

Your Ultimate Source for OEM Repair Manuals

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1997 VOLVO 960 OEM Service and Repair Workshop Manual

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OVERHEAD CONSOLE > OVERHEAD CONSOLE (OHC) (4/198) [2018-2022] > CONNECTION AND COMMUNICATION

All vehicles except S90 / S90L / V90 / V90CC / XC60 MY22-, pure electric vehicles and Polestar 2

The Overhead Console (OHC) is a LIN slave and communicates with the Central Electronic Module (CEM) and the Supplementary Restraint System Module (SRS). The Overhead Console (OHC) is also directly connected to the Telematics Module (TEM) or the Vehicle Connectivity Module (VCM).

S90 / S90L / V90 / V90CC / XC60 MY22-, pure electric vehicles and Polestar 2

The Overhead Console (OHC) is an LIN slave that communicates with the Central Electronic Module (CEM). The Overhead Console (OHC) is also directly connected to the Vehicle Connectivity Module (VCM) or the Telematics and Connectivity Antenna Module (TCAM).

PIXEL LIGHT MODULE LEFT > PIXEL LIGHT MODULE LEFT (PXML) (4/345) [2021-2022, E400V6] > DESCRIPTION

The Pixel Light Module Left (PXML) is part of the Headlamp Control Module Left (HCML). The PXML is used by the high beam, low beam, adaptive high beam and consists of three rows of pixels that can be controlled individually.

PIXEL LIGHT MODULE LEFT > PIXEL LIGHT MODULE LEFT (PXML) (4/345) [2021-2022, E400V6] > DIAGNOSTIC INFORMATION

The Pixel Light Module Left (PXML) has a simplified built-in diagnostic system, which monitors a limited amount of errors. The Headlamp Control Module Left (HCML) sets DTCs and has readable parameters for the PXML.

PIXEL LIGHT MODULE LEFT > PIXEL LIGHT MODULE LEFT (PXML) (4/345) [2021-2022, E400V6] > CONNECTION AND COMMUNICATION

The Pixel Light Module Left (PXML) is a CAN slave and communicates with the Headlamp Control Module Left (HCML).

PIXEL LIGHT MODULE RIGHT > PIXEL LIGHT MODULE RIGHT (PXMR) (4/346) [2021-2022, E400V6] > DESCRIPTION

The Pixel Light Module Right (PXMR) is part of the Headlamp Control Module Right (HCMR). The PXMR is used by the high beam, low beam, adaptive high beam and consists of three rows of pixels that can be controlled individually.

PIXEL LIGHT MODULE RIGHT > PIXEL LIGHT MODULE RIGHT (PXMR) (4/346) [2021-2022, E400V6] > DIAGNOSTIC INFORMATION

The Pixel Light Module Right (PXMR) has a simplified built-in diagnostic system, which monitors a limited amount of errors. The Headlamp Control Module Right (HCMR) sets DTCs and has readable parameters for the PXMR.

**TURN INDICATOR, EXTERNAL MIRROR > TURN INDICATOR, EXTERNAL MIRROR
[2018-2022] > CONNECTION AND COMMUNICATION**

The turn indicator, external mirror, is directly connected to their respective door modules.

**VENT REGISTER THUMBWHEEL LED > VENT REGISTER THUMBWHEEL LED (10/320
- 10/323) [2018-2022] > DESCRIPTION**

The vent register thumbwheel LED is used to illuminate the air thumbwheel adjustor.

