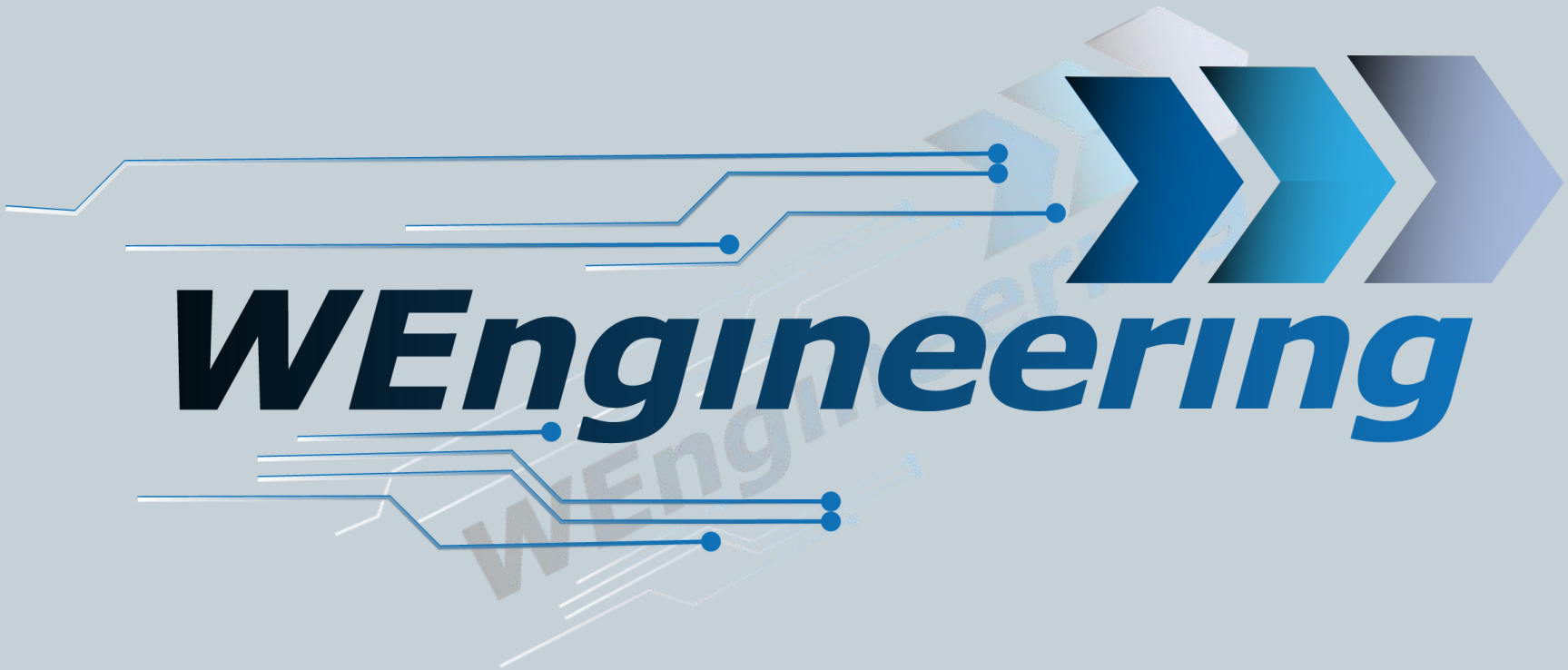

WEngineering

BMW
WEngineering
MODE
AUTO
MAX A/C
22.0°
22.0°
Servis zamanı geliyor

Dismantling the interior trim

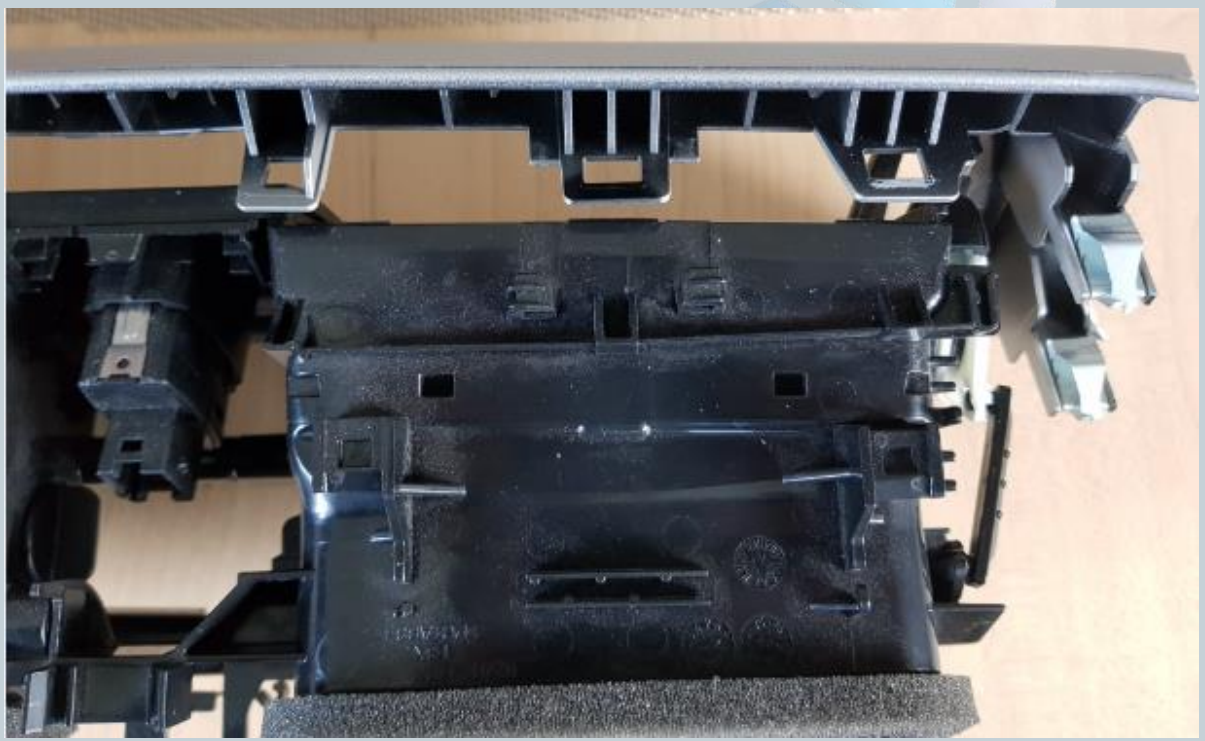
Carefully loosen the strip. Starting from the passenger side.

Dismantling the interior trim

Pay attention to the connectors.

