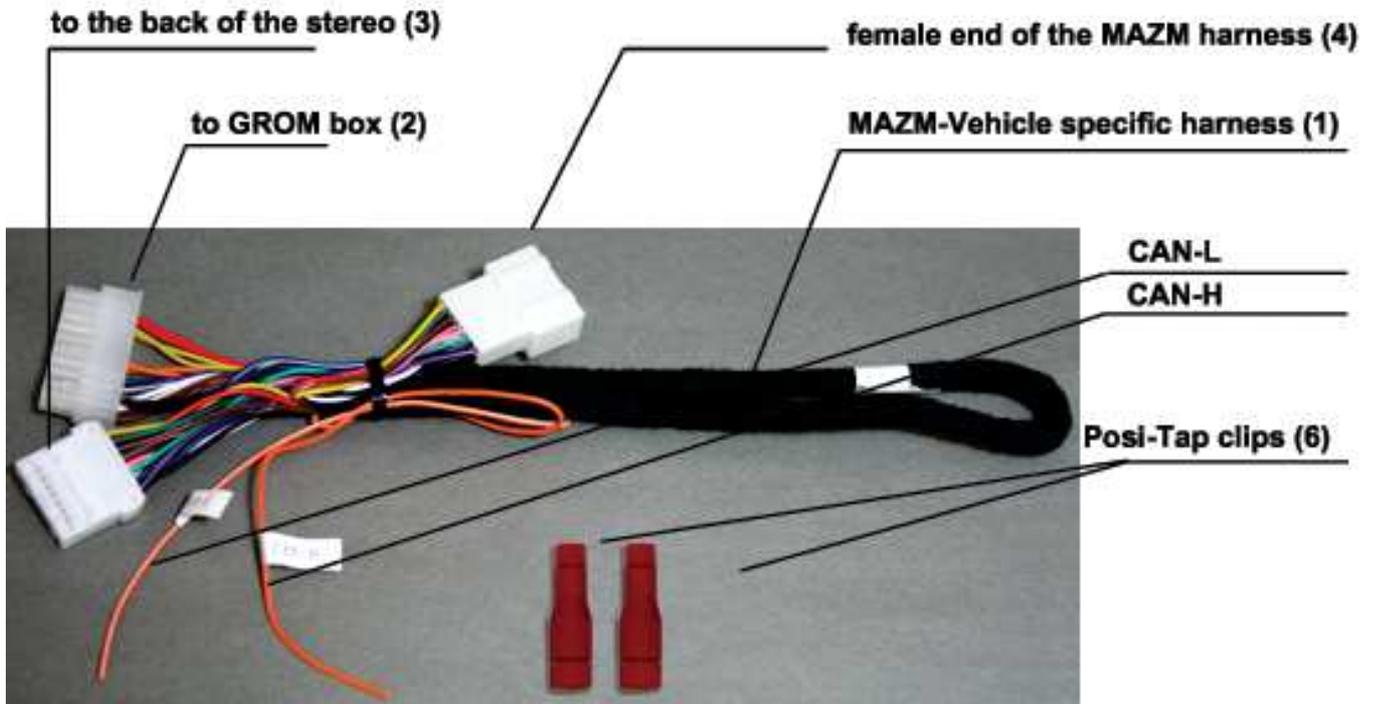


GROM Interface Installation into Mazda 08.5-09 using MAZM vehicle specific harness and posi-tap clips



Picture 1: MAZM vehicle specific harness

Tools needed

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

Check <http://gromaudio.com/installs/index.html> for video guide of the car stereo removal and GROM adapter installation into Mazda3.

Important compatibility notes

GROM adapter for the Mazda 08.5+ uses IPOD mode of your stereo. You will lose the use of the external factory IPOD 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.

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

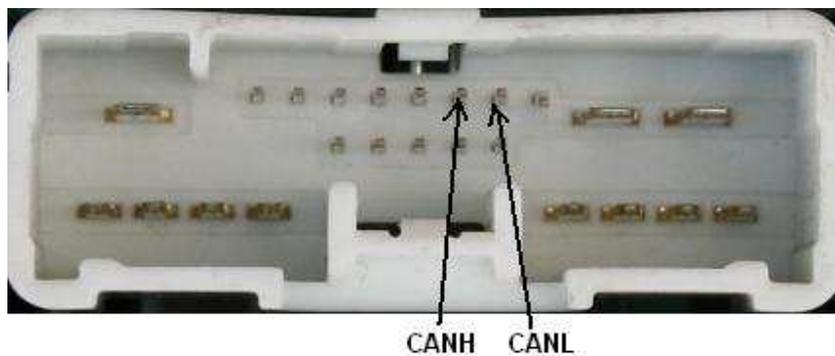
3. Locate the vehicle specific cable (MAZM) and red colored Posi-Tap clips that came with your adapter (picture 1)

4. Connect MAZM 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 (3) to the slot at the back of the stereo, reconnect the disconnected factory harness back to the stereo using the female end of the MAZM harness (4).

If the port at the back of the stereo is empty – leave the female end of the MAZM harness (4) hang free – do not connect it to anything.

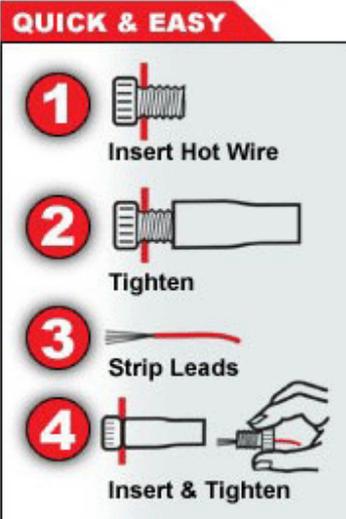
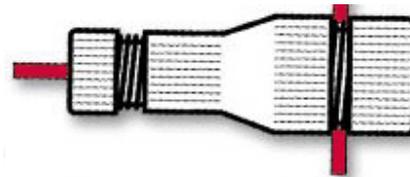
5. Locate the main radio harness (same as shown on the picture 2), locate the wires that are coming from CANH and CANL connector locations according to the picture 2 below.



Picture 2: Wiring diagram - main radio harness with CANH and CANL position

6. Locate the appropriate wires marked as CANH and CANL on the MAZM harness (picture1).

7. Using 2 red colored posi-Tap clips provided with your package connect CANH and CANL wires that come from the main stereo harness (picture 2) to the appropriate wires on your MAZM 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.



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 and CAN-L wires from your vehicle specific harness MAZM.

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 MAZM to the bottom compartment or glove box and connect the GROM unit to the vehicle specific harness (MAZM).

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 MEDIA button. Stereo should show IPOD 1 00'00 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 **MEDIA button on your car stereo once.**

Troubleshooting

The stereo cannot recognize the GROM adapter for Mazda

1. Make sure that the CANH and CANL connected according to the wiring diagram.
2. Make sure that you put the stereo into MEDIA mode.
3. Make sure that if the factory IPOD 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.