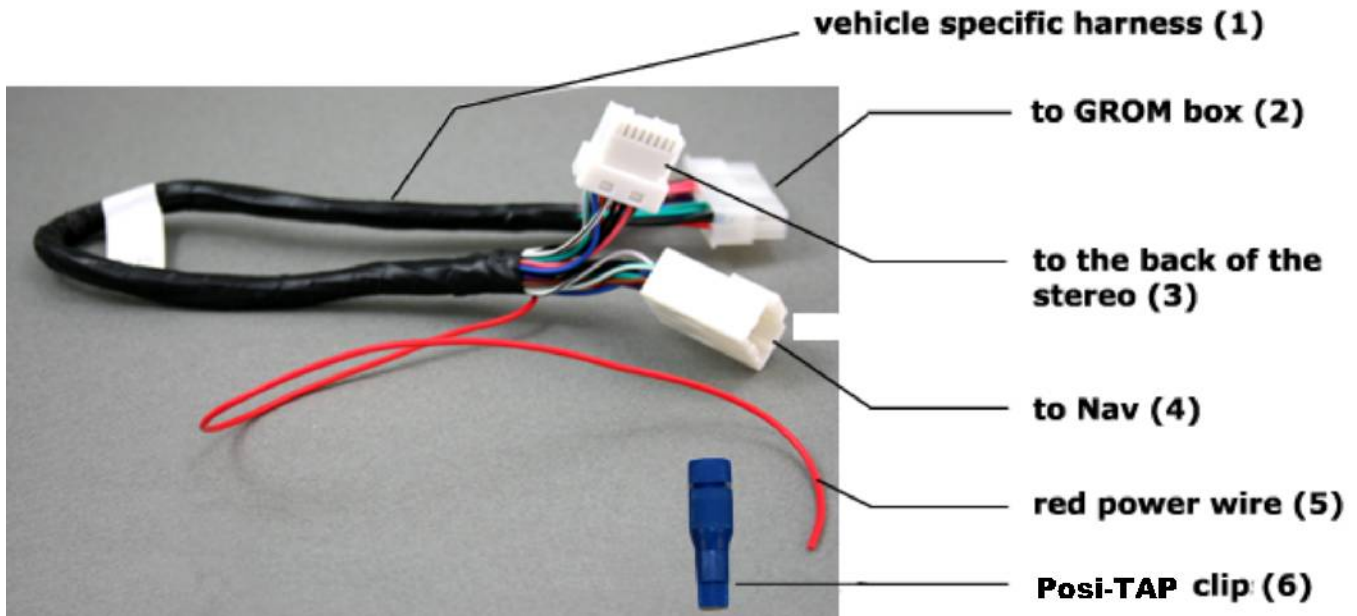


GROM Interface Installation into Nissan and Infiniti cars using NIS02 vehicle specific harness



Picture 1: NIS02 vehicle specific harness (5) – RED power wire (can also be Yellow)

Tools needed

1. Panel trim removal tool (optional)
2. Philips screwdriver

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

Important compatibility notes

NIS02 adapter with SAT emulation GROM adapter for the Nissan and Infiniti (NIS02) uses SAT mode of your stereo. You will lose the use of the external SAT to gain the use of your USB, iPod, Android or MP3.

NISCDC adapter with CDC emulation GROM adapter for the Nissan and Infiniti (NISCDC) uses External CD changer mode of your stereo. You will lose the use of the factory External CD changer to gain the use of your USB, iPod, Android or MP3.

Preparation

1. Turn off the car engine and remove the key from the ignition.

It is recommended to disconnect the car battery before performing the installation.

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

Installation

3. Locate the vehicle specific cable (NIS02) and Blue colored Posi-Tap clip that came with your adapter (picture 1)

4. Connect NIS02 harness to the port (7) at the back of the radio (see picture 2). Use the connector (3) from the NIS02 Vehicle cable.

Note: If the port at the back of the stereo is empty – leave the female end of the NIS02 harness (4) hang free – do not connect it to anything.