Dismantling fresh air grill

Disconnect the ventilation unit from the interior trim. Starting with the top side.



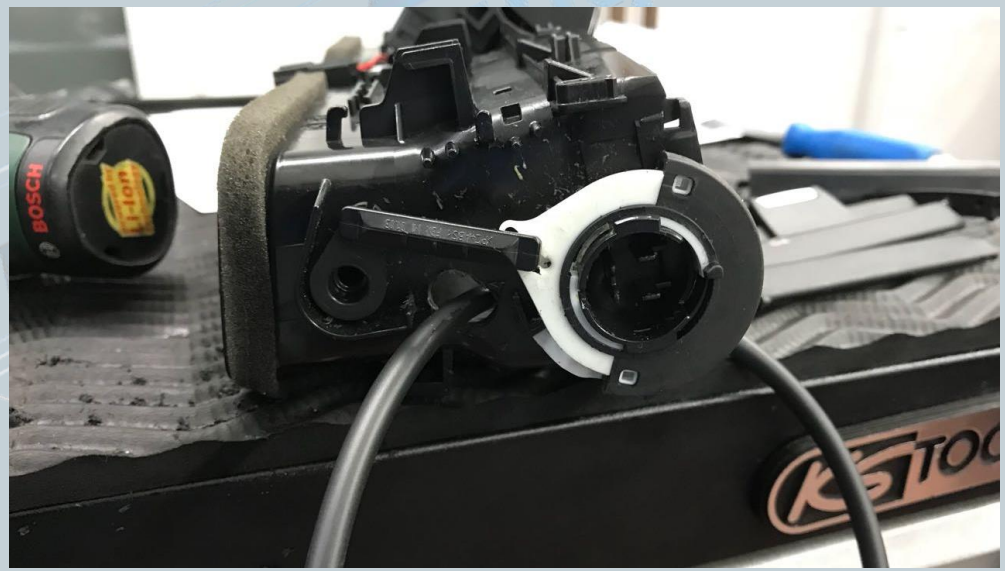
Mounting display

Remove all fins from the left ventilation unit and loosen the bracket clip.
The middle button of the ventilation unit does NOT need to be removed.

