

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title FLL Repair Instructions		Ref. No. TJ 37625.3.0	
Issuer (Dept.) Technical Service		Issue Date 6/17/26	Status Date 7/10/26
Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA		Function Group 3884
Function Description Autonomous drive lidar		Page Page 1 of 25	

Attachment

File Name	File Size
TJI-536761-1_1_4_en-US.pdf	8.9698 MB

Rows beginning with * are modified

Note! If using a printed copy of this Technical Journal, first check for the latest online version.

DESCRIPTION:

If FLL needs to be exchanged according to fault tracing, follow the VIDA instruction if a spare part exists; otherwise, follow the advice under “Service” below.

CSC Customer Symptom Codes

Code	Description
3L	Technician information/Repair information/Not for warranty use
C4	Complete vehicle/Unusual noise/While driving
G4	Headlining/Unusual noise

DTC Diagnostic Trouble Codes

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
356							2025-2026		-	202417-202545

SERVICE:

Remove FLL according to the attached instructions.

FLL removal software part numbers:

- **EX90:** 32491012

Abbreviations:

FLL = Forward Looking Lidar

Technical Journal 37625.3.0

Warranty claim info:

To get a warranty claim accepted for a job described in this TJ, use the corresponding VST OP number stated in this TJ.

Validation is required to justify the removal of the part and must be submitted as part of a vehicle report. Claims submitted without a valid vehicle report will be rejected.

Please note that fault tracing is not eligible for separate reimbursement under this TJ. Any fault tracing VST OP numbers will be rejected.

Note that the TJ number must be stated in the repair order text.

VST Operation Number

VST Operation Number	Description
98791-2	Lidar borttagning enl. TJ/ Lidar remove acc to TJ

VEHICLE REPORT:

Yes, please submit a Vehicle Report. Use the concern area "Vehicle Report" and sub concern area "Support not needed", use function group 3884. Add the TJ number in the title of the report as a reference.

To view TJ attachments continue to next page. This TJ has one attachment.



Volvo Car Customer Service

TJ Instruction VCC-536761-1

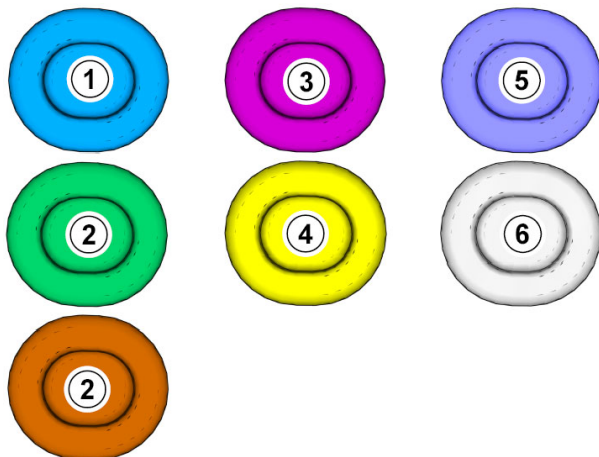
Title	Forward-Looking Lidar (FLL)	Page	1 (23)
Action	Product fix	Operation number:	

Issue	Date	Reason
1	2026-06	First issue

Affected vehicles

Model year	Model
2025, 2026	EX90

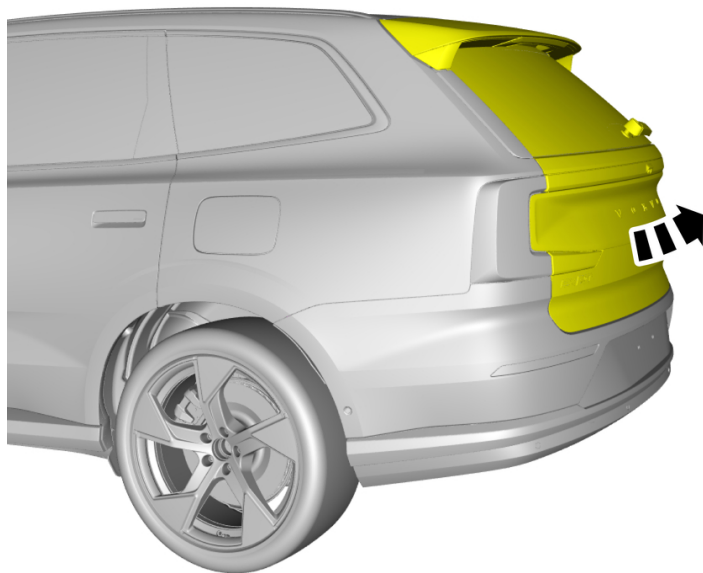
Color symbols

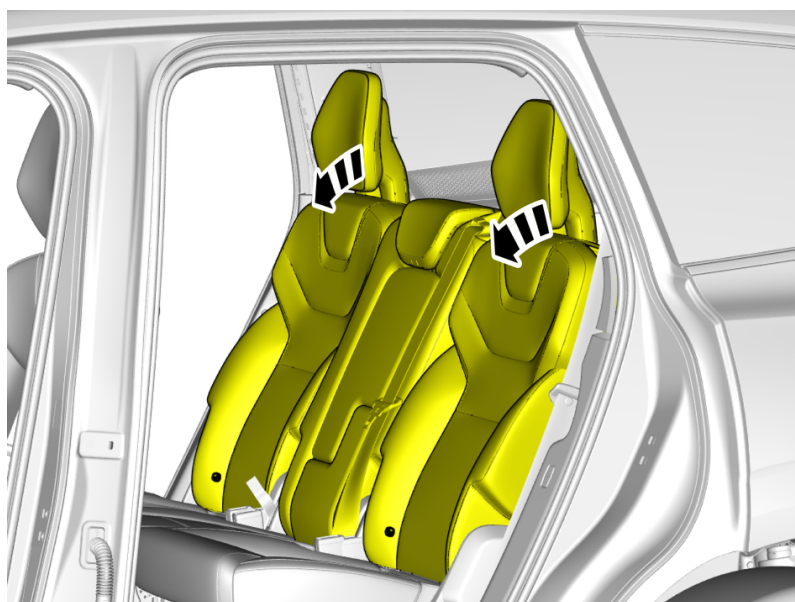


Note! This colour chart displays (in colour print and electronic version) the importance of the different colours used in the images of the method steps.

- 1 . Used for focused component, the component with which you will do something.
- 2 . Used as extra colors when you need to show or differentiate additional parts.
- 3 . Used for attachments that are to be removed/installed. May be screws, clips, connectors, etc.
- 4 . Used when the component is not fully removed from the vehicle but only hung to the side.
- 5 . Used for standard tools and special tools.
- 6 . Used as background color for vehicle components.

