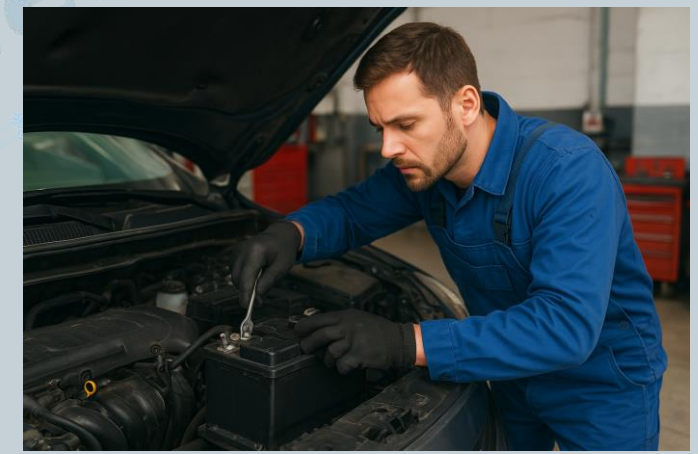
WEngineering

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



BMW E9x


BMW Dienste
Fahrzeuginfo
Längengrad:
11° 26' 25"O
START
STOP
ENGINE
I
0
108 °C
BOOST
43 °C
OPEN
0 Km/h
664 rpm
0.01 bar
368 °C
WE
96 °C
DTC

Dismantling the interior trim

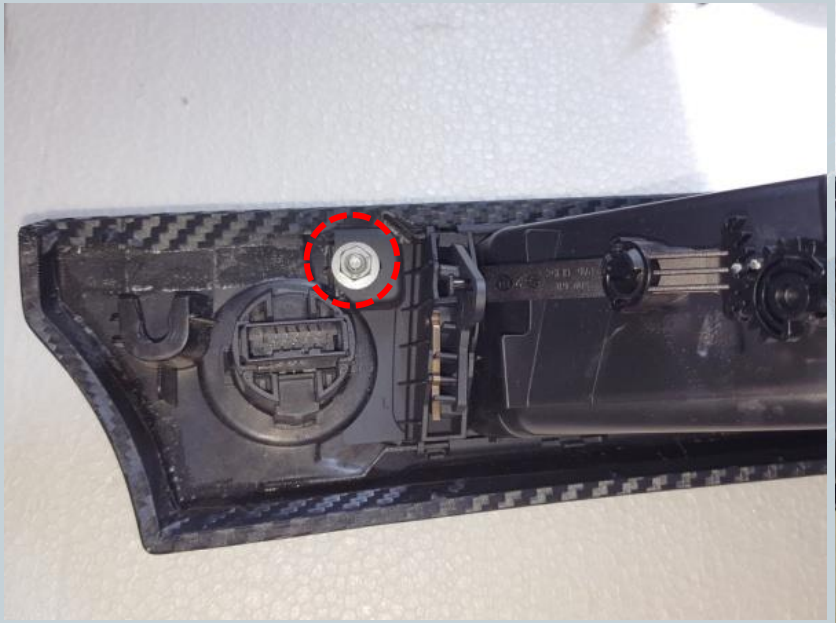
Carefully loosen the interior trim. Beginning from the passenger side.

Dismantling the interior trim

Pay attention to the connectors.

Dismantling ventilation

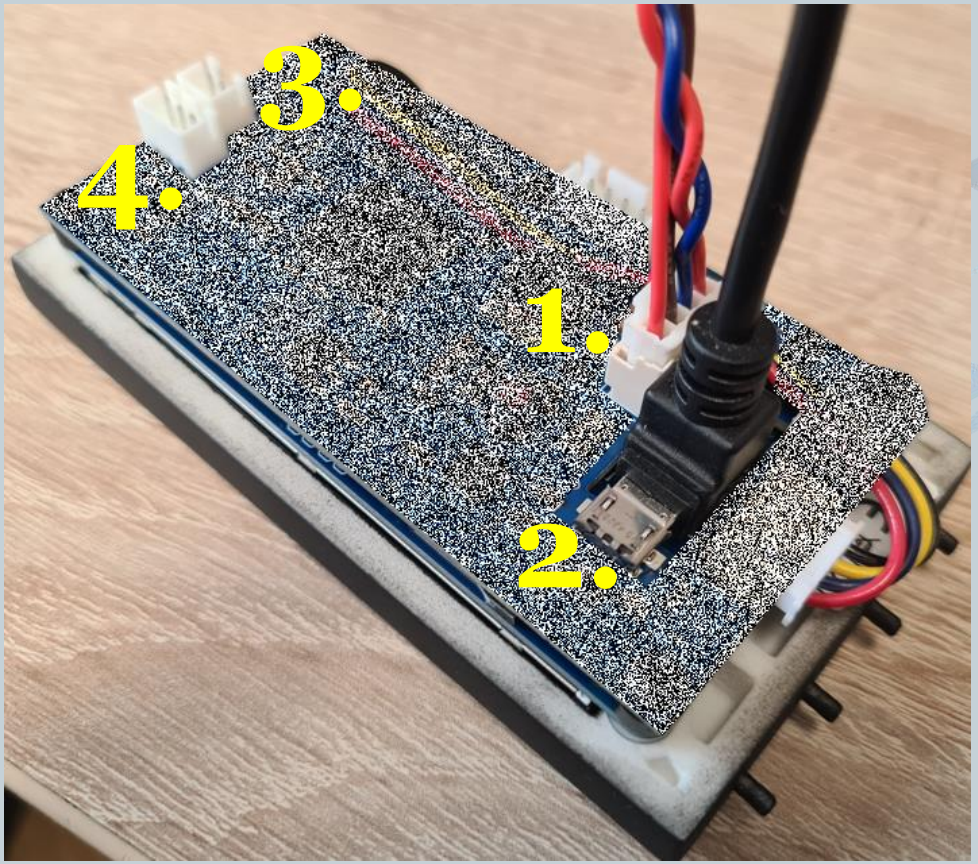
Remove the 2 (8) nut and disconnect the vent from the interior trim.