Mounting display

Turn the rotary control back until the air supply is completely interrupted.

Drill a big enough hole for the Connector gland.



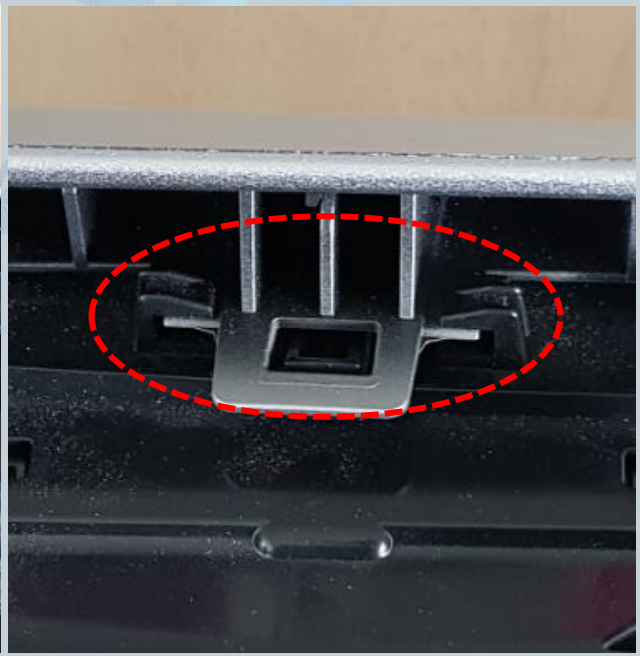
Mounting display

Connect the plug to the display,
position the clip on the left and place the display in the ventilation unit.
Insert the right side first.

Mounting display

Place the ventilation unit in the interior trim. The bottom side first.

Pay special attention to the position of the middle attachment points.



Connection of the Datadisplay

Loosen the panel under the glove compartment. This is fastened with two screws.

Connection of the Datadisplay

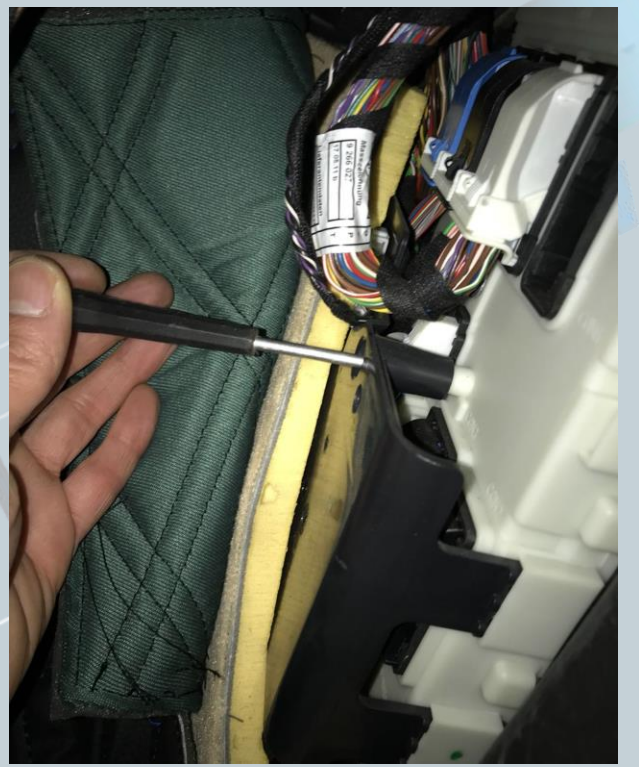
Loosen the two plugs.

Connection of the Datadisplay

Remove the door sill and the side panel.

