

# Installing a Subwoofer and Amplifier in your Subaru SVX~

## By Wikedjuggalo

First off you should be warned, make sure you have plenty of light when doing this as I attempted this in a 2 hour time frame in mind but it took me much longer. If you have a garage then I suggest doing it in there.

### **Tools Needed:**

Wire Stripper / Cutter

Phillips Screw Driver

Metric Socket wrenches

Any other tools specific to your Amp/Sub combo

Speaker Wire

I picked up a Amplifer / Sub Install kit at wal-mart that held 1400 Watts more then enough for \$30

Sand Paper (No idea what grit used to get paint off)

A Cool head ☺

Before getting started you will want to clean out for SVX from any junk lying down



And also Lay everything out for easy install ☺



Now that everything is laid out we can begin the install process!

### **Step 1: Disconnect the Battery**

This is the most important step in all off this whole process! You can very possible get hurt if you don't disconnect the battery. Disconnect the Negative first then the Positive.

### **Step 2: Removing the back seat**

This is an easy Step go ahead and get it out the way as not to mess with it later. There are two "buttons" on each side of the back seat. Pull out each and lift up and the back seat is out.

### **Step 3: Power Supply Hook Up**

This is a multi Step process and one of the more difficult ones. It requires running a power wire from the battery terminal all the way to the trunk. This isn't simple and there are a limited number of places to run it. The easiest and most convenient was I found was

running the wire (I used 5 gauge) through the A/C Drain plug. It is located on the passenger side. It has enough room to run a 5 Gauge wire and the drain its self(a plastic hose) through the hole.



This is an image of the wire running through the hole. I was able (once running the wire) to put the drain hose back on and through. After running the wire you will need to get it over to the batter terminal by running the wire behind the intake and behind the brake cylinder.



**Now is not the time to connect the wire!!!! Leave it unplugged!!!**



Next thing is to run the wire in the car to the trunk. I ran the wire along the side board of the passenger seat to the trunk. See Pictures above. Must remove the plastic part, underneath the door. It pops off and will pop right back in. Run the wire all the way to the empty back seat. Fold the seat down and run the wire to the trunk by using the side. You will see it, as I don't have a picture of putting it through there.



#### **Step 4: RCA Wires and Remote Power Wire**

This is the next more difficult step in here. I put this next instead of the ground wire because once this is out the way grounding is easy. Go ahead and put the amp in the trunk and connect the RCA wire and Remote wire.



Ignore my coffee mug ^^

Run the wire the same way expect to the driver side. I chose to run the wire underneath the center dash. I lifted up the end of the dash near rear seat and places it behind the seat belt strap, you will see the driver side seat belt and go around it. You then will need to go to the front seat and remove the panel on the driver side of the Radio area (The same one used for the Antenna) pull the carpet out and neatly tuck the wiring there to hide it.

The next step is to pull the stereo out and connect the wiring using the same way the Antenna was connect through.

\*\*\*In order to remove the stereo, you must shift down to 1. Do this by using the shift release and APPLY E-BRAKE for safety!!!

\*Careful\* as not to cut your hands on possible metal edges underneath the stereo. Connect the RCA and Remote power wire (Allows amp to cut on when stereo is on instead of 24/7 ^^, this can connect to Antenna and/or I had a power continued wire I used on my stereo). Replace the stereo and make sure everything is snug fit as you don't want to remove it again.

Replace everything you remove to get to it except the rear seat.

#### **Step 5: Ground Wire**

I was unable to take pictures of this step but I am fairly sure I can guide you through this. Go head and splice the ground wire to connect it to the amp and the other end to attach to

a ground area. The area I chose and was easy for me was running the wire on the passenger side tail light area. There is a slit your can the ground wire up through. You are attempting to run the wire up the same hole that the wiper fluid hose goes through. It has a circular plug typing thing that pops up and can be used to run the ground wire.

Once you have the wire up there you are going to disconnect the trunk strut that holds the trunk up on the passenger side and in between the two holes used by it, strip the paint and get to bare metal.

Place the stripped wire in between the two hole used for the screws. Tighten down the trunk struts and make sure the wire is connecting to bare metal.

#### **Step 6: Connecting Everything**

If you have not done so place the amplifier where you want in the trunk and connect all the wiring **DO NO CONNECT POWER YET ON THE BATTERY.**

#### **Step 7: Placing Subwoofer**

The only place I could find to hold my two 12" 's was in in the middle of the trunk. Connect the speaker wire form the sub to the amp.

#### **Step 8: Connect Power back**

**\* WATCH OUT FOR THE WRENCH USED TO CONNECT AMP WIRE AND BATTERY WIRE FOR POWER TO TOUCH NEGATIVE I HAD THIS HAPPEN AND ALMOST GOT SHOCKED BADLY\***

Connect power cord used to power amp to the battery cable. After that connect the Positive then the Negative. Test out the radio to make sure it works. If not check ground and all wiring.

#### **Step 9: Clean Up**

Time for clean once everything works. Replace the back seat and make sure no wires will be pinched. Take some zip ties if possible and zip tie the wire out of the way in the engine to stop it from touching anything hot. Take anything out of the care like tool and



enjoy your new system.

I hope this was helpful I did not have as many pictures as I wanted as I ran into the dark and it was getting late. If you have any comment or suggests or even a question you can contact me on [www.subaru-svx.net](http://www.subaru-svx.net) forums under the user name Wikedjuggalo