



Volvo Car Customer Service

QB Instruction VCC-523844-2

Title	Accelerator pedal (with corrosion)	Page	1 (14)
Action	APS Connector Kit Install	Operation number:	97902-3

Issue	Date	Reason
1	2022-04	First issue

Affected vehicles

Model year	Model	Engine
2021, 2022	XC40	E400V6

Materials

Materials	Qty.	Part No.	Notes
Splice	6.0	9130467	
Electrical tape	0.1		Shop supplies
Cable tie	3.0	983750	
Thread locker normal	0.1	1161053	Shop supplies
Accelerator pedal	1.0	32212368	
APS connector kit	1.0	32301987	

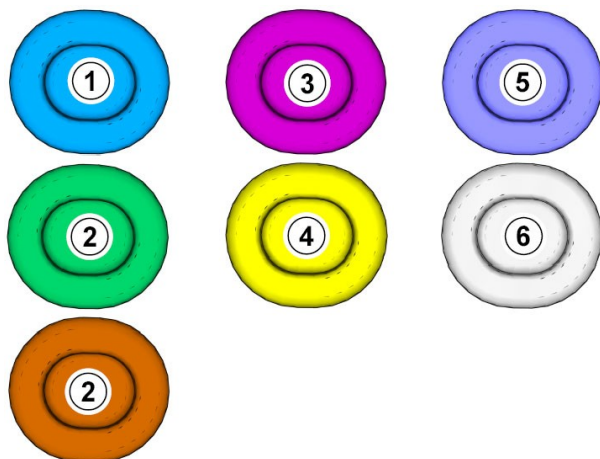
Special tools

Description	Part No.
Crimping tool (included in 9512669)	951 2785
Hot-air gun	951 2777
Stripping tool (for wiring)	951 2620

Equipment

Designation	Part No.
Pliers	

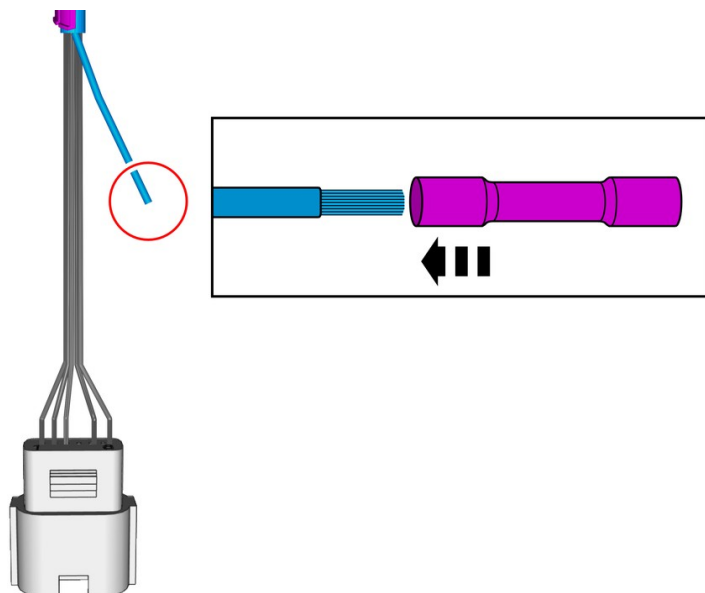
Color symbols



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.

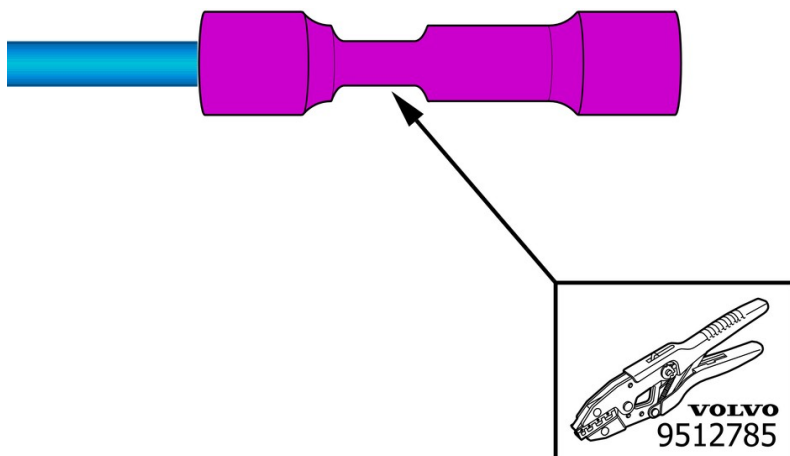
Modification



Install the marked component.