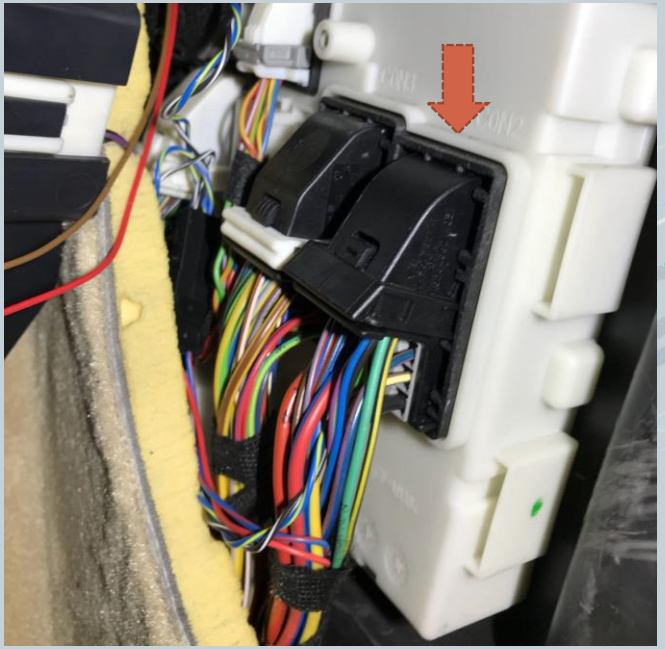
Connection of the Datadisplay

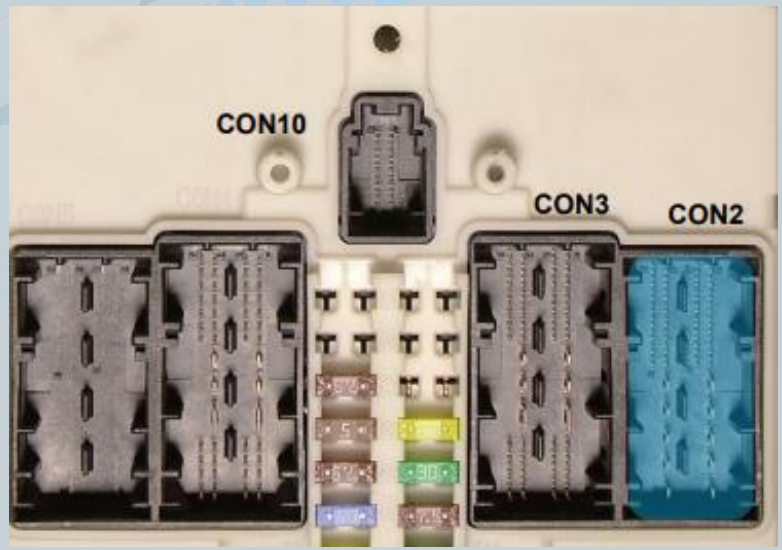
Remove side panel and loosen the cover (Torx T25).



Connection of the Datadisplay

Release the connector CON2. In doing so, fold the locking clip on the plug upwards.

