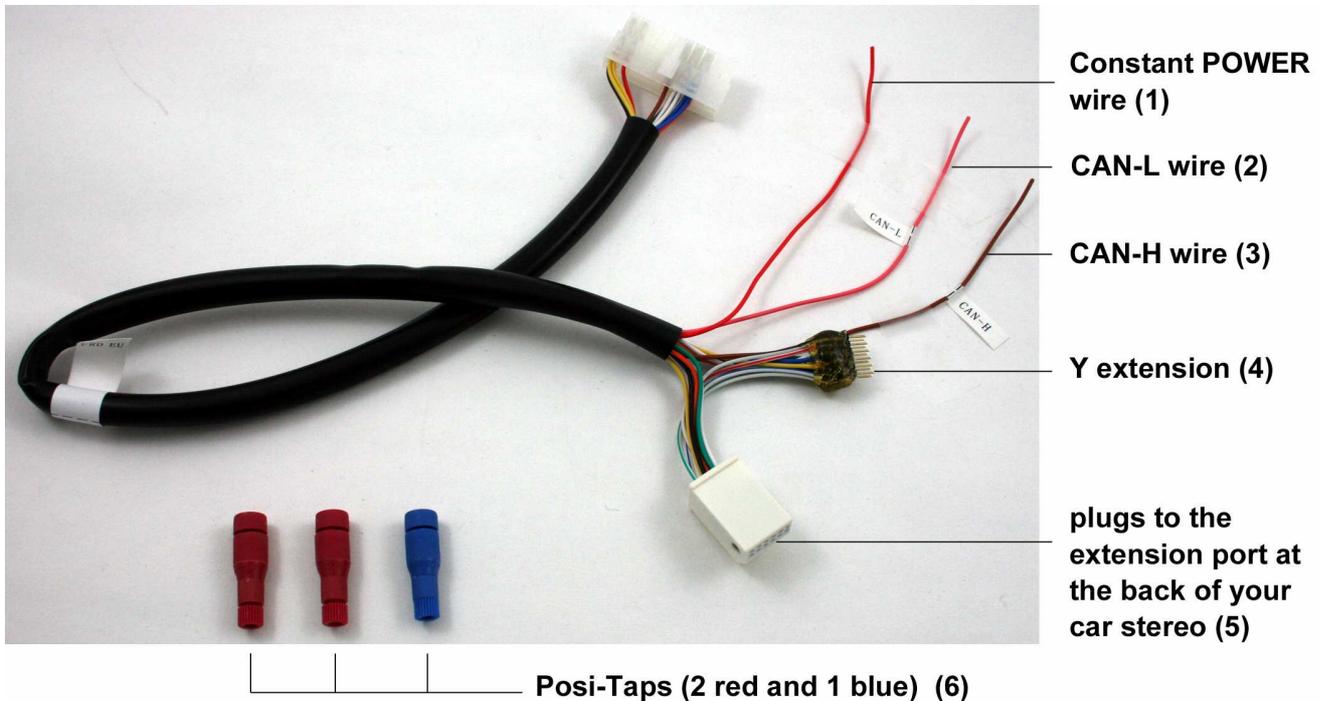


## GROM Interface Installation into FORD EU using FRD EU vehicle specific harness and posi-tap clips



Picture 1: FRD EU vehicle specific harness and posi-tap clips

### ***Tools needed***

1. The wire crimp tool
2. Panel trim removal tool (optional)
3. Philips screwdriver

### ***Important compatibility notes***

GROM adapter for Ford EU uses extension port of your car stereo. You will lose the use of the external factory CD changer to gain the use of your USB, iPod or MP3.

### ***Preparation***

1. It is recommended to disconnect the car battery before performing the installation. Turn off the car engine and remove the key from the ignition.

**(!)** Please have **Radio Security Code** available as you will need it to reactivate the radio if you decide to disconnect the car battery.

