

Vehicdata Data Display Installation Instructions Bmw E9x

Important Safety Instructions – Please Read Before Installation!

Disconnect Battery: Before beginning any work, it is mandatory to disconnect the negative terminal of the vehicle battery to prevent short circuits and damage to the vehicle's electronics.

Only by Qualified Personnel: The installation must be carried out exclusively by qualified personnel with proven knowledge of automotive electrics.

Disclaimer: No liability is assumed for damages of any kind resulting from improper installation, non-observance of these instructions, or modifications to the product. The installation is carried out entirely at your own risk and responsibility.

Technical Data

Voltage Range 7 – 28V

Power Consumption 12V 1 W

1.75 Kapazitives Touch OLED Display 466x466

Operating Voltage 5V

Tools

Drill

Plastic wedge (optional)

Ratchet (socket wrench) 8mm

Flathead screwdriver

Small flathead screwdriver or paper clip (for repinning)

REMOVAL

1. Remove the interior trim as well as the start button and hazard light switch.



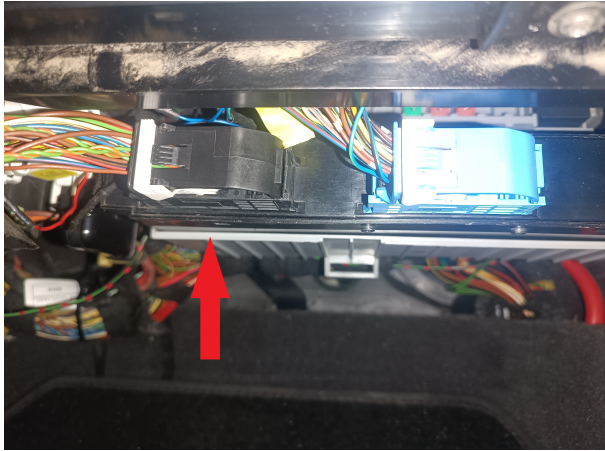
2. Cable Routing

Now route the cable down into the passenger footwell. There you will find a cover under the glove compartment, which is held in place by two Torx screws. Loosen these two screws and remove the cover.



3. Connecting the Control Box

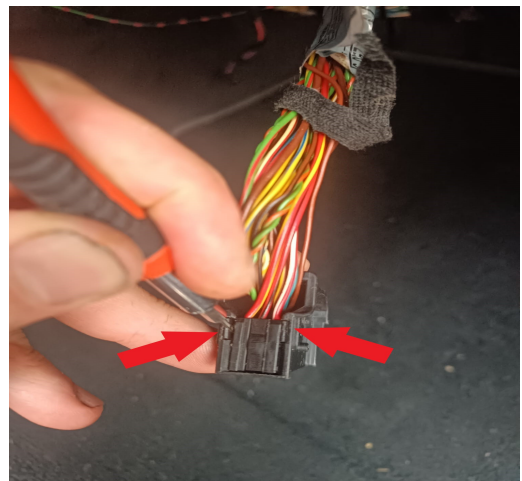
In the passenger footwell, you will find the Junction Box Module.



Part 1: Remove and Open the Original Connector

Unplug the Connector: Carefully pull the large, black connector from the Junction Box.

Open the Connector Housing: To get to the wires (pins), you must open the connector's housing. To do this, press the two side walls of the housing slightly outwards to release the lock and expose the inner components.



Part 2: Removing Wires from the Original Connector (De-pinning)

Tool Tip: A small, pointed tool (e.g., a de-pinning tool or a needle) is required for this step.