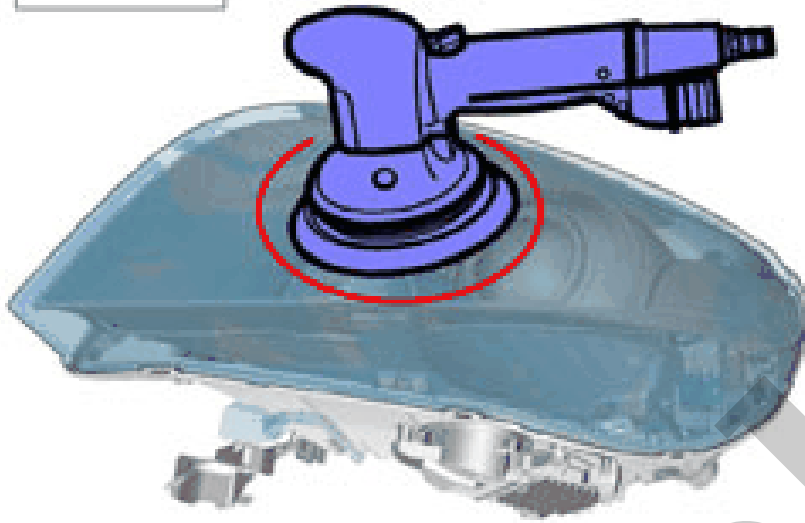
**VENT REGISTER THUMBWHEEL LED > VENT REGISTER THUMBWHEEL LED (10/320
- 10/323) [2018-2022] > DIAGNOSTIC INFORMATION**

The Central Electronic Module (CEM) monitors the vent register thumbwheel LED and sets DTCs.

**VENT REGISTER THUMBWHEEL LED > VENT REGISTER THUMBWHEEL LED (10/320
- 10/323) [2018-2022] > CONNECTION AND COMMUNICATION**

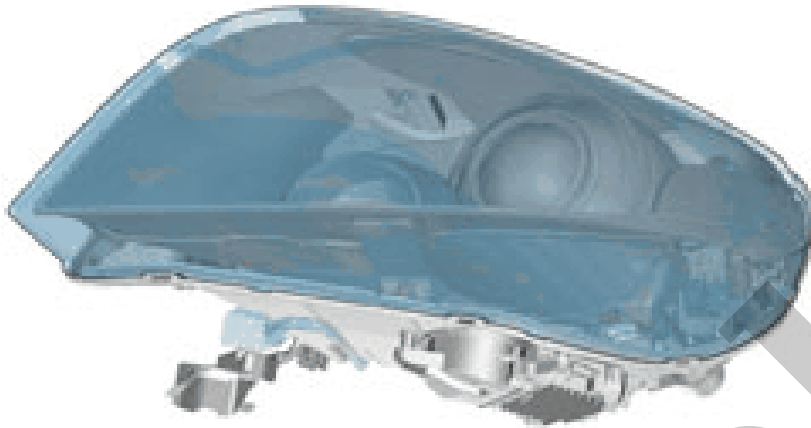
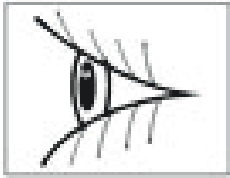
The vent register thumbwheel LED is directly connected to the Central Electronic Module (CEM).

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Courtesy of VOLVO CARS CORPORATION

