

Sim Vibe Mounting Brackets

TOOLS NEEDED

5/32 Allen Wrench
Quick Grip clamp
Small tube of Loctite
Soldering iron



Unpack your **SimVibe** mounting brackets (**packaged 2 mounts per box**)

Contents per box

- 4) pieces of foam tape 2"x 6"
- 14) 1/4-20x1" button head screws
- 6) 1/4-20 nylock nuts
- 2) Black base brackets
- 2) Red cover mounts

You will find that it will be easier to connect your speaker wires to your base transducers before mounting them to your SimVibe brackets.

Recommended wire size is 14 gauge

Recommended wire connection solder with heat shrink tubing

Be sure to give yourself plenty of extra speaker wire per run (you can trim off the excess later once you have figured out your AMPS final location)

Using 3) 1/4-20 x 1" button head screws and 3) 1/4-20 nylock nuts bolt your base transducer to the black base mounting bracket as shown in fig.1



Fig 1

Locate 1 piece of foam tape 2"x6" and install it as shown in figure 1 indicated by the red arrow onto the BLACK base bracket.

Locate the RED cover mount and 1 piece of foam tape 2"x6" and install it as shown in figure 2 indicated by the yellow arrow

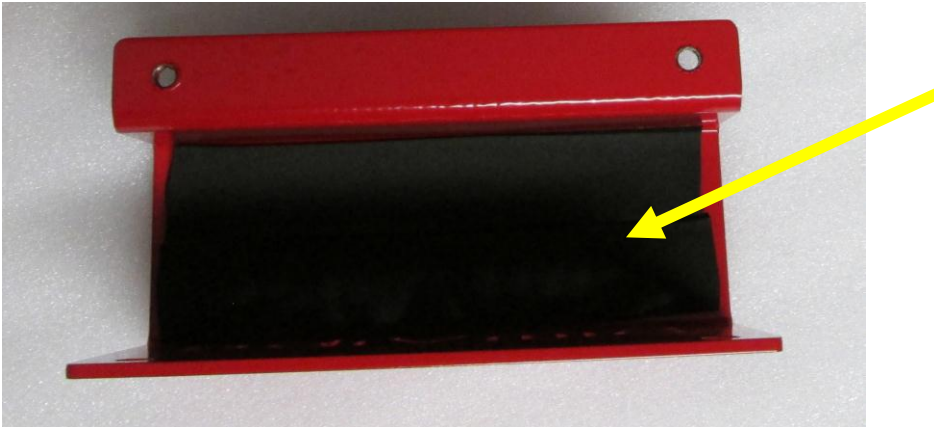


Figure.2

See figure 3 for mounting locations for the SimVibe brackets

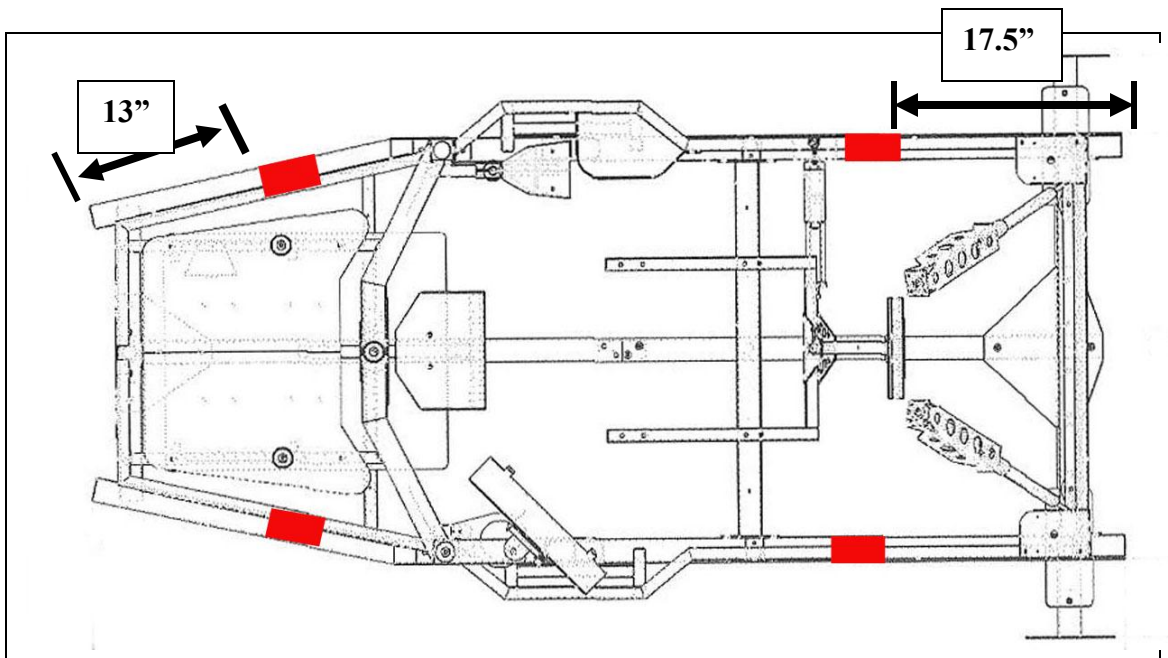


Figure 3

The Base transducer brackets mount 13" in from the front and 17 ½" from the rear as shown above.

Note:

When mounting to a STAGE 1 OR STAGE 2 the SimVibe brackets will be mounted upside down

Now its time to mount your SimVibe mounting brackets to your simulator

