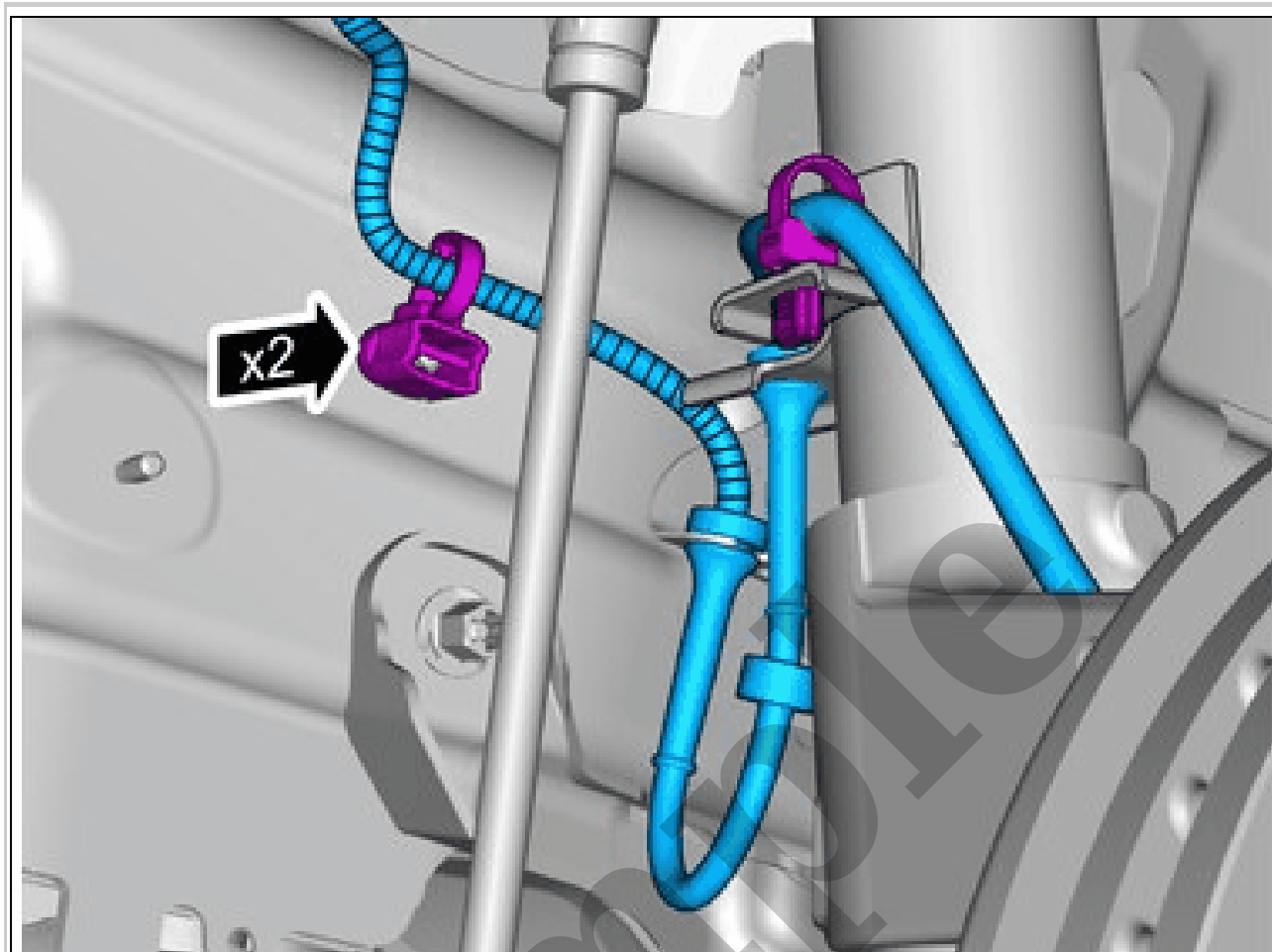# Your Ultimate Source for OEM Repair Manuals