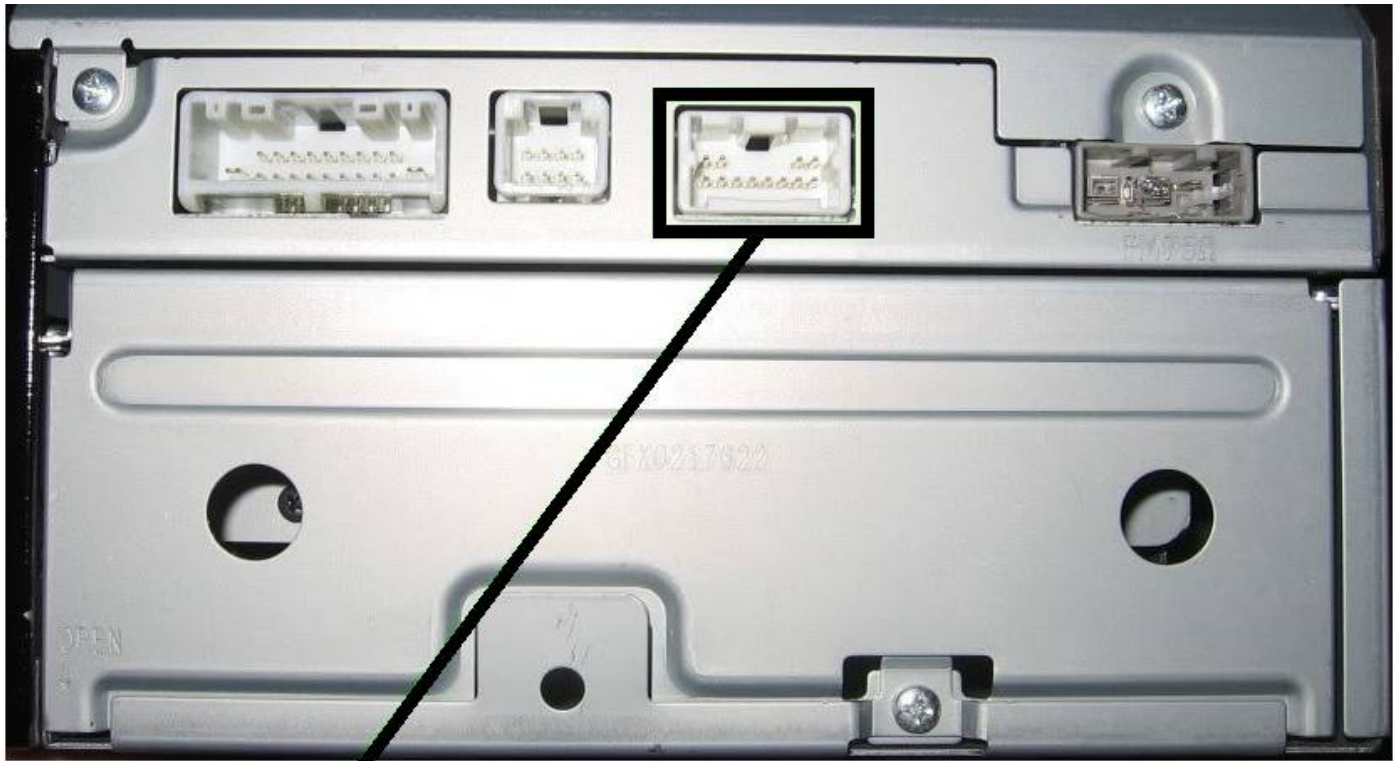
If the port is occupied with the different factory harness – disconnect this harness; insert connector (3) to the slot at the back of the stereo and then follow one of the 4 scenarios below:

SAT Emulation + stereo WITHOUT factory NAV and/or SAT: do not reconnect the factory harness back to the female end of NIS02 harness or it will interfere with SAT.

SAT Emulation + stereo WITH factory NAV and/or SAT: to preserve the NAV and/or Factory External CD changer, reconnect the factory harness back to GROM NIS02 female slot (4). You will then also need to locate the Factory Satellite Radio Tuner module (if equipped) in the vehicle (typically located in the trunk) and disconnect it from there directly in order to disable the factory SAT.

CDC Emulation + stereo WITHOUT factory NAV and/or SAT: reconnect the disconnected factory harness back to the stereo using the female end of the NIS02 harness (4). Note: If stereo does not recognize GROM, you might need to disconnect reconnected harness from female slot (4) on NIS02 GROM harness.

CDC Emulation + stereo WITH factory NAV and/or SAT: to preserve the NAV and/or Factory Satellite Radio, reconnect the factory harness back to GROM NIS02 female slot (4). You will then also need to locate the Factory CD Changer (if equipped) in the vehicle disconnect it from there directly in order to disable the factory CD Changer.