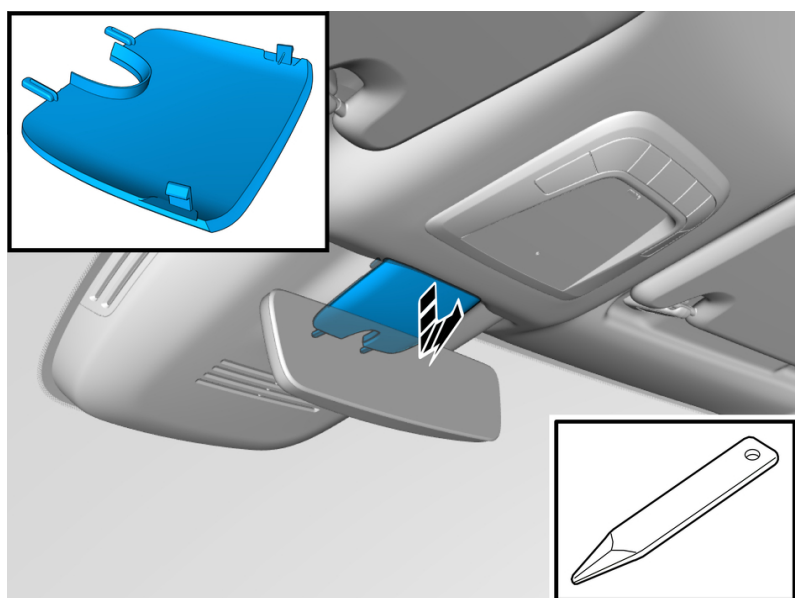
Removal



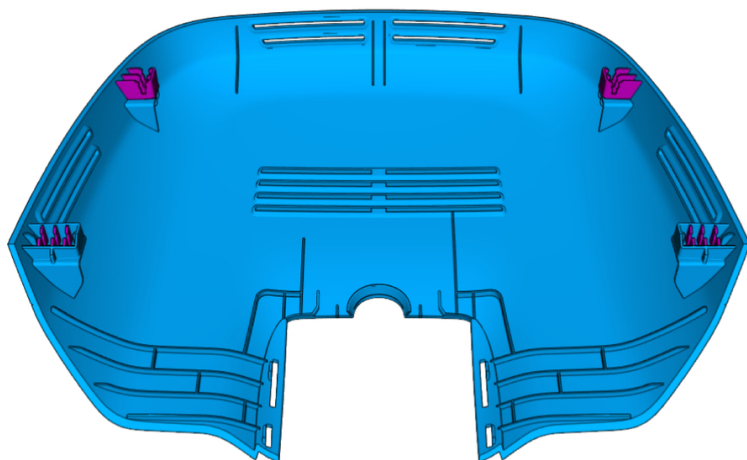




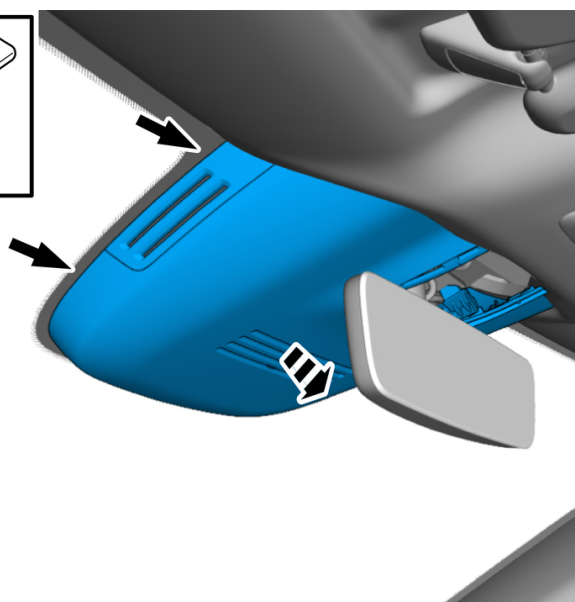
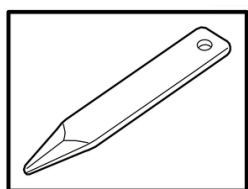
Follow the instructions regarding battery disconnecting and connecting , refer to:
Cleaning, Inspection and Adjustment
3 - Electrical system
31 - Battery and mounting
311 - battery



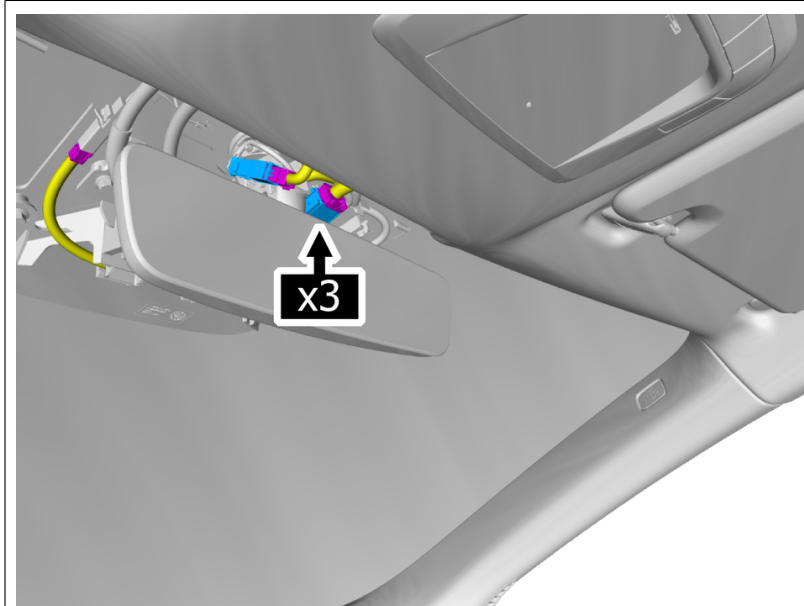
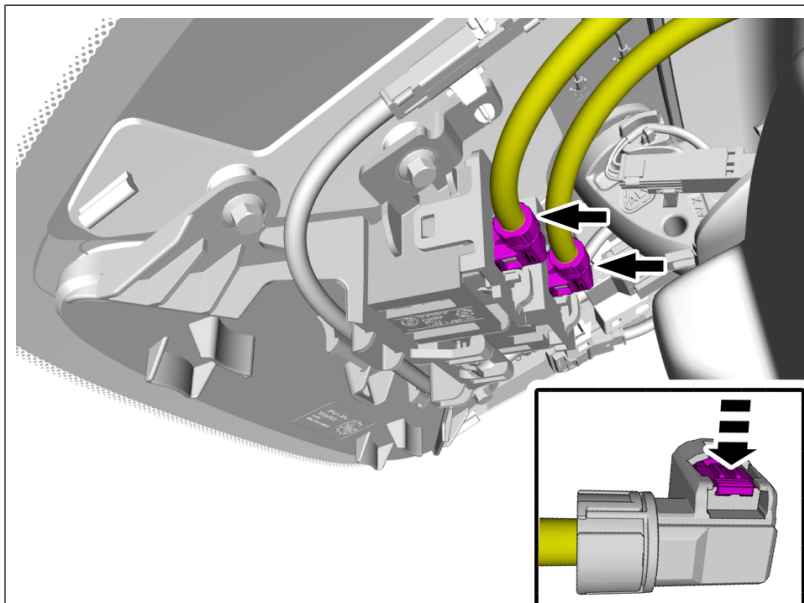
Remove the marked part.



Note! The graphic shows the back of the component before removal.

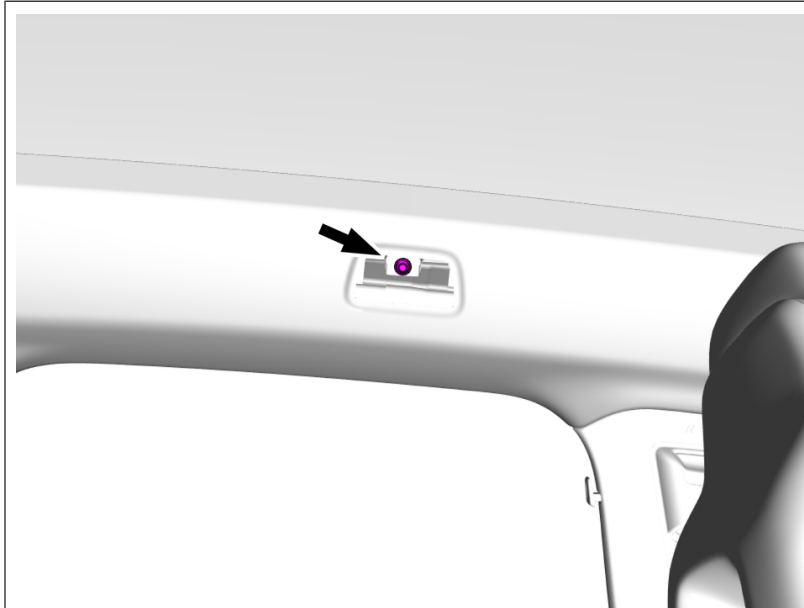


Release the catches.
Repeat on the other side.
Remove the marked part.



