



WEngineering



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



Installation instructions data display

BMW 5 Series 6 Series Fxx

Version: V3.0

Date: October 1, 2025



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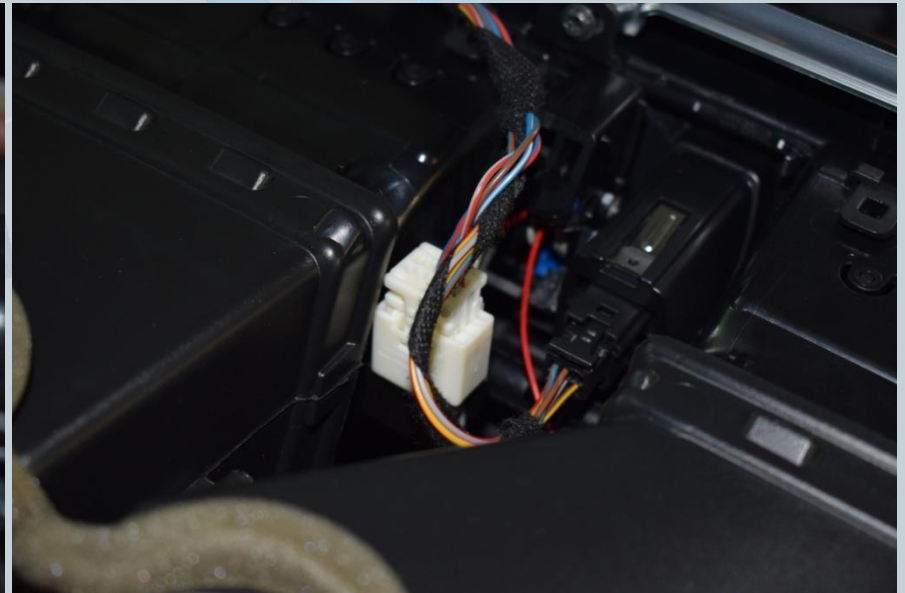
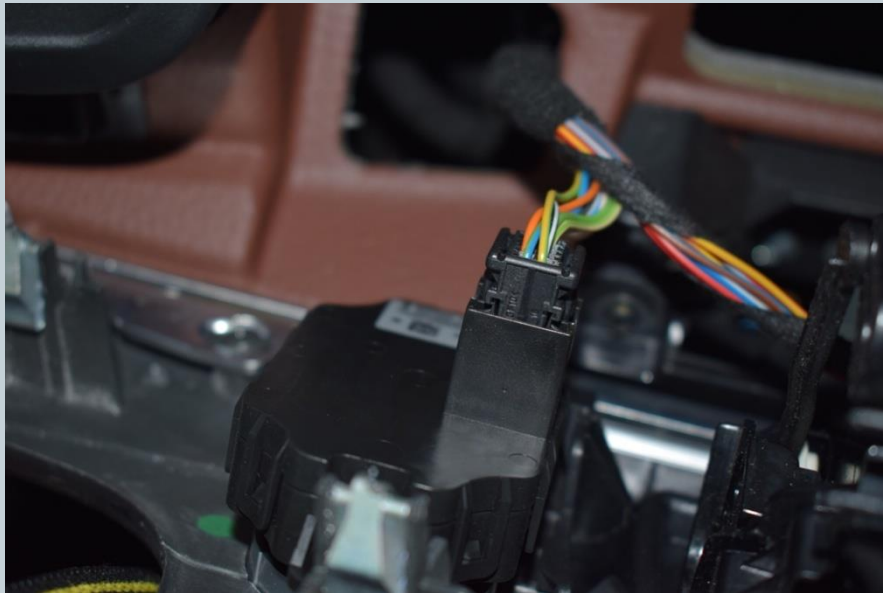
Removing the interior trim

Carefully loosen the trim, starting on the passenger side.



