

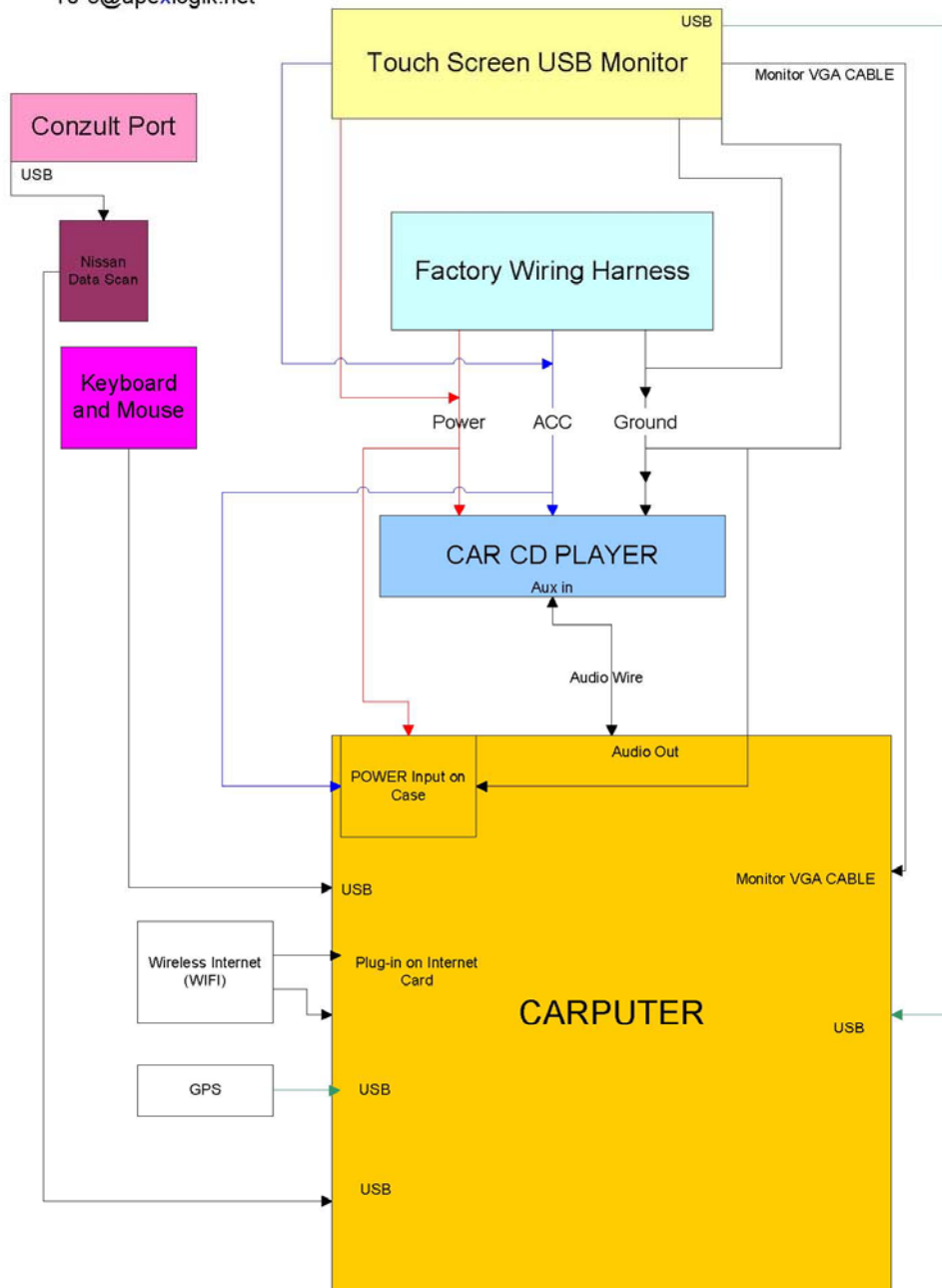
The purpose of this write up is to provide a basic framework of what needs to be done in order to get a Carputer system installed into your Z. Since there are so many possible configurations and options on how to do about all of this I decided not to do a step by step instruction manual but rather this overview.

Here are the basic components that you will need:

- 1) A computer (many specific Carputer cases and full systems can be bought on Ebay and <http://www.mp3car.com/>) Also, getting a laptop hard drive installed is a MUCH better idea than a desktop. On my first attempt at this I bought a regular hard drive, which is why it is called “my first attempt”
- 2) A monitor – You can go cheap and get a pull out off Ebay for less than \$100 dollars or you can go all out. The only thing the it really needs to have is an AUX in for video.
- 3) Power: Get a case that already has a DC power unit built into it. MUCH SIMPLER. And it will usually have software that allows a lot of flexibility in how the computer boots up and shuts down. Mine starts up automatically after a 30 second delay and stays on hibernate until my car has been turned off for 1 hour.
- 4) USB – GPS (optional) again EBay is a great resource.
- 5) Mouse and Keyboard -USB (optional)
- 6) Wiring. Shielded cabling and a soldering gun (or quick connects)

Here is the basic wiring diagram of how to install the Carputer into your car. This is of course just a model showing what needs to be connected to what and is not to scale. However this diagram will allow you to basically install a Carputer into any vehicle with some slight modifications.