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.
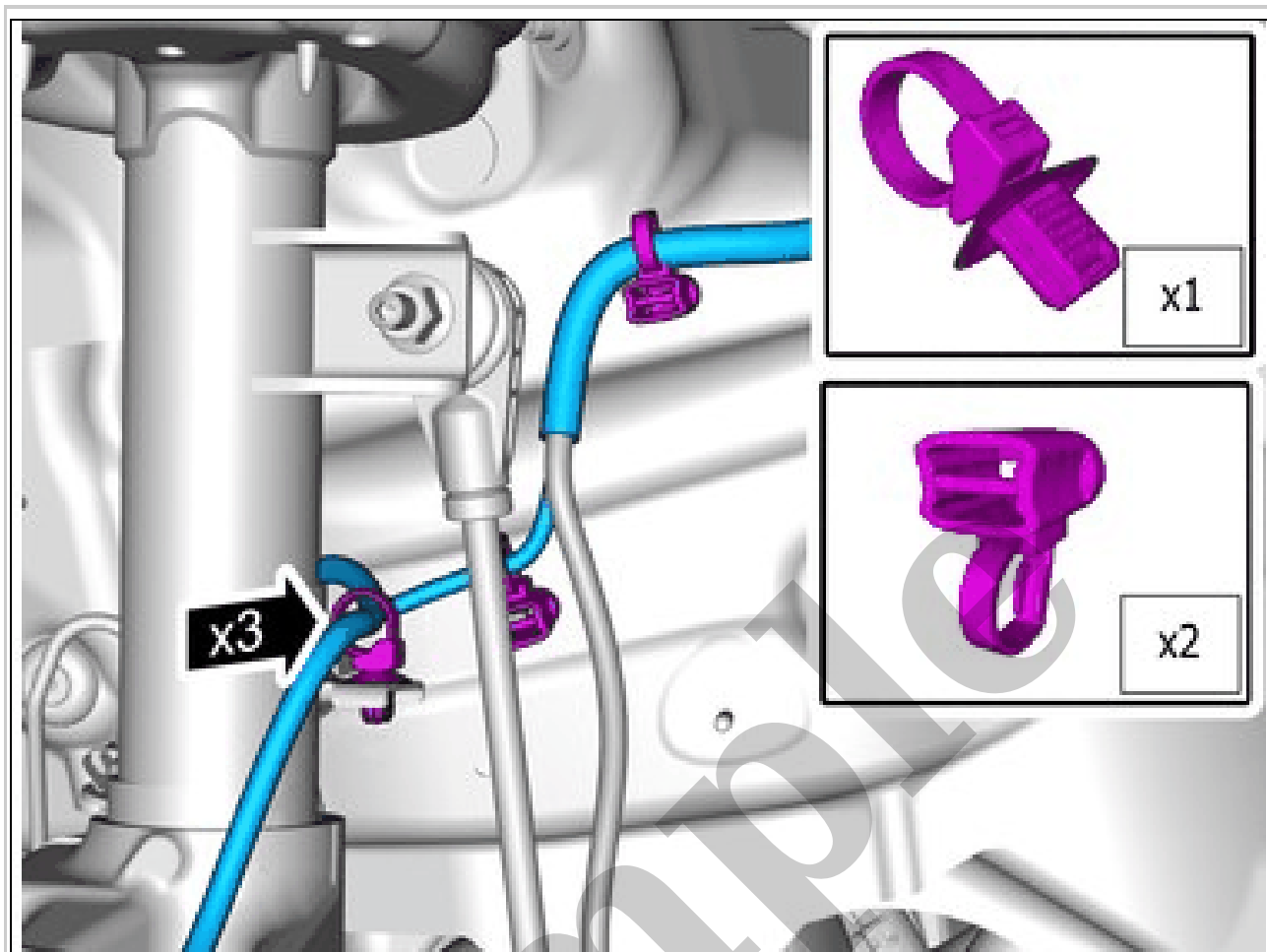
