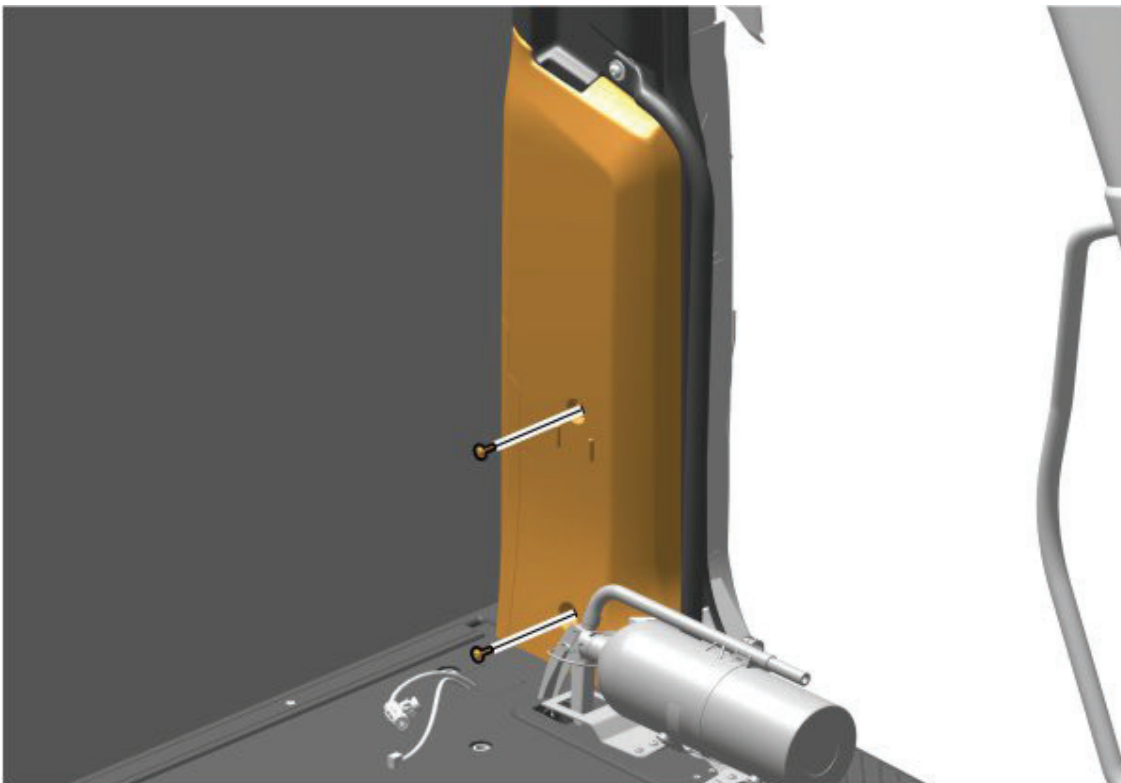


53	Install the washers.	
54	Install the seat belt assembly.	
55	Install the screws.	
56	Tighten the screws to torque.	
	Tightening torque	
	Seat belt, screw	50 ±7 Nm (37 ±5 lb _f ·ft)