Press the components together.

Special Tool: T9512785, Crimping tool
(included in 9512669)



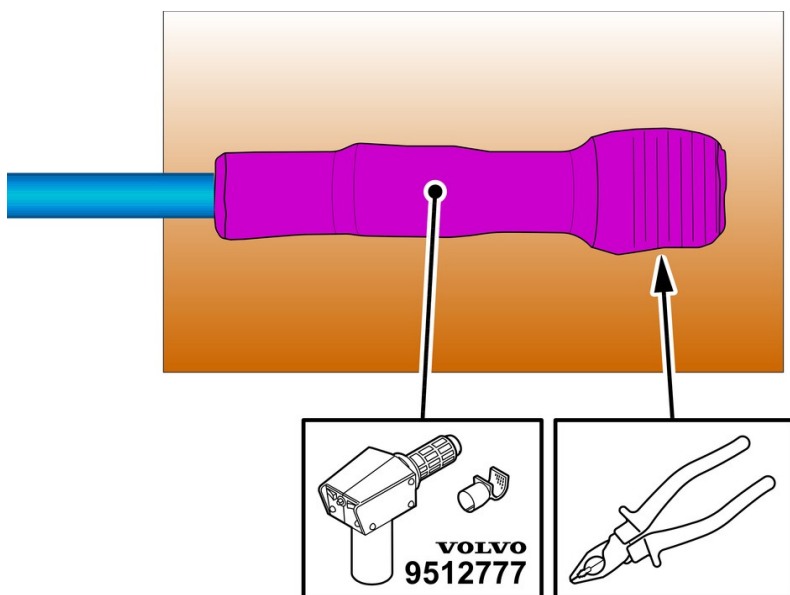
Caution! Make sure that the surrounding components are protected from heat.

Caution! Make sure that all openings are sealed to prevent capillary action (wicking).

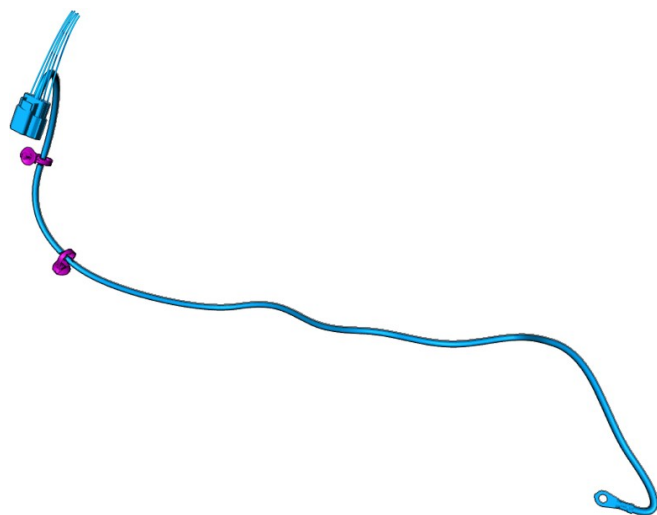
Special Tool: T9512777, Hot-air gun

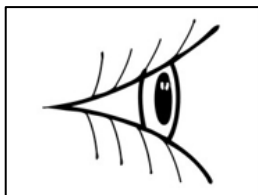
Heat the splice.

While hot, crimp the end using pliers to seal it.

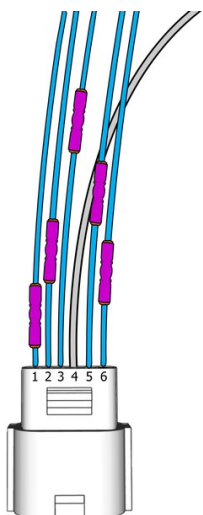
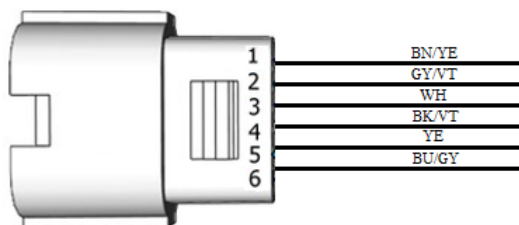


Use: APS connector kit, 32301987





Note! Make certain the new repair terminals are paired to the correct wires.

