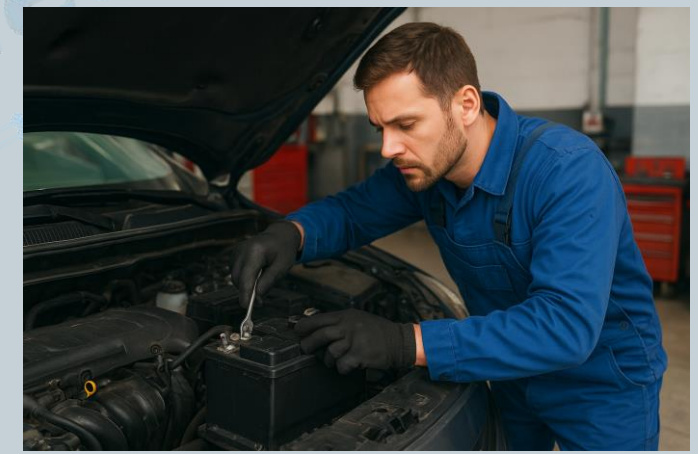
WEngineering

Caution:
Be sure to disconnect the vehicle battery before installation! Electrical work should only be performed by qualified personnel.

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Dismantling the interior trim

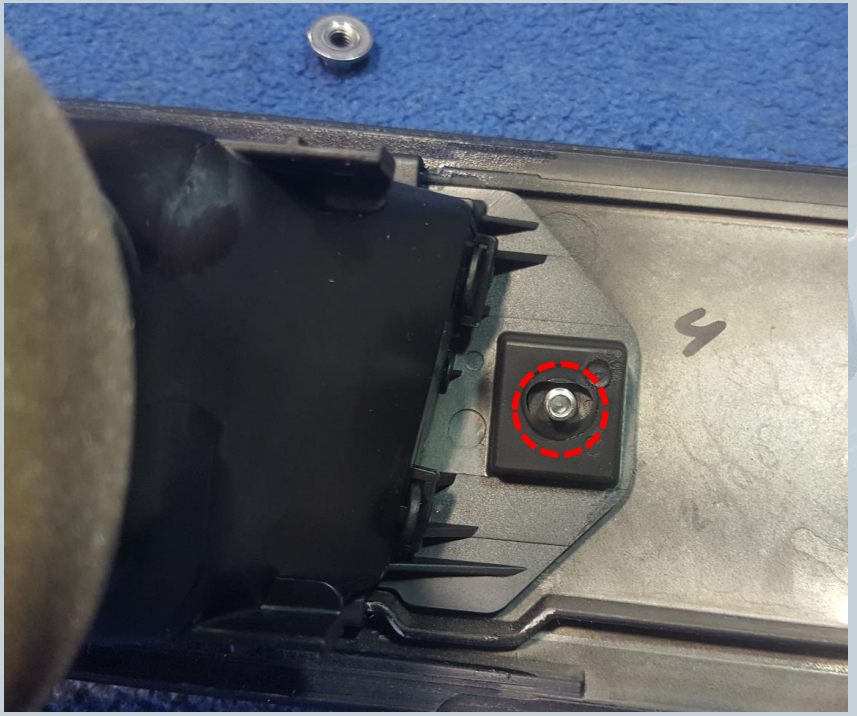
Carefully loosen the interior trim. Beginning from the passenger side.