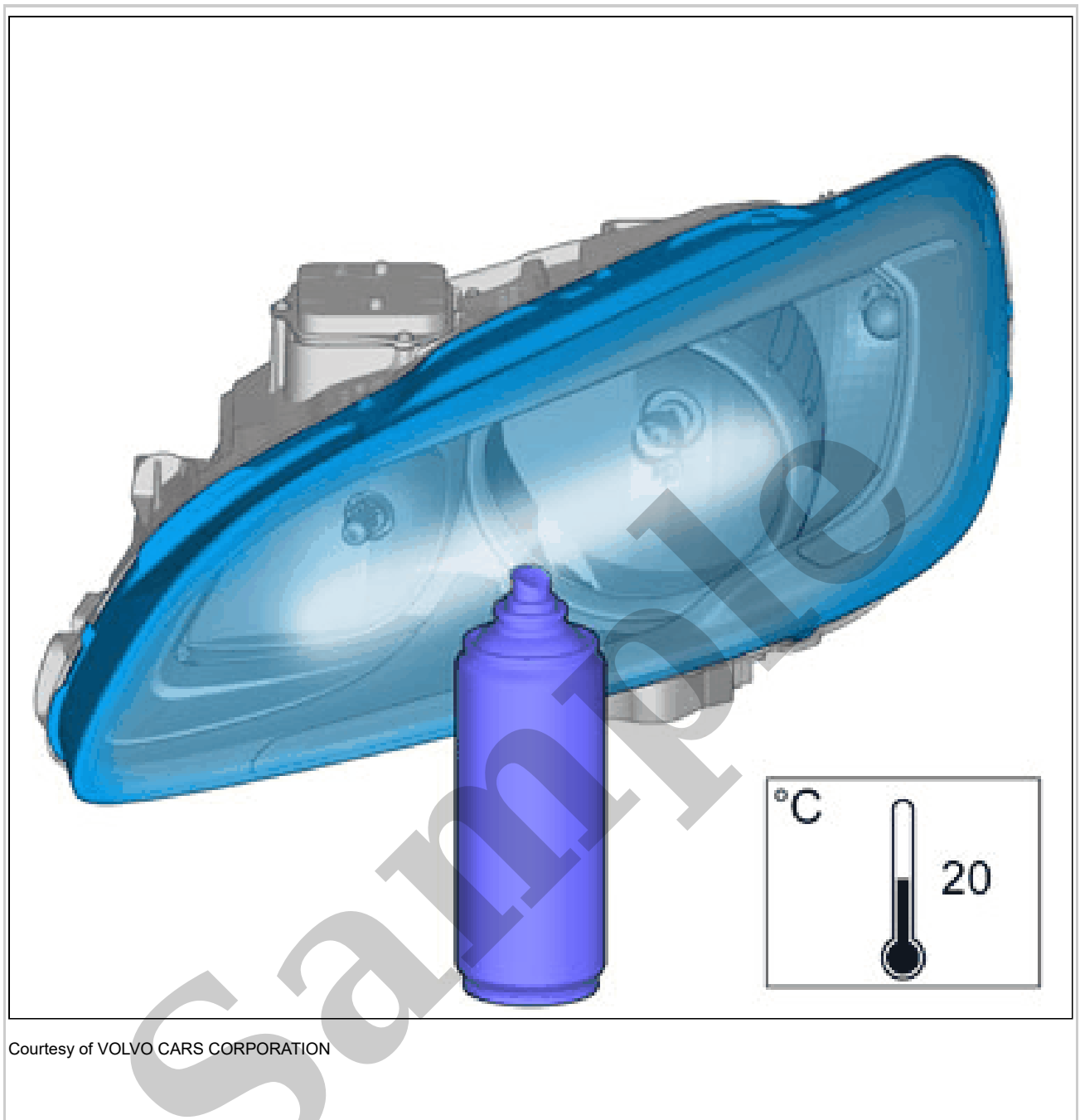
Sample



Courtesy of VOLVO CARS CORPORATION

WET SANDING

Sample



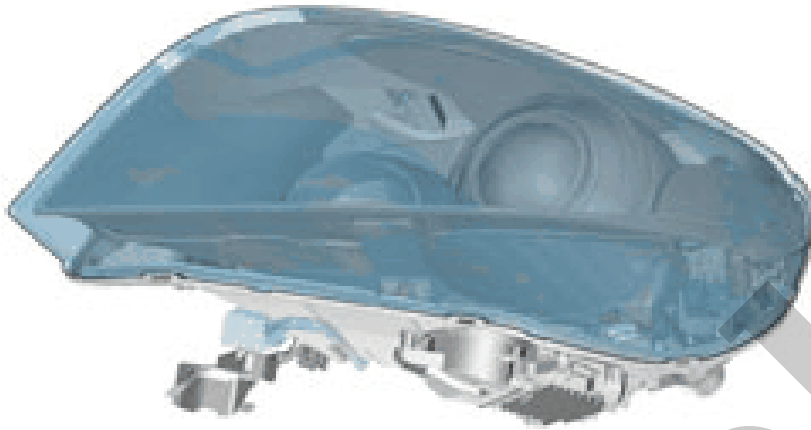
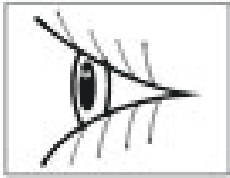
Courtesy of VOLVO CARS CORPORATION

Apply a thin layer of primer.