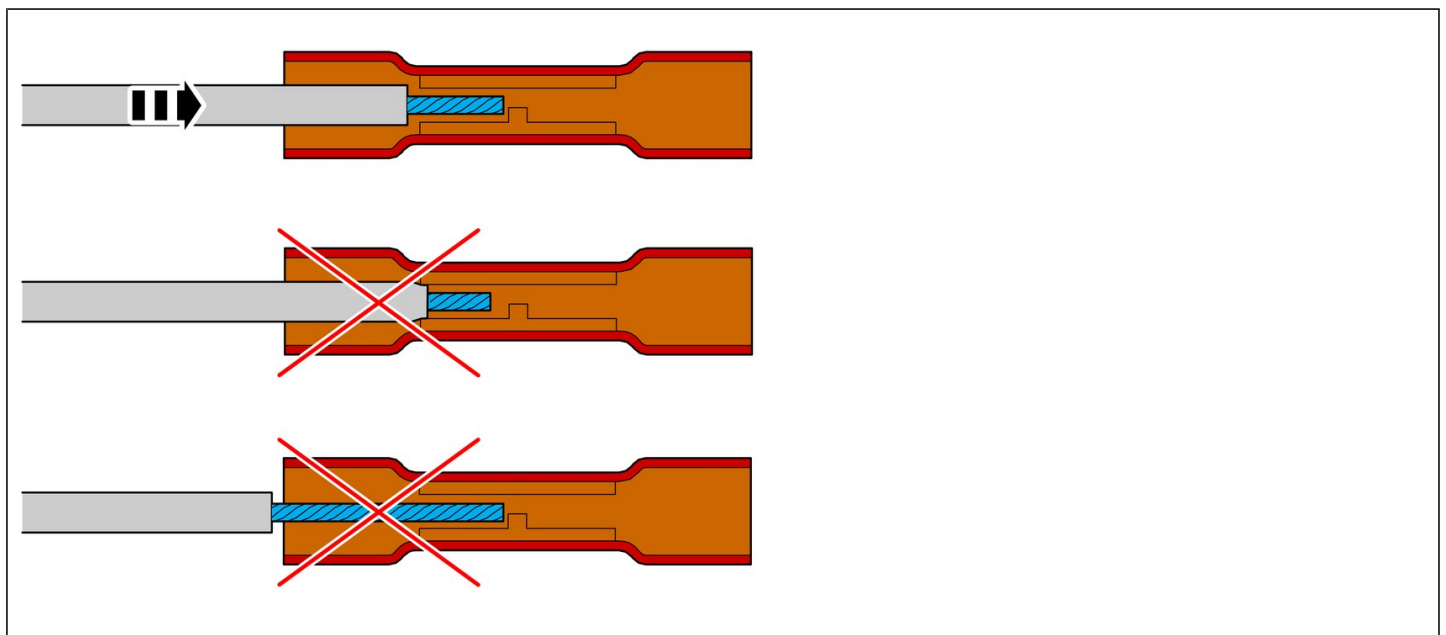
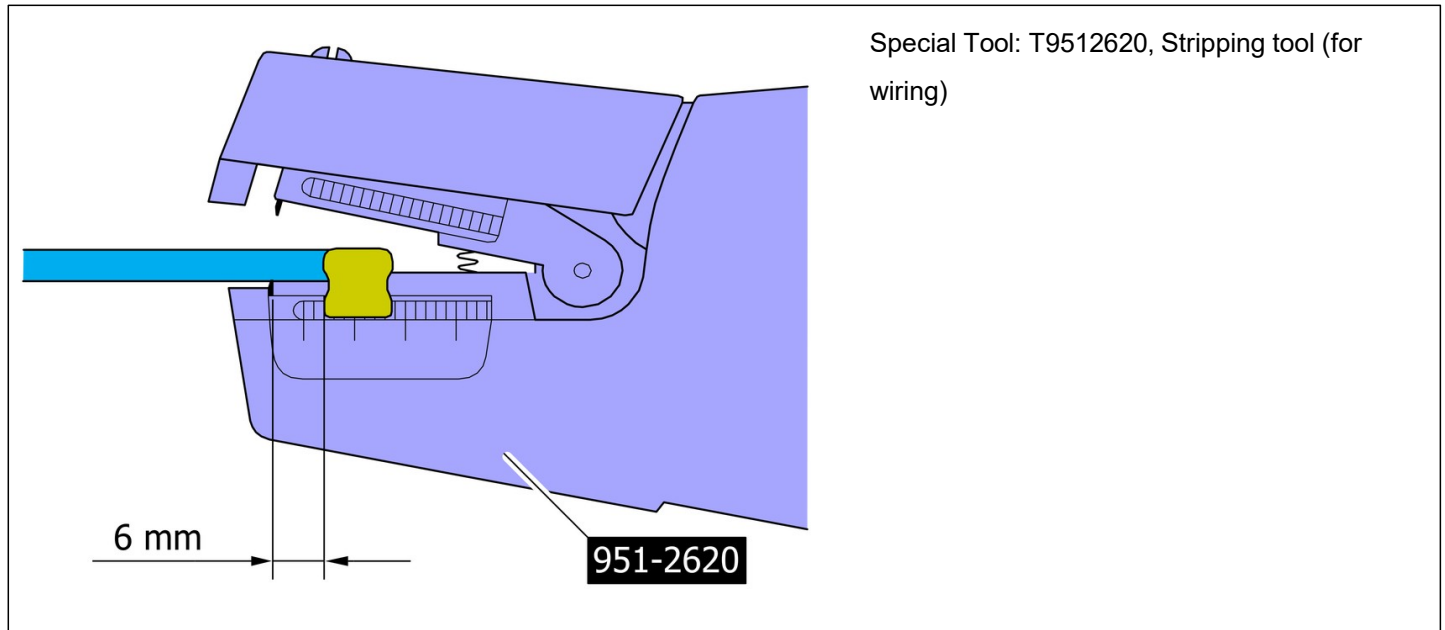