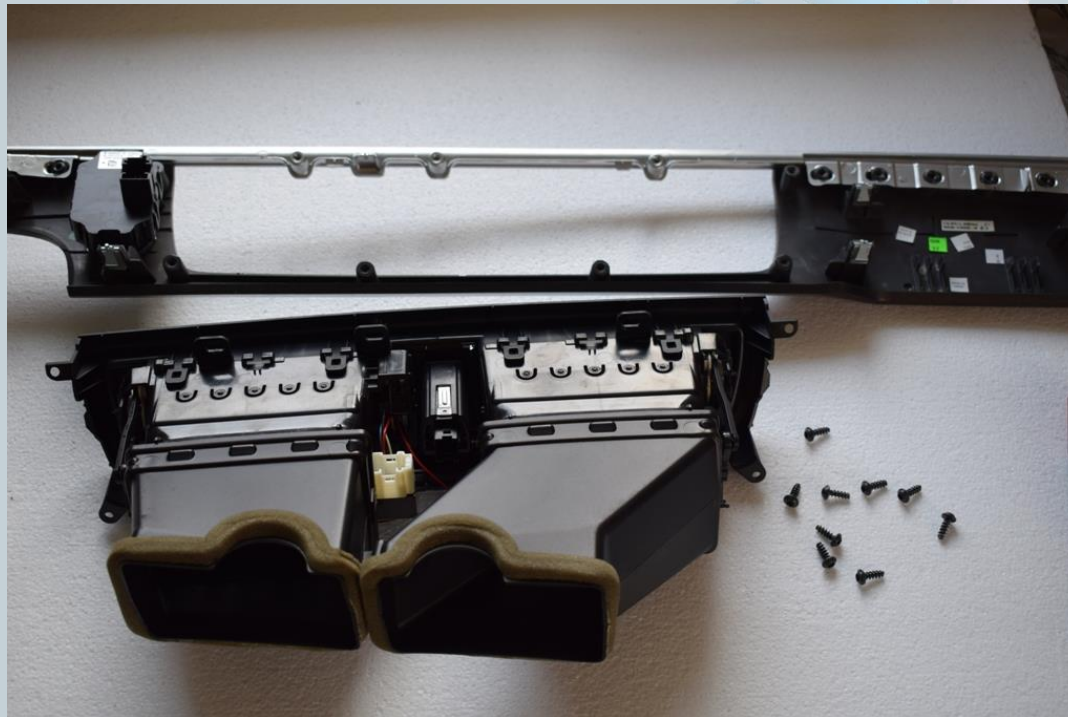
Removing the interior trim

Pay attention to the plug connections.



Removing the fresh air grille

Loosen the 9 Torx screws

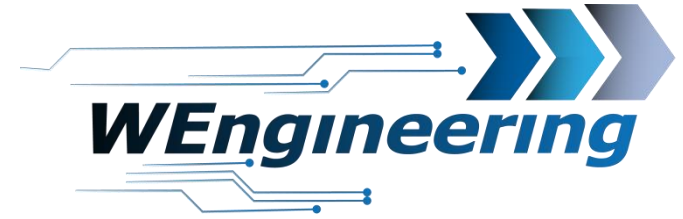


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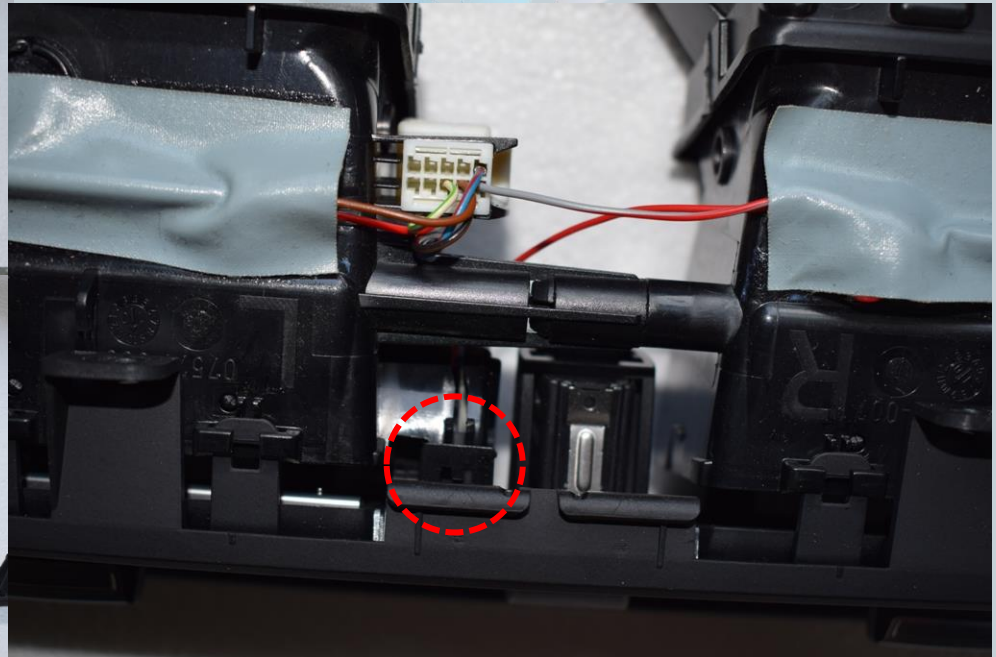
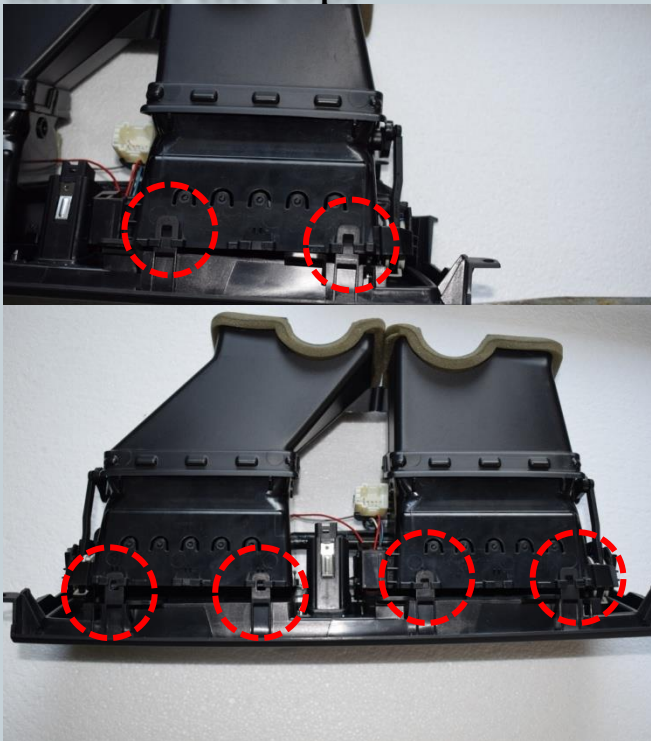
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Display installation