Remove the following components:

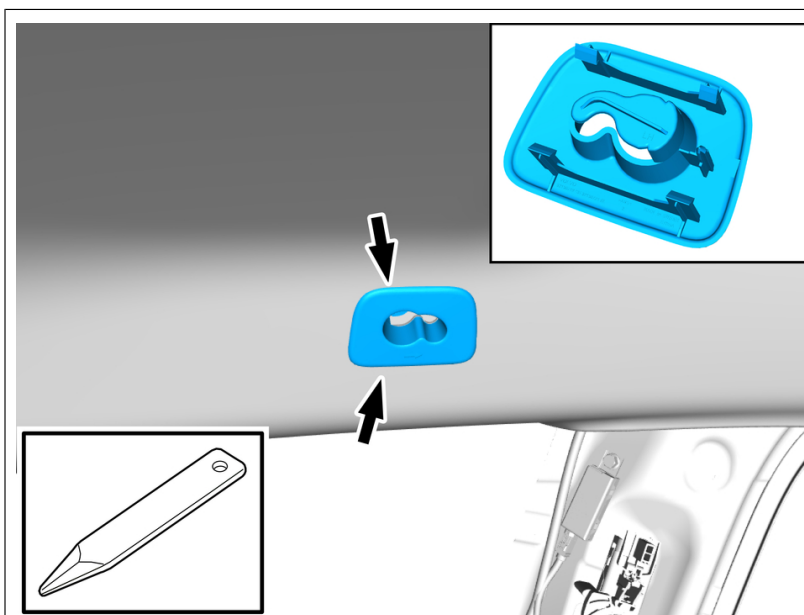
- A-pillar trim panel , refer to:
Removal, replacement and installation
8 - Body and interior
85 - Interior
851 - upholstery for wall/door, side, rear shelf, luggage rack
- B-pillar trim panel , refer to:
Removal, replacement and installation
8 - Body and interior
85 - Interior
851 - upholstery for wall/door, side, rear shelf, luggage rack
- C-pillar trim panel , refer to:
Removal, replacement and installation
8 - Body and interior
85 - Interior
851 - upholstery for wall/door, side, rear shelf, luggage rack
- panel, D-pillar , refer to:
Removal, replacement and installation
8 - Body and interior
85 - Interior
851 - upholstery for wall/door, side, rear shelf, luggage rack
- rear interior light, side (OHRL / OHRR) , refer to:
Removal, replacement and installation
3 - Electrical system
35 - Lighting
354 - lighting, interior
- overhead console (OHC) , refer to:
Removal, replacement and installation
3 - Electrical system
35 - Lighting
354 - lighting, interior
- sun visor , refer to:
Removal, replacement and installation
8 - Body and interior
88 - Interior equipment
882 - interior equipment



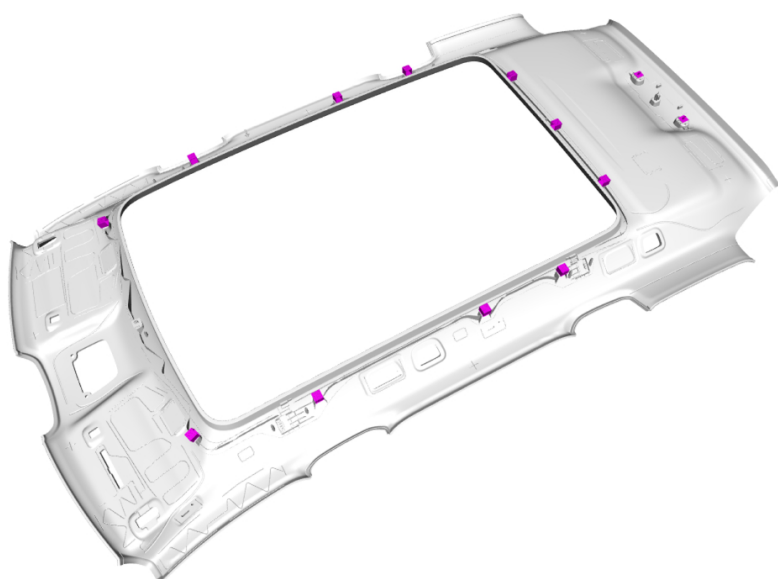
Remove the screw.
Repeat on the other side.

Torque:

M5 , 5 Nm

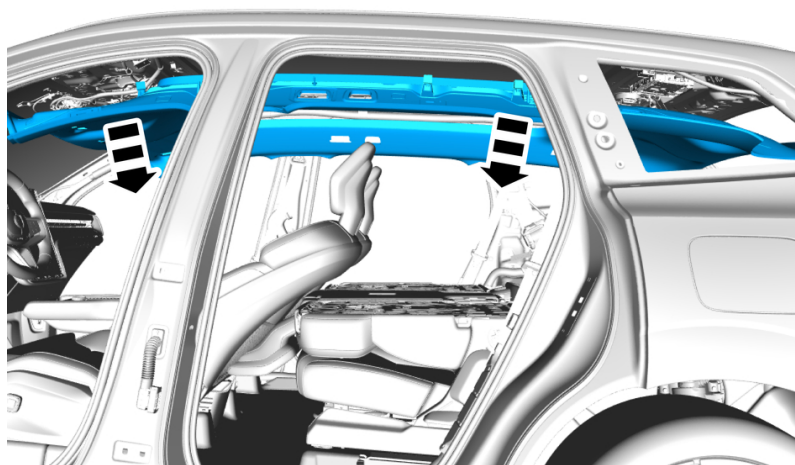


Remove the marked part.
Repeat on the other side.



Note! Orientation view

Note! Velcro strip

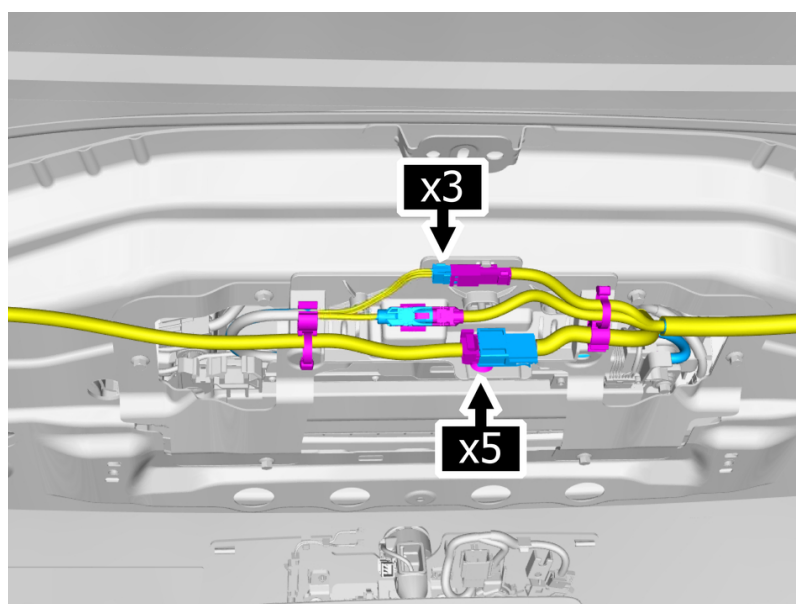


Caution! Take extra care not to crease the headliner.