Identify the Pins

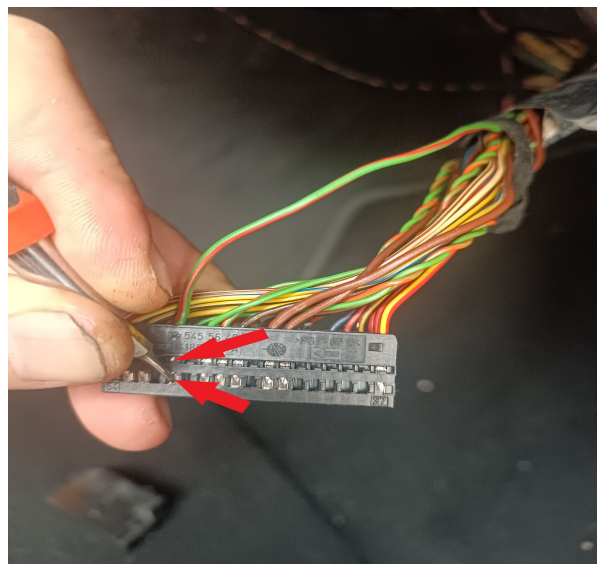
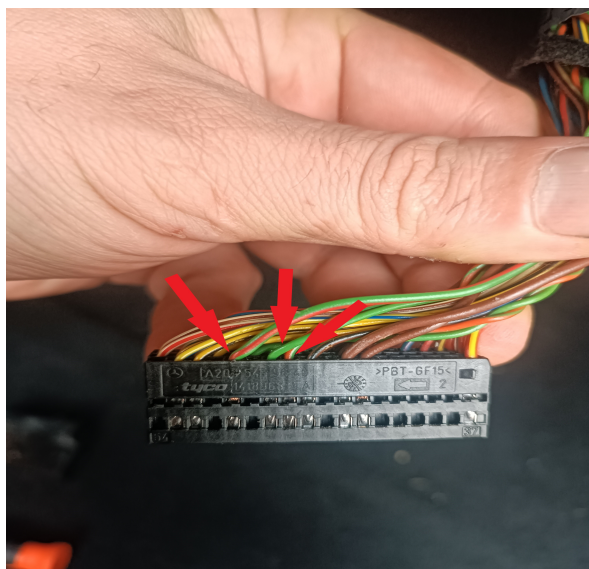
You need to remove the following four wires from the connector:

- **Pin 47:** green/orange wire
- **Pin 48:** green wire
- **Pin 50:** green/red wire
- **Pin 6:** brown wire

Unlock and Pull the Pins

Each pin is secured with a small tab.

1. First, carefully press the small release tab on the pin downwards.
2. Then, gently pull the wire, along with its pin, out from the back of the connector.
3. Repeat this process for all four of the wires mentioned above.