Release the latches on the underside, starting from right to left. Do the same on the top.

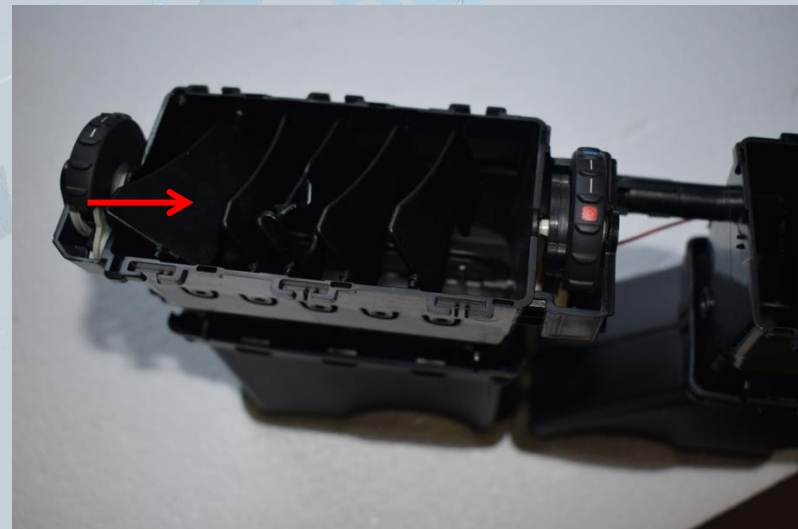


Display installation

Remove the grilles from the driver's side panel. These are only clipped in on the left.



Remove the grilles from the driver's side nozzle section. These are only clipped in at the bottom.

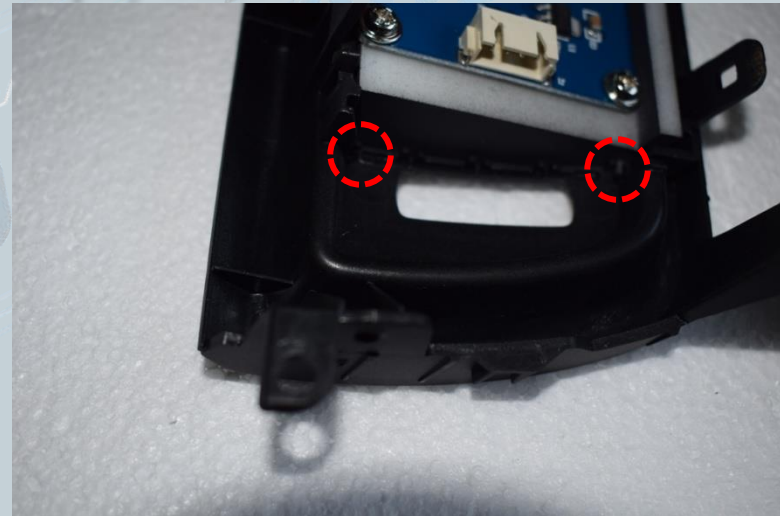


Display assembly

First, insert the right-hand part as far as it will go. Make sure that all 5 pins line up with the holes.



