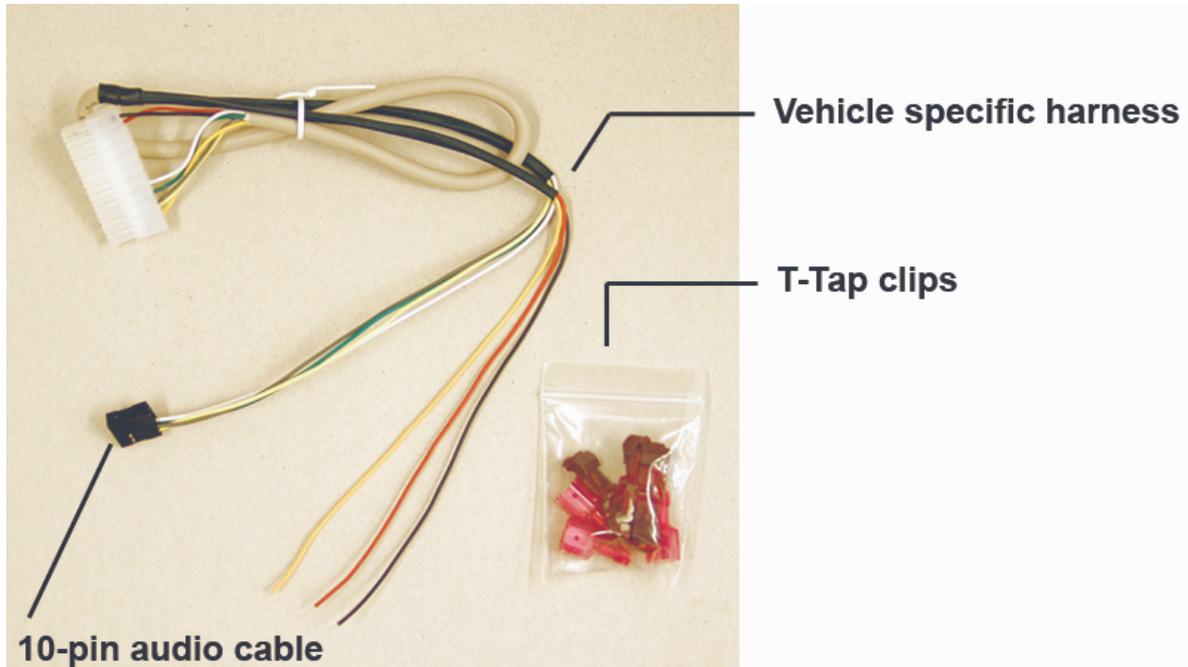


GROM Interface Installation into BMW cars

Dashboard Mounting Instructions



Picture 1

Tools needed

1. Wire crimp tool (optional)

Preparation

1. Turn off car's engine and remove key from ignition
2. Using the stereo removal tools carefully remove radio from the dash pocket
3. Located the vehicle specific cable and T-Tap clips that came with your adapter (picture 1).
4. At the back of the stereo locate harness which connects your radio to the car. It should have pins like shown below (either of two shown) on a diagram 1

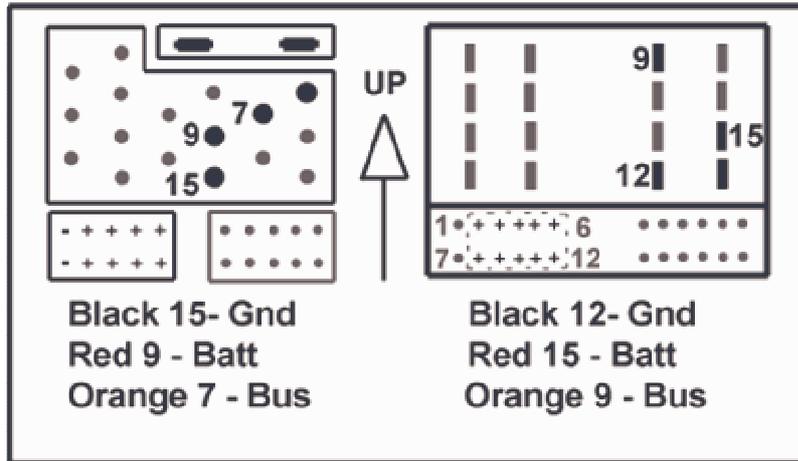
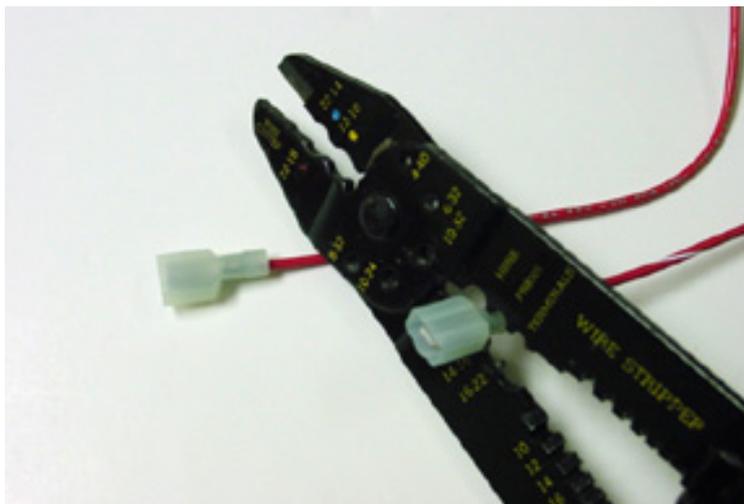