Extension Port at the rear of the stereo (7)

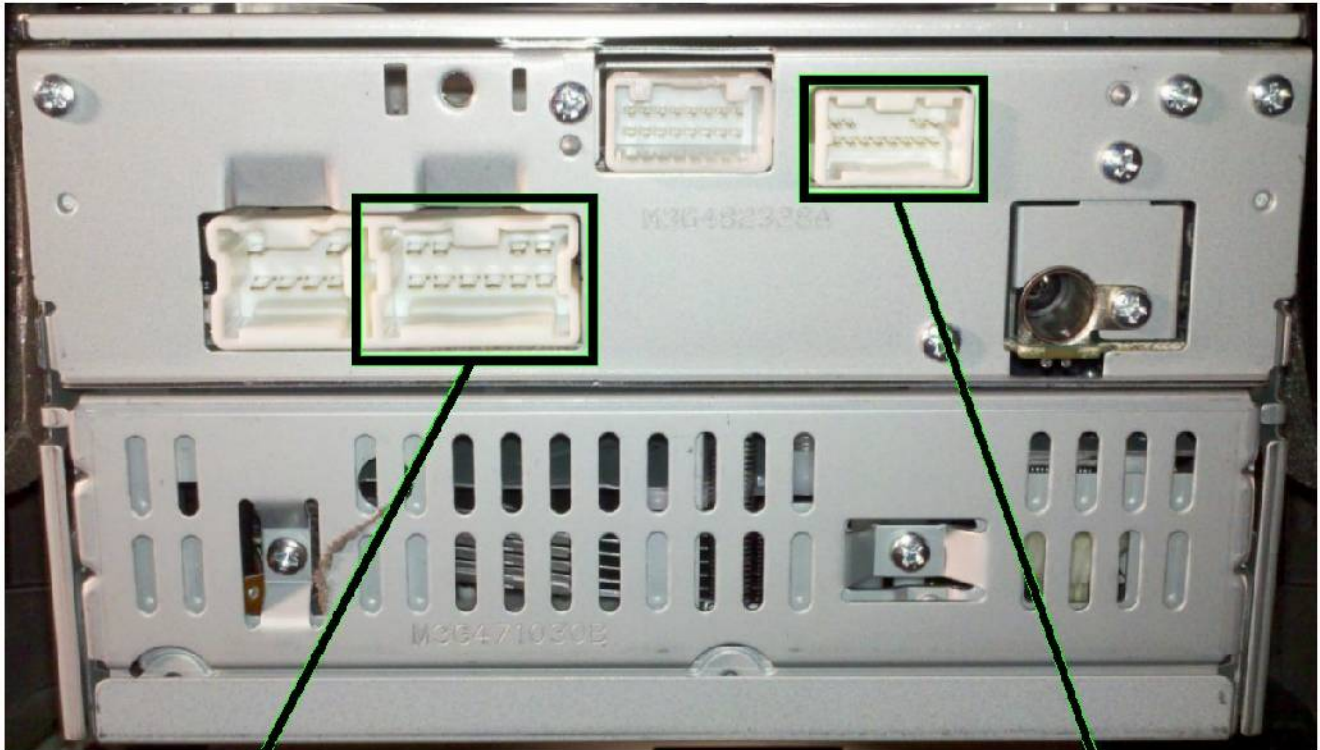
Picture 2 Back of the Nissan Radio

5. Connect RED power wire (5) on the NIS02 harness to the radio 12V constant wire. You will need to use the blue Posi-Tap clip (6). The Posi-Tap clip is provided with your package. (In some supplied vehicle cables wire may be YELLOW in color)
6. Locate the radio 12V constant wire on the main stereo harness. Refer to the diagram in the following pages; there could be 2 Scenarios depending on the year of the vehicle.
7. Connect the 12V constant wire with RED (or Yellow) power wire (5) on NIS02 vehicle harness using the supplied Posi-Tap. Please refer to the two following pages of stereo pinout diagram for the proper connection.

Scenario 1: 1999-2007 year model Nissan/Infiniti Vehicles

Example of the rear main stereo Port and Extension Port for NIS02 vehicle cable supplied.

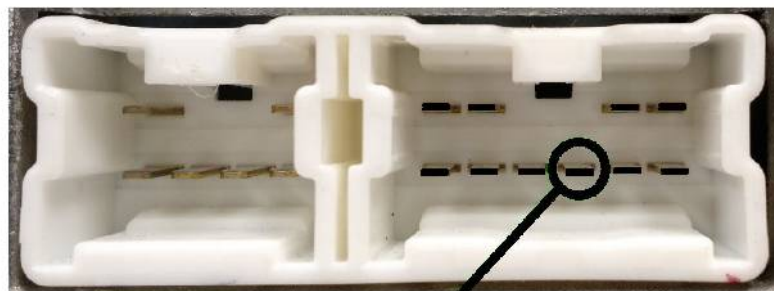
Note: Rear of Stereo may look different and vary in placement and amount of ports that exist on the rear.