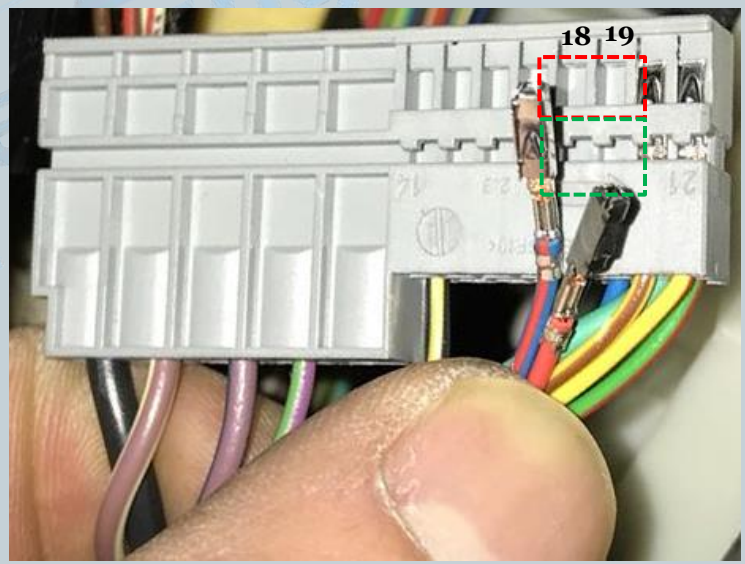




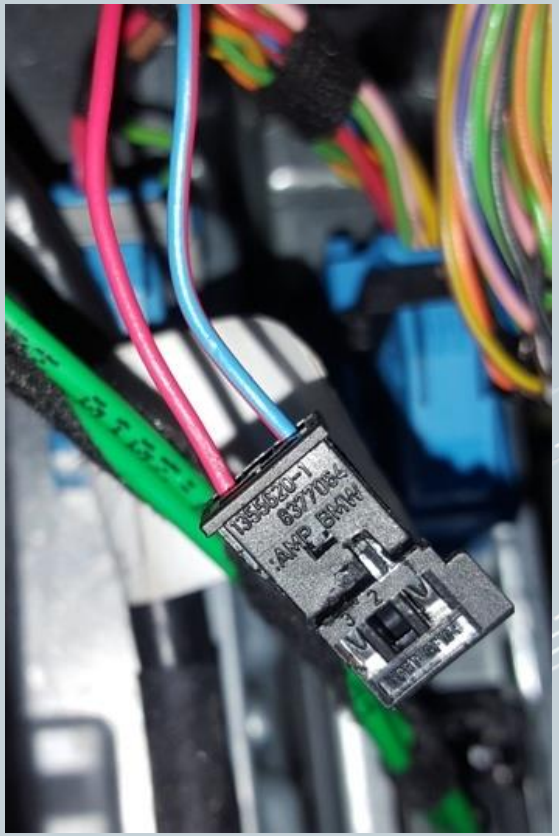
Connection of the Datadisplay

Pull the plug out of the housing plug. The housing is locked on both sides (marked in red).
Disconnect the CAN cable (blue / red and red is twisted).
Blue / red = CAN-High = pin 19
red = CAN low = pin 18

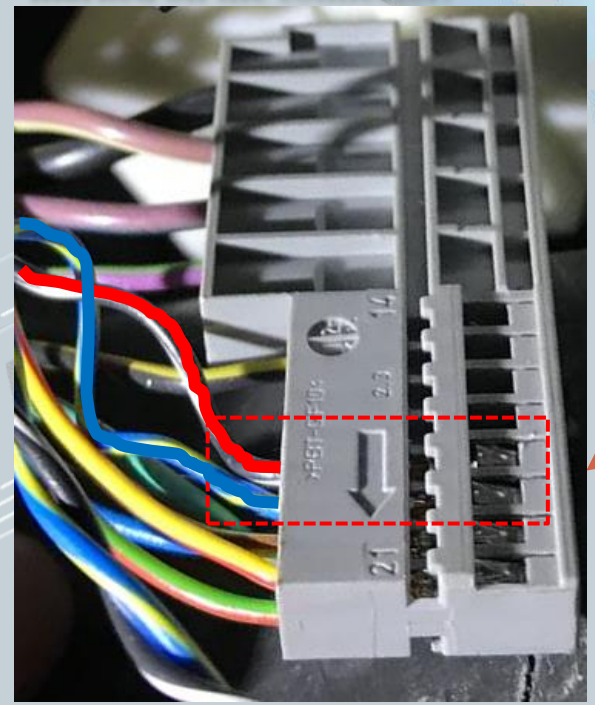
Use a small flat-head screwdriver to press and pull on the side of the pins. First press on the red marked area and pull out, then on the green area. Perform this procedure for each wire individually.



Connection of the Datadisplay



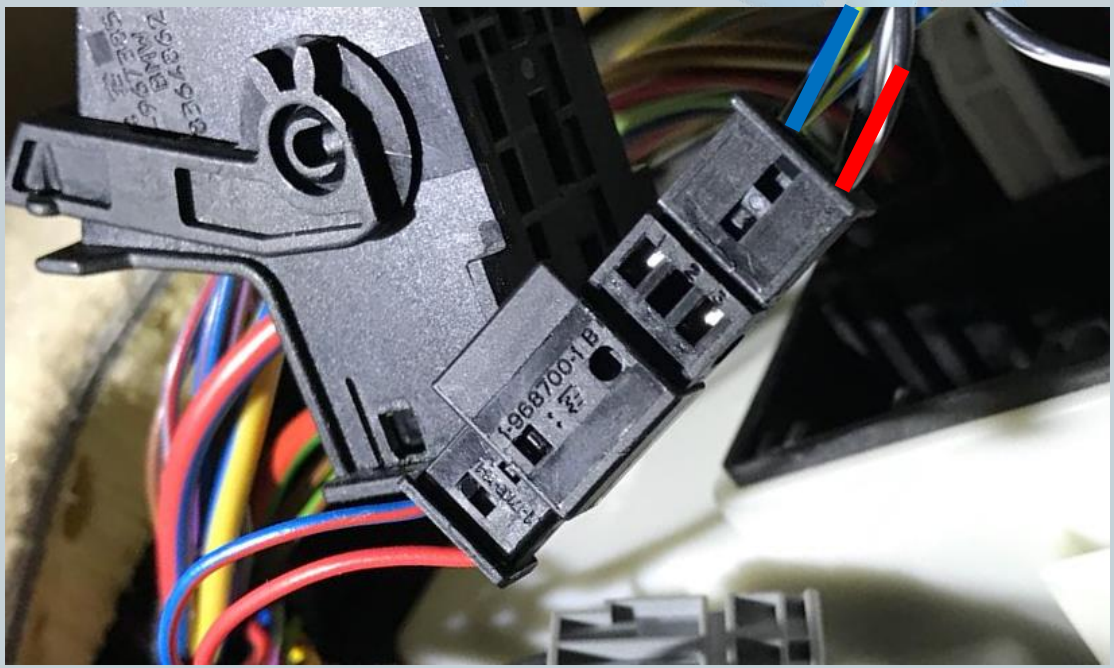
Pin the disconnected CAN line into the connector supplied. "Blue / red" on Pin_1 and "red" on Pin_3. The numbering is marked on the connector.



