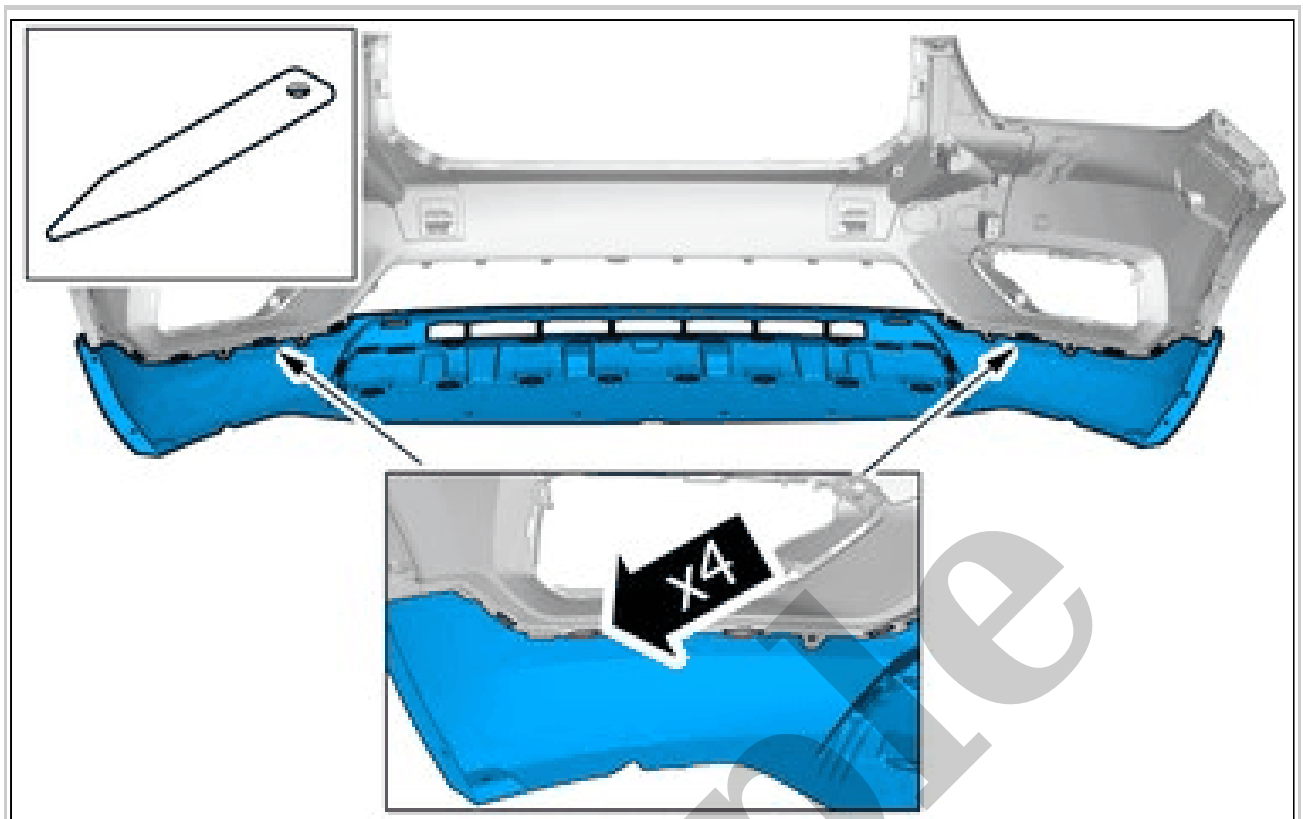


# Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