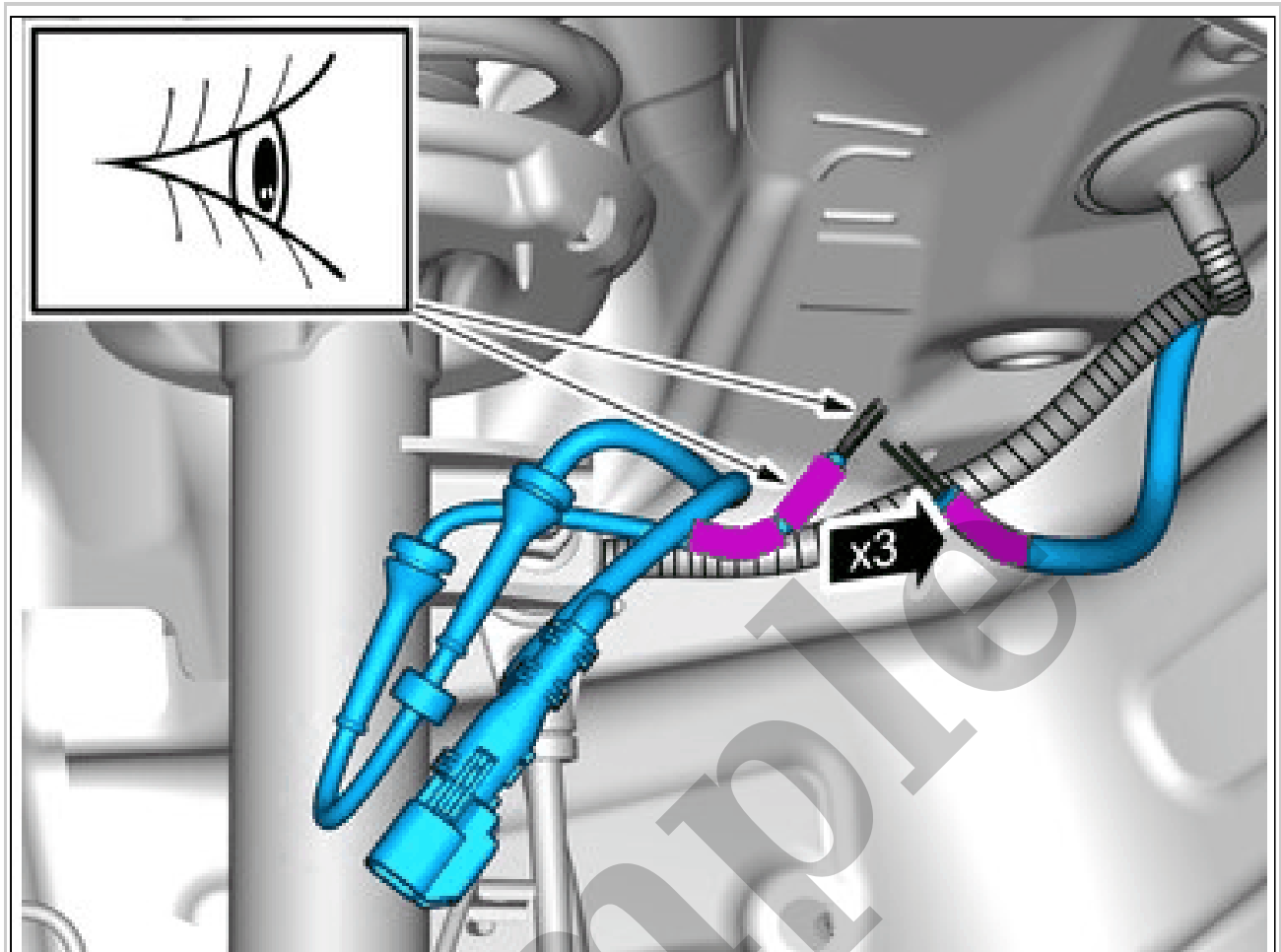## 2023 Volvo V90 Cross Country Service and Repair Manual