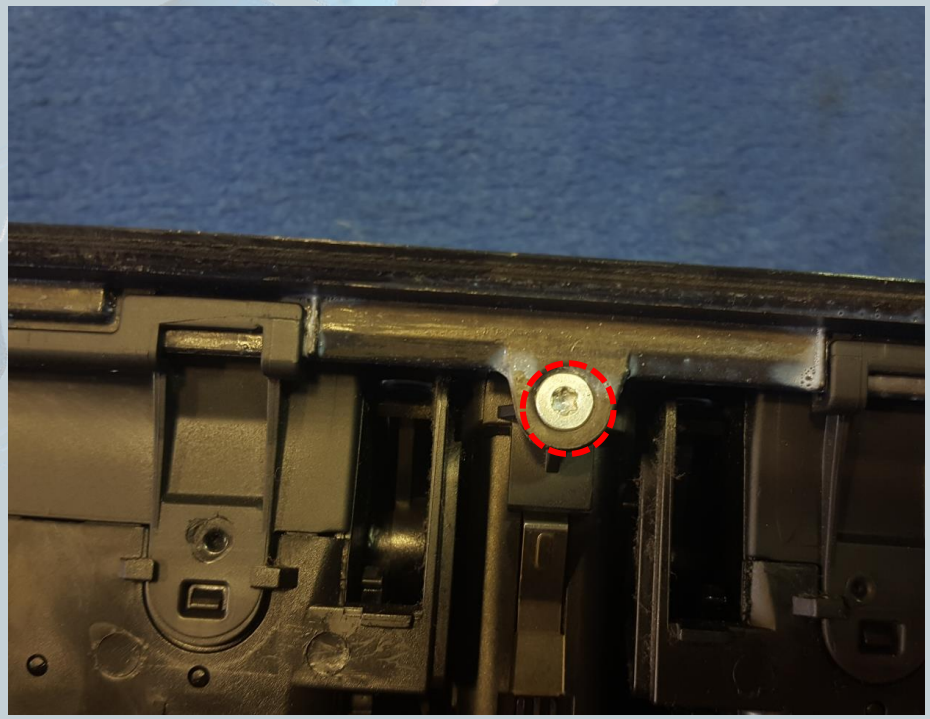
Dismantling the interior trim

Pay attention to the connectors.

Dismantling ventilation

Remove the 2 (8) nut and disconnect the vent from the interior trim.