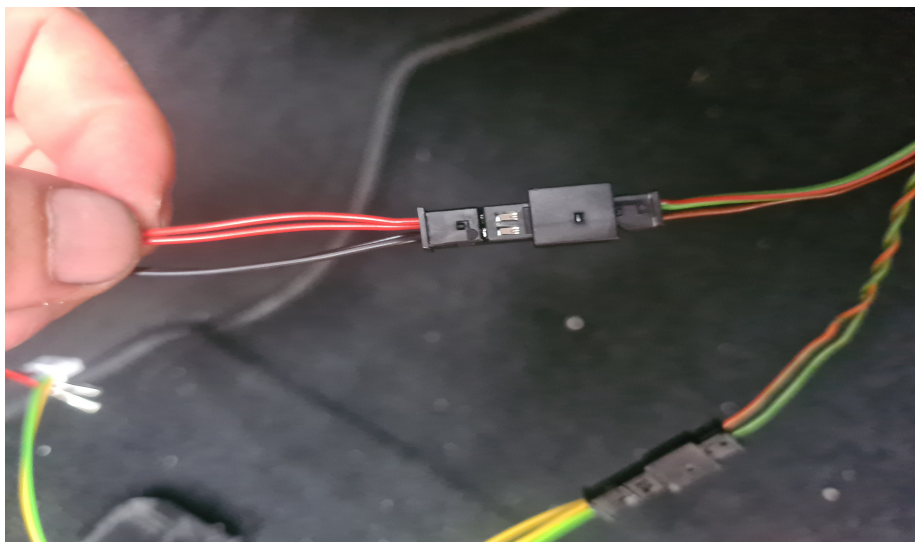
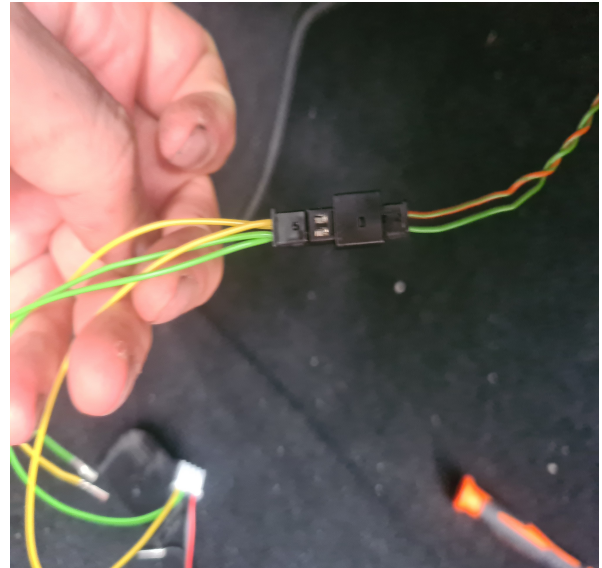
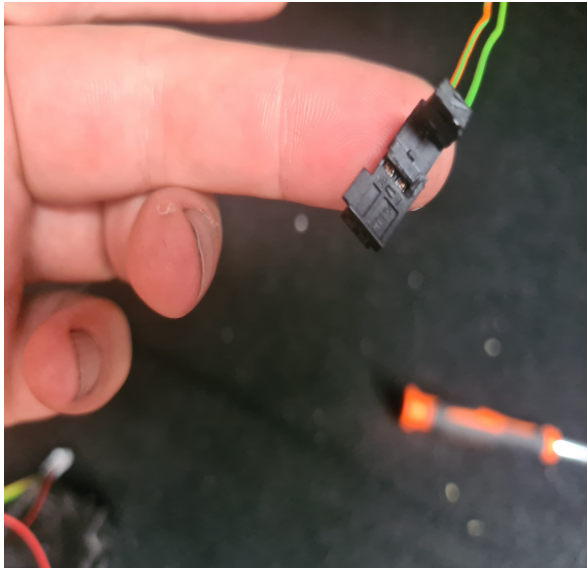


Part 3: Inserting the Removed Wires into the NEW Connector

Correctly Match and Pin the Wires

Now, insert the original wires that you just removed into the new connector. Pay **exact attention** to matching the correct color combination between the old wire and the new wiring harness.

Original wire (the one you removed)	Is connected to	New wire on on the supplied connector
Green/Orange (from Pin 47)	➔	Yellow Wire
Green (Pin from 48)	➔	Green Wire
Green/Red (from Pin 50)	➔	Red Wire
Brown (from Pin 6)	➔	Black Wire