Go to manual page

Adjust the position of the wiring.
Install the clip(s).
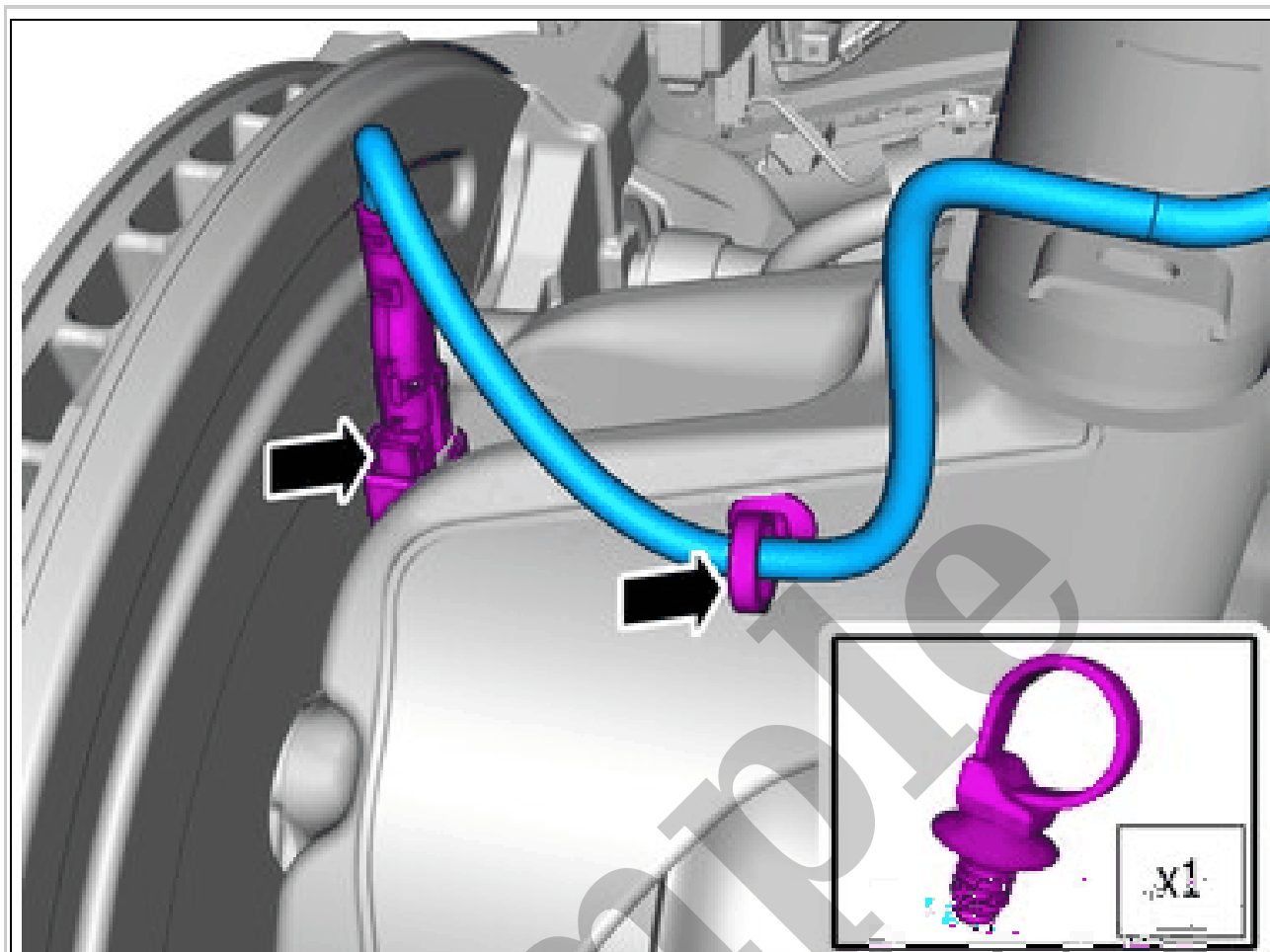
Remove the cable harness clips.