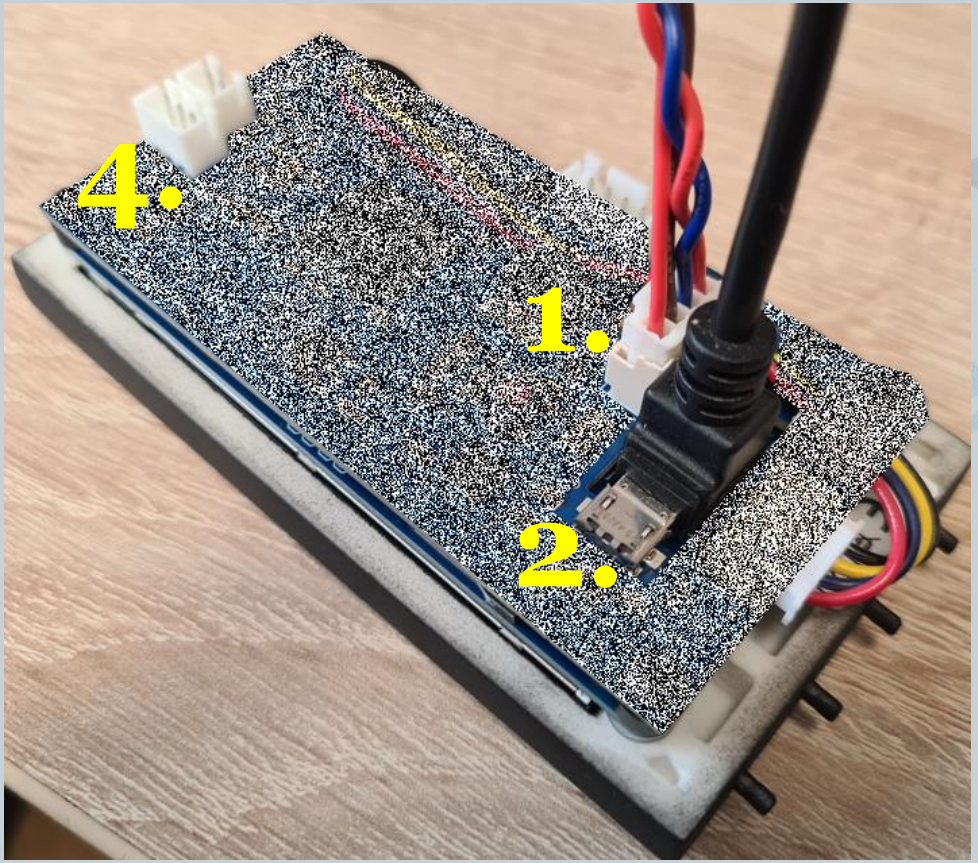




Dismantling ventilation

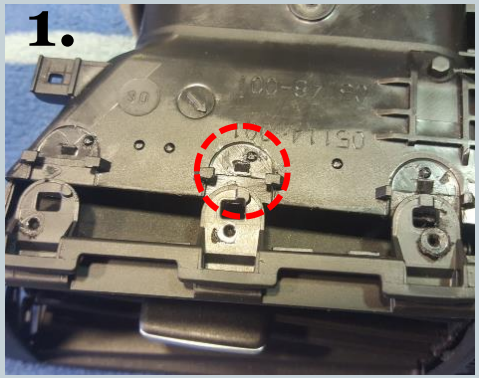
Disconnect the ventilation unit from the interior trim. First the upper side.

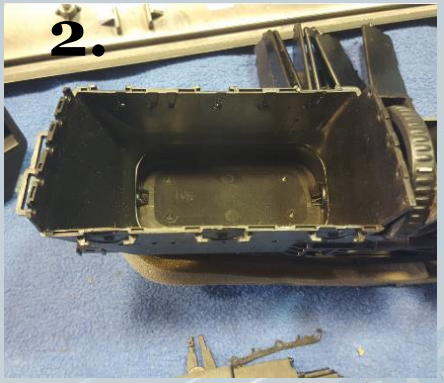
Mounting display

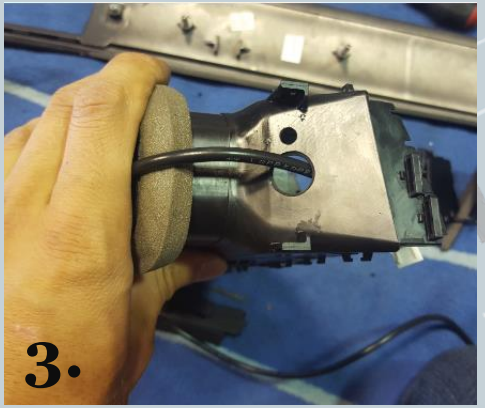


1. DataDisplay main cable (power supply/CAN Bus)
2. 90° Micro USB cable
3. Temperature sensor
4. Pressure sensor

Mounting display







1. Unlock locks to separate the front of the vent from the rear.
2. Remove all fins.
3. Drill a hole for the cable entry
4. Insert display. Right side first. Left side can be clipped.

Mounting display

Reinstall the front part of the ventilation. The bottom side first. Now the ventilation unit can be bolted to the interior trim again.

Connection of the control unit

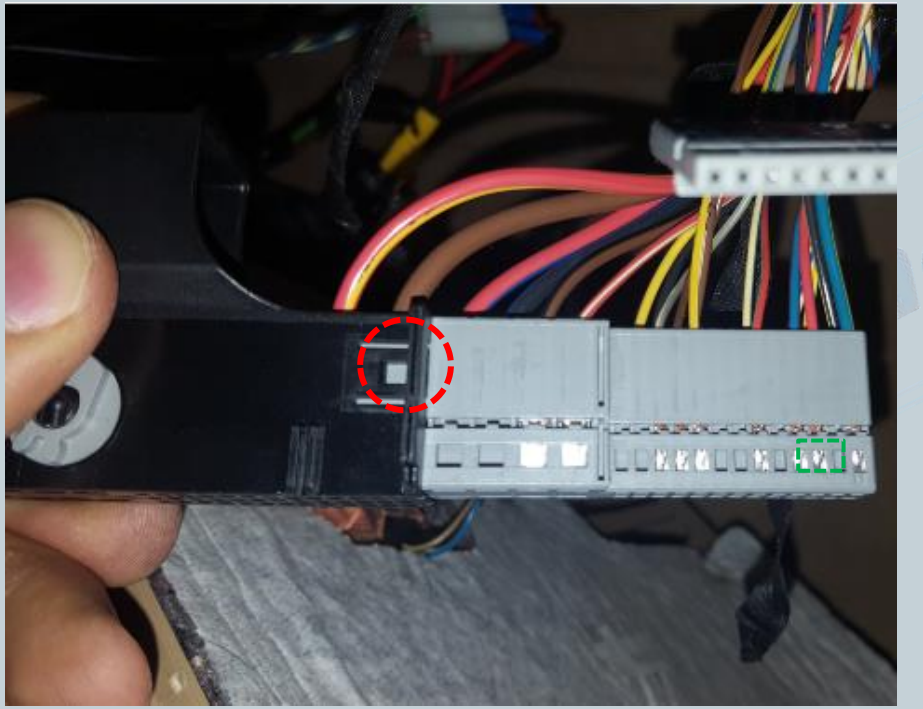
Remove the panel and the glove compartment in the footwell on the passenger side.
Lay the cables in the footwell accordingly.