Part 4: Inserting New Wires into the Original Connector

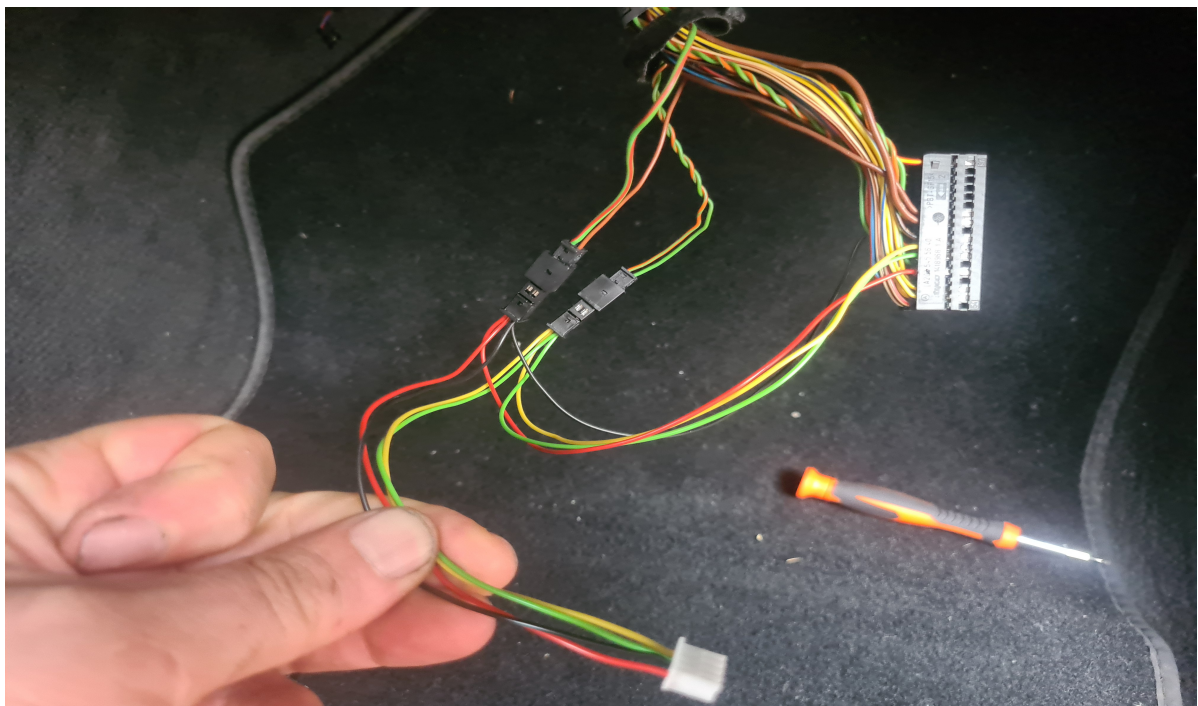
Prepare the New Pins

From the supplied wiring harness, you should now have four wires (**red**, **brown**, **yellow**, and **green**) with new pins remaining. These must now be inserted into the empty slots of the **original connector**.

Pin the New Wires Correctly

Insert the new wires into the empty slots from which you previously removed the old wires. If a wire is difficult to insert, use a needle to help guide it in.

New Wire	must be inserted into the slot	
Yellow Wire	➔	47
Green Wire	➔	48
Red Wire	➔	50
Black Wire	➔	6