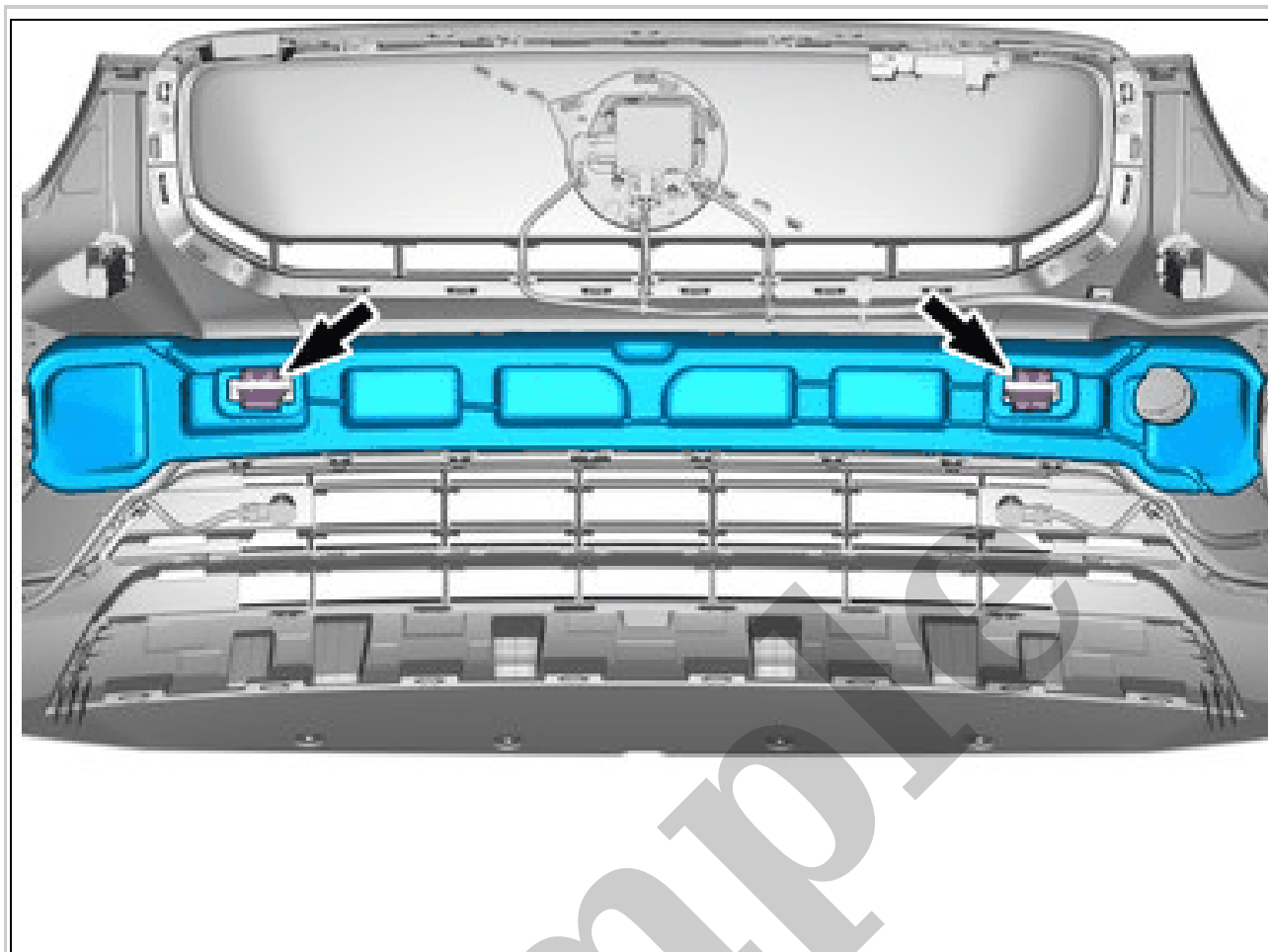
## 2001 VOLVO V40 OEM Service and Repair Workshop Manual

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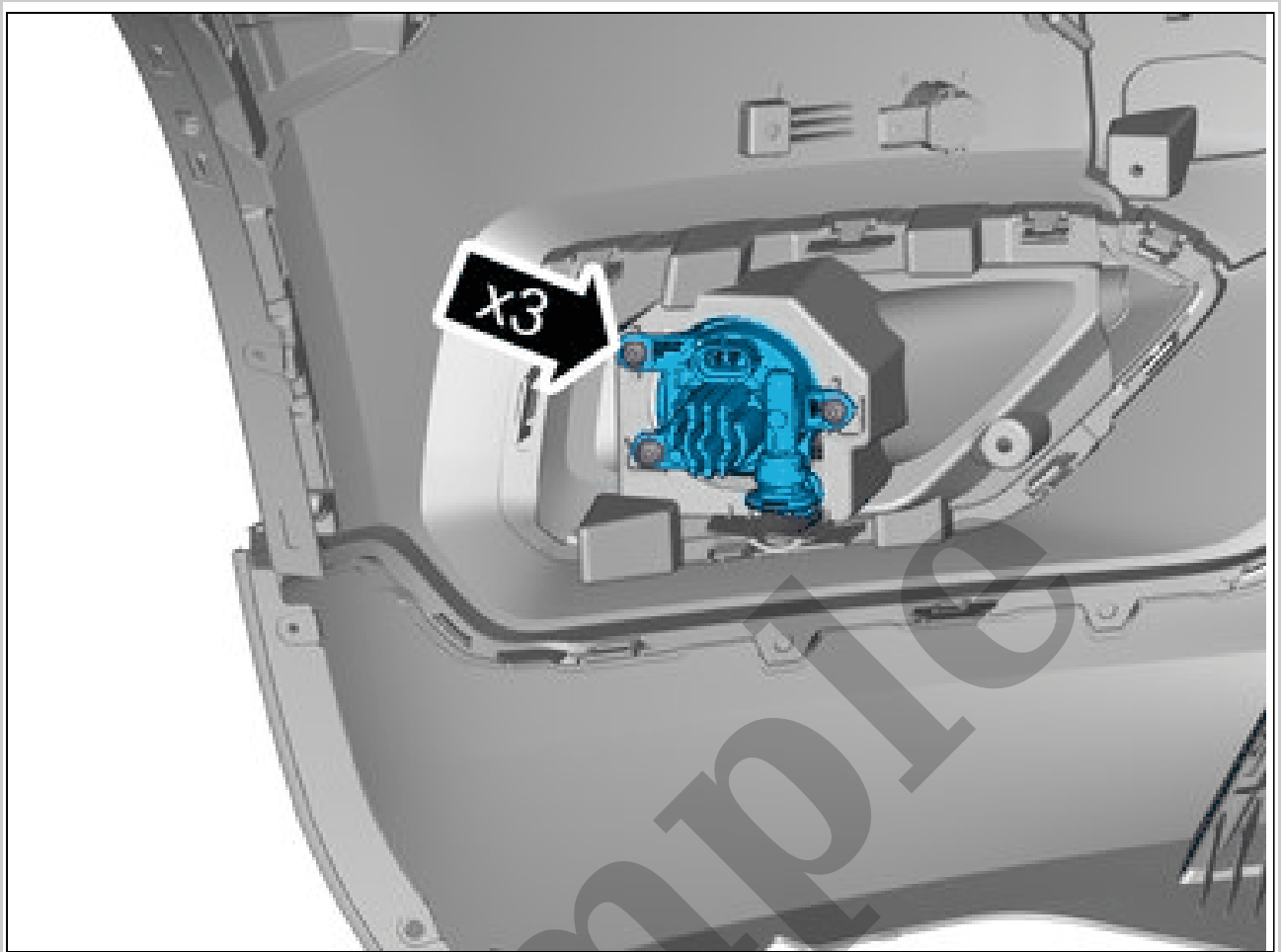
Remove the marked part.



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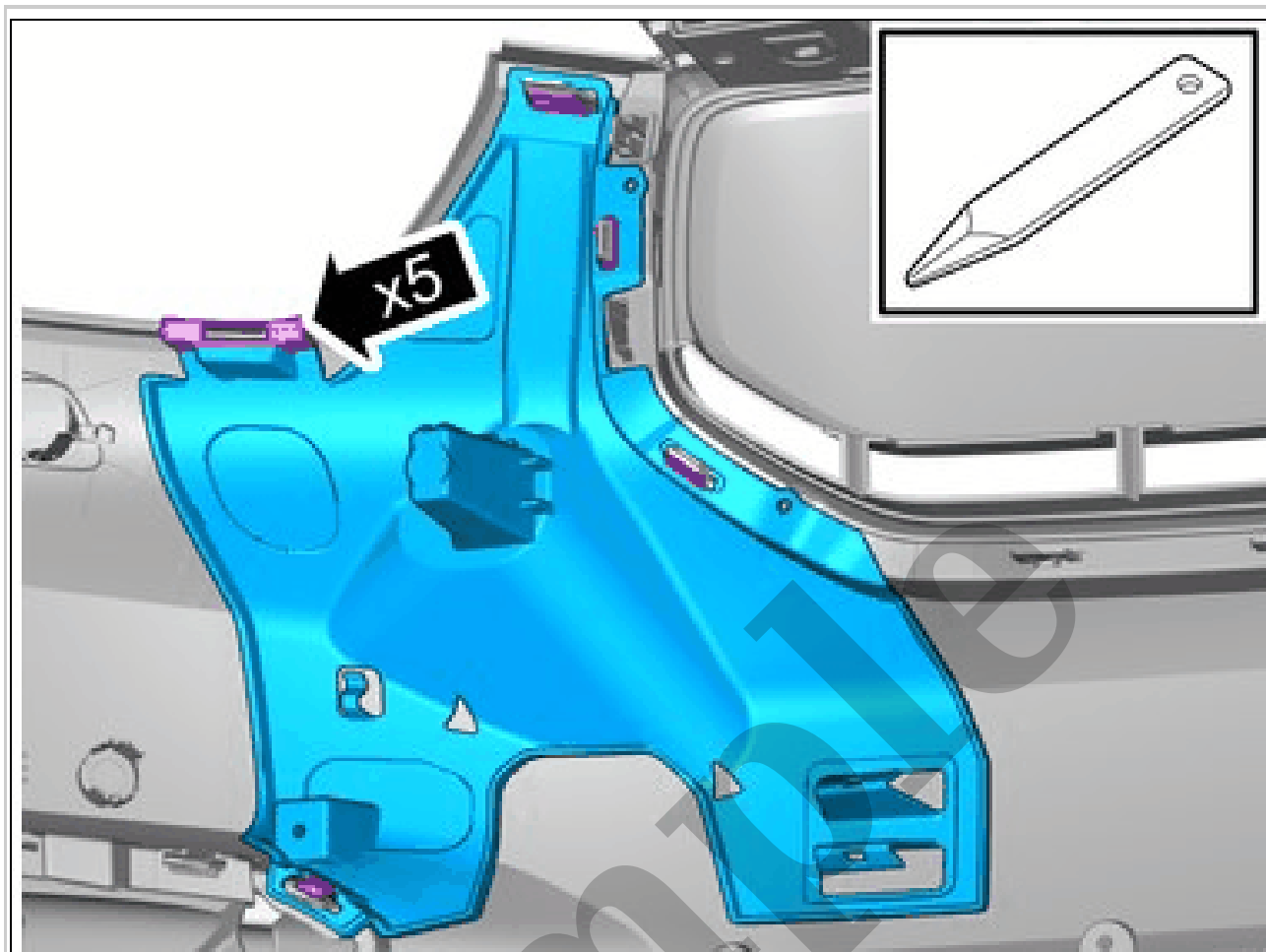
Release the catches.  
Remove the marked part.

**NOTE:** *The number of connectors may vary depending on the vehicle's equipment level.*



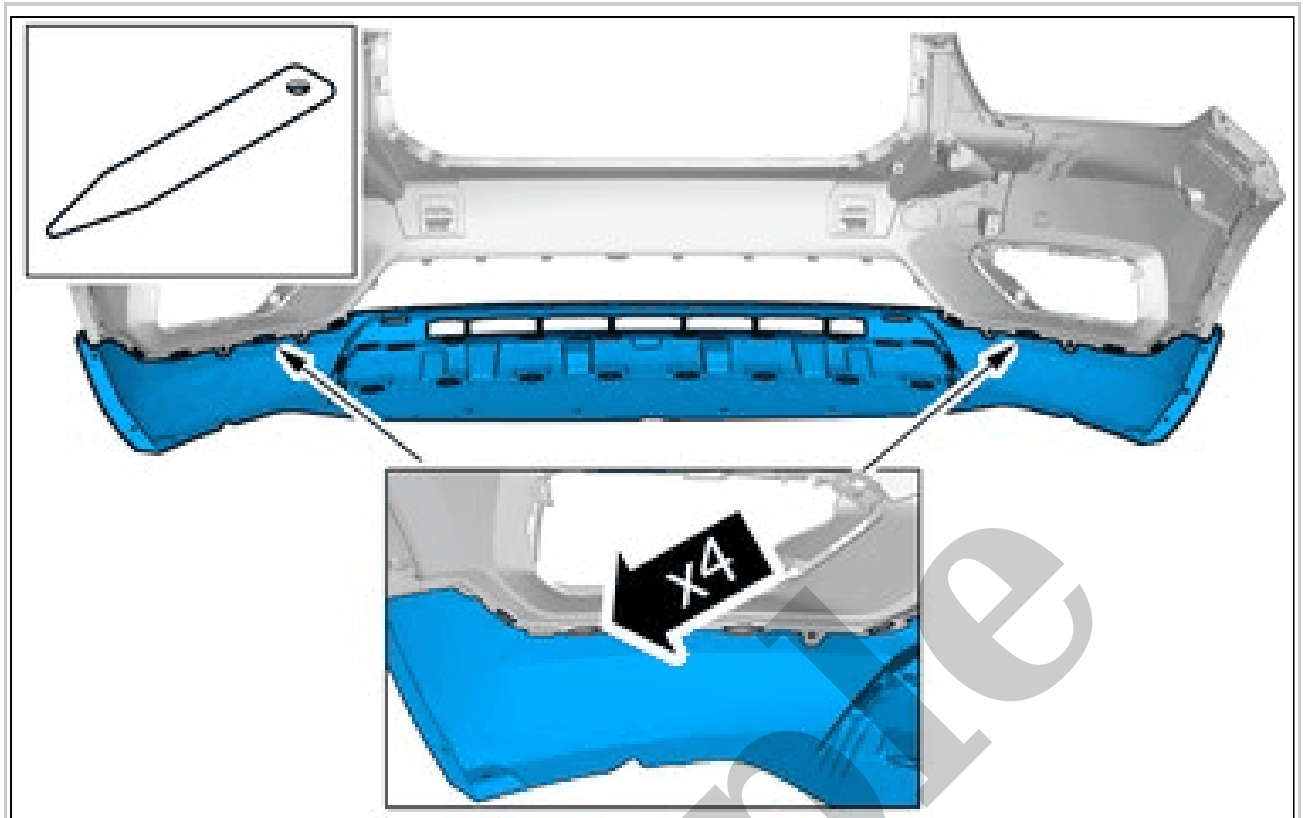
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Remove the screws.  
Remove the marked part.  
Repeat on the other side.



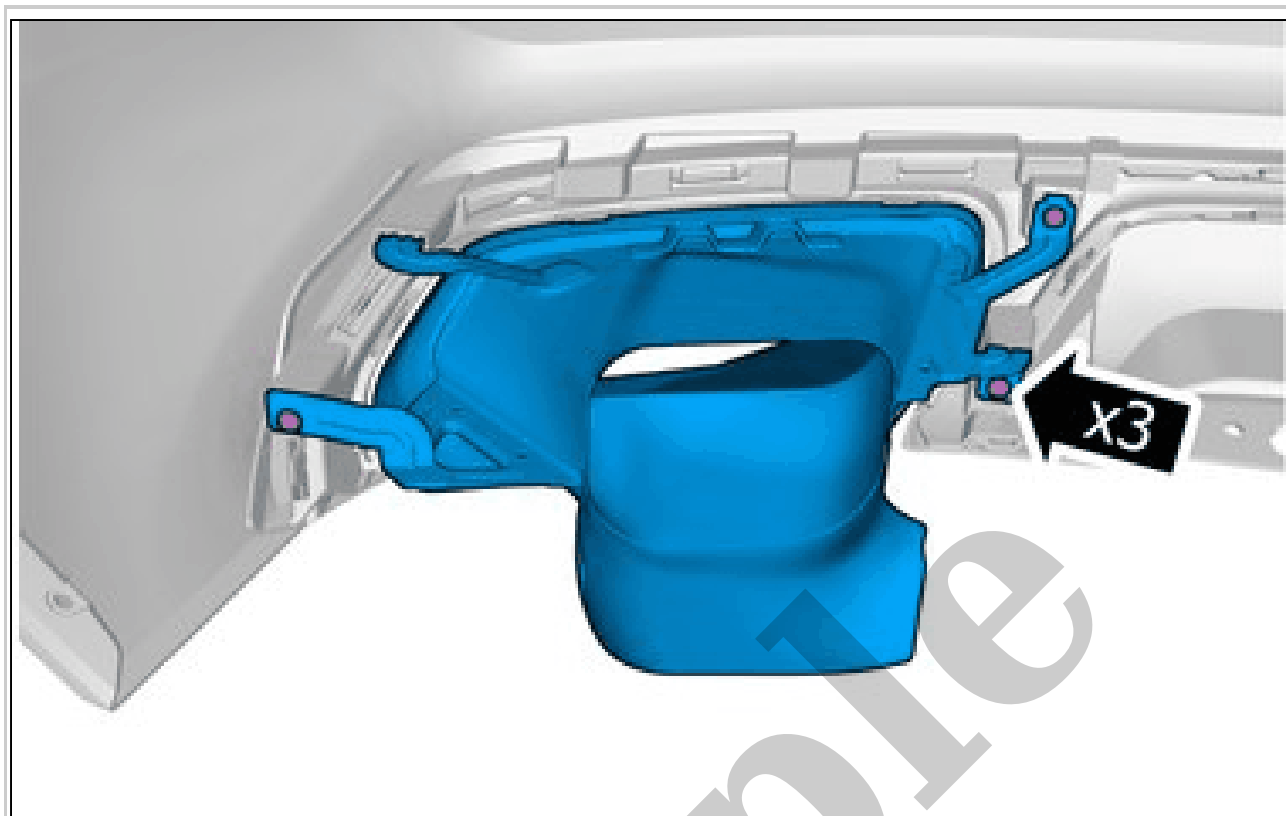
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Release the catches.  
Remove the marked part.  
Repeat on the other side.



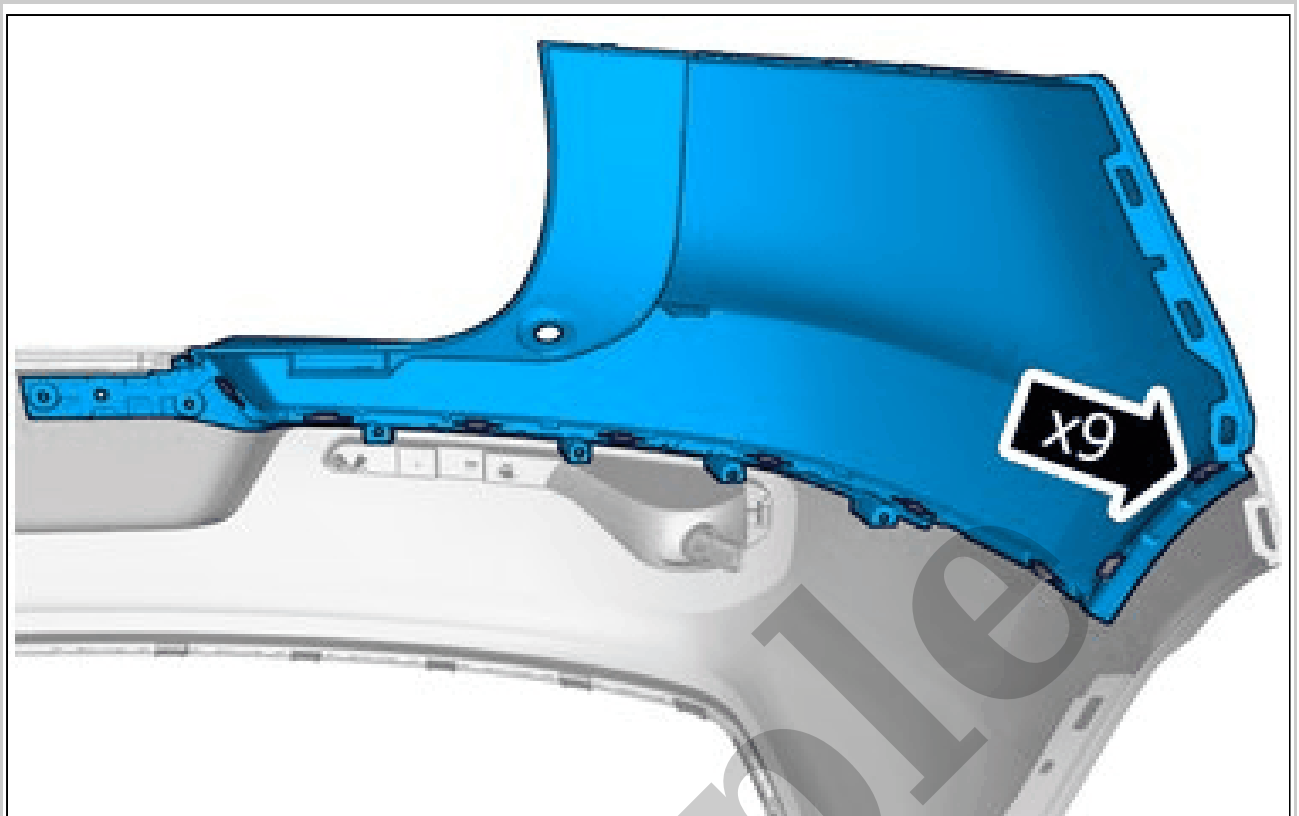
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Release the catches.  
Remove the marked part.



Courtesy of VOLVO CARS CORPORATION

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



Courtesy of VOLVO CARS CORPORATION

Release the catches.  
Remove the marked part.  
On both sides.

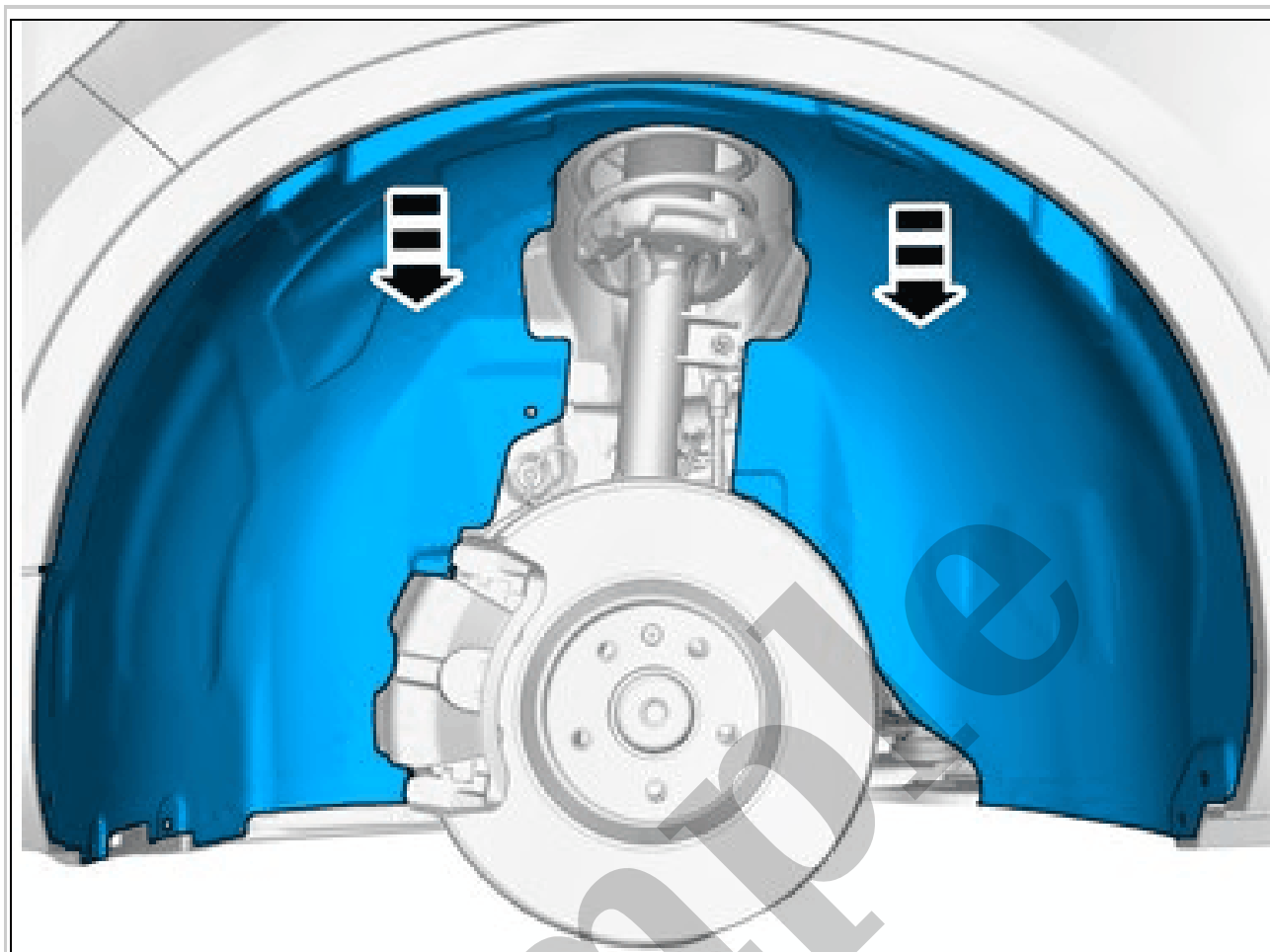
### **REAR BUMPER COVER, TRANSFERRING COMPONENTS > REAR BUMPER COVER, TRANSFERRING COMPONENTS [2018-2022] > INSTALLATION**

To install, reverse the removal procedure.

### **FRONT WHEEL ARCH LINER > FRONT WHEEL ARCH LINER [2018-2022] > REMOVAL**

Remove the wheel. Refer to: WHEELS





Courtesy of VOLVO CARS CORPORATION

Remove the marked part.

## **FRONT WHEEL ARCH LINER > FRONT WHEEL ARCH LINER [2018-2022] > INSTALLATION**

To install, reverse the removal procedure.

## **REAR WHEEL ARCH LINER > REAR WHEEL ARCH LINER [2018-2022] > REMOVAL**

Remove the wheel. Refer to: WHEELS

## **AMBIENT TEMPERATURE SENSOR, EXTERNAL MIRROR > AMBIENT TEMPERATURE SENSOR, EXTERNAL MIRROR [2018-2022] > DESCRIPTION**

The ambient temperature sensor, external mirror, measures the outside air temperature and is always located inside the right external mirror (Polestar 1: left external mirror).

## **AMBIENT TEMPERATURE SENSOR, EXTERNAL MIRROR > AMBIENT TEMPERATURE SENSOR, EXTERNAL MIRROR [2018-2022] > VARIANTS**

There is only one variant of the ambient temperature sensor, external mirror, but it can be connected differently:

- In left hand driven vehicles, the ambient temperature sensor, external mirror, is connected to the Passenger Door Module (PDM)
- In right hand driven vehicles, the ambient temperature sensor, external mirror, is connected to the Driver Door Module (DDM).
- In Polestar 1, the ambient temperature sensor, external mirror, is connected to the Driver Door Module (DDM) and located inside the left external mirror.

## **AMBIENT TEMPERATURE SENSOR, EXTERNAL MIRROR > AMBIENT TEMPERATURE SENSOR, EXTERNAL MIRROR [2018-2022] > DIAGNOSTIC INFORMATION**

The ambient temperature sensor, external mirror, does not have a built-in diagnostic system. Depending on steering, the Passenger Door Module (PDM) or Driver Door Module (DDM) monitors the sensor, sets DTCs and readable parameters.

## **AMBIENT TEMPERATURE SENSOR, EXTERNAL MIRROR > AMBIENT TEMPERATURE SENSOR, EXTERNAL MIRROR [2018-2022] > CONNECTION AND COMMUNICATION**

The ambient temperature sensor, external mirror, is directly connected to the Passenger Door Module (PDM) or the Driver Door Module (DDM).

## **ASDM CAMERA HEATER > ASDM CAMERA HEATER (9/39) [2021-2022, E400V6] > DESCRIPTION**

The ASDM camera heater consists of heating coils that are integrated into the windscreen. To avoid ice and mist from blocking the camera view, the heater heats the windscreen in front of the camera that is integrated in the Forward Looking Camera 2 (FLC2).

## **ASDM CAMERA HEATER > ASDM CAMERA HEATER (9/39) [2021-2022, E400V6] > DIAGNOSTIC INFORMATION**

The ASDM camera heater does not have a built-in diagnostic system. The Forward Looking Camera 2 (FLC2) monitors the heater, sets DTCs and has readable parameters for the heater.