Use: Repair kit headlamp glass, China 31386953

Use: Repair kit headlamp glass, EU 31386875

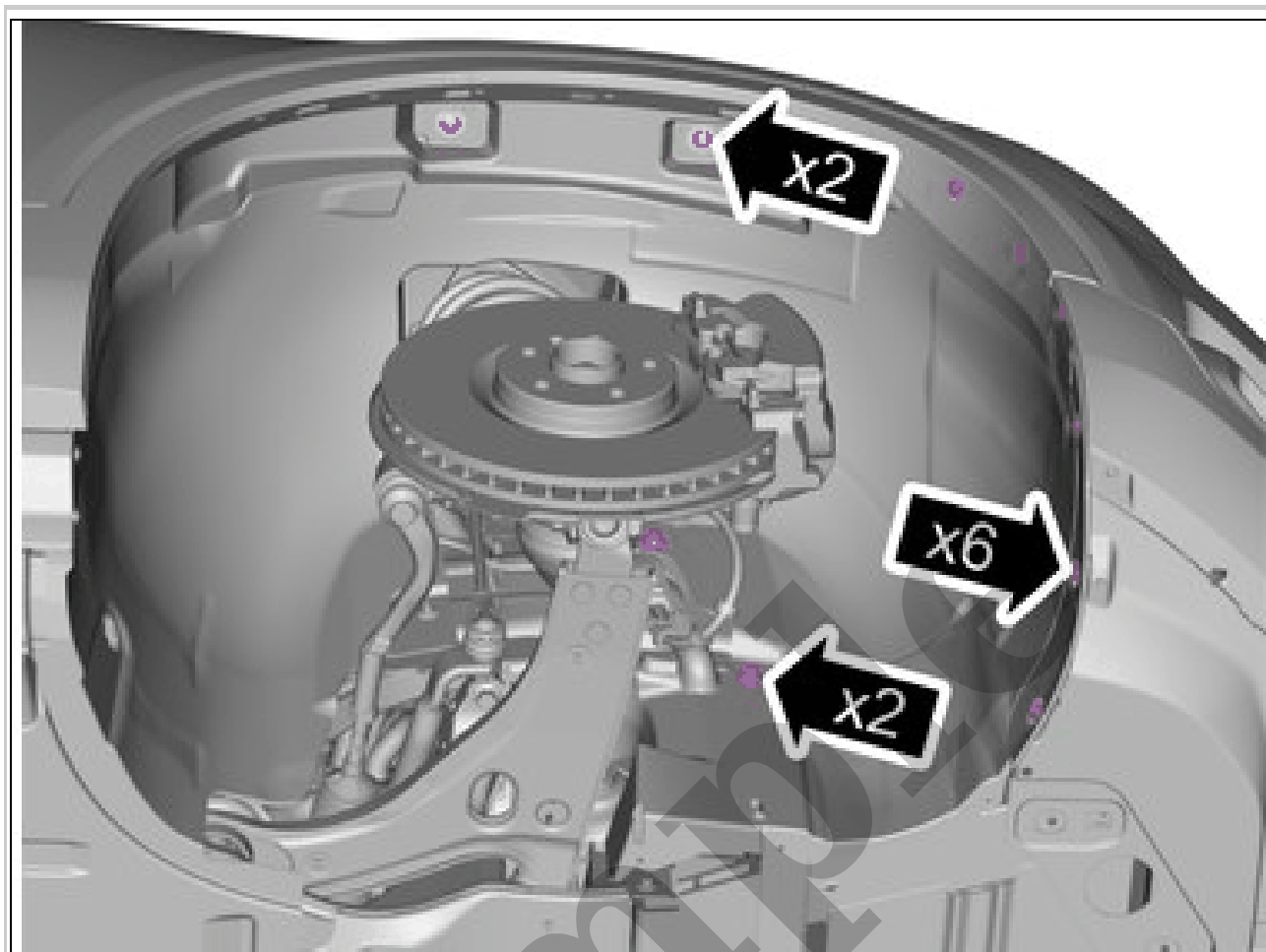
Use: Repair kit headlamp glass, US 32219322