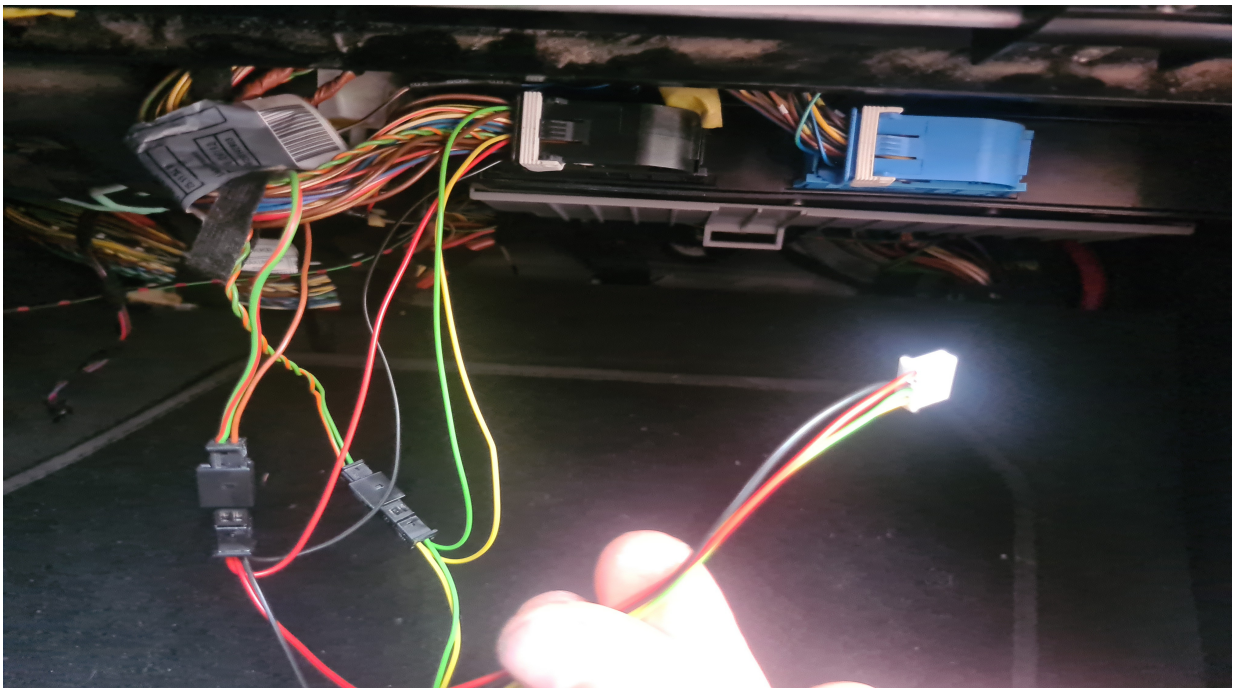
Part 5: Final Steps

Reassemble the Original Connector

Place the inner components of the original connector back into its housing until it clicks securely into place.

Connect the Connector

Plug the large, black original connector firmly back into its port on the Junction Box.



Connecting the Control Box:

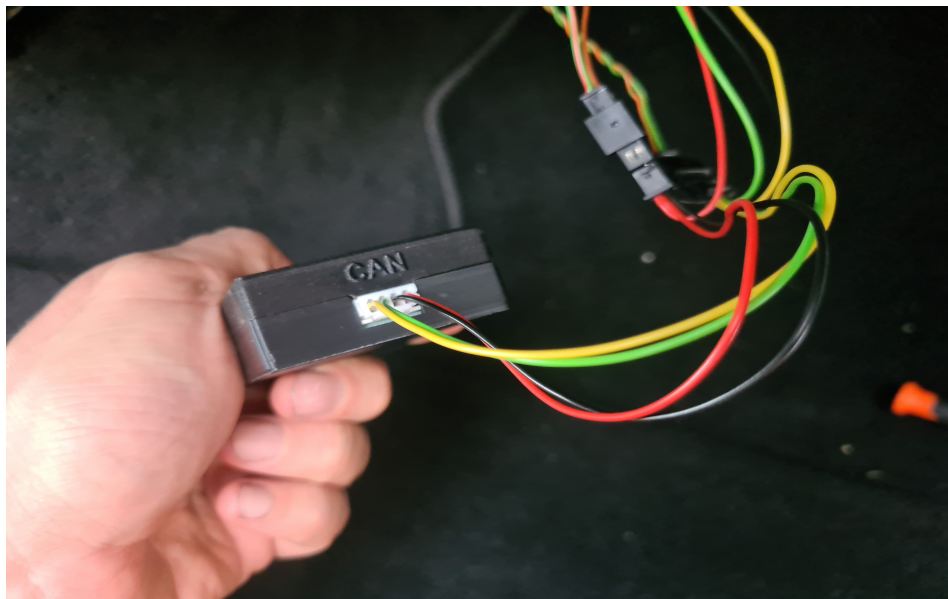
Step 1: Prepare the Control Box

1. Take the **control box**. .
2. On the box, you will find two ports: **CAN side** and **LCD side**.

Step 2: Connect the Main Cable

1. Take the connector with the four wires that you worked on previously.
2. Plug this connector into the port labeled **CAN side** on the control box.

WARNING: Do not confuse this with the LCD side under any circumstances!
An incorrect connection can damage the electronics.



Step 3: Drill a Hole for the Display Cable

1. Before connecting the display, you need to drill a small hole.
2. Choose a suitable, centered location for the hole so the cable can be easily routed to the display later.
3. The hole must be large enough for the connector on the supplied cable to pass through.



Step 4: Connect the Data Display

1. Take the supplied cable.
2. Plug one end into the **LCD side** of the control box.
3. Route the other end of the cable through the hole you just drilled to the installation location of the data display.
4. On the back of the data display, you will also find a port labeled **LCD**. Plug the cable in here.

Step 5: Reassembly

1. Check that all connectors are seated firmly.
2. Now, reassemble all parts in the reverse order of how you initially removed them.

Finished! ✓