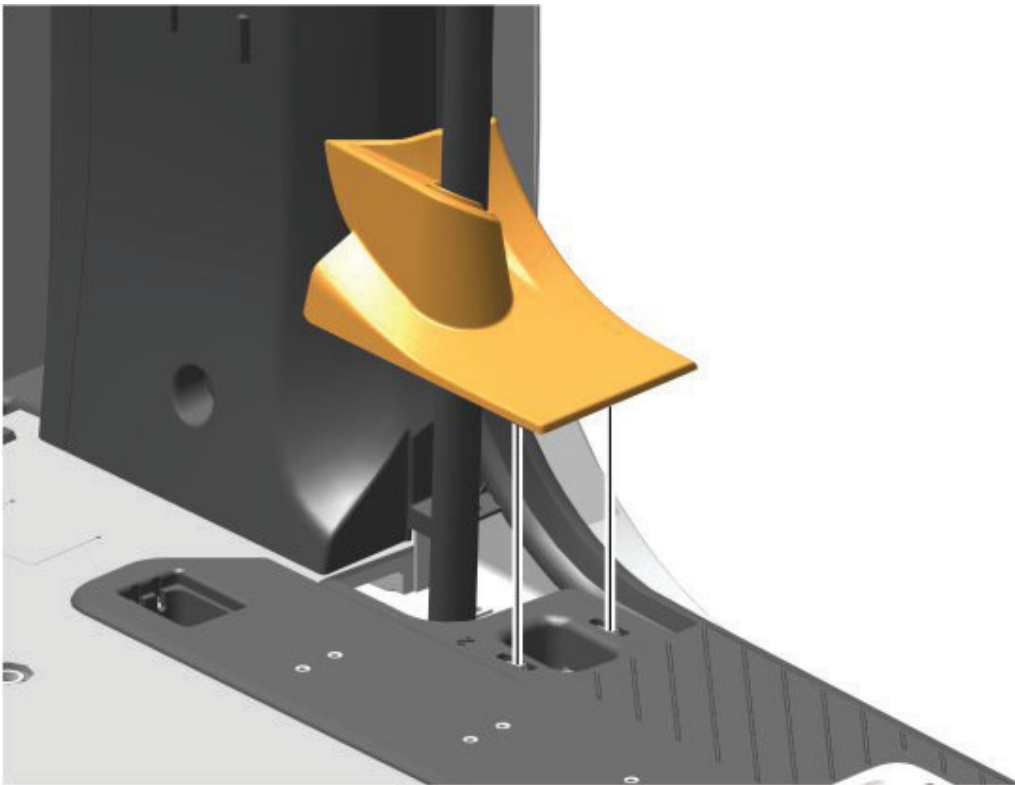


57	Install the panel.
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58	Install the screws.
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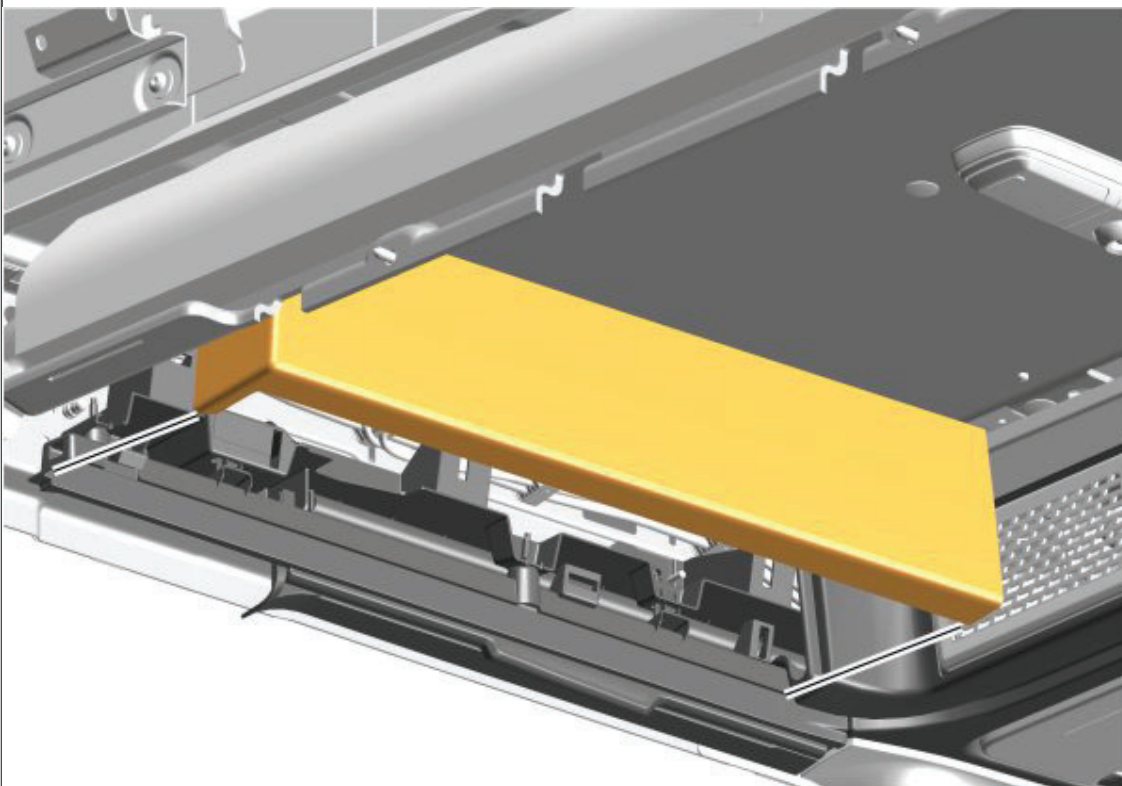
59	Lower the panel.
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- 60 This step contains 2 alternatives.
Select one of the valid alternatives below.