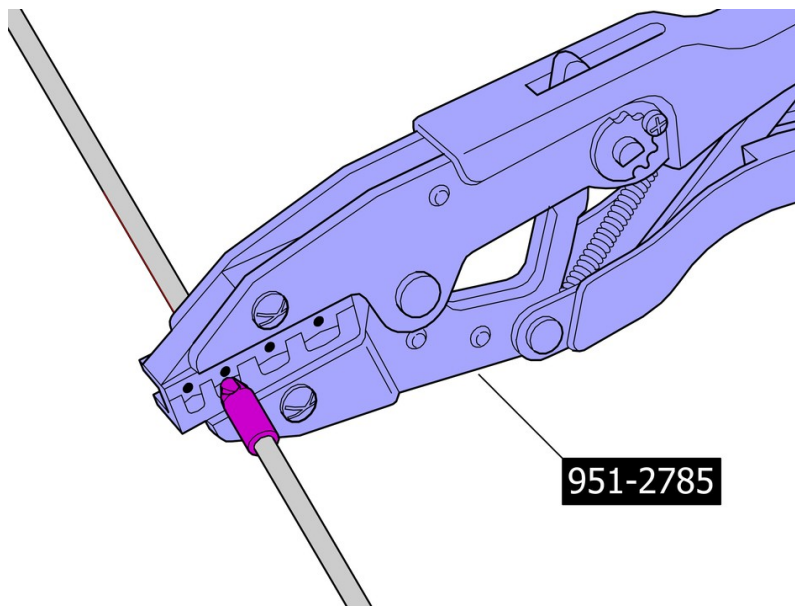
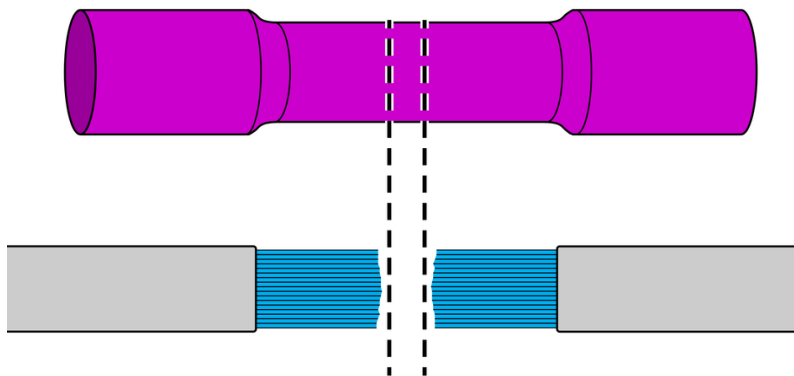
Note! Orientation view

Note! Adapt the wiring length of the spare part to the wiring of the vehicle.