2. While using the stereo removal tools carefully remove the radio from the dash (see the video guides at <http://gromaudio.com/installs/index.html>)

**Installation**

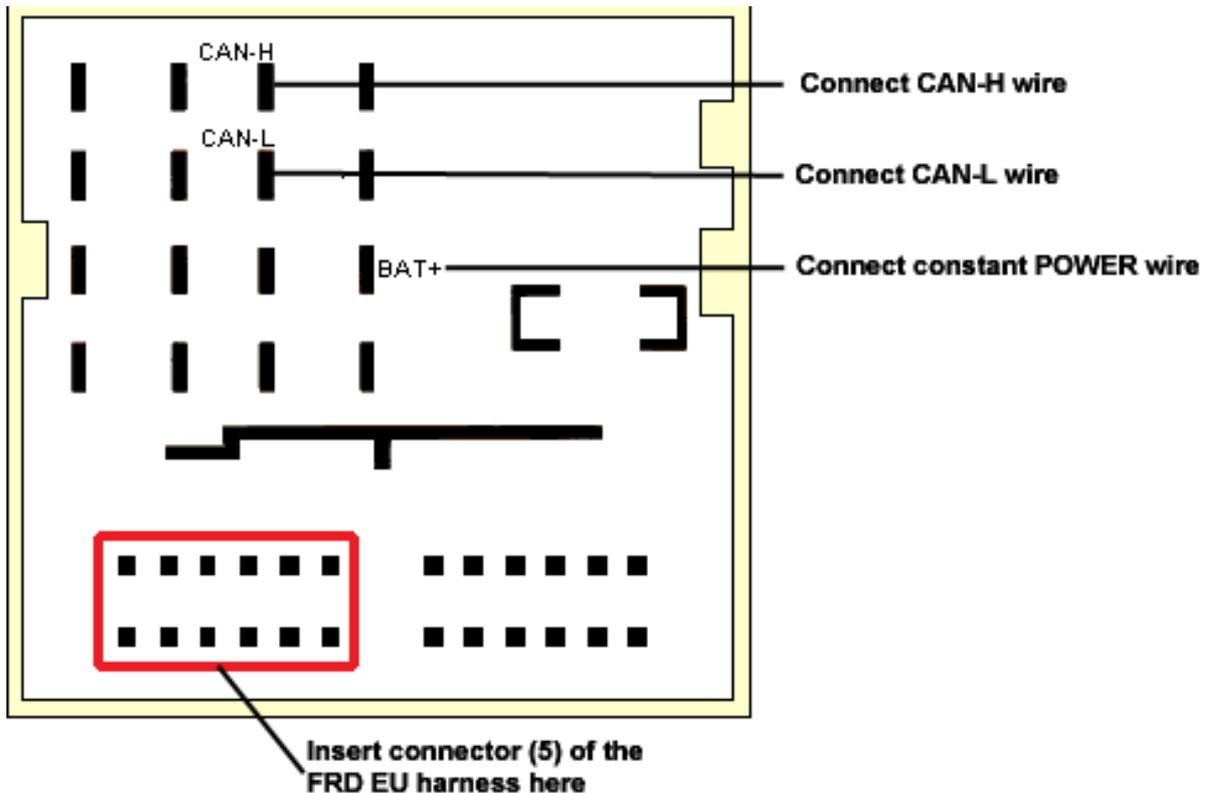
3. Locate the vehicle specific cable (FRD EU) and red/blue colored Posi-Tap clips that came with your adapter (picture 1)

4. Connect FRD EU harness to the port at the back of the radio.

**Note:** If the port is occupied with the different factory harness – disconnect this harness; insert connector (5) to the slot at the back of the stereo, reconnect the disconnected factory harness back to the stereo using the male end of the FRD EU harness – Y extension (4).

If the port at the back of the stereo is empty – leave the male end of the FRD EU harness – Y extension (4) hang free – do not connect it to anything.

5. Locate the main radio harness (same as shown on the picture 2), locate the wires that are coming from CAN-H, CAN-L and BAT+ connector locations according to the picture 2 below.