Alternative 1 / 2

- Install the trim panel.



Alternative 2 / 2

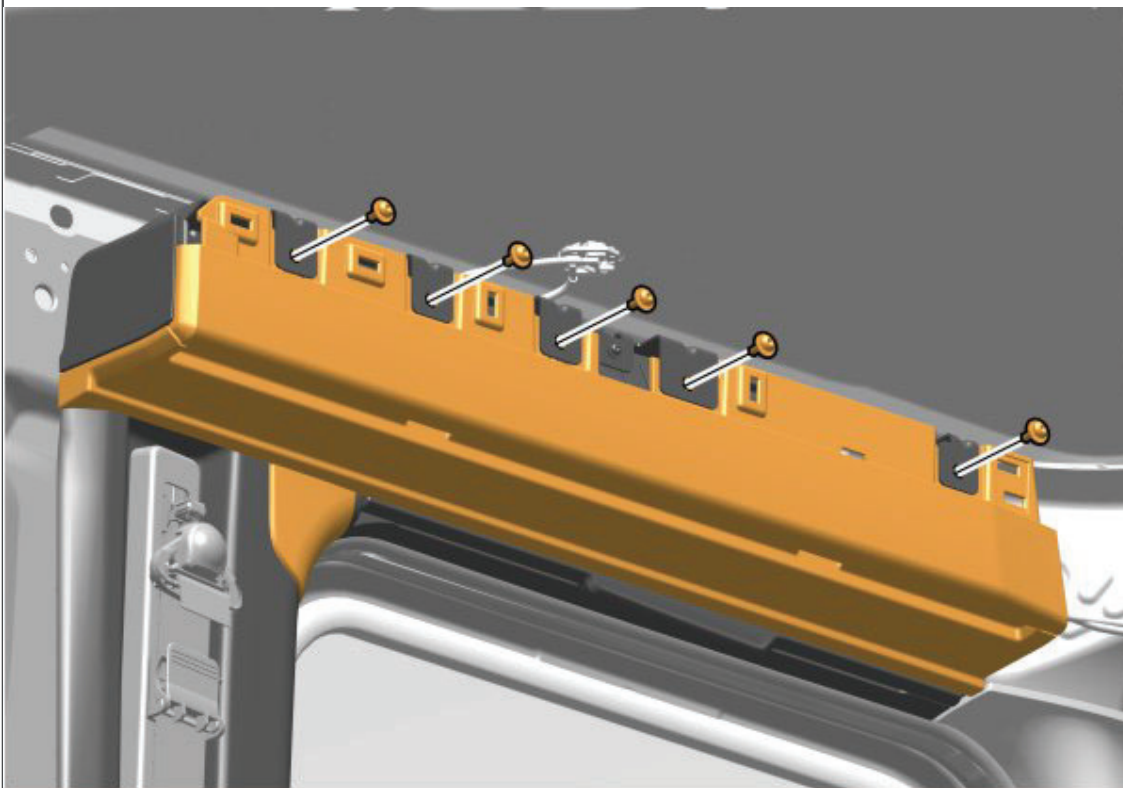
- Install the trim panel.

- Install the screws.

- Tighten the screws to torque.

Tightening torque

Trim panel, screw

 $10 \pm 1.5 \text{ Nm}$ $(7 \pm 1 \text{ lb}_f\text{-ft})$ 

- Install the cover.