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The next step is to remove the center console and bezel. Explanations on both of these procedures can be found in the FAQ and Tech Section of www.Twinturbo.net



The next step I took was to install my in dash (USB) monitor and wire it up for power, video, and touch screen (as in the above diagram) Once that was done I turned on the key to ensure that it was functioning.

The next step was to wire the Nissan Data Scan up. I plugged it into the Consult port and ran the wiring up the middle of the console next to the shifter.





After that I ran power cables from my wiring harness (Bezel) towards the trunk (power for the Carputer.

Here are some pictures showing the route I took for the wires:



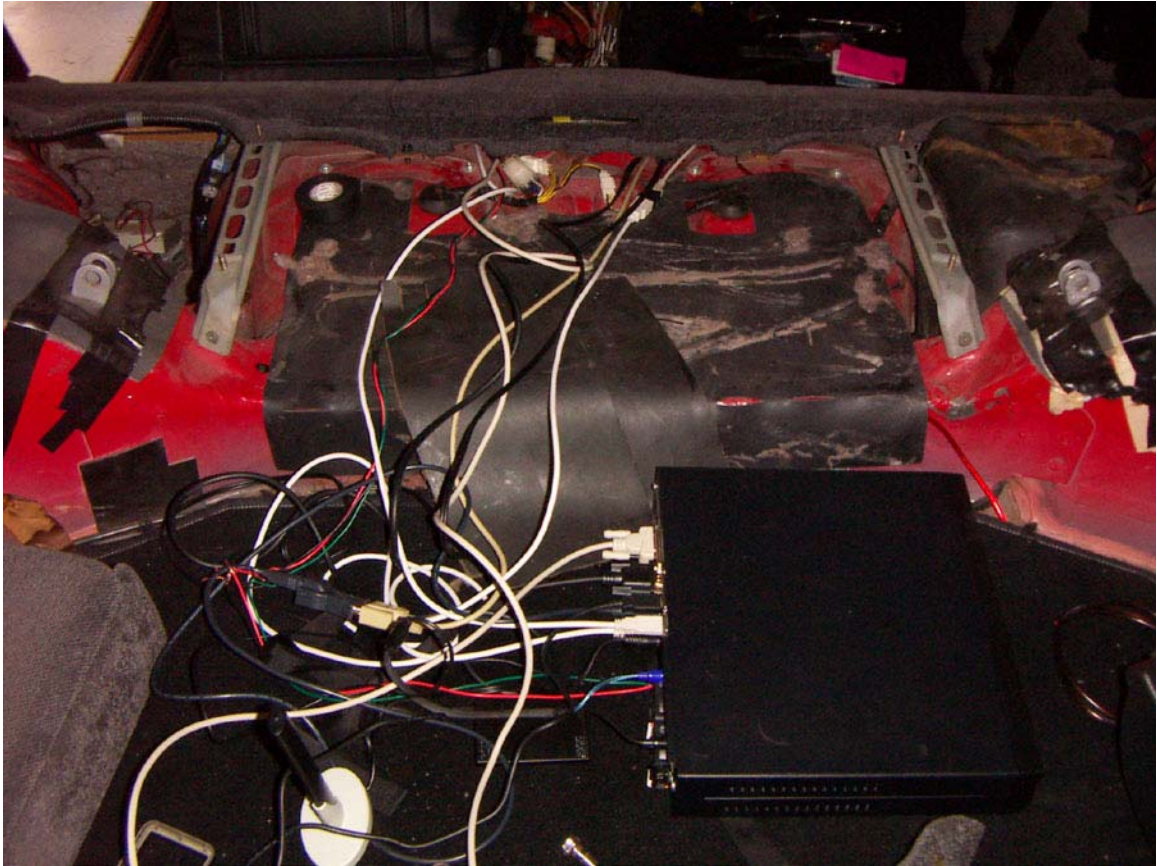






Next hook all of the wires and peripherals up to the PC and make sure everything is working properly.

Here is a picture of everything wired up. Once you have all the bugs worked out of the system it's as simple as putting all of your interior back in and mounting the PC in your trunk or wherever.



Here are some pictures of the final product.







Well worth the time.

If you have any questions please feel free to email me.

Hope this helps!

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