Now the left side can be carefully snapped into place. Make sure that none of the pins for fastening are broken off and that there is no tension in the display frame.

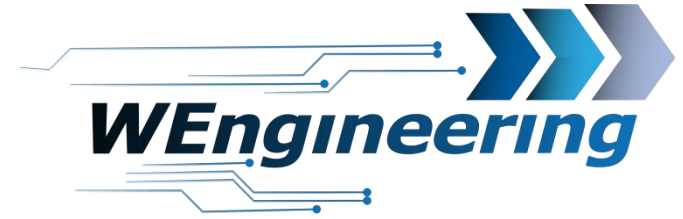


Data display installation instructions

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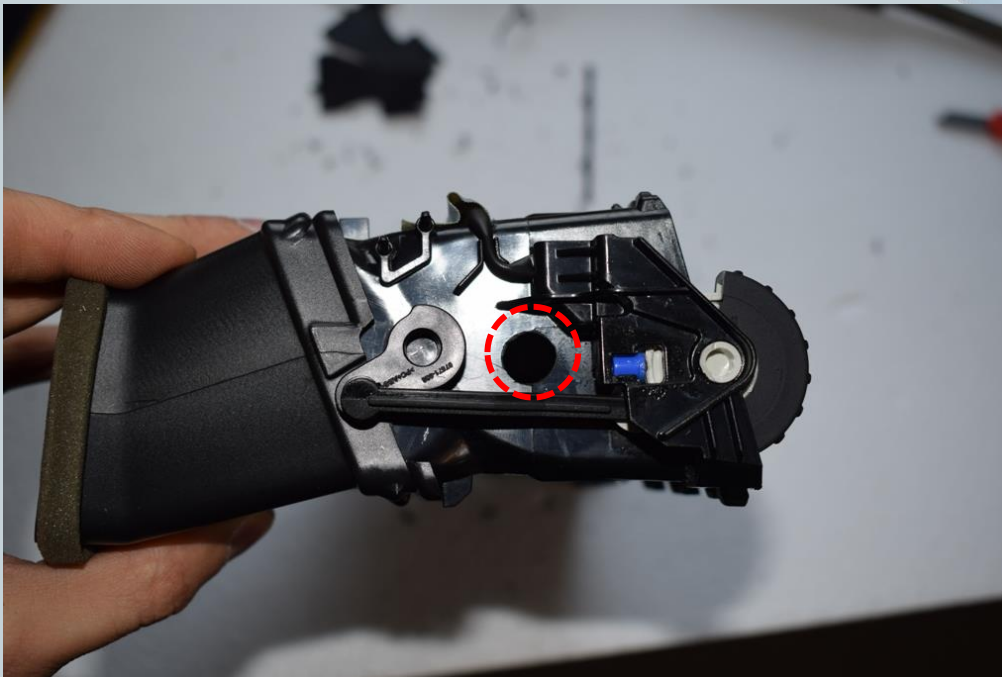
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Display installation

A hole must be drilled in the nozzle parts for the display cable. The hole should be large enough for the display connector to fit through.



TIP: Secure the cable from the inside using cable ties to provide strain relief.