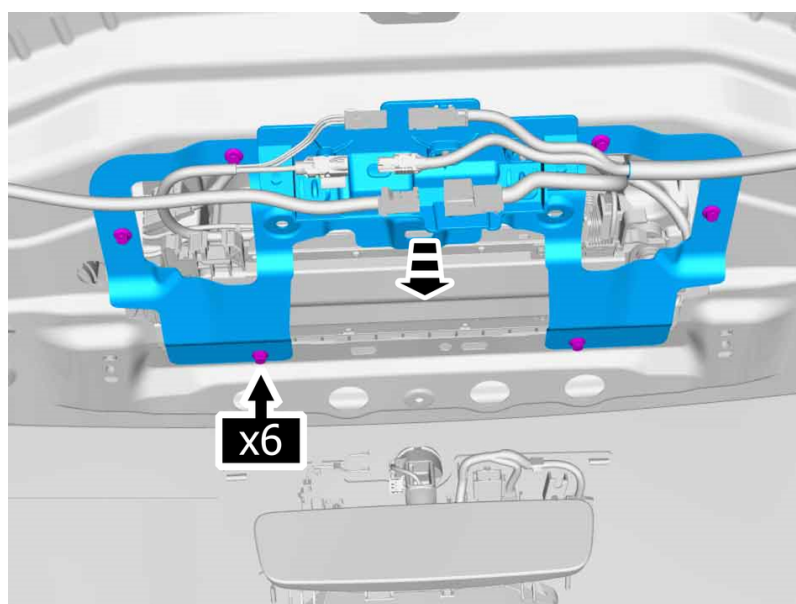
Lower the component somewhat.

Caution! Always wear gloves when working with optical components.

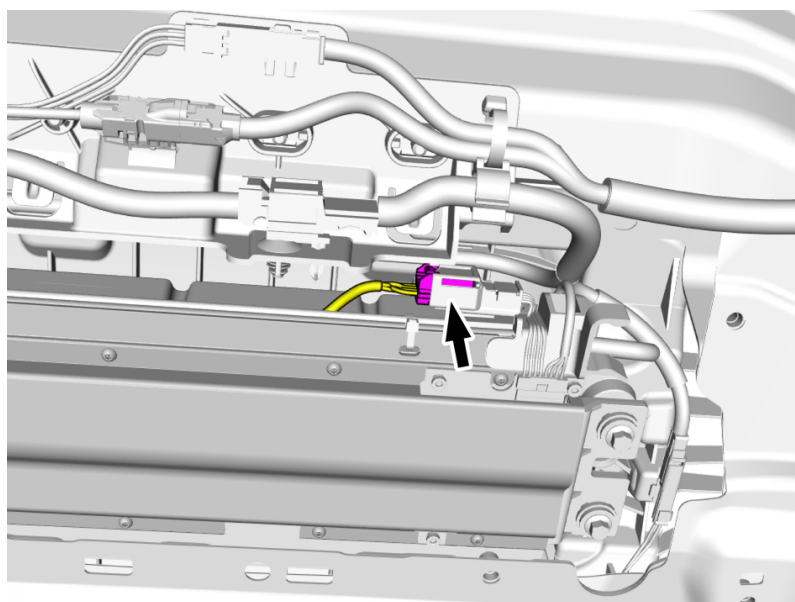
Caution! Do not touch any optical surfaces even if you are wearing gloves.



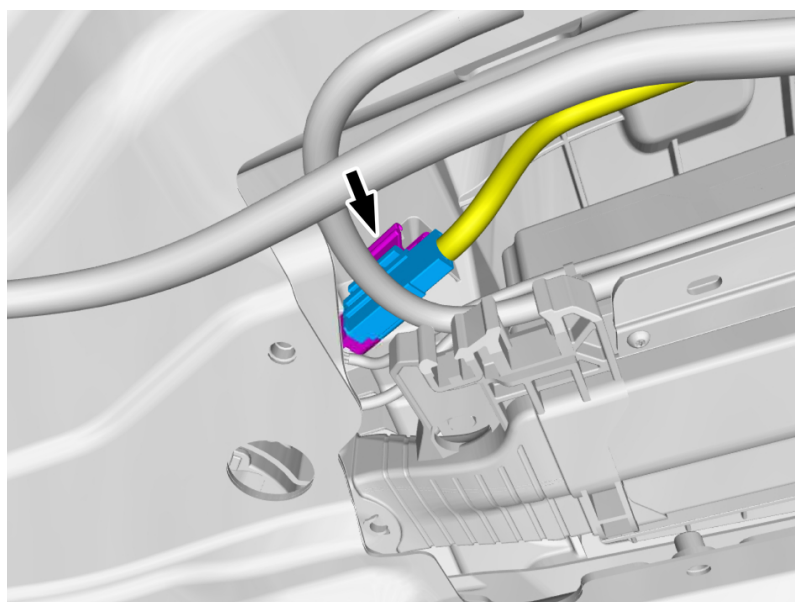
Disconnect the connectors.
Remove the clips.



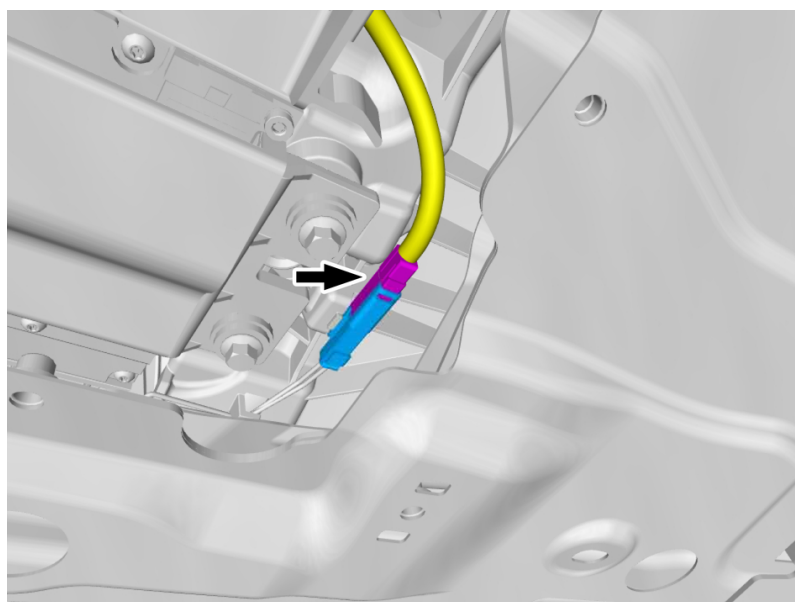
Remove the screws.
Remove the marked part.



Disconnect the connector.



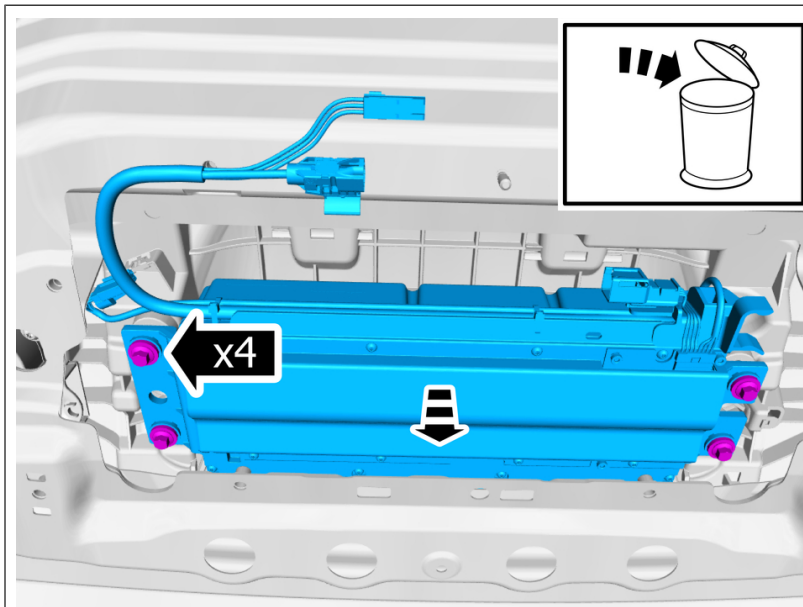
Loosen the clip.
Disconnect the connector.