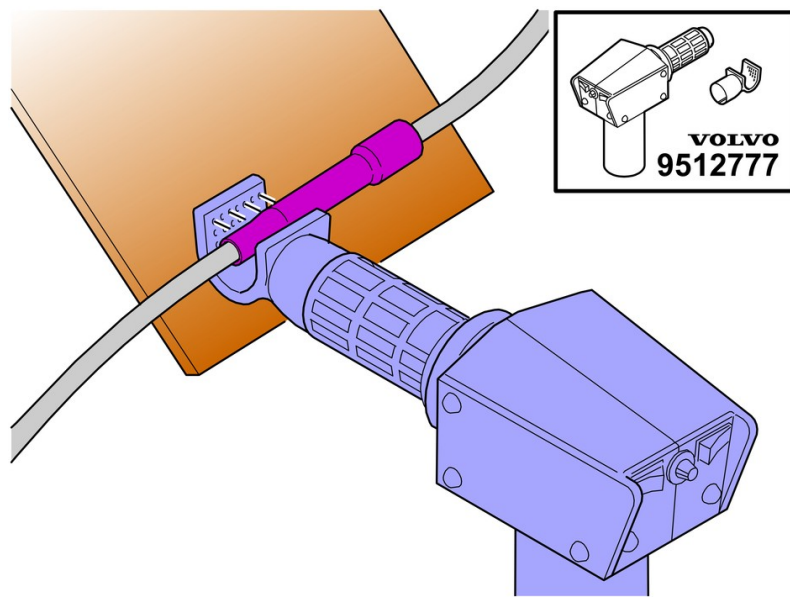
Place the splices evenly distributed.

Use: Splice , 9130467



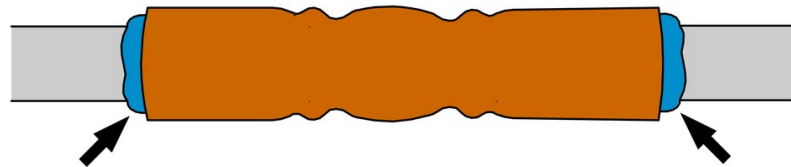


Special Tool: T9512785, Crimping tool
(included in 9512669)



Caution! Make sure that the surrounding components are protected from heat.

Special Tool: T9512777, Hot-air gun

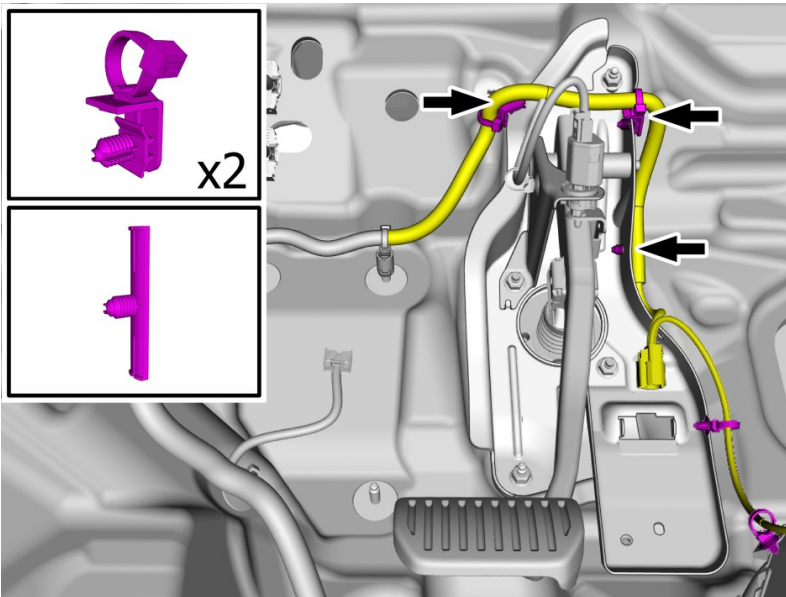
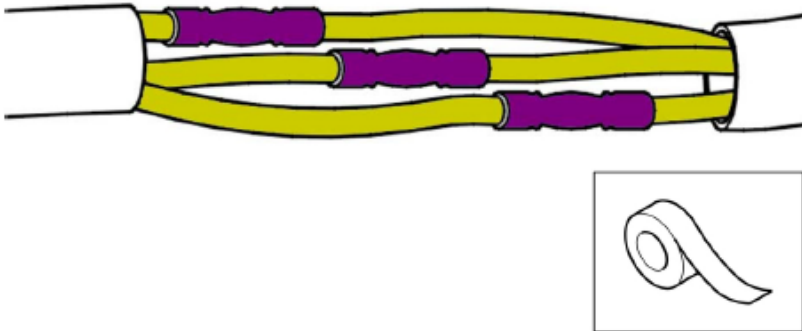


Caution! Ensure that the joint sleeve is properly shrunk around the wire. You should be able to see that glue has bonded as illustrated below.