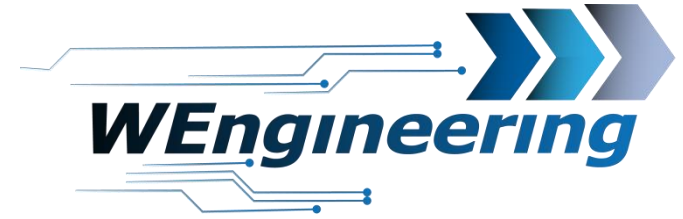


Installation instructions data display

BMW 5 Series 6 Series Fxx

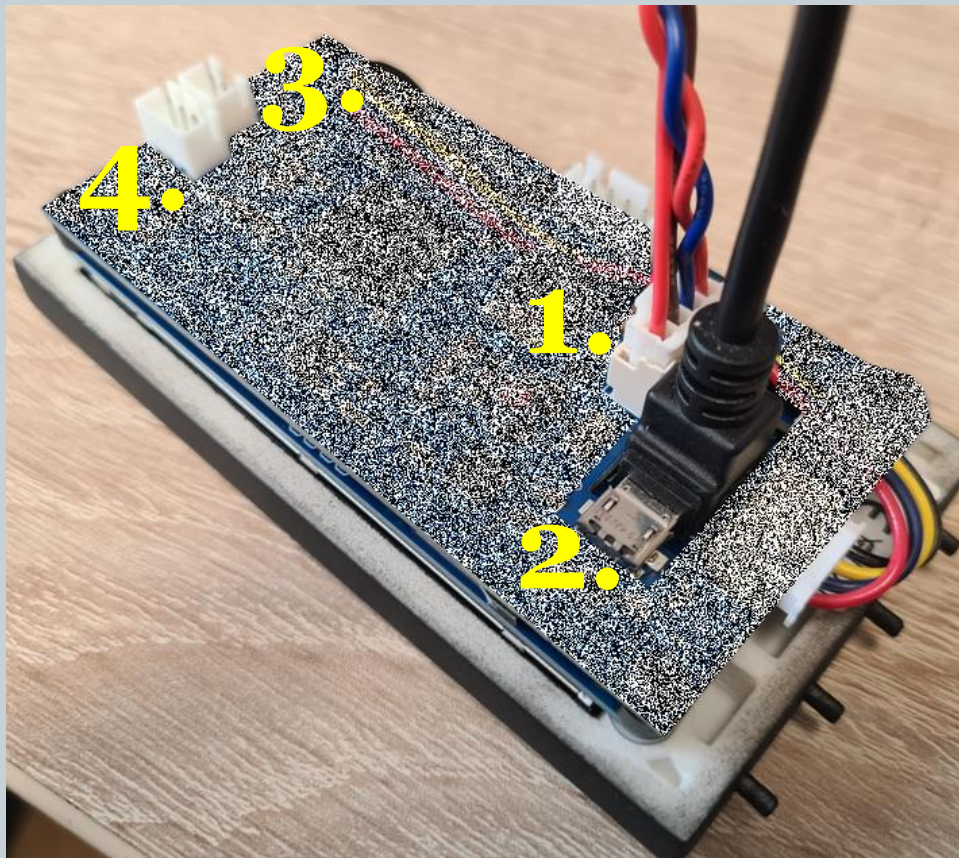
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Display installation



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

Data display installation instructions

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Display installation

Now everything can be assembled. When assembling, make sure that all adjustment elements are in the correct position. **The fresh air flap must remain closed.** Leave the cable protruding from the footwell on the driver's side.



The interior trim strip can be clipped back into place. Start from left to right. Make sure it is in the correct position.

Connecting the data display

Loosen one screw on the right-hand side of the carpet strip and unclip the strip. The floor covering is secured with two screws (red arrows). Loosen the screws and pull the covering downwards. Disconnect the OBD plug and the speaker.



Loosen the 2 screws on the storage compartment and pull out the compartment.

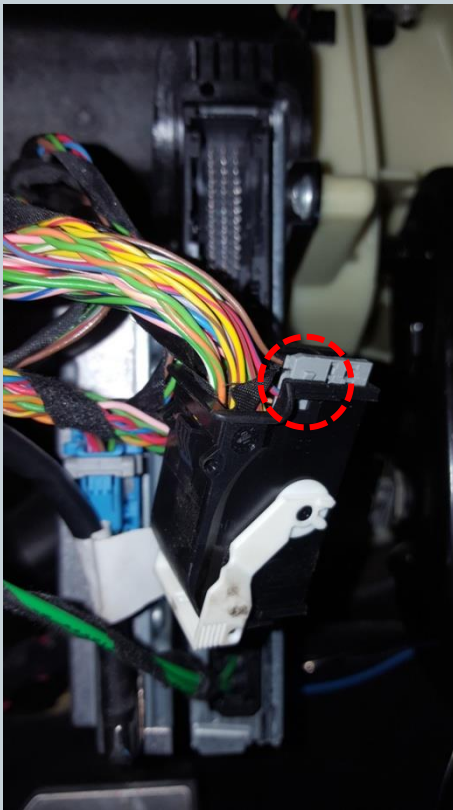
Installation instructions data display

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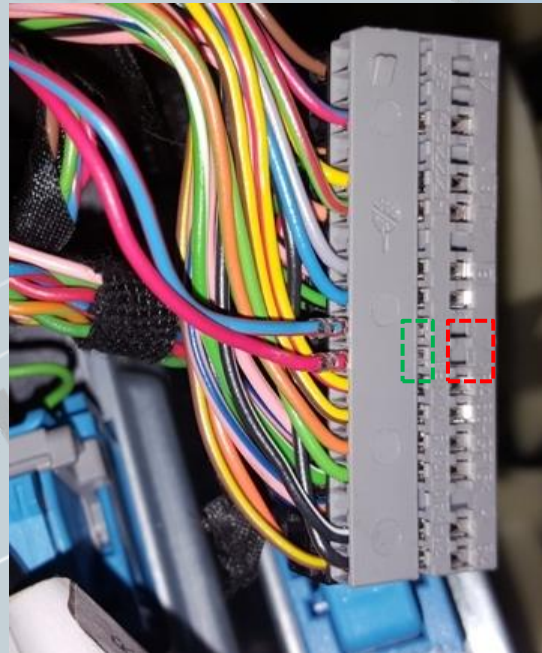
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Connecting the data display



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



Unpin the CAN cable (blue/red and red are **twisted together**).

Blue/red = CAN high

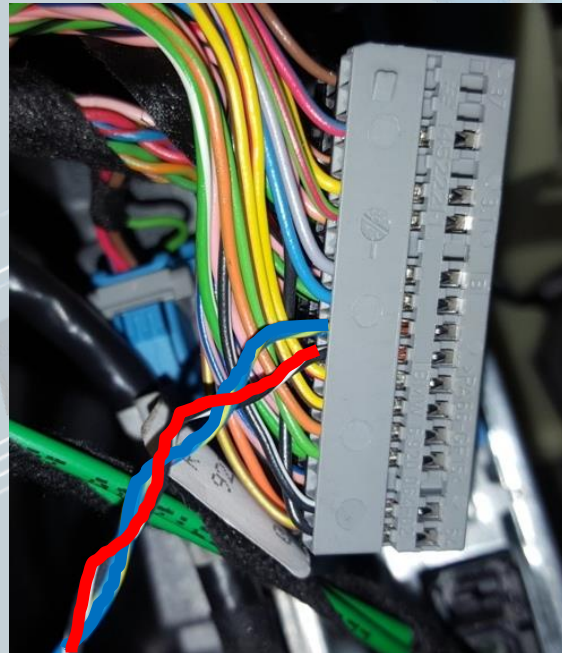
Red = CAN low

Use a small flathead screwdriver to press on the sides of the pins and pull. First press on the area marked in red and pull out, then on the green area. Repeat this process for each wire individually.

Connecting the data display



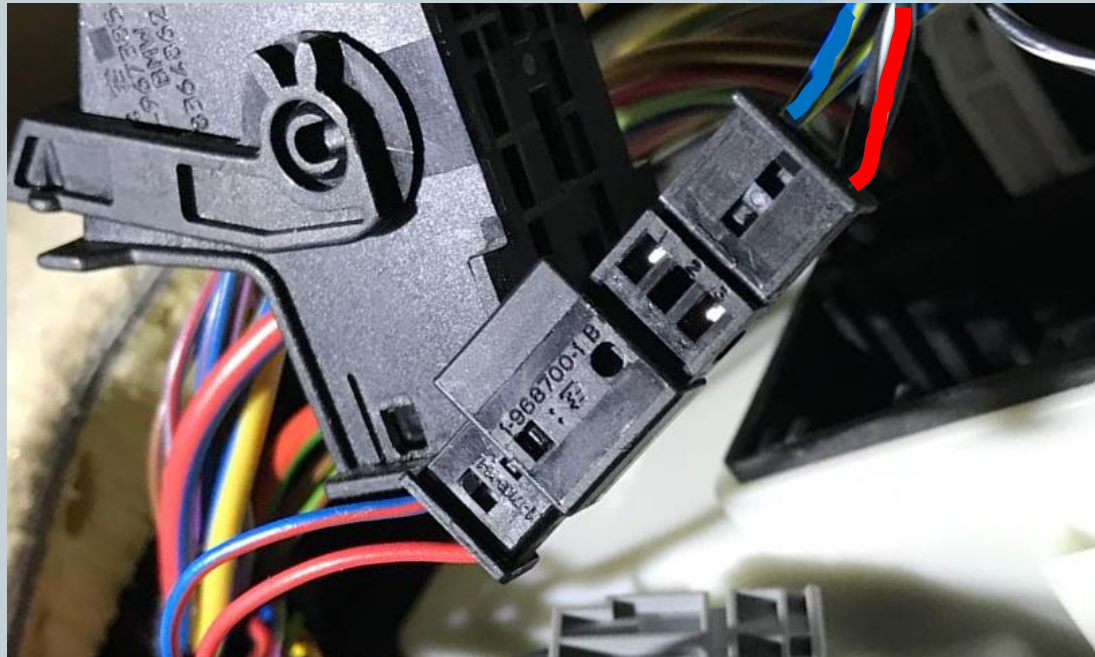
Plug the unpinned CAN cable into the connector supplied. Connect "blue/red" to **pin_1** and "red" to **pin_3**. The numbering is marked on the connector.



Pin the supplied CAN cable as shown in the picture.
Blue = CAN high
Red = CAN-Low

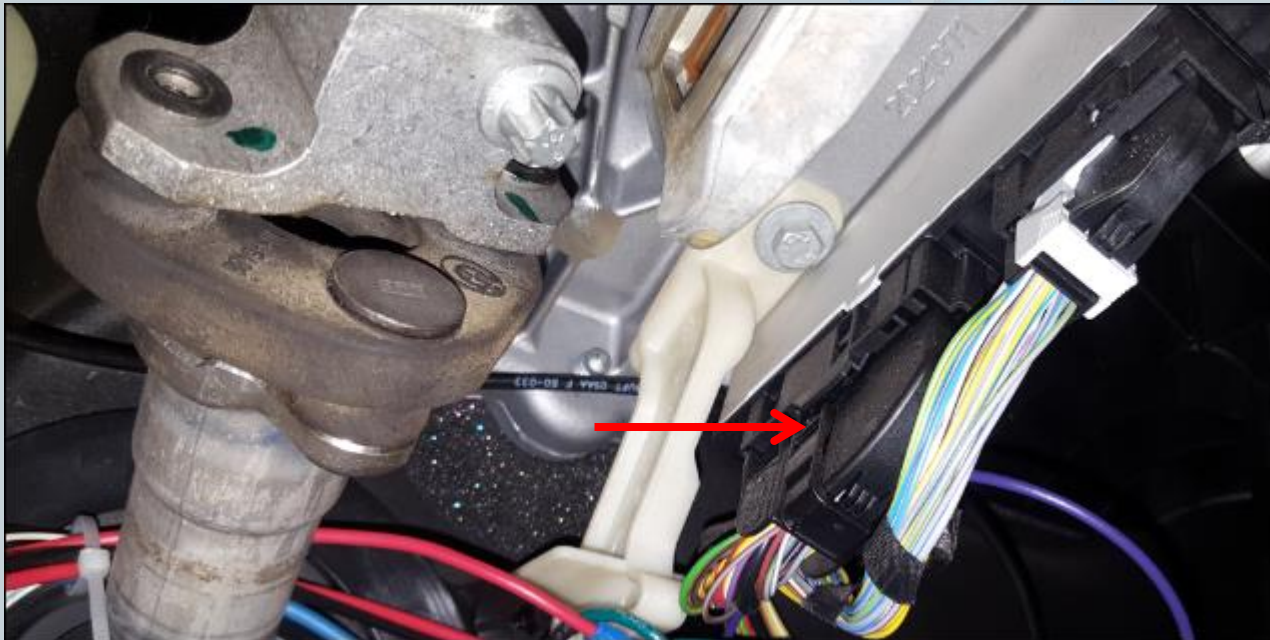
Connecting the data display

Connect the plugs (marked red). The plug housing can be refitted and finally plugged back into the control unit.



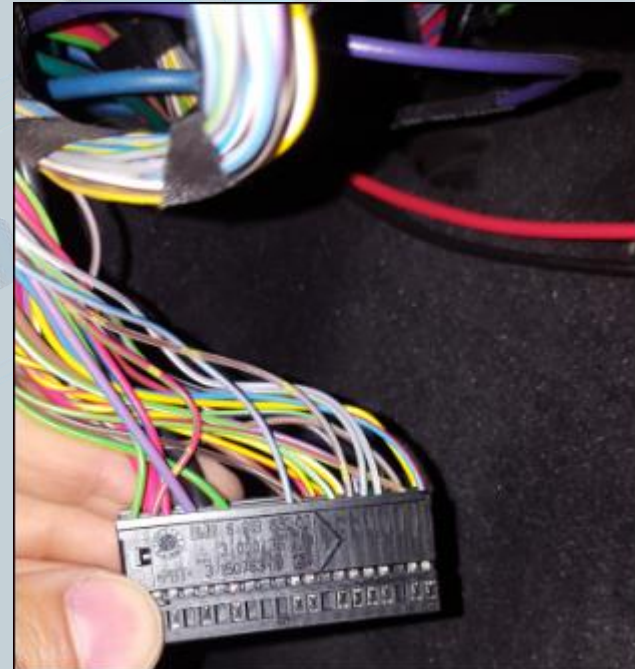
Connecting the data display

The power supply (ignition plus) for the data display is tapped from the control unit to the right of the steering column. The large plug should be disconnected.



Connecting the data display

First, the connector housing must be removed. The snap-in mechanism works similarly to the connector for CAN communication.