Pin in the supplied CAN line as shown in the picture.
Blue = CAN-High = Pin 19
Red = CAN-Low = Pin 18

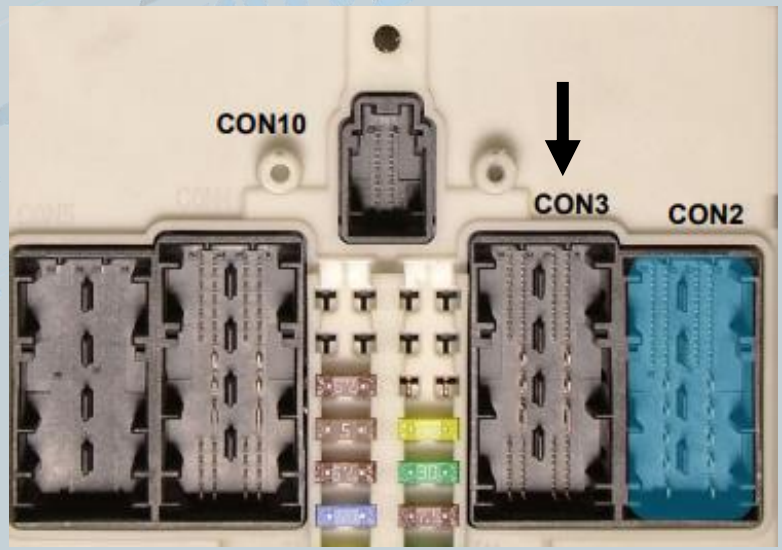
Connection of the Datadisplay

Plug the plugs together. The connector housing can be reassembled and finally reinserted into the controller.



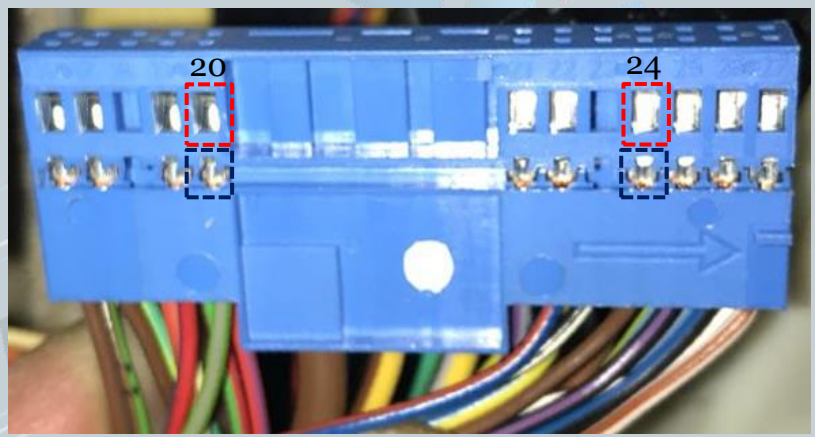
Connection of the Datadisplay

Release the connector CON2. In doing so, fold the locking clip on the plug upwards.



