



SIR-GM1 Installation Techtips

Some customers have complained about the factory GM radio not recognizing the SIR-GM1 tuner when using the supplied T-Harness. It is likely that the solution is a simple power connection problem and can be corrected by properly locating and connecting the B+ and Ground leads. Occasionally the issue may also be related to how the headunit first sees and identifies the SIR-GM1 on the bus. The information below will discuss how to properly connect and link to the Class-2 bus.

The GM Class-2 bus is very finicky and some systems can require special power up procedures or the Class-2 bus will not properly recognize the Sirius Tuner. The Class-2 bus is also very sensitive to voltage fluctuations.

First step is to make sure that you are connected to a good power/ground source:

- 1) NEVER connect the black ground wire to another wire in the car- always connect to a chassis point- preferably the firewall
- 2) NEVER connect to the radio or the Cigarette lighter for B+. Most of these lines are tied to the RAPPS module which drop power after 10~15 min- or they have lots of resistance and cause voltage fluctuations. DO connect to a high current B+ Line (Battery, Ignition harness, Fuse panel, etc).

Here are the proper steps for connection of the SIR-GM1 for a new installation when using the supplied T-harness:

- 1) Locate and unplug the Class-2 bus connector on the back of the factory radio
- 2) Install the Sirius T-Harness cable (one plug into the back of the radio and the Class-2 bus connector into the other)
- 3) Connect the SIR-GM1 to the T-Harness
- 4) Connect the Antenna to the SIR-GM1
- 5) Connect the Ground wire from the T-Harness to a solid chassis ground
- 6) LAST CONNECTION- connect the Yellow wire to B+
- 7) Turn the ACC (Ignition On)
- 8) Cycle through the BAND - it may take two or three passes to see the SR source show up.

Note- that it is important that the last wiring step is to connect the B+ line.

If the system was already installed and the radio does not recognize the SIR-GM1, follow these steps to reinitialize the Class-2 bus.

- 1) Disconnect the T-Harness from the vehicle
- 2) Reconnect the factory Class-2 bus harness to the stock radio
- 3) Turn on the ACC (ignition)- this will reset the Class-2 bus (resets the Class-2 bus configuration back to stock)
- 4) Turn off the ACC (Ignition)
- 5) The next steps must be done with the yellow power wire from the T-Harness disconnected (You can also just pull the fuse out of the fuse/filter box that is on the harness (inside that little black box on the yellow/black wire harness))
- 6) Be sure that the ground wire is connected



SIR-GM1 Installation Techtips (cont.)

- 7) Unplug the Class-2 bus harness on the radio
- 8) Reconnect the T-Harness (be sure that the plugs are connected solid)
- 9) Connect the SIR-GM1 to the T-Harness
- 10) Finally, connect the Yellow wire to B+ (or reinsert the fuse)
- 11) Turn the ACC (Ignition On)
- 12) Cycle through the BAND – it may take two or three passes to see the SR source show up.