Courtesy of VOLVO CARS CORPORATION

NOTE: *Thread the heat-shrinkable tubing onto the electrical wiring before splicing the electrical wiring.*
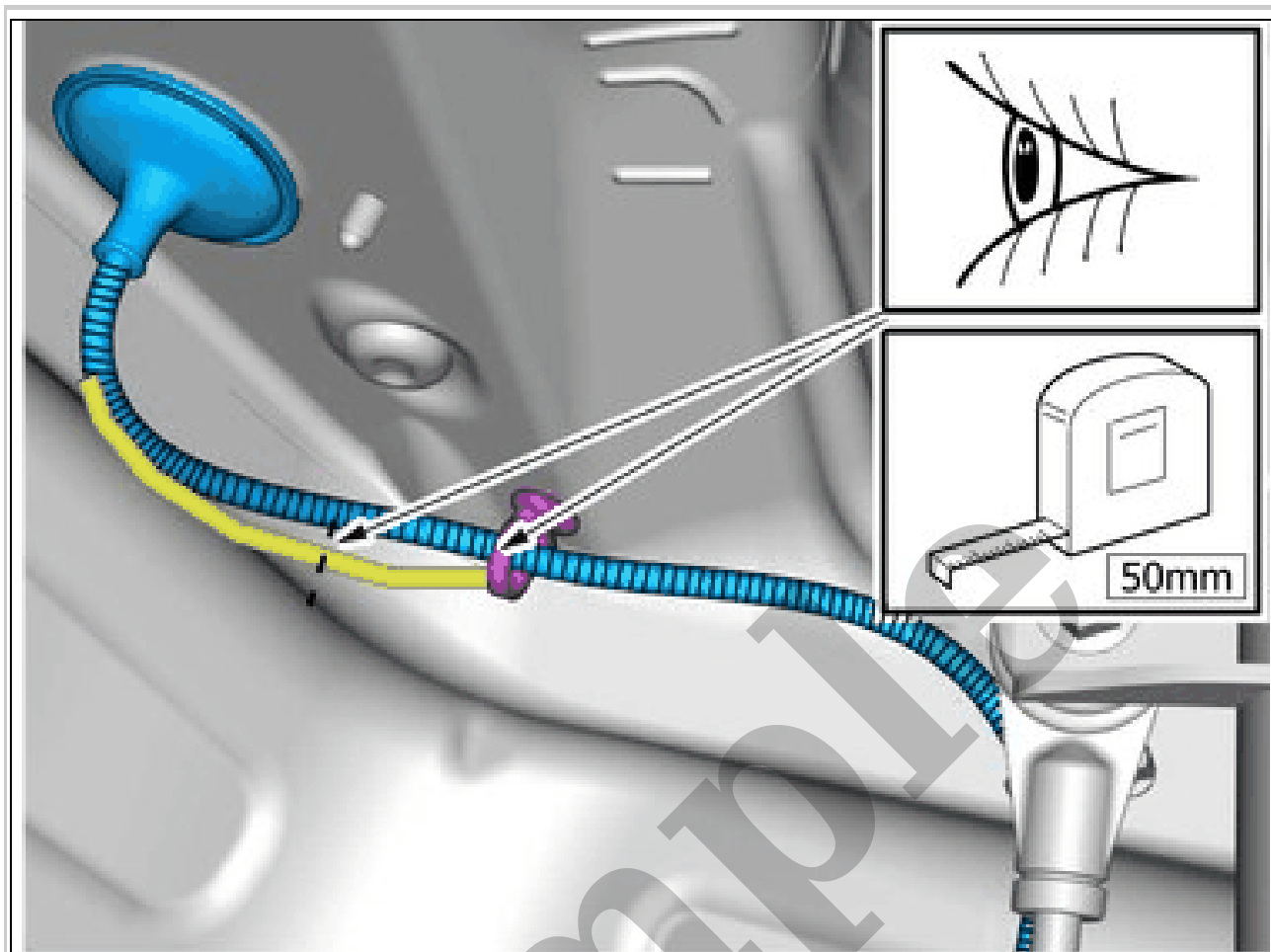