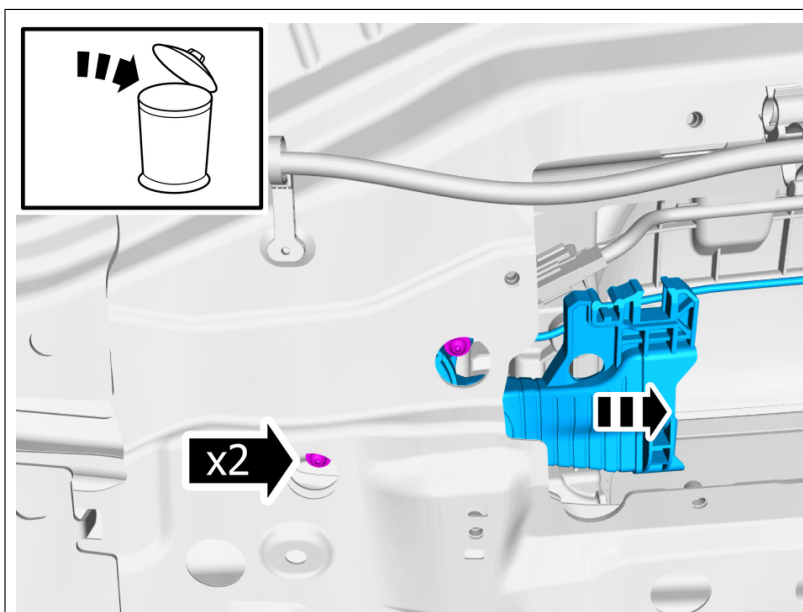
Remove the clip.
Disconnect the connector.



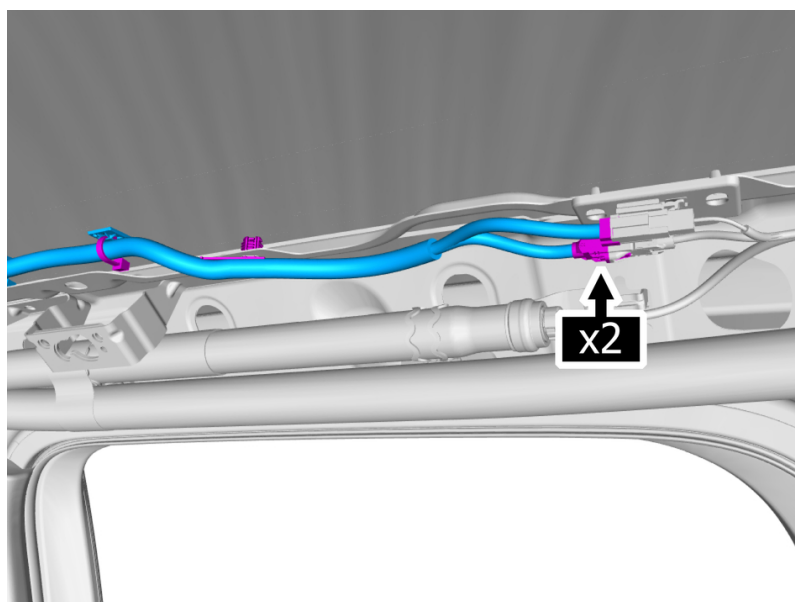
Fold marked part aside.



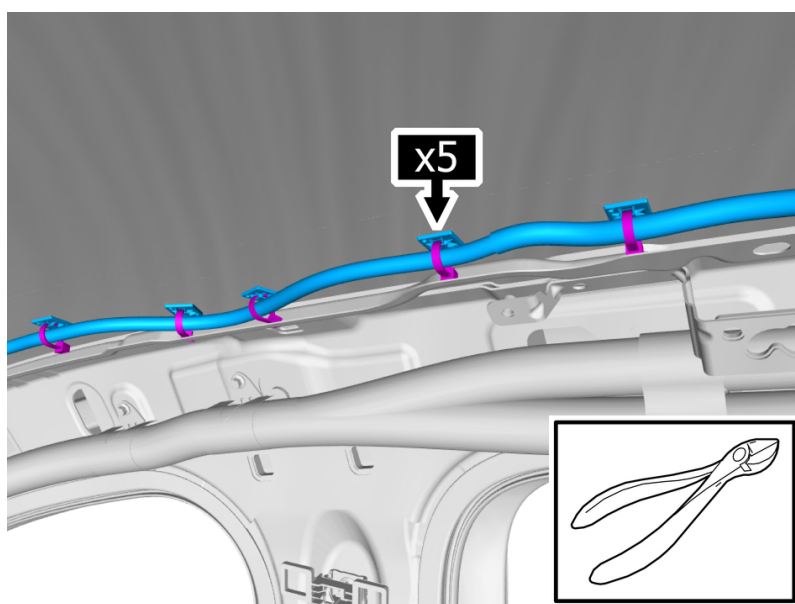
Remove the screws.
Remove the marked part.
The parts are not to be reused.



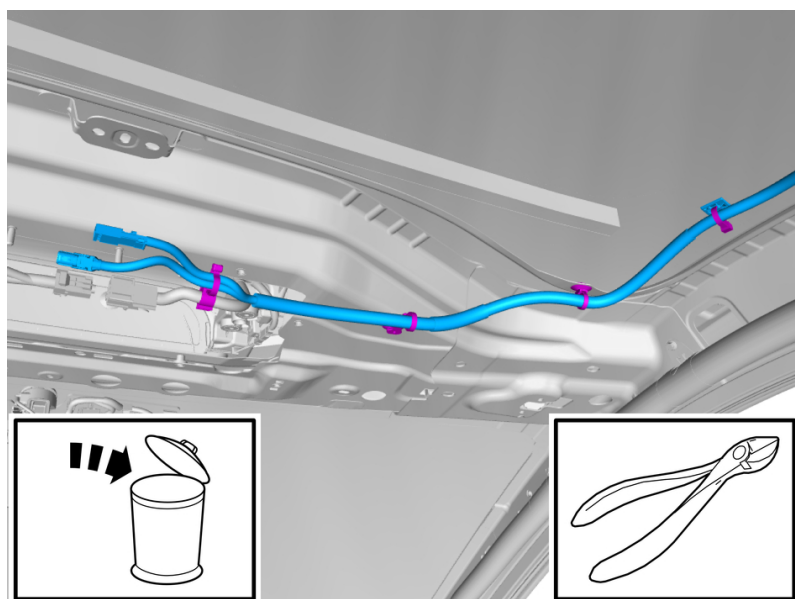
Remove the screws.
Remove the marked part.
The part is not to be reused.



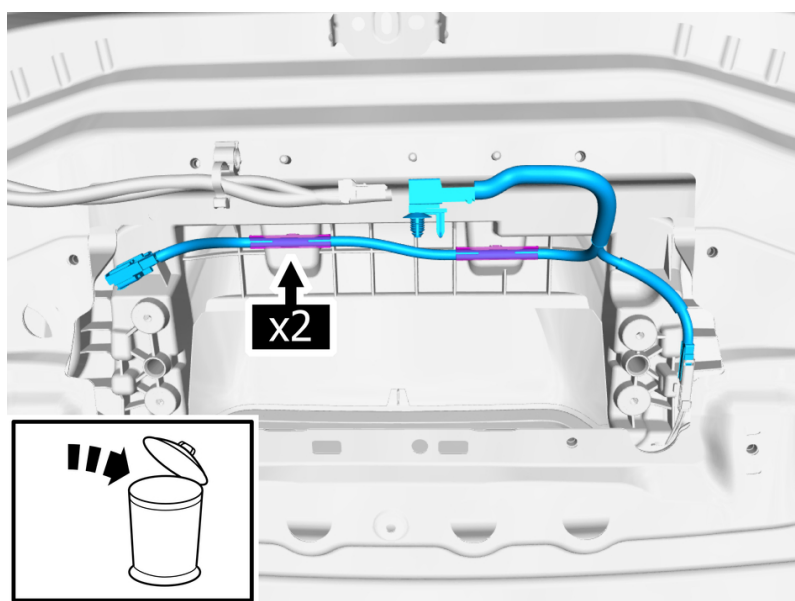
Disconnect the connectors.
Loosen the clip.
Remove the cable tie(s).