Connection of DataDisplay

1. Remove the connector

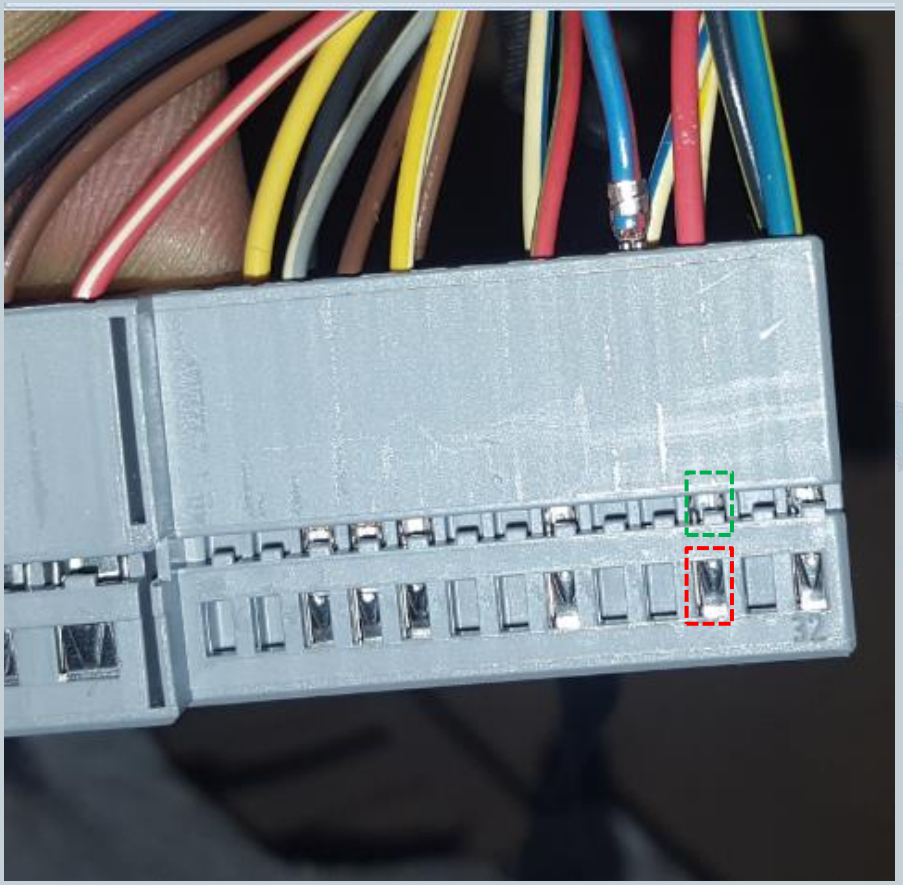
Connection of DataDisplay

Unplug the black connector and pull it out of the connector housing. The housing is locked into place on both sides (marked in red).



The plug consists of three fields, Remove the upper field as shown in the picture to get to the desired pins.