Mounting display

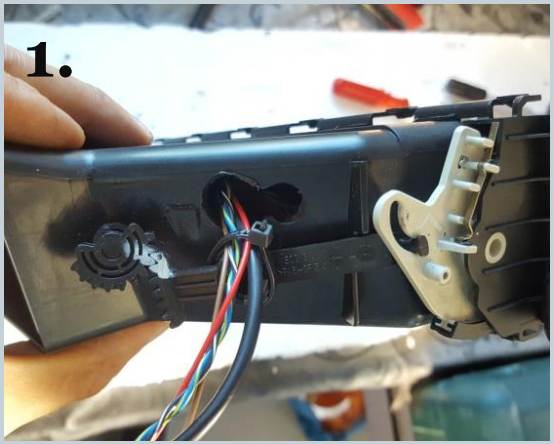
1. Remove the DTC button with a pressure on the back
2. Remove slats (horizontal). To do this, unlock with a flat-head screwdriver to the right out of the catch.
3. Remove slats (vertical)

Mounting display



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

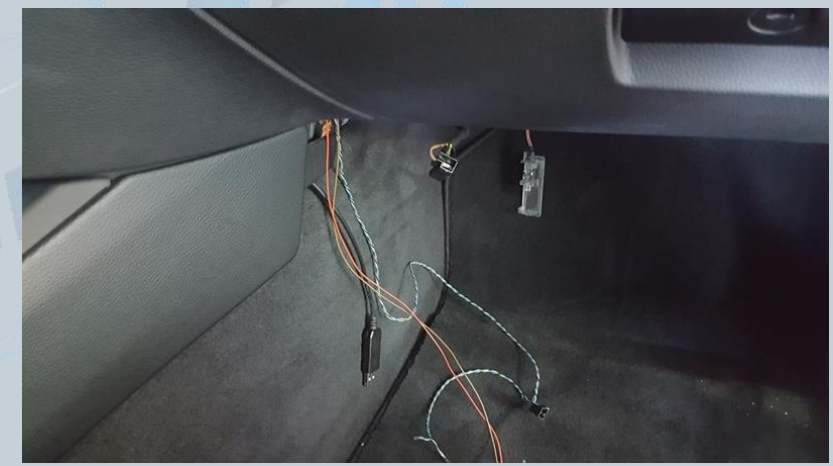
Mounting display



1. Drill slot for the cables. After mounting the display, fix the cables with a cable tie.
2. Connect display with plug and insert, left side first.
3. Insert the Dtc button again.

Mounting display

Remove the panel in the footwell on the passenger side. This is fastened with 2 Torx (T20) screws. Then carry out the cables accordingly.
For the variant with water injection, the display is only connected with a cable (deviating in the picture).



