

NAV Conversion Harness Kit (2007-09 G35 /G37/ EX35)

Installation & Start-Up Guide

1. Apply the parking brake and shift the car into drive (automatic cars) or neutral (manual cars).
2. Ensure the car is OFF and then disconnect the negative terminal on the car battery.
Remove the shift knob and the surrounding trim with the shift boot. Then disconnect the two connectors beneath the trim in order fully remove it.



3. Remove the 2 screws beneath the Faceplate/AC Climate Panel, and then pull the bottom of it toward you to release it, and then remove it after disconnecting the 4 connectors behind it.
Mark the connector noted below to avoid mistaking it for a radio connection later.



4. Remove the 2 screws below the bezel/control panel buttons. Then gently wiggle & pull it toward you to remove that section. On G35/G37 cars trim bezel would also have the a/c vents on it.



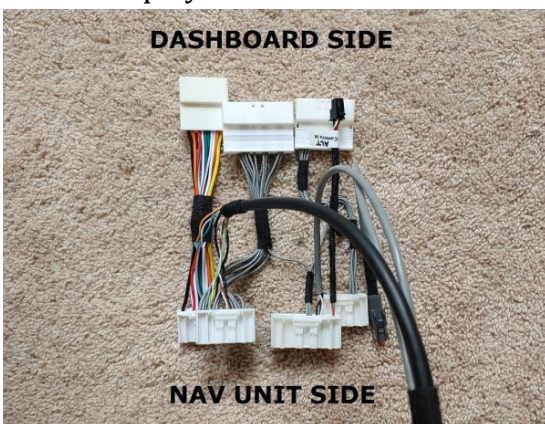
- Remove the 2 screws on the brackets below the display screen and then remove the screen assembly after disconnecting the 3 connectors behind it and mark the one noted below.



- Remove the 2 screws on the bracket below the AV/Radio unit and then pull it forward some.
- Disconnect all of the connectors going to it, including the ones going to the A/C amp (the upper white box that sits on top of the AV unit). Make a small identifying mark on the A/C amp connectors so to not confuse them with the other connectors for the radio.