Fold the cut wire back away from connector and secure to harness using tape.

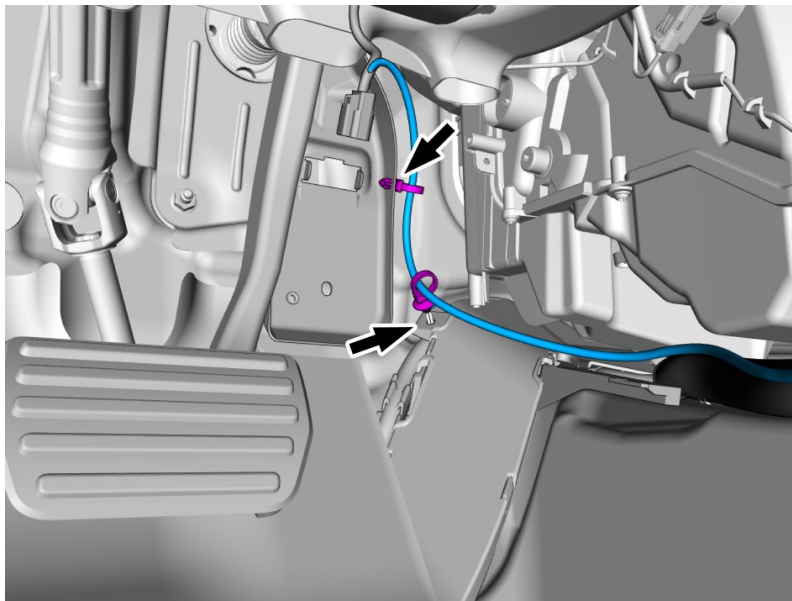
Use: Electrical tape



Background details are often deleted to make the picture clearer.

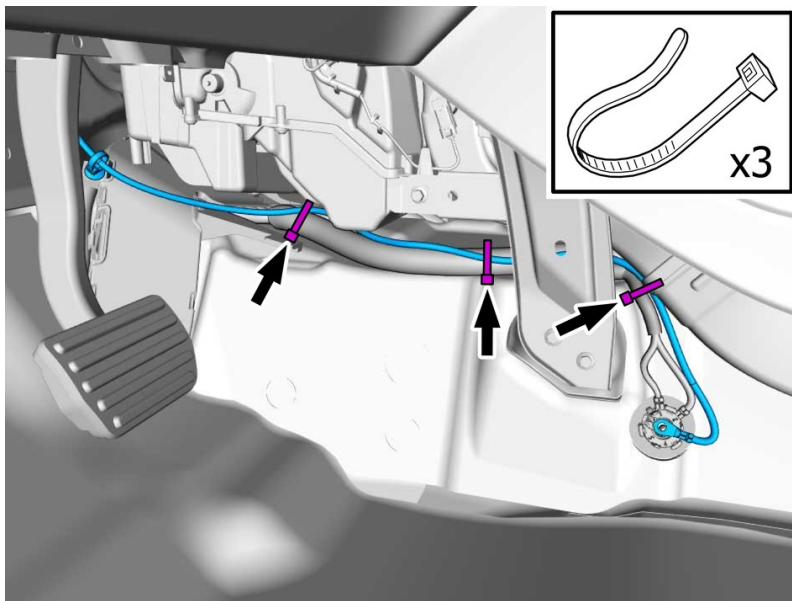
Reinstall the removed part.