Main Stereo Port

Extension Port

Location of 12V constant wire, Connect to with supplied Blue Posi-Tap to RED (or Yellow) power wire (5) on NIS02

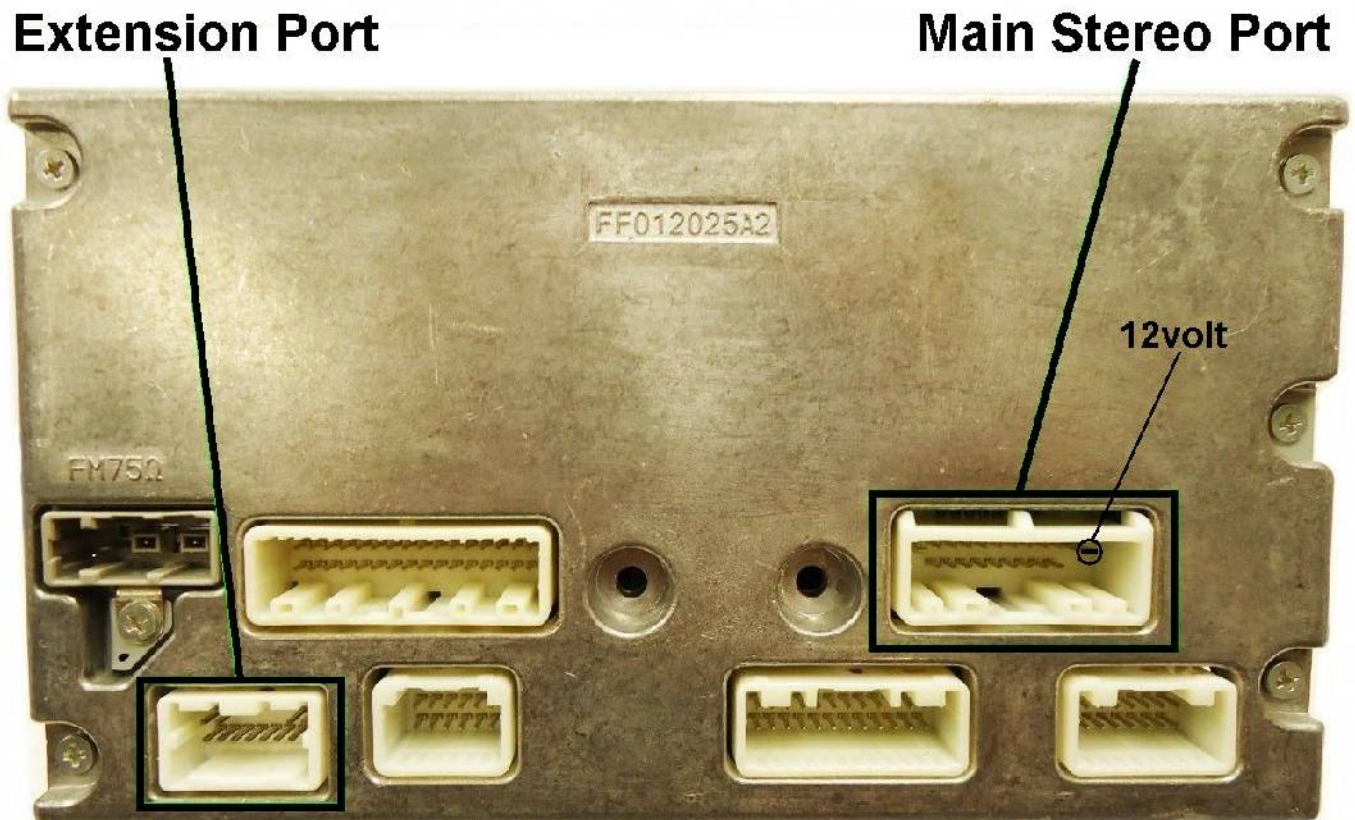


12V Constant Power

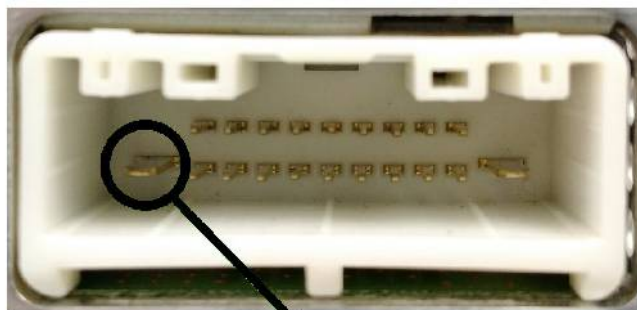
Scenario 2: 2007- Up year model Nissan/Infiniti Vehicles

Example of the rear main stereo Port and Extension Port for NIS02 vehicle cable supplied.