Courtesy of VOLVO CARS CORPORATION

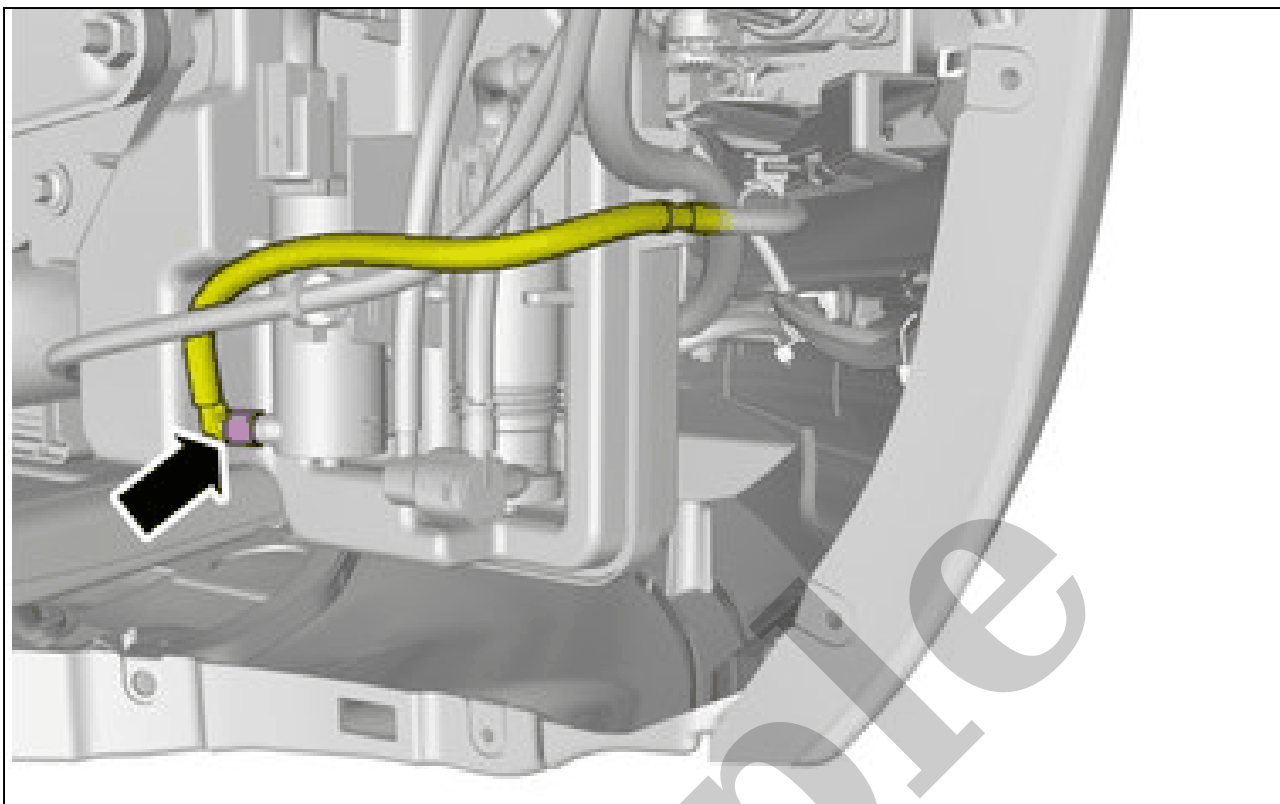
Install the headlamps. Refer to: HEADLAMPS