Ensure that all clips engage



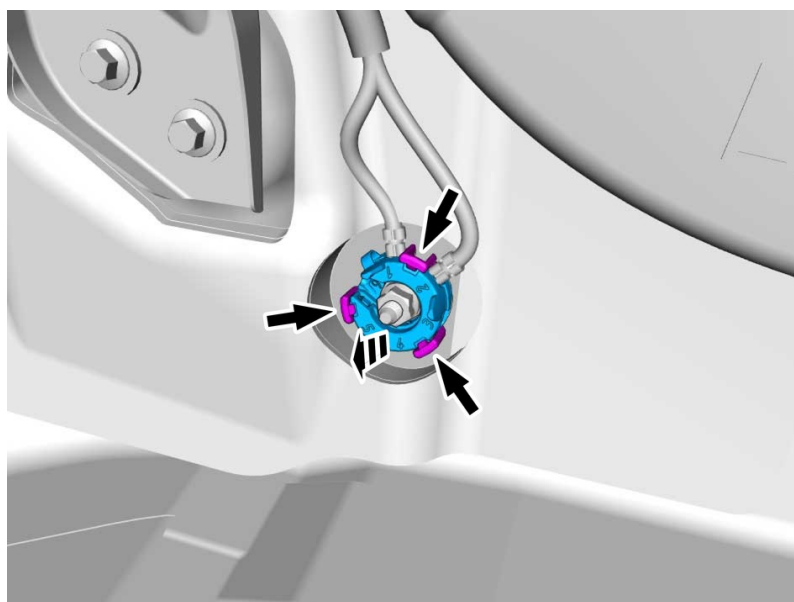
Install the cable.

Ensure that all clips engage.



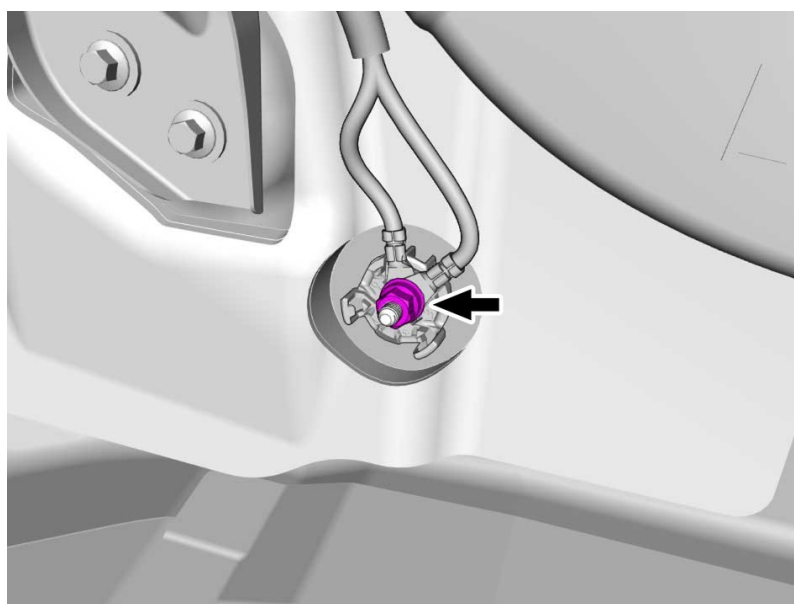
Install the cable.

Use: Cable tie, 983750

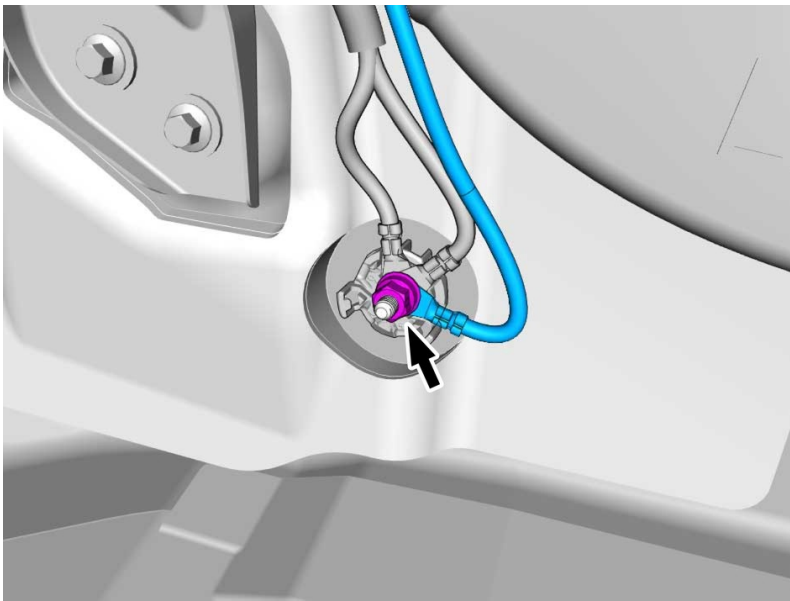


Release the locks.