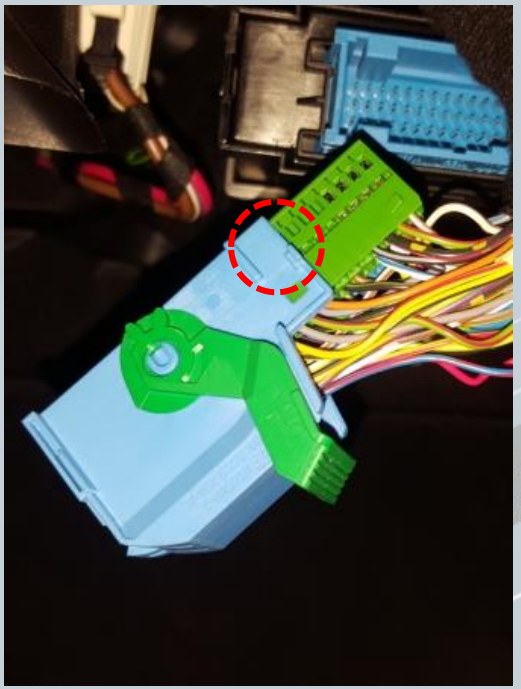
Connection of the display

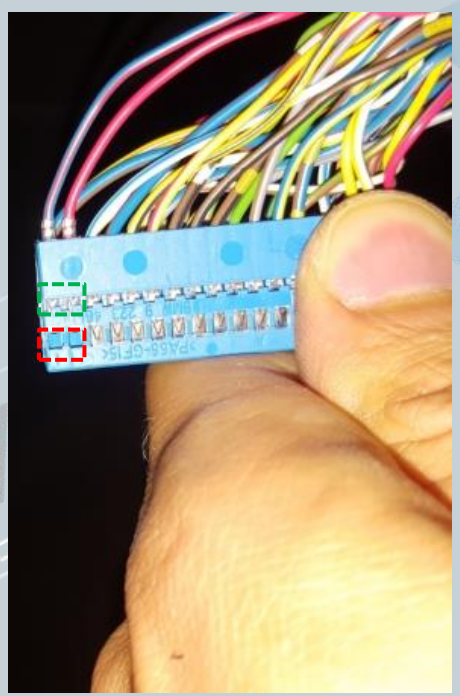
The junction box with blue and black plugs is under the glove compartment.
Please switch off the ignition and remove the key.

Pin	X14271 54-polig blau		Kabelfarbe
1	PT-CAN_HIGH	Blue/Red	Blau/Rot 0.35mm²
2	PT-CAN_LOW	Red	Rot 0.35mm²
Pin	**X14272** 54-polig schwarz		**Kabelfarbe**
1	Kl. 30G	Red/Yellow	Rot/Gelb 0.35mm²
6	MASSE	Brown	BRAUN 0.35mm²

Connection of the display

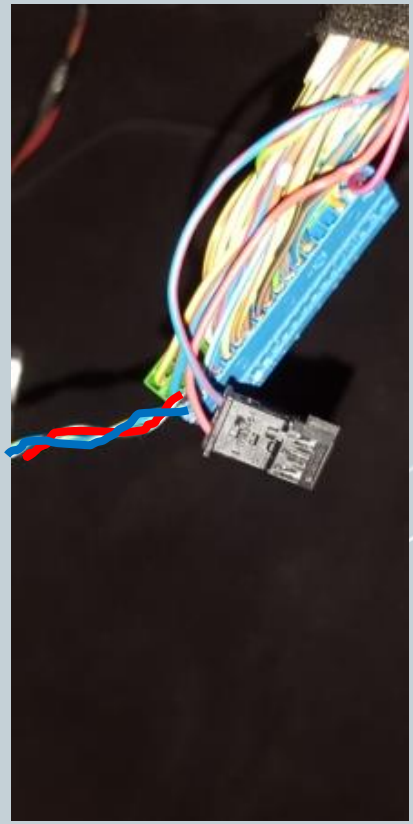
Unplug the blue connector and pull it out of the connector housing. The housing is locked in from both sides (marked in red).



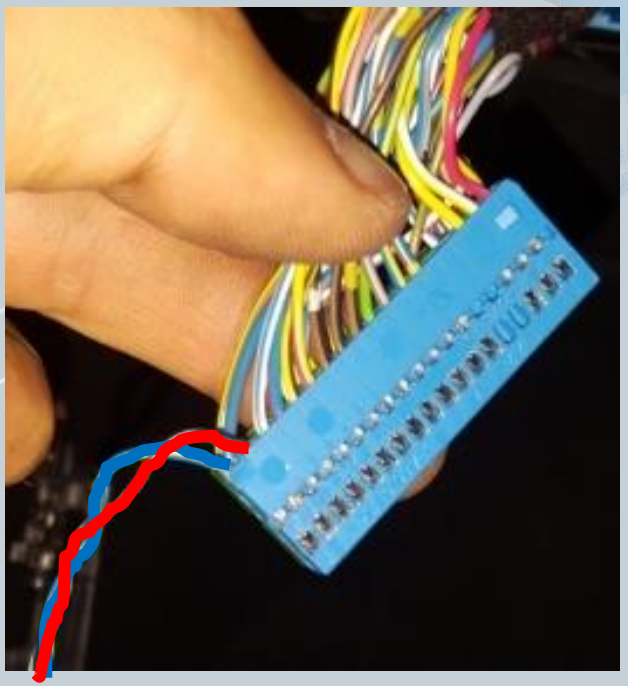


Disconnect the CAN cable (blue / red and red is twisted).
Blue / red = CAN-High
red = CAN low
Use a small flat-head screwdriver to press and pull on the side of the pins. Press first on the red marked area and pull out, then on the green area. Perform this procedure for each wire individually.