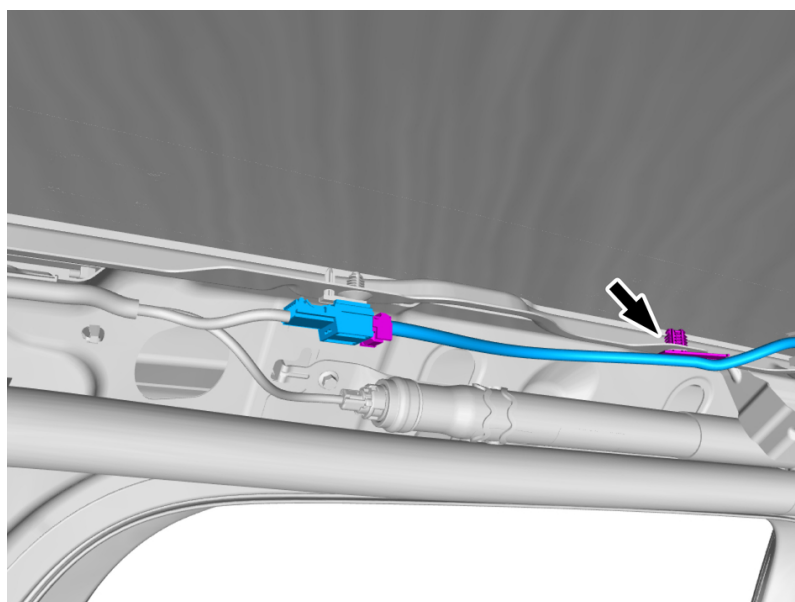


Remove the cable tie(s).

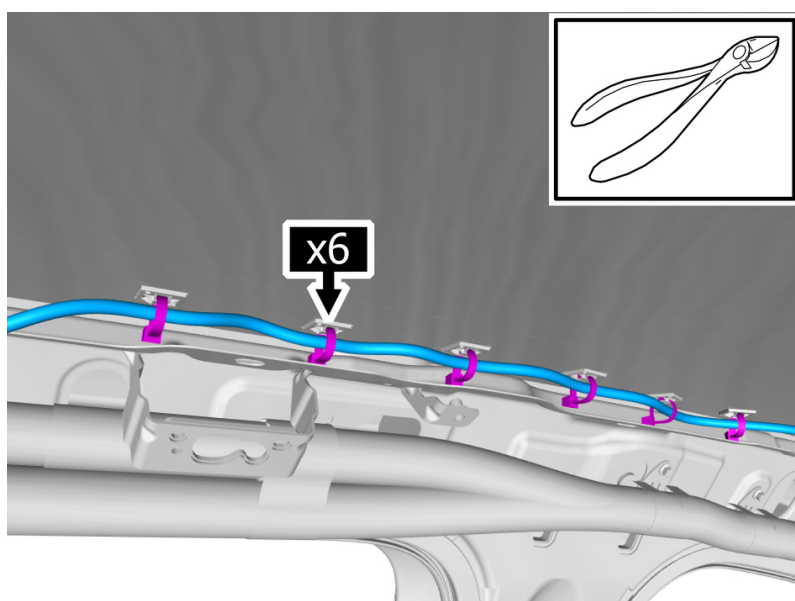


Remove the cable tie(s).
Remove the clips.
Remove the marked part.
The parts are not to be reused.

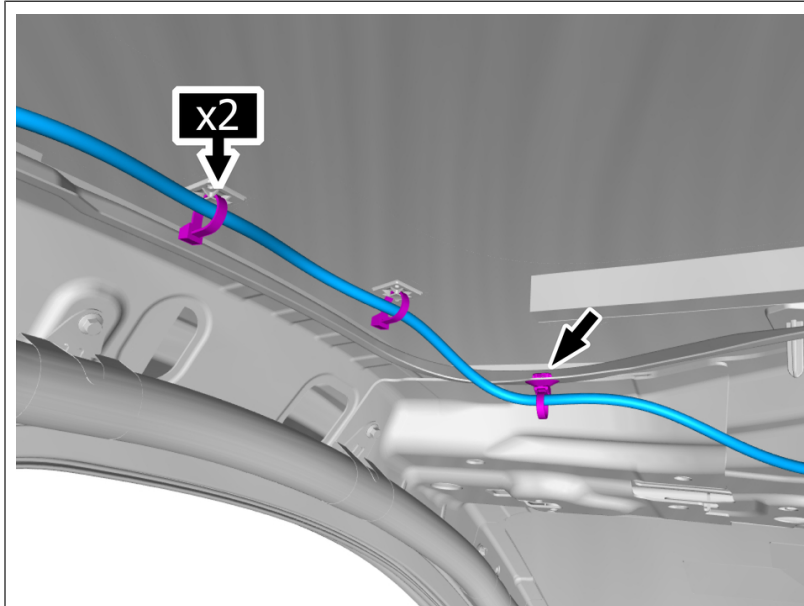




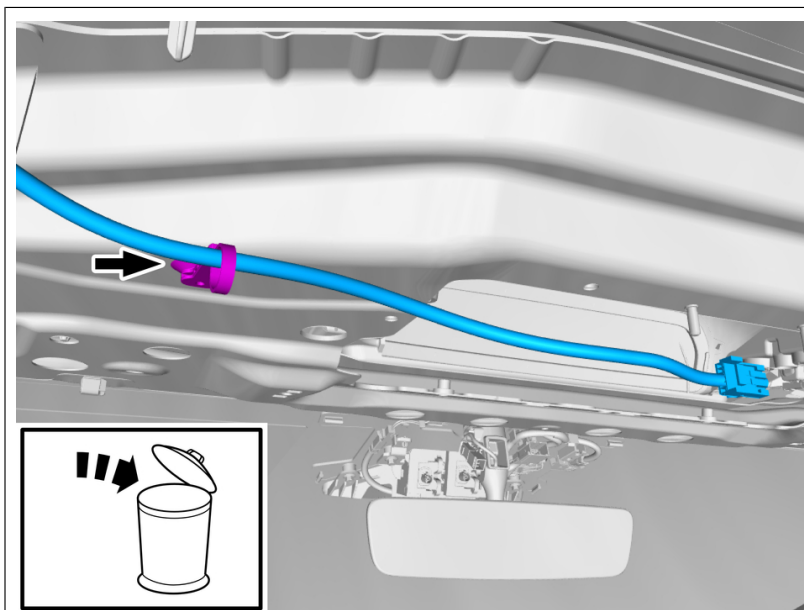
Disconnect the connector.
Loosen the clip.



Remove the cable tie(s).