Remove the marked part.



Remove the nut.

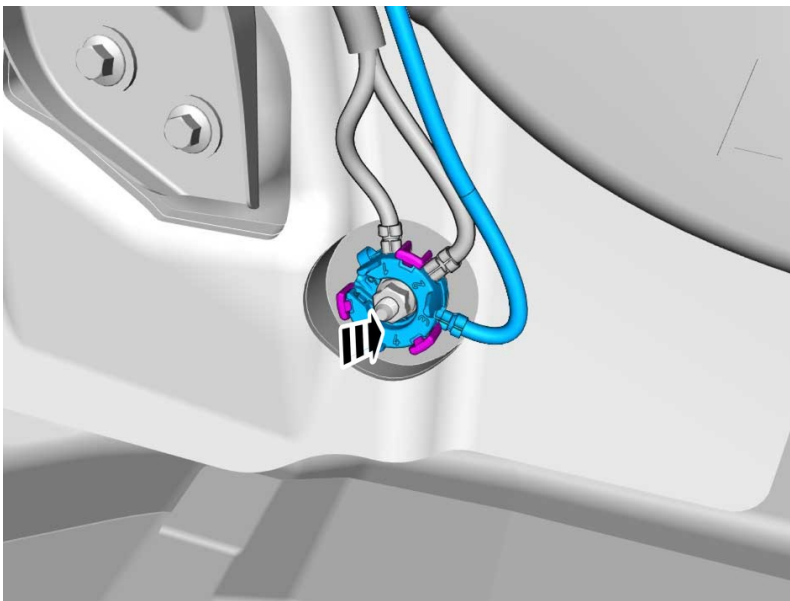


Install component/components from the repair kit.

Install the nut.

Torque:

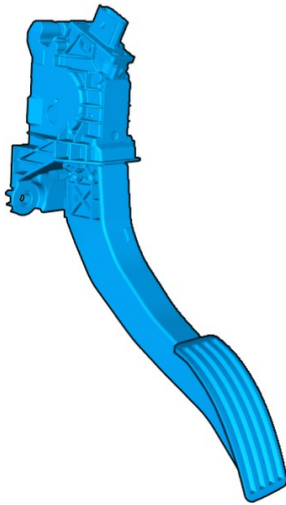
M6 , 10 Nm



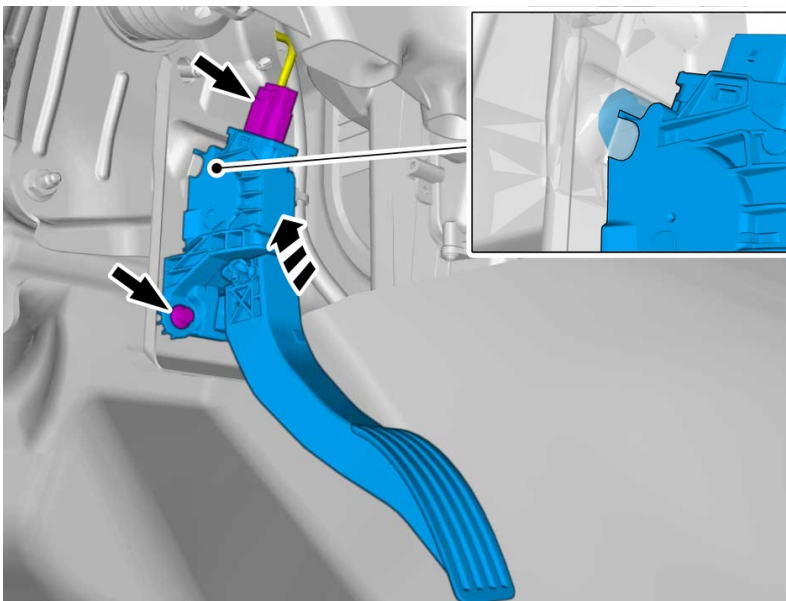
Reinstall the removed part.

Ensure that all clips engage.

Installation



Note! Make sure that a new component is installed.



Install the marked component.

Install the screw.

Use: Thread locker normal , 1161053

Torque:

M6 , 10 Nm

Connect the connector.

To install, reverse the removal procedure.