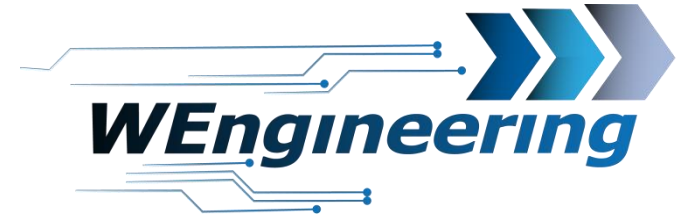


Installation instructions data display

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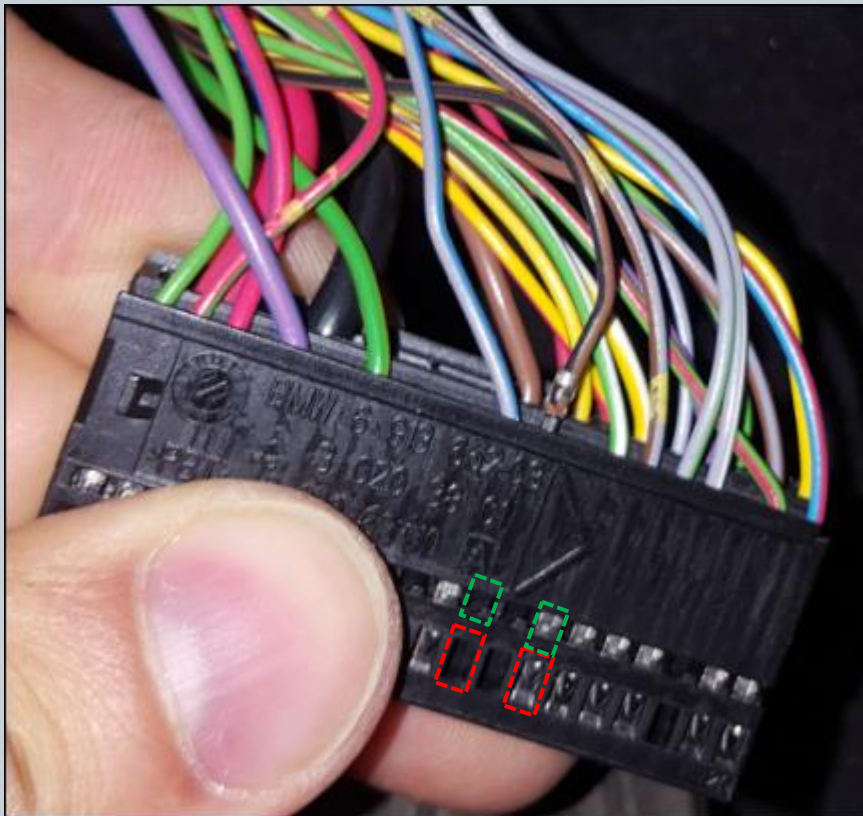
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Connecting the data display



Spin out the supply cable (black/brown and green/white).

Black/brown = ground

Green/white = +12V

Use a small flathead screwdriver to press on the sides of the pins and pull. First press on the area marked in red and pull out, then press on the green area. Repeat this process for each wire individually.

Installation instructions data display

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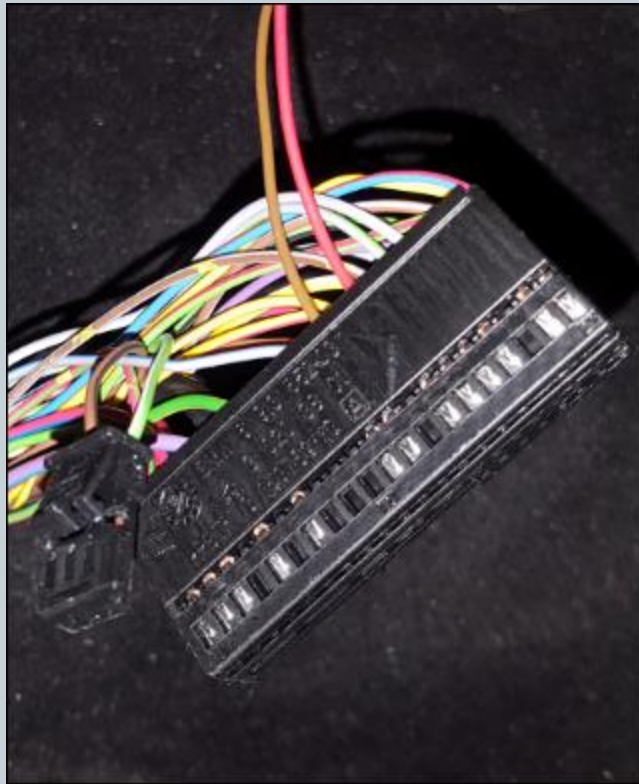
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Connecting the data display



Plug the stripped supply cable into the connector supplied. Connect "green/white" to **pin_1** and "black/brown" to **pin_3**. The numbering is marked on the connector. Pin the supplied power cable as shown in the picture. Brown = ground -> black/brown
Red = +12V -> green/white