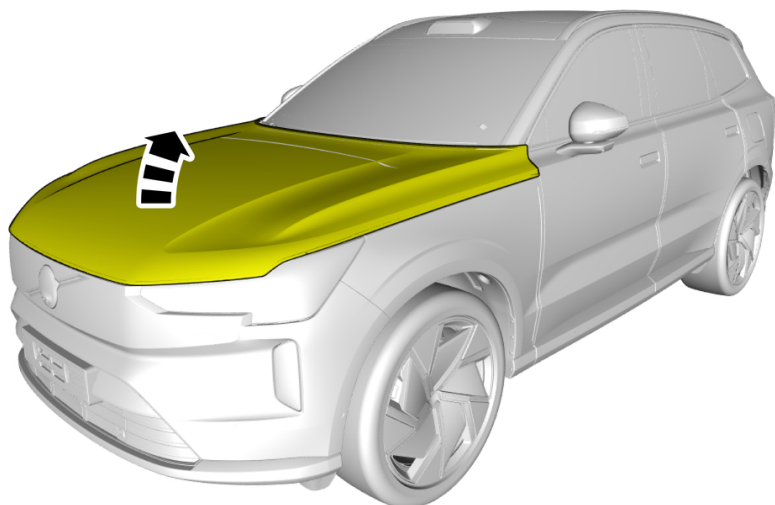


Remove the cable tie(s).
Loosen the clip.



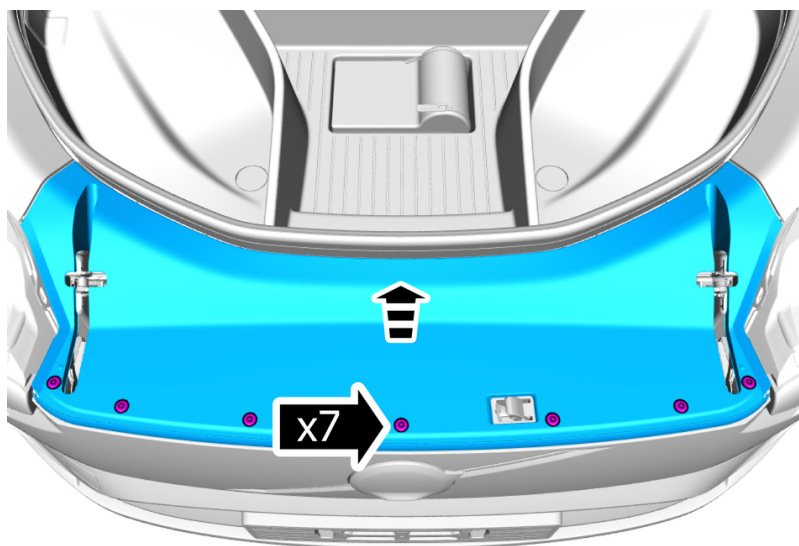
Loosen the clip.
Remove the marked part.
The part is not to be reused.

Open the hood.

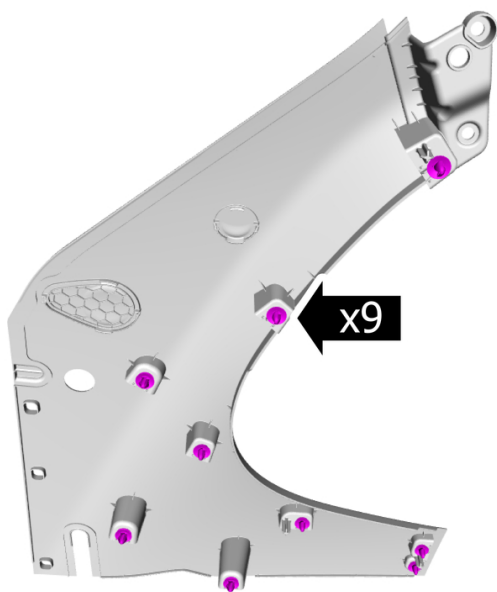


Note! The graphic shows the back of the component before removal.



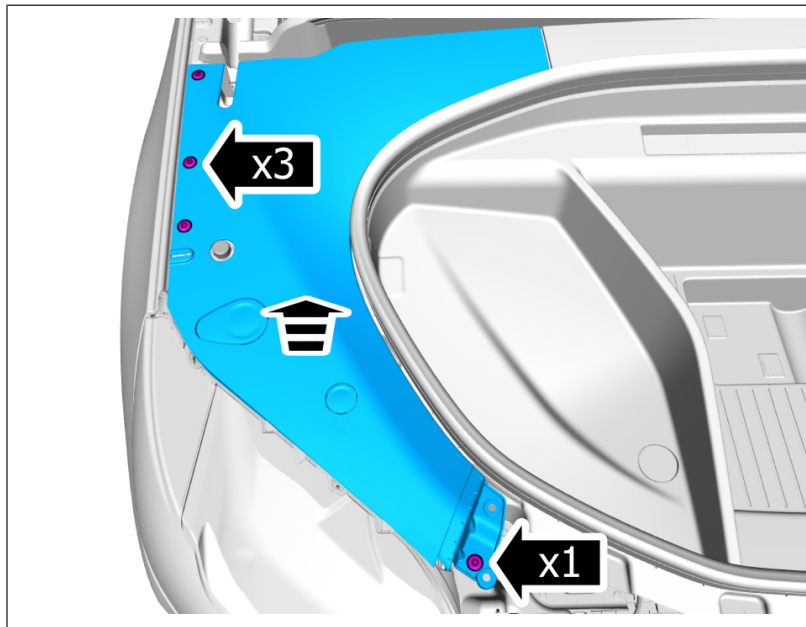


Remove the clips.
Remove the marked part.

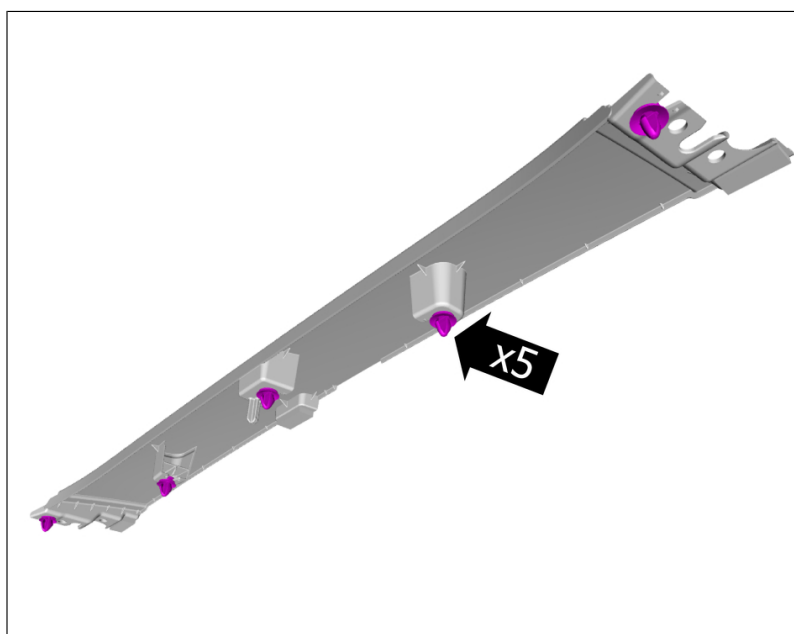


Note! The graphic shows the back of the component before removal.