Install the heat-shrinkable tubing.
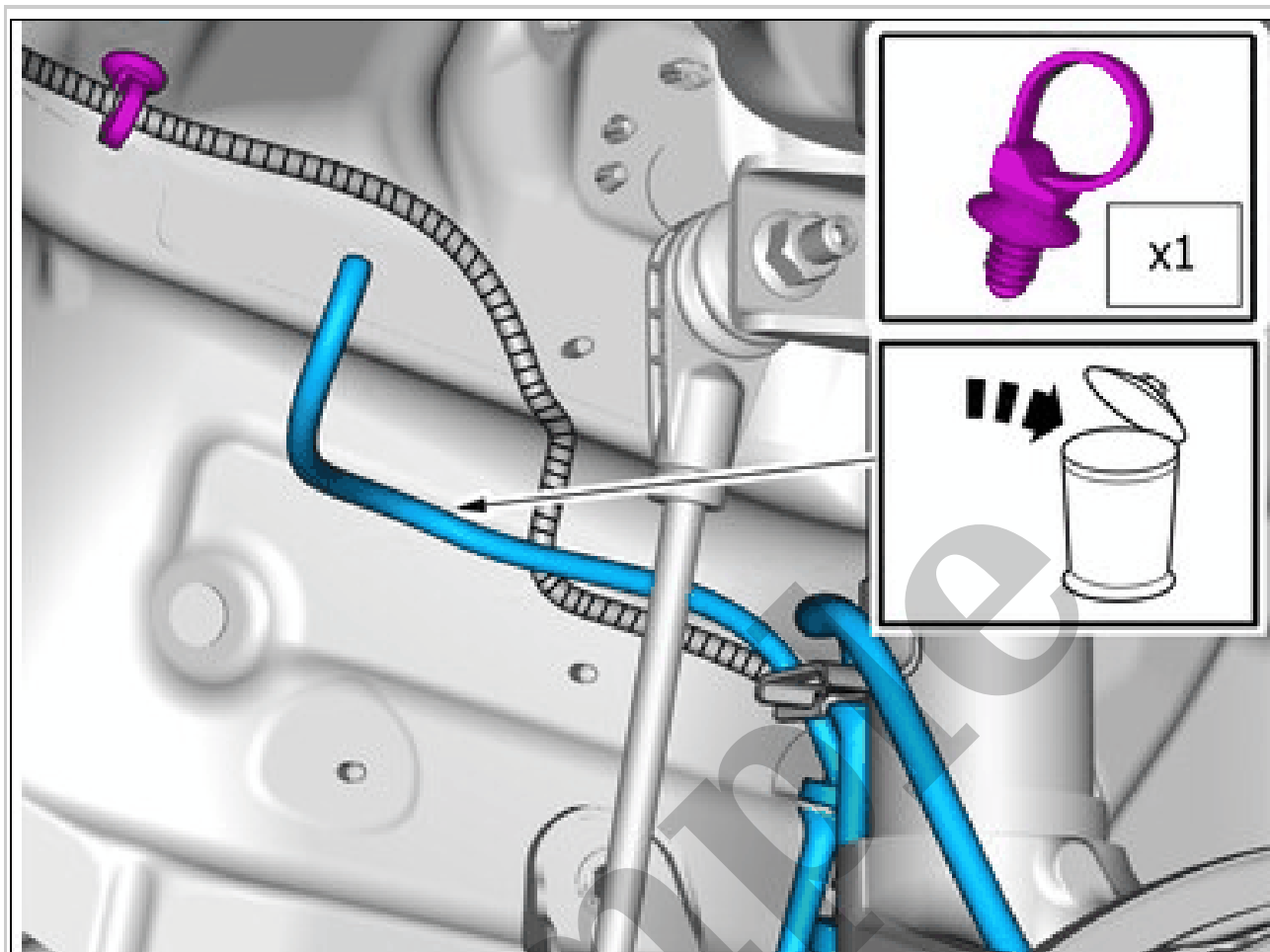**Use:** heat-shrinkable tubing, 976422

Connect the connector.
Install the clip(s).