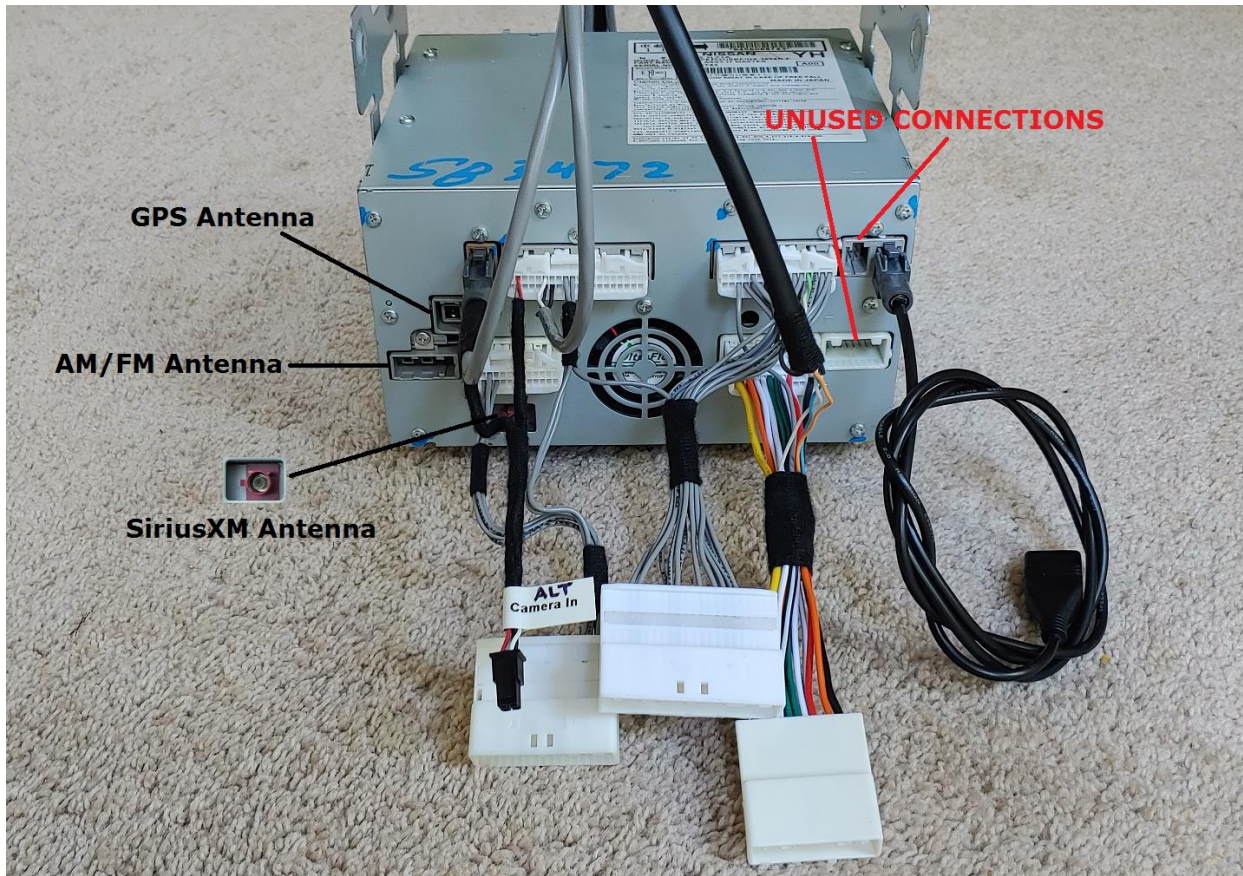


- Once complete, pull out the old AV Unit Assembly.
- Connect the dashboard side of the harness adapter to the factory connectors that would have gone to the original AV Unit, and then run the longer black & gray (display) cables up to where the display will connect.



10. If your kit included a GPS Antenna, Sirius XM Antenna, and/or Mic Cable you can run those now. The GPS/SiriusXM antenna(s) can be installed in a suitable location of your choice, but temporarily removing the center speaker (if equipped) on the dashboard and installing them in front of it is a nice/easy spot. Or, when running the mic cable, installing the antenna(s) on the ceiling somewhere between the map lights & rear view mirror is another alternative. The mic cable can be run to the overhead mic, across the headliner, down through the passenger (or driver) side A-pillar, and over to the harness adapter's Mic Input connection.
11. Also consider starting the run for the Rear Camera Cable, if using it to add a camera. Run the cable, and connect it to the harness adapter's ALT Camera Input connection.

(Note: Vehicles that came with a camera don't need the camera cable, since the harness adapter is designed to pick up the original camera signal. The cable is included as an option to connect directly to the rear camera (which bypasses the camera controller in your car), or to install an aftermarket camera. If using the cable, be sure to disconnect the connectors circled in Step-16).
12. Run the USB Input cable (and any extension/panel mount cable if purchased separately) to a location of your choice, like the center console.
13. If needed, prepare the 2010+ NAV Unit so the mounting bracket and A/C Amp are installed like the original unit. Also prepare the 2010+ display with the mounting bracket and swap the new control panel buttons (for the display) into the bezel trim, if needed.
14. Now bring the 2010+ NAV Unit into place and make all the radio side connections. Example:



15. Connect the A/C amp (marked in step-7) and then temporarily push the NAV Unit into place.
16. Connect the 2010+ Display to the harness adapter (**Note: For vehicles that came with a rear camera, there will be an extra connector that plugs into the one marked in step-5. Also ensure the black connectors circled below are locked together, unless you're using the camera cable).**)



17. Temporarily mount the new display and then connect the 2010+ Control Panel Buttons/bezel and Faceplate/AC Climate Panel as they were in step 3 in order to quickly test everything.
18. Reconnect the negative battery terminal. Press the car's ignition button to the ON position to power everything up. You should be greeted by a new and improved look!!
19. Push the radio volume on/off button and ensure that the radio itself is OFF, in order to run a Self-Diagnosis and allow the NAV Unit to see the features of your car.
To do so: Press and hold the SETTING button on the control panel while turning the volume knob to the right anywhere from a 3 to 20 times. That will take you to the System Diagnostic Menu.
20. Go to Self Diagnosis and the system will scan you car's components, and once complete it will show you what it found.
21. You can then go BACK, and go to Confirmation Adjustment > Camera > Camera Syst Type, and choose the camera setup you have. Then BACK all the way out of the System Diagnostic Menu. The system will reboot and take you back to the regular screen.
22. Now put the car in reverse (don't start car) to ensure the camera works as expected.
23. Once testing is complete, go ahead and button everything up properly with the screws and all. The reverse of Steps 6 – 1.
24. Reset the car windows auto-up function (necessary when battery disconnected): Press and hold the window down button until the window is fully open. Release. Pull and hold the window up function for 6 seconds. Windows should now go up/down properly with the auto function. Repeat for all windows as necessary (can do two at once).

Congratulations. Enjoy Your New Toy!!