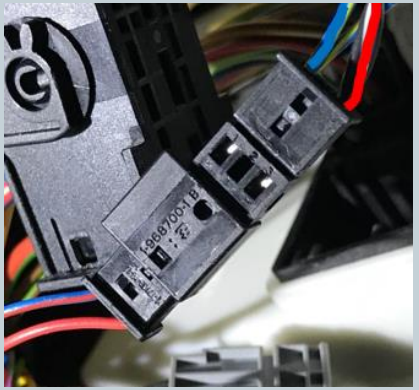
Connection of the display



Insert the pinned CAN cable into the supplied plug. Thereby "blue / red" on **pin_1** and "red" on **pin_3**. The numbering is marked on the plug.

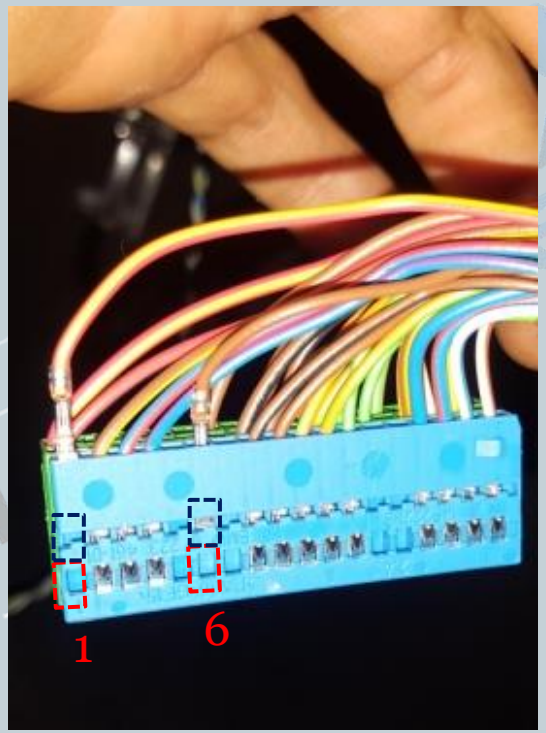


Connect the supplied CAN cable as shown in the picture.
Blue = CAN-High = Pin1
Red = CAN low = Pin2



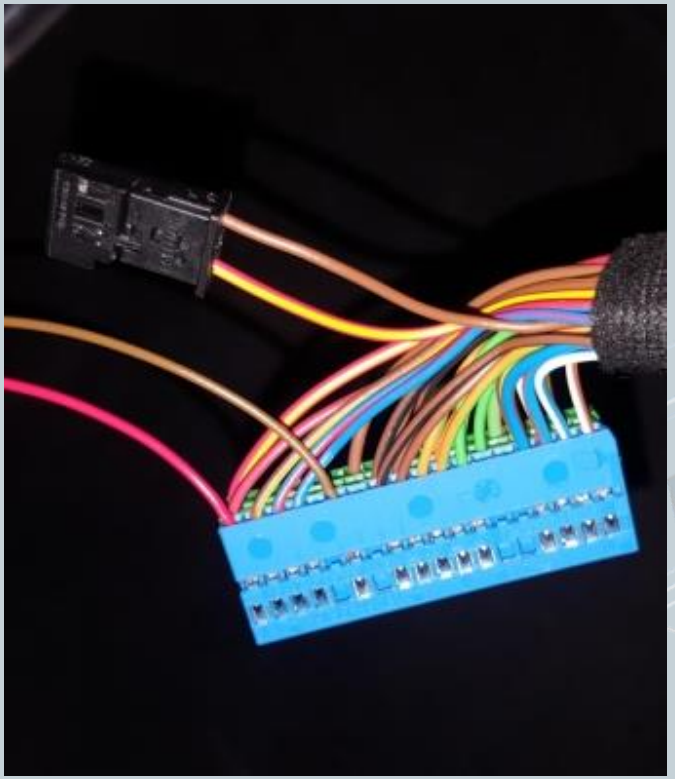
Connection of the display

First the connector housing of the black connector has to be removed. The locking mechanism works in a similar way to the connector for CAN communication.



Unpin the supply line (red/yellow and brown).
Red / yellow = + 12V
Brown = mass
Use a small flat-blade screwdriver to push and pull on the pins on the side. First press and pull out on the area marked in red, then on the green area. Carry out this process for each wire individually.

Connection of the display



Pin the unplugged supply cable into the plug supplied. Thereby "red/yellow" on pin_1 and "brown" on pin_3. The numbering is marked on the connector.
Pin the supplied supply line according to the picture.
Brown = mass -> brown
Red = + 12V -> red/yellow