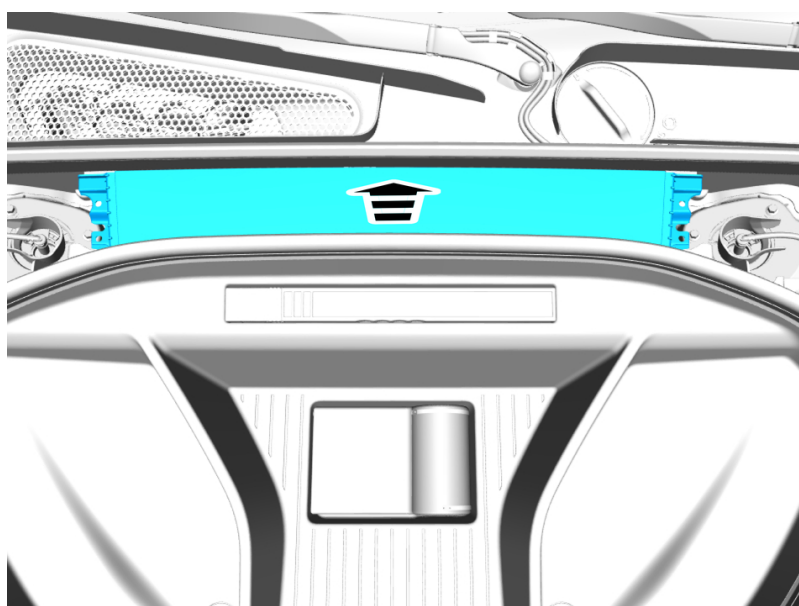
On both sides.



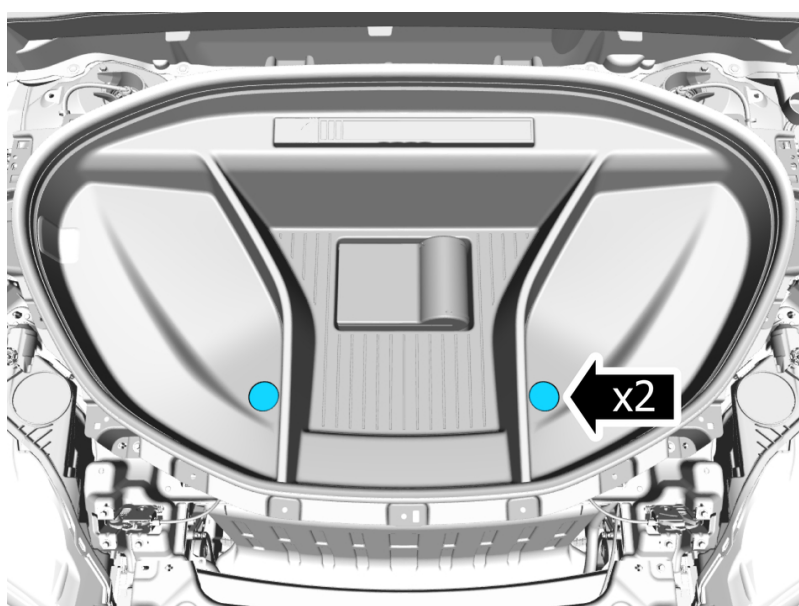
Remove the clips.
Remove the marked part.
On both sides.



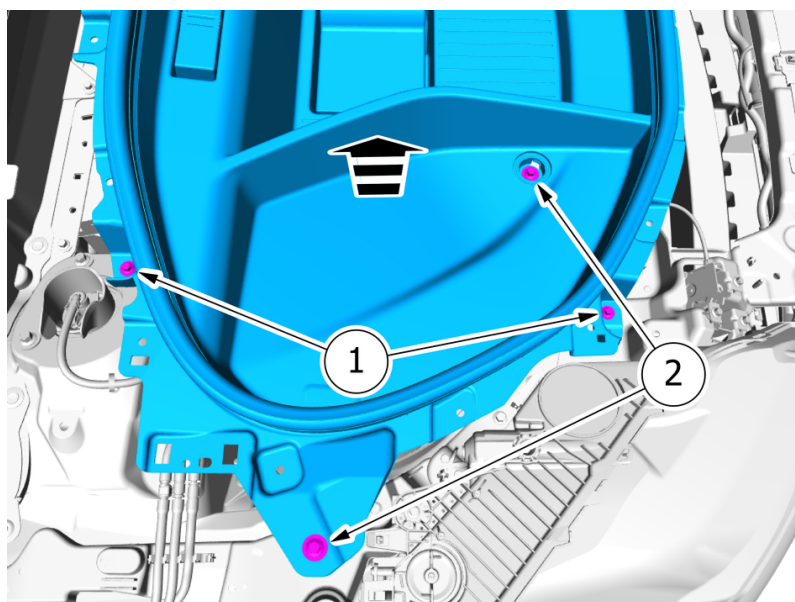
Note! The graphic shows the back of the component before removal.



Remove the marked part.

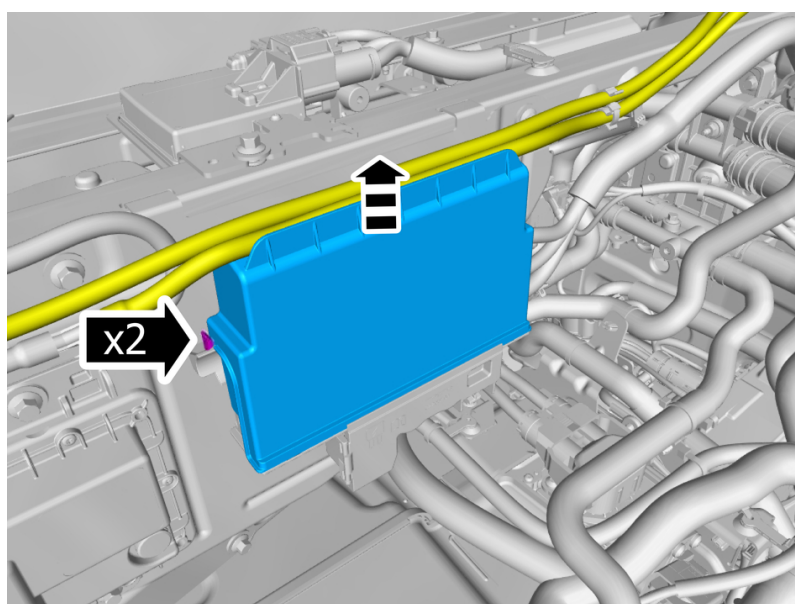


Remove the marked parts.

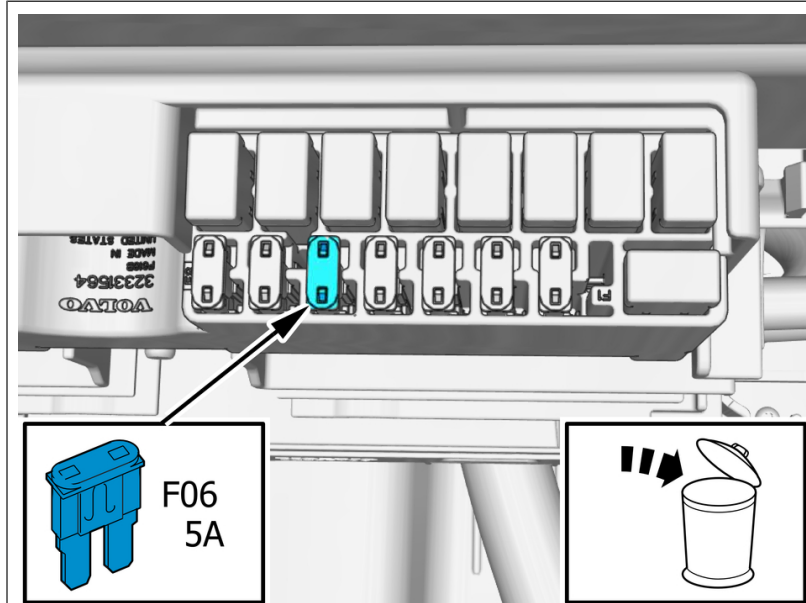


Remove the screws.
On both sides.
Remove the marked part.

- 1 . **Torque:**
M6 , 10 Nm
- 2 . **Torque:**
Luggage compartment, front, to bracket ,
10 Nm



Release the catches.
Remove the marked part.



Remove the marked part.
The part is not to be reused.

Installation

Reinstall the removed parts in reverse order.



Order and download software: FLL remove