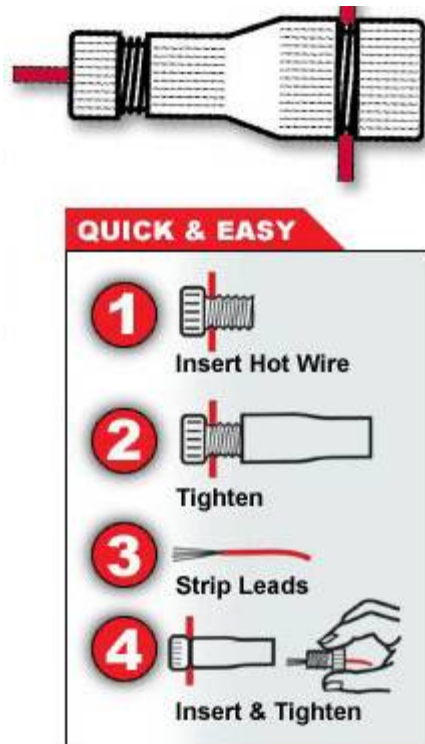
Note: Rear of Stereo may look different and vary in placement and amount of ports that exist on the rear.



Location of 12V constant wire, Connect to with supplied Blue Posi-Tap to RED (or Yellow) power wire (5) on NIS02
NOTE: Some stereos may have this Connection Port in rotated view. Pay attention to Pin Location



12V Constant Power



Scheme 1. How to connect the wires using Posi-taps.

The wire (the 12V constant wire) that comes from your stereo is the “HOT” wire referring to the scheme 1. Attention: Don't forget to strip the RED (or Yellow) power wire on your vehicle specific harness NIS02.

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

8. If you have any problems with using posi-taps please take a look at: <http://gromaudio.com/docs/posi-tap.pdf> or contact us for the help.

9. Route the GROM harness to the bottom compartment or glove box and connect the GROM unit to the vehicle specific harness (NIS02).

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.

SAT Emulation: Cycle the ignition and put the stereo into the SAT mode. It should show XM 001 on a display. If it is not - see Troubleshooting section.

CDC Emulation: Cycle the ignition and put the stereo into the CDC mode. It should show Disk 1 Track 1 or CD1 – 01 on your stereo.

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.

Troubleshooting

The stereo cannot recognize the GROM adapter for Nissan

1. Make sure that the RED (or Yellow) power wire on the NIS02 harness and the 12V constant power wire on the car stereo are properly connected to each other.
2. Make sure that you put the stereo into correct mode – either SAT/XM or CDC.
3. **SAT Emulation:** Make sure that if SAT was present it was properly disconnected either at the back of the stereo or in the trunk (see page 2 of this manual).
4. **CDC Emulation:** Try to disconnect the factory harness from female slot (4) on NIS02 cable or locate factory External CD changer and disconnect it from there directly.

The stereo at times not recognizing GROM (SAT emulation) when vehicle engine is started.

If you disconnected factory Satellite XM radio tuner Module by leaving connector unplugged behind the stereo, please try to plug this connection back into the female portion of the NIS02 cable supplied by GROM. Then locate the factory Satellite XM radio tuner Module which is typically located in the trunk of most vehicles and unplug it from there instead. The Satellite XM radio tuner Module should have XM logo display on sticker on the module. Make sure unplug all connections of the Module. Unplugging only the Antenna is not enough to disable it fully.

The stereo does not have available Extension Port on rear of the stereo to connect NIS02

The stereo is from a Base model Vehicle. The stereo is a very Basic level stereo that does not support a factory external CD Changer nor factory Satellite Radio add-on Accessory. It is NOT possible to connect any type of Interface device to these stereos as they are very limited in functionality and features. The GROM interface Adapter is NOT compatible with these particular stereos.

Need to contact us?

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

You can also chat with us LIVE at www.gromaudio.com 7am-5pm PST Monday through Friday.

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.