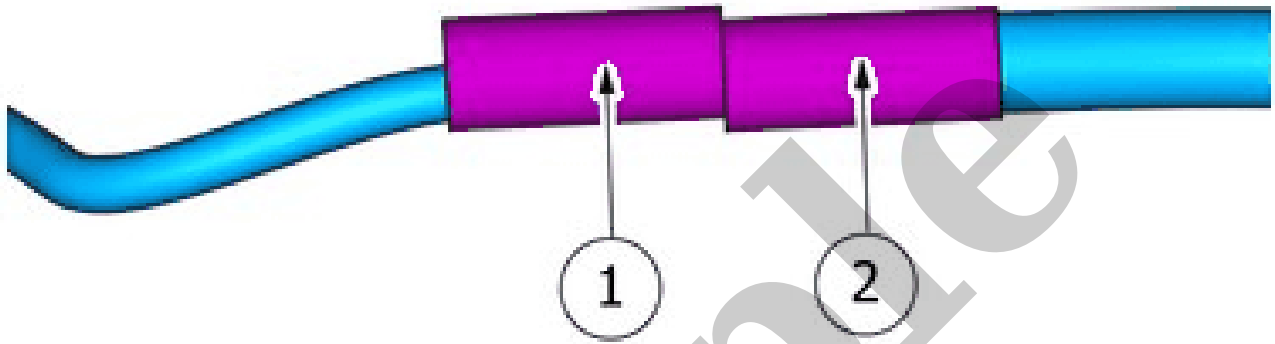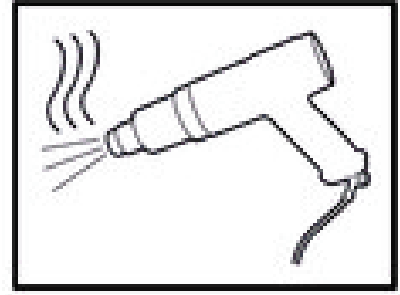Courtesy of VOLVO CARS CORPORATION

Remove the tape.
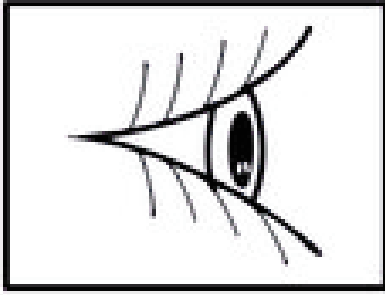Fold the cable aside.
Measure and mark as illustrated.
Use: Tape measure