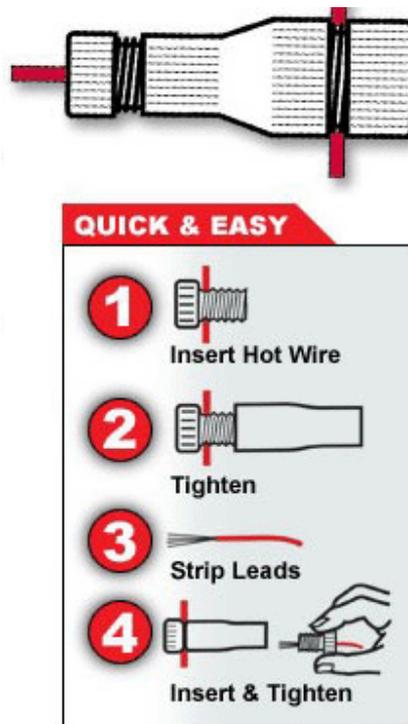


Picture 2: Wiring diagram - main radio harness with CAN-H, CAN-L and BAT+ position

6. Locate the appropriate wires: CAN-H, CAN-L and constant POWER on the FRD EU harness (picture1).

7. Using 2 red colored posi-Tap clips provided with your package connect CAN-H and CAN-L wires that come from the main stereo harness (picture 2) to the appropriate wires on your FRD EU harness (picture 1, wires that are marked with CAN-L and CAN-H). Refer to the scheme 3 below and make sure to create the strong connection between those wires.

8. Connect the red constant power wire ( 1, picture 1) using blue posi-tap to the BAT+ connector of the main car stereo harness (picture 2). Refer to the scheme 3 below and make sure that the connection between the wires is strong.



**Scheme 3. How to connect the wires using posi-taps.**

The wires that come from your stereo are “HOT” wires referring to the scheme 3.

Attention: Don't forget to strip the free hanging CAN-H, CAN-L and red power wires on your vehicle specific harness FRD EU.

**WARNING! NEVER CUT ANY WIRES THAT COME FROM YOUR STEREO!**

8. If you have any problems with using posi-taps please see the video demonstration here:

<http://www.posi-lock.com/posi-tap.html> or contact us for the help.

9. Route the GROM harness FRD EU to the bottom compartment or glove box and connect the GROM unit to the vehicle specific harness (FRD EU).

**Note: You might want to leave the GROM unit in the dashboard compartment (make sure that there is enough space) and just route the USB and the other cables out; or you can place the GROM unit in the easily accessible place and secure it with the Velcro stripes.**

10. Test the unit operation BEFORE mounting the stereo back into the dashboard. Cycle the ignition and press the CD or AUX button (depending on your car stereo). Stereo should show CD1 Track1 on a display. If it is not - see Troubleshooting section.

11. If the correct operation of the unit is confirmed mount the stereo back to the dash. If not – please see the troubleshooting section of the GROM adapter manual and this insert.

12. Congratulations! You have installed GROM adapter and you may use it right now with your portable player.

**To activate the GROM-USB2i adapter please press CD or AUX button on your car stereo once.**

## ***Troubleshooting***

### **The stereo cannot recognize the GROM adapter for Ford EU**

1. Make sure that the CAN-H, CAN-L and constant power wires connected according to the wiring diagram (2).
2. Make sure that you put the stereo into CD changer mode (CD or AUX button).
3. Make sure that if the external CD changer was present it is not connected to the stereo anymore.

### **Need to contact us?**

Please use the form at <http://gromaudio.com/support.html>. Your question will be answered within one business day.

### ***Disclaimer***

- This product is not affiliated with any of the OEM manufactures
- Modifying the radio may void any outstanding warranty it may have.
- There are no warranties expressed or implied by purchase of this product
- While every care has been taken to provide a quality product, we cannot guarantee the GROM adapter to function correctly if installation is not done according to the instructions in this guide.
- Keep your eyes on a road while driving!
- We're not liable for misuse of this product. Misuse includes improper installation, damage to the board or radio while trying to install, and illegal use of the radio

We recommend seeking the help of the professional car stereo installer if you are not sure in your abilities to perform the installation.