Sample



Courtesy of VOLVO CARS CORPORATION

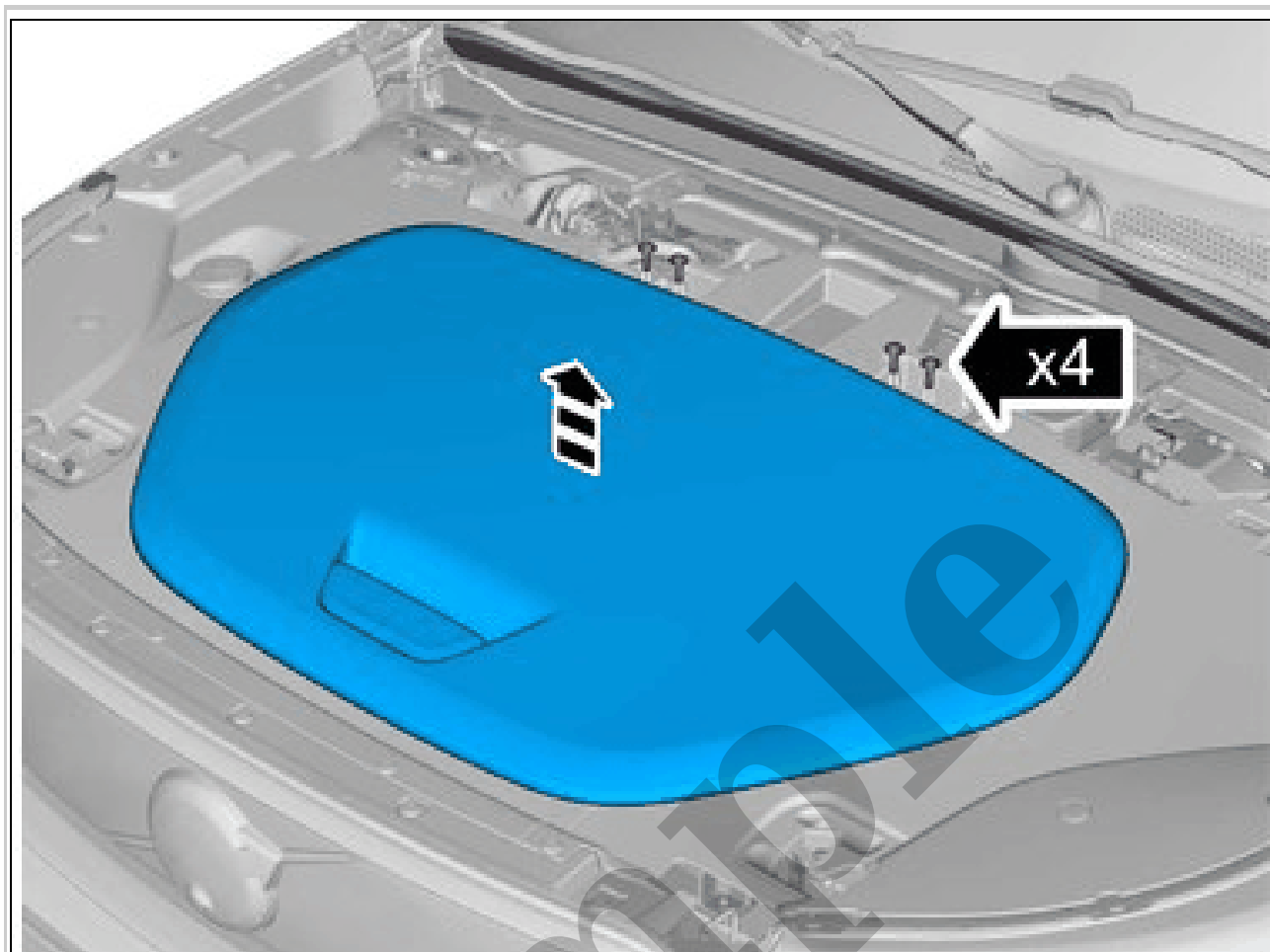
Remove the screws.
Remove the nuts.



Courtesy of VOLVO CARS CORPORATION

WARNING: *Be prepared to collect escaping fluid.*

Undo the hose from the connection.



Courtesy of VOLVO CARS CORPORATION

Remove the screws.

Remove the marked part.

APPLIES TO THE LEFT-HAND SIDE: