

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.

1986 VOLVO 760 Estate OEM Service and Repair Workshop Manual

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PARKING SPACE DETECTION SENSOR > PARKING SPACE DETECTION SENSOR (7/266 - 7/267) [2018-2022] > DIAGNOSTIC INFORMATION

The parking space detection sensors do not have a built-in diagnostic system. The Central Electronic Module (CEM) monitors the sensors and sets DTCs and readable parameter values.

The parking space detection sensors detect objects within a range of 400 cm straight out from the side of the vehicle.

The parking space detection sensors can also be used as parking assistance sensors placed on the side with a range of 30 cm.

PARKING SPACE DETECTION SENSOR > PARKING SPACE DETECTION SENSOR (7/266 - 7/267) [2018-2022] > CONNECTION AND COMMUNICATION

The parking space detection sensors are directly connected to the Central Electronic Module (CEM).

ULTRASONIC SENSOR > ULTRASONIC SENSOR (7/344-359, 386-389) [2021-2022, E400V6] > DESCRIPTION

The ultrasonic sensors determine the distance from the vehicle to both stationary and moving objects. The sensors can detect objects at a distance of 15 cm - 450 cm. The driver will only be warned if the object is large enough to damage the vehicle.

ULTRASONIC SENSOR > ULTRASONIC SENSOR (7/344-359, 386-389) [2021-2022, E400V6] > DIAGNOSTIC INFORMATION

The ultrasonic sensors do not have a built-in diagnostic system. The Active Safety Domain Master (ASDM) monitors the ultrasonic sensors, sets DTCs and has readable parameters for the ultrasonic sensors.

ULTRASONIC SENSOR > ULTRASONIC SENSOR (7/344-359, 386-389) [2021-2022, E400V6] > CONNECTION AND COMMUNICATION

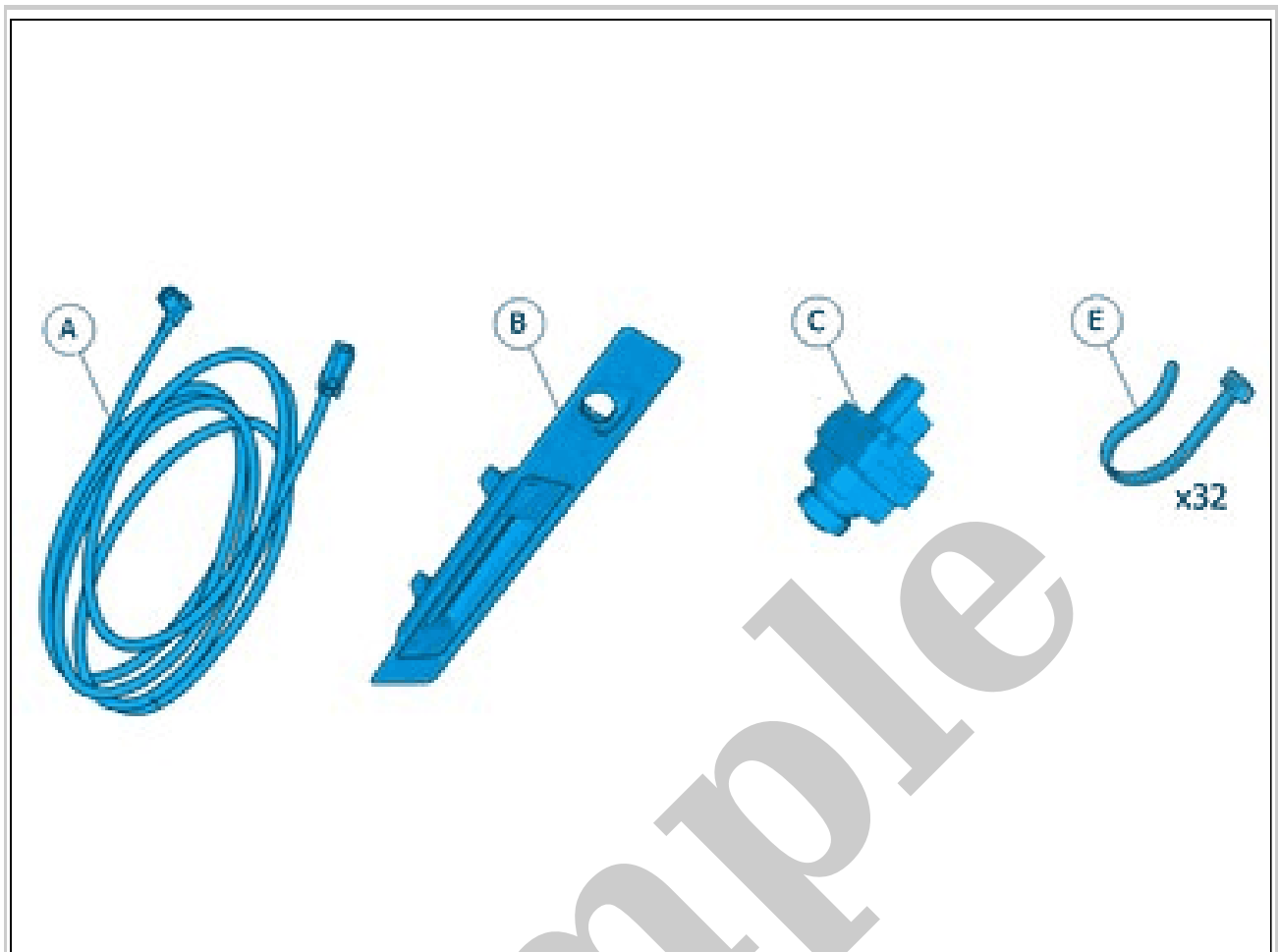
The ultrasonic sensors are directly connected to the Active Safety Domain Master (ASDM).

VERTICAL ACCELEROMETER > VERTICAL ACCELEROMETER (7/87 - 7/89) [2018-2022] > DESCRIPTION

The vertical accelerometer provides an output voltage according to the vehicle acceleration. The output signal from the sensor is 2.5 V when the vehicle is stationary.

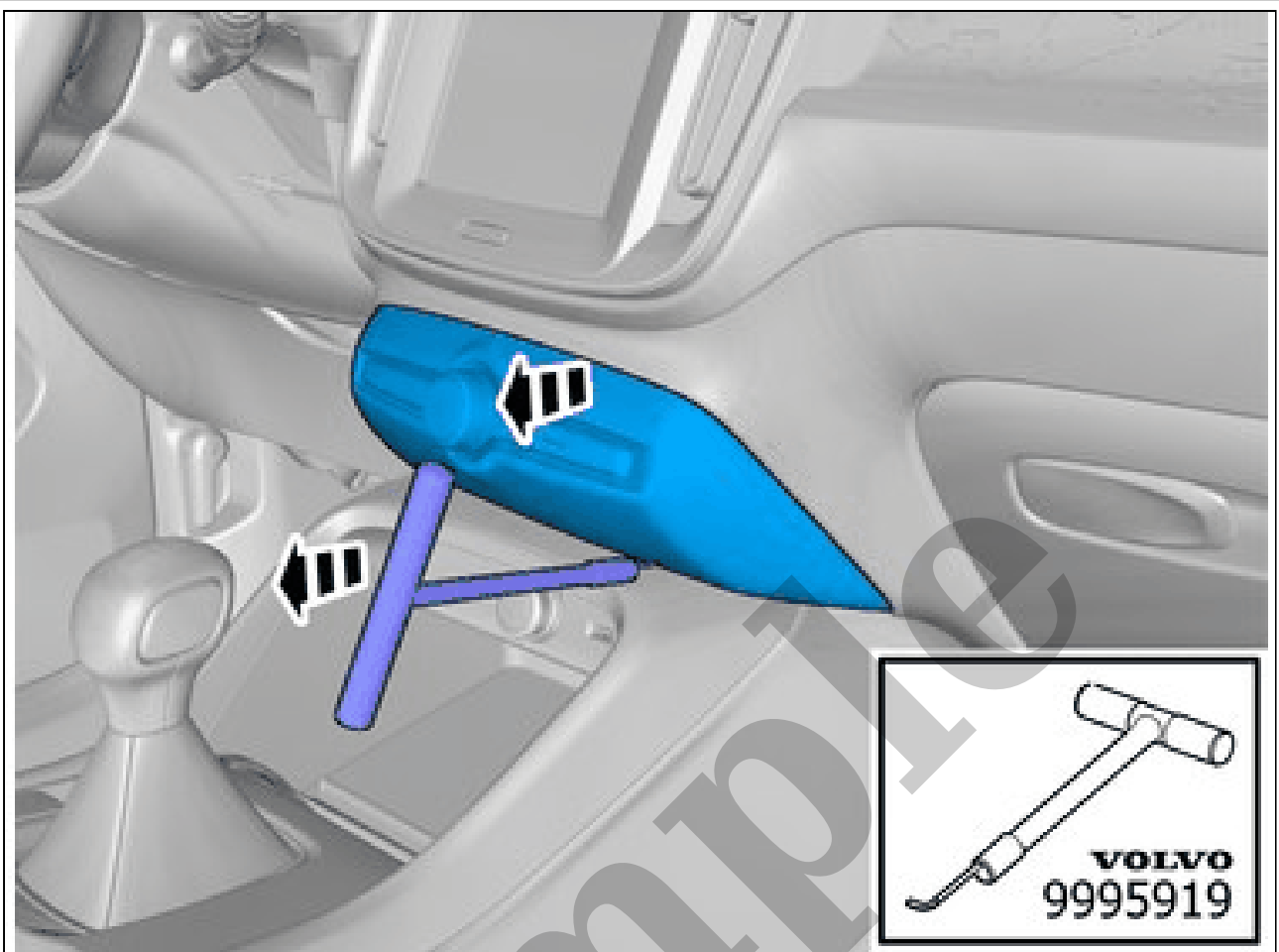
During vertical acceleration movements, the signal oscillates between 0.5 - 4.5 V; the greater the acceleration, the greater the deviation.

VERTICAL ACCELEROMETER > VERTICAL ACCELEROMETER (7/87 - 7/89) [2018-2022] > DIAGNOSTIC INFORMATION



Courtesy of VOLVO CARS CORPORATION

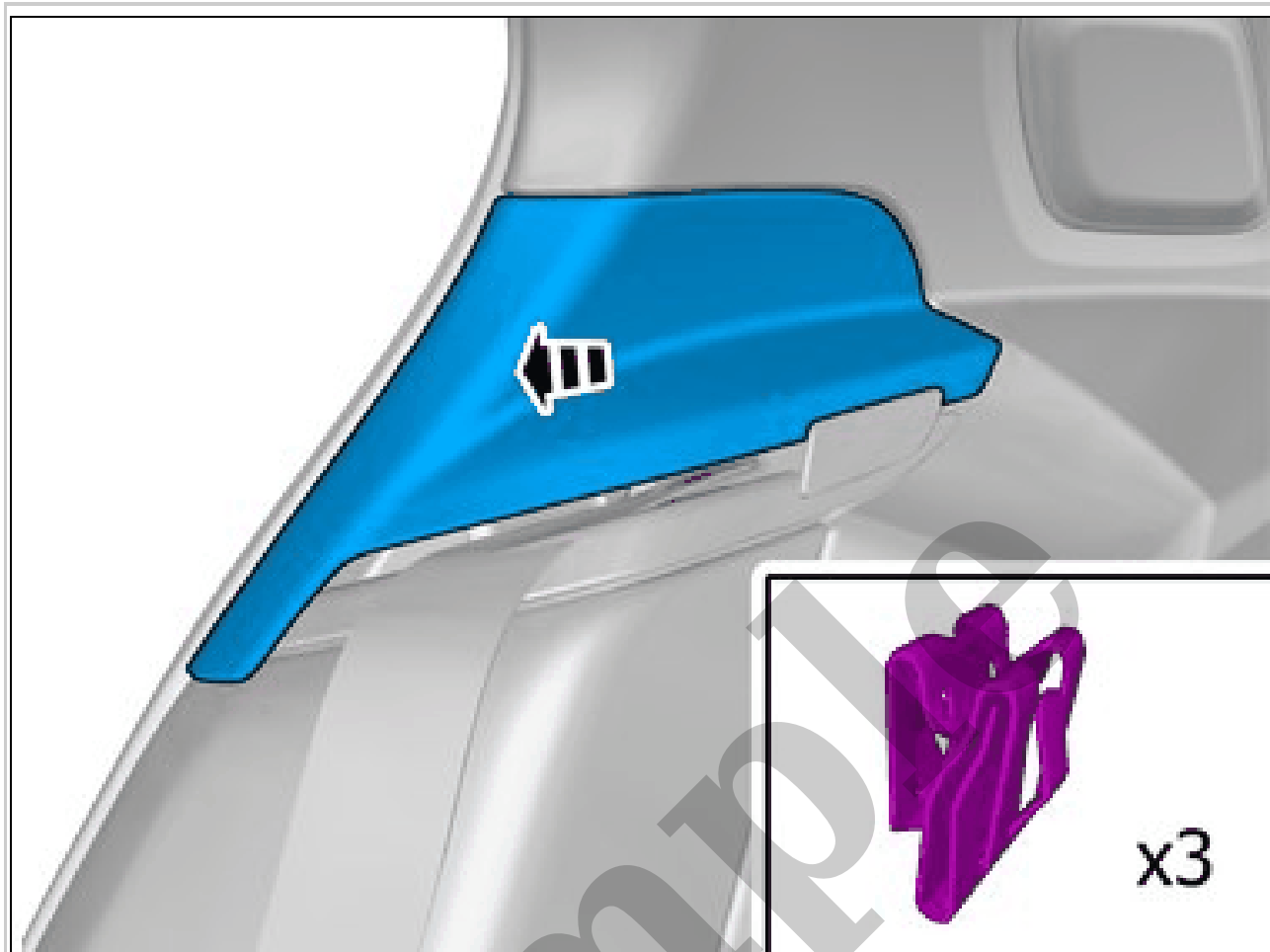
SPECIAL TOOLS



Courtesy of VOLVO CARS CORPORATION

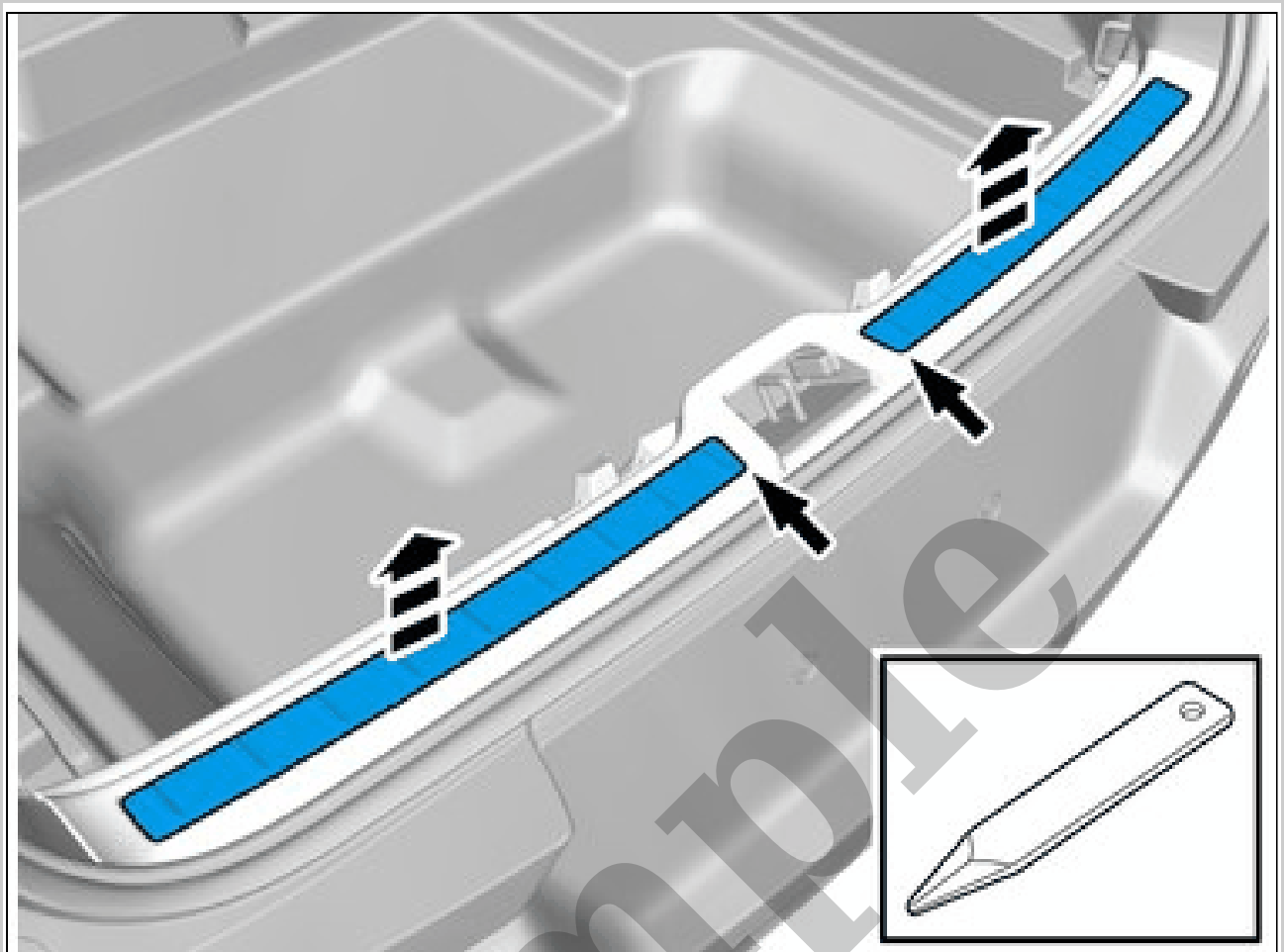
NOTE: Perform the procedure one side at a time.

Special Tool: 999 5919 PULLER
Disconnect the connector.



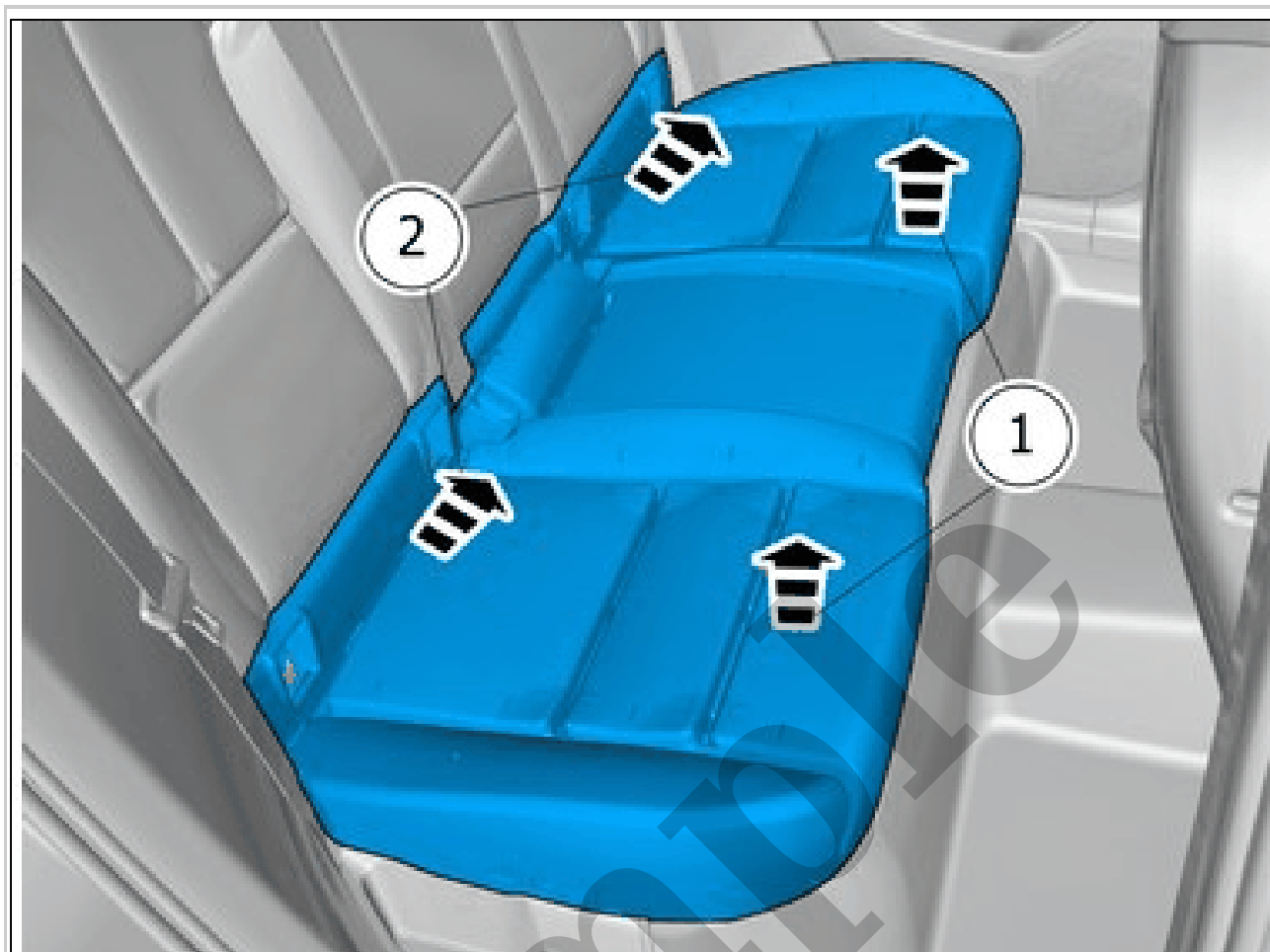
Courtesy of VOLVO CARS CORPORATION

Remove the panel.



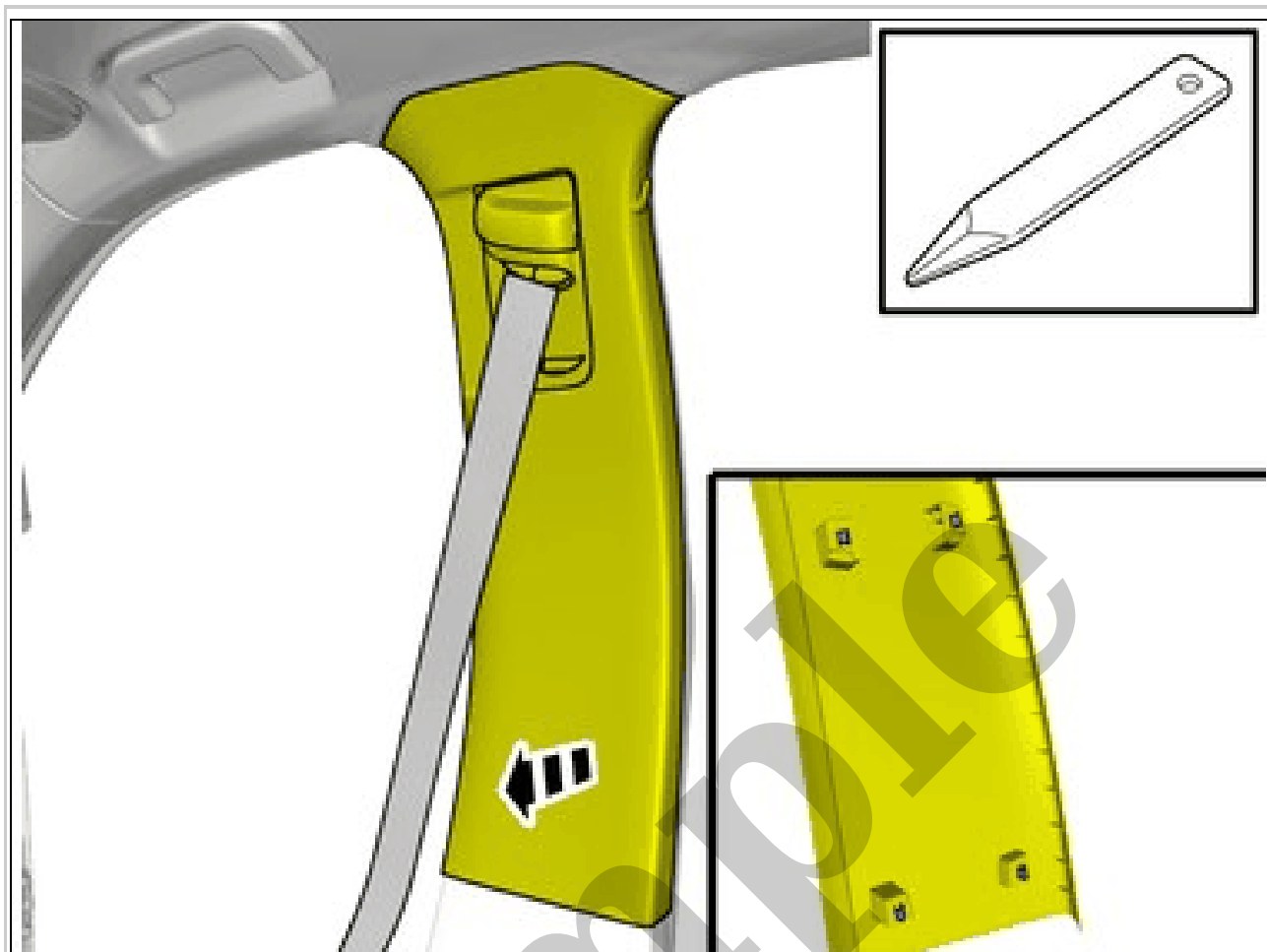
Courtesy of VOLVO CARS CORPORATION

Remove the marked detail/details.



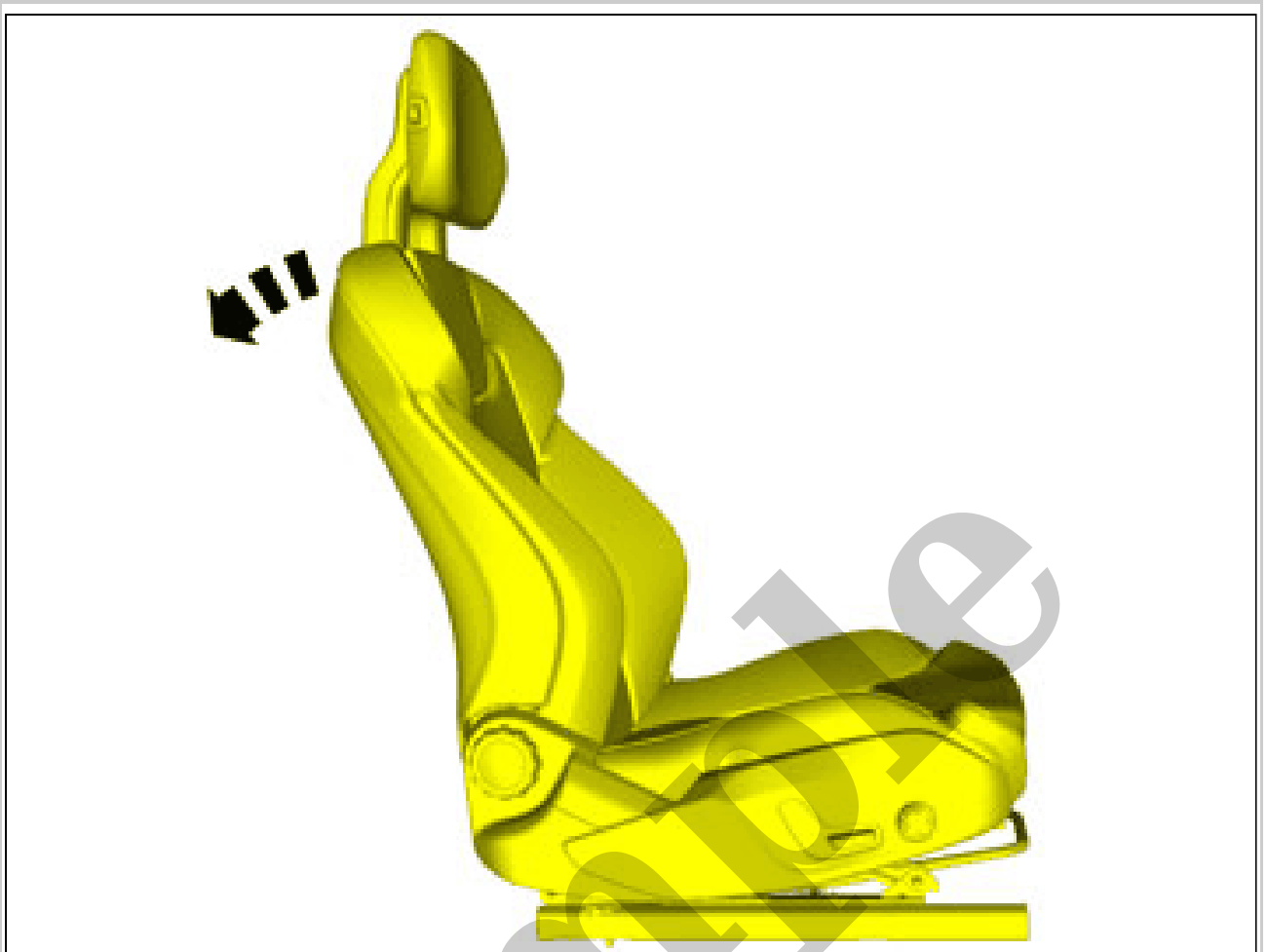
Courtesy of VOLVO CARS CORPORATION

Disconnect any connector(s).
Remove the marked part.



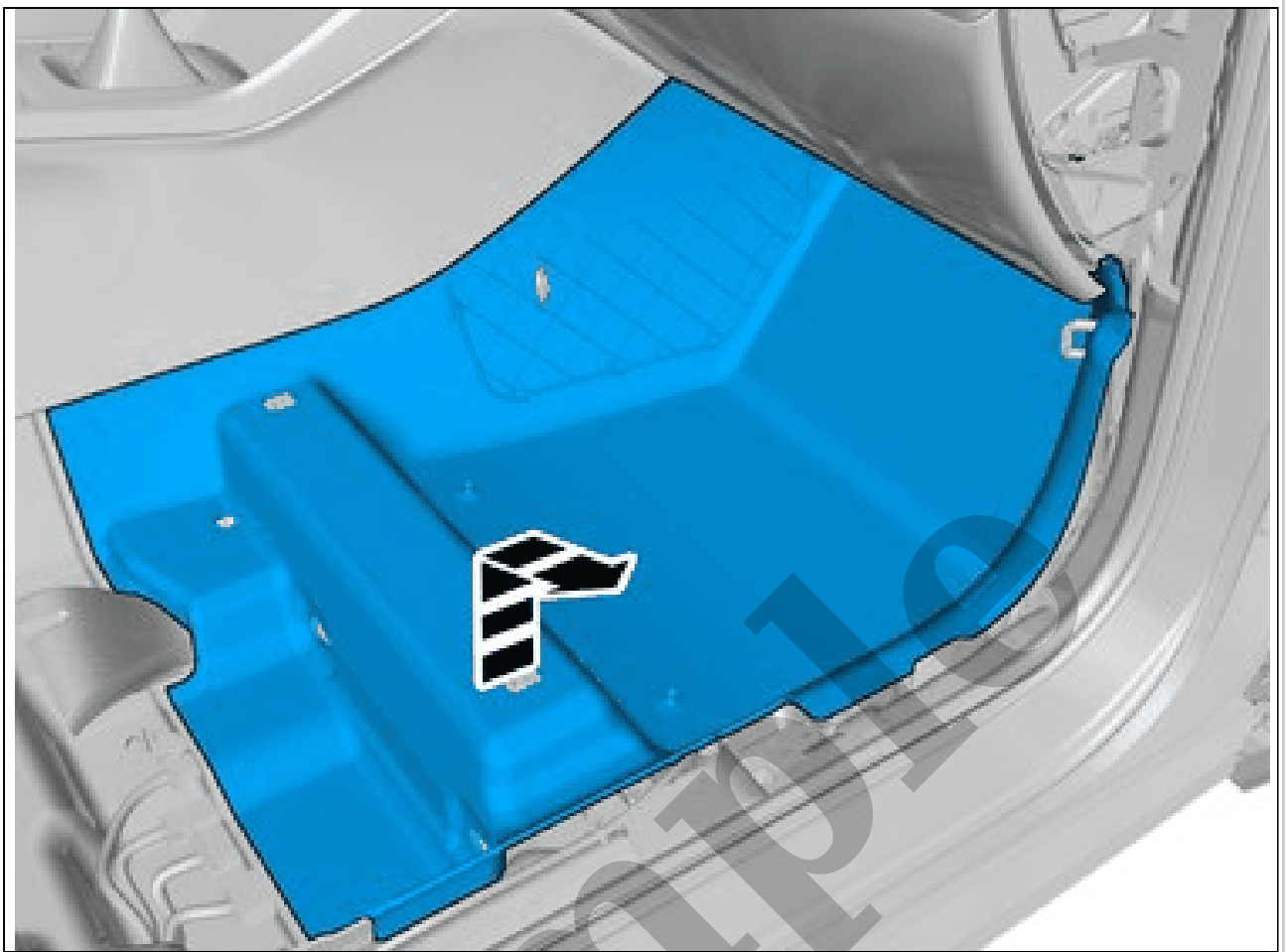
Courtesy of VOLVO CARS CORPORATION

Detach the panel.



Courtesy of VOLVO CARS CORPORATION

Sample



Courtesy of VOLVO CARS CORPORATION

Remove the marked part.