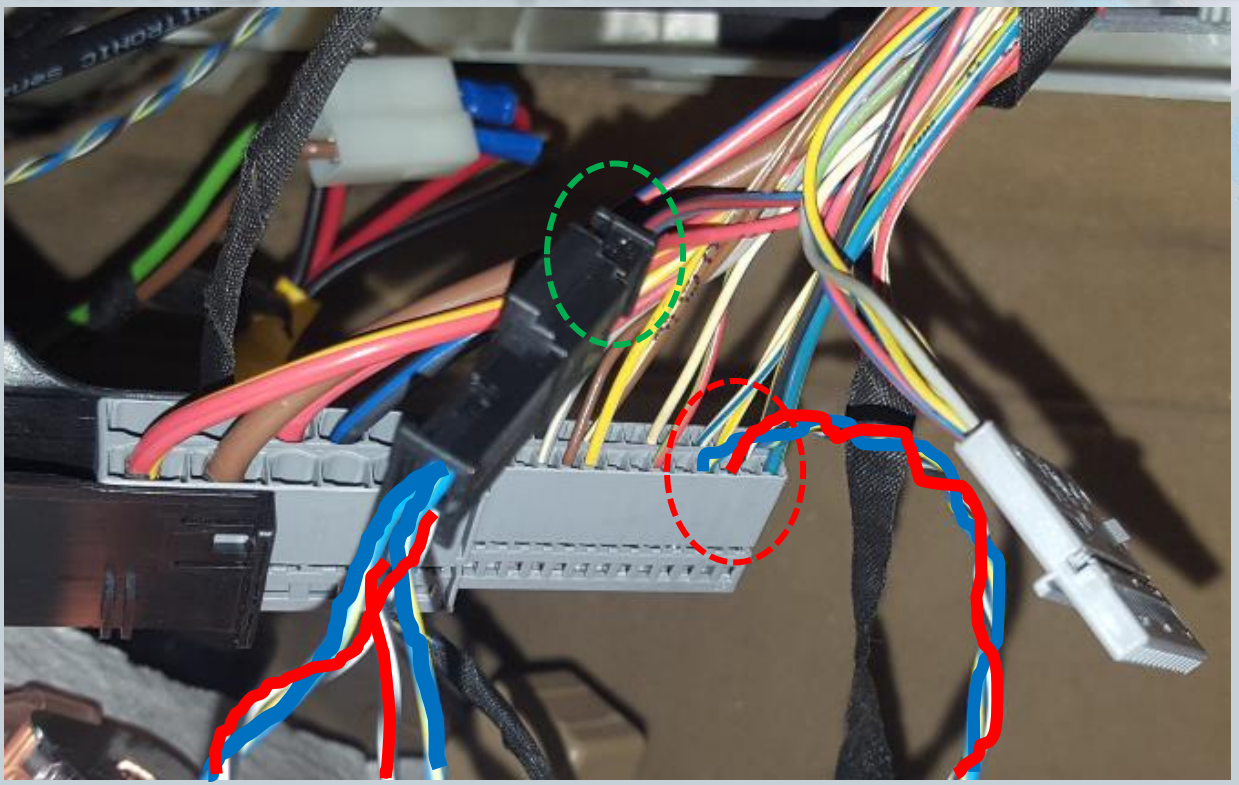
Connection of DataDisplay



Unpin the CAN line (blue / red and red is twisted).
Blue / red = CAN high = pin 29
red = CAN-Low = pin 30
Press and pull on the pins with a small slotted screwdriver. First press on the red marked area and pull out, then on the green area. Carry out this process for each wire individually.

Connection of DataDisplay

Pin in the disconnected CAN line into the connector supplied. Thereby “blue / red” on **Pin_1** and “red” on **Pin_3**. The numbering is marked on the connector (marked green)..



Pin in the supplied CAN line as shown in the picture (Highlighted in red).
Blue = CAN high = pin 29
red = CAN-Low = pin 30

Connection of DataDisplay

Loosen the screws for the climate control panel and lift it forward along with the cover. Disconnect the connectors behind the climate control panel.

The trim of the switch center in the center console must be unclipped on the outside.

Connection of DataDisplay

There is a power supply cable on the left and right of the SZM.
SZM Pin1 = Red/Violet = +12V Kl30G -> DataDisplay Pin1 = Red =+12V
SZM Pin2 = brown/black= ground/GND -> DataDisplay Pin3 = brown = GND

1. Open the lock on the 3-pin tractor connector.
2. First, disconnect pin 1 of the tractor connector.
3. Connect the red wire from the data display harness to pin 1 of the tractor connector.
4. Connect the red/violet wire to the supplied 3-pin connector at pin 1.
5. Connect pin 2 of the tractor connector.
6. Connect the brown wire from the data display harness to pin 2 of the tractor connector.
7. Connect the brown/black wire from the tractor to the supplied 3-pin connector at pin 3.

Connection of DataDisplay

Plug the two plugs together.

SZM Pin1 = Red/Violet = +12V Kl30G -> DataDisplay Pin1 = Red =+12V
SZM Pin2 = Brown/Black = Ground/GND -> DataDisplay Pin3 = Brown = GND