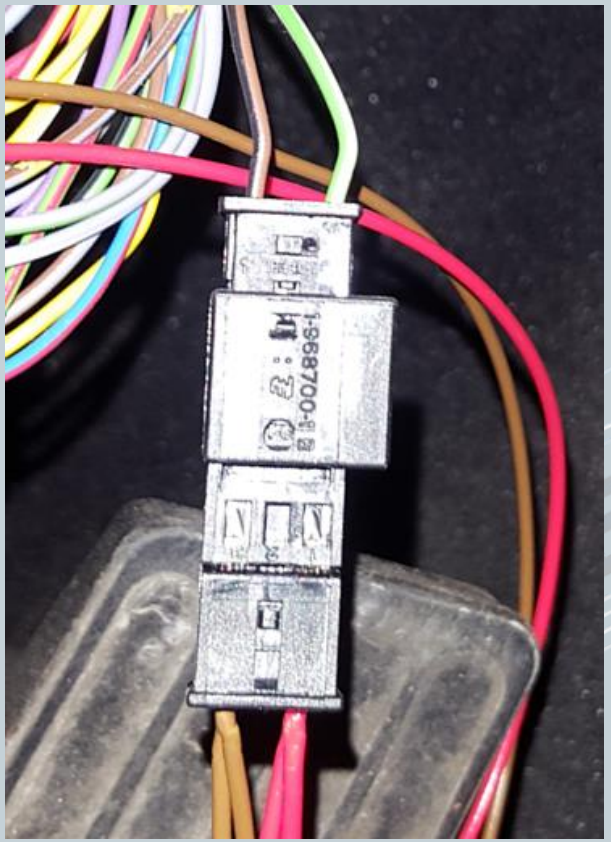
Connection of the Datadisplay

Pull the connector out of the connector housing. Unpin the supply line (black / brown and green / white).
Black / brown = ground = pin 24
Green / gray = + 12V = pin 20

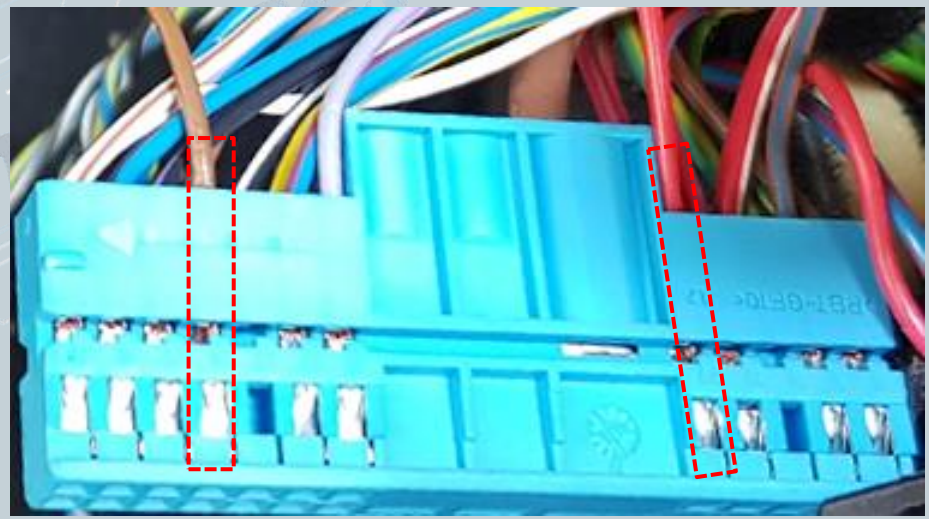


Use a small slotted screwdriver to press the side of the pins and pull. First press on the "red" marked area and pull out, then onto the "black" area. Carry out this process for each wire individually.

Connection of the Datadisplay



Pin the disconnected supply line into the connector supplied. "Green / white" on Pin_1 and "black / brown" on Pin_3. The numbering is marked on the connector.
Pin in the supplied supply line as shown in the picture.
Brown = ground = pin 24 -> black / brown
Red = + 12V = Pin 20 -> green / gray



Important!

After installing the data display, the diagnostics interface is permanently blocked. This means that no communication via OBD to the engine control unit is possible. Programs such as EDIABAS, ISTA, INPA report an error while establishing a connection. In order to release the diagnostics interface, only “Car Service” has to be set to "On" before starting the engine in the setup menu. To retain the setting even after a restart, the memory function must be performed. This is recommended before you visit the workshop. **Normal Datadisplay operation “Car service = Off”**

Adjust the display brightness

The display brightness is controlled centrally via the ambient lighting. For a perfect display brightness we recommend the following setting. In absolute darkness, turn the rotary control for the central lighting back until you will get a value between 25 and 37.