Diagram 1

5. 3 wires coming out of adapter's vehicle specific cable are marked with the colors (black, red and orange). Depending on your harness you need to connect those wires to the appropriate car stereo wires according to the diagram 1 above
6. To simplify the installation 3 T-Tap clips have been included with the adapter. Secure male terminals on a wires coming out of the adapters so you have it like shown below (picture 1)

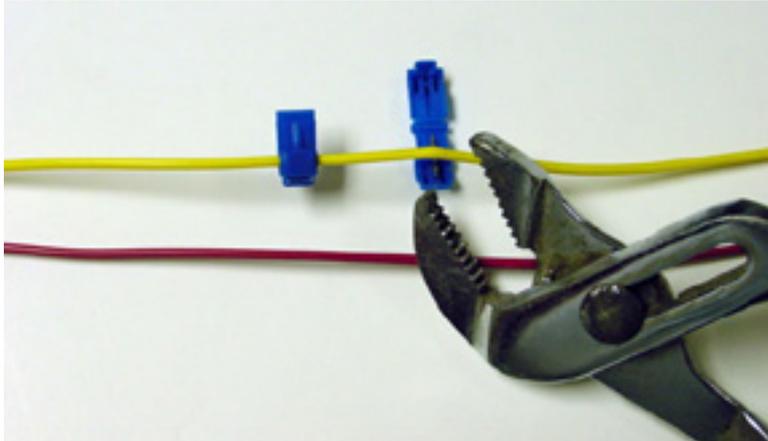


Picture 2

Adapter installation

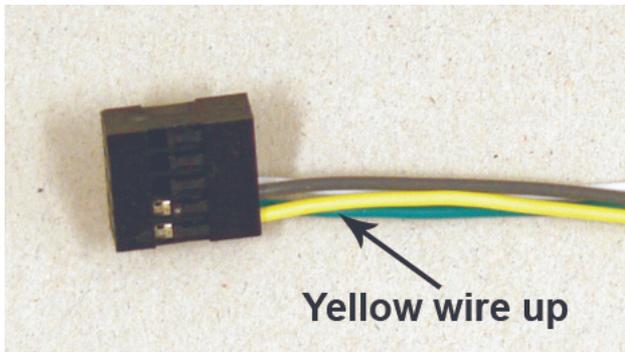
7. Locate appropriate wires on a car stereo harness (refer diagram 1 above)

8. Snap T-Tap clip over the wire so it is fastened (picture 3)



Picture 3

9. Now you can attach male terminal to an appropriate T-Tap according to the harness diagram and color of the adapter wire.



Picture 4

10. Use 10 pin black connector (audio cable) coming out of adapter's vehicle specific harness and attach it as shown on a diagram 1 to the car stereo (shown as dotted rectangle with '+' signs).

Note: Make sure the yellow wires on that connector are looking up!

11. Find a place where you can place GROM. In all BMW/Mini there is enough room inside the dash to place GROM.
Note: Make sure you place GROM in a place with enough room so when you mount car stereo back you do not break the adapter
12. You may use glove box or other spaces on a dash to direct the cables out
13. Mount your car stereo back into the dash, make sure it's clips are securely fastened
14. Now you can turn you car stereo on and switch it over to CD Changer mode. It should show Disk 1, Track 01 on a display. If it is not - see Troubleshooting section.
15. Congratulations! You have installed GROM adapter and you may use it right now with your portable player.

Troubleshooting

IBus wire may get lose

Some people report that using our T-Tap clips, the IBus wire may not receive proper connection due to its wire size. We recommend to make sure the IBus wire is securely attached by using multimeter or slightly tight up the T-Tap connector so its slot get smaller.

Audio is not coming form the speakers

It means the 10 pin audio connector on the vehicle specific harness is not inserted properly. Make sure that the audio connector inserted properly. It should be connected with yellow wire up (see picture 4).

Sound comes only from 1 channel

10 pin sound connector (picture 4) is not aligned correctly. Make sure that 10-pin sound connector on the vehicle cable is aligned correctly.

Other problems not listed here

Please refer to the GROM User Manual that came with your package.