Courtesy of VOLVO CARS CORPORATION

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

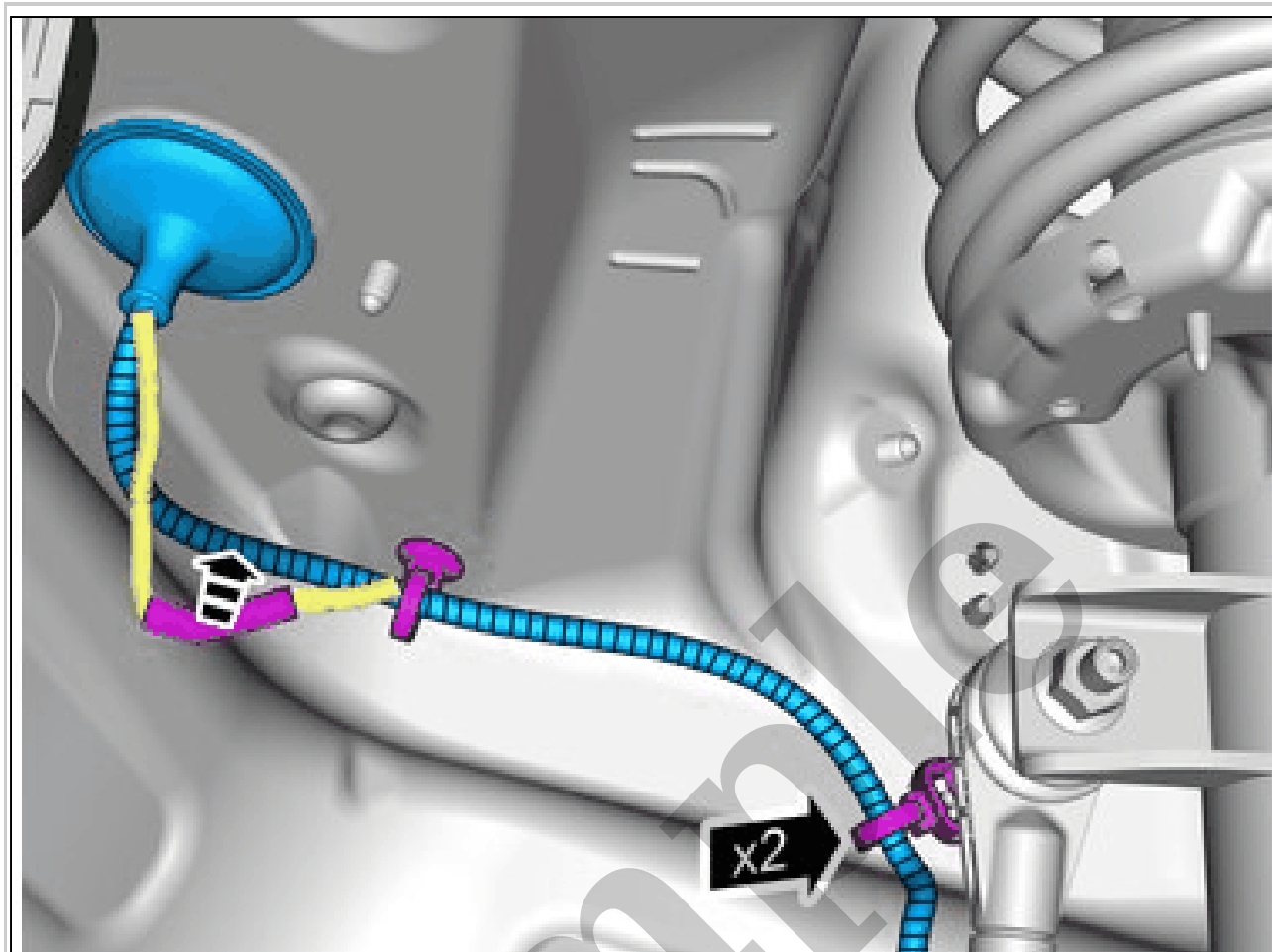**CAUTION:** *Ensure that the joint sleeve is properly shrunk around the wire. You should be able to see that glue has penetrated.*

Use: heat-shrinkable tubing, 976422
Use: Hot-air gun

Courtesy of VOLVO CARS CORPORATION

Install the marked component.
Adjust the position of the wiring.
Install the clip(s).

WHEEL SPEED SENSOR > WHEEL SPEED SENSOR (7/31 - 7/32, 7/56 - 7/57) [2018-2022] > DESCRIPTION

The wheel speed sensor measures the rotation speed of a wheel.

WHEEL SPEED SENSOR > WHEEL SPEED SENSOR (7/31 - 7/32, 7/56 - 7/57) [2018-2022] > DIAGNOSTIC INFORMATION

The wheel speed sensor does not have a built-in diagnostic system. The Vehicle Dynamics Domain Master (VDDM) / Brake Control Module (BCM2) monitors the sensor, sets DTCs and stores readable parameters.

WHEEL SPEED SENSOR > WHEEL SPEED SENSOR (7/31 - 7/32, 7/56 - 7/57) [2018-2022] > CONNECTION AND COMMUNICATION

The wheel speed sensor is directly connected to the Vehicle Dynamics Domain Master (VDDM) / Brake Control Module (BCM2).