If your simulator is already assembled you will need to remove your front and rear side panels at this time

If your simulator has the Aluminum Floorboard option you will need to remove panels B,C & D

Note:

Before the rear floorboard panel D can be removed you will first need to remove both actuator arms and dampening bar.

First step is to unplug both actuators from the SX-3000 (making sure the cables are free and pulled up and out of the way) Then remove the two 5/16 x 1 ½" screws that bolt the rear dampening bar to the rubber vibration mounts (See figure 5&6 in the seat base assembly manual)

Next unthread the two M10 x 1.25 ball joints from the seat back. Once both actuators are disconnected lay the seat forward and lift actuator and dampening bar

assembly out being careful not to scratch anything. Now the floorboard panel D can be removed (See the Floorboard assembly instructions)

Locate 4) ¼-20 x 1” button head screws then slide the RED cover mount in its proper location as shown in figure 3 pressing down firmly making sure it is seated all the way down

Note:

Be sure to put a drop of loctie on each screw before installing

Next holding the black base bracket start two ¼-20 screws as shown in figure 4

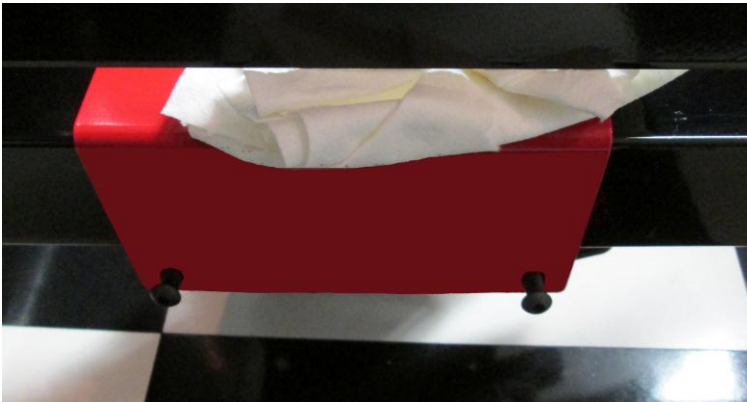


Figure 4

Next using a quick clamp and a rag or paper towel so you don't scratch the painted surfaces clamp the two brackets together. This will allow you to start one screw at a time from the bottom side moving the quick clamp from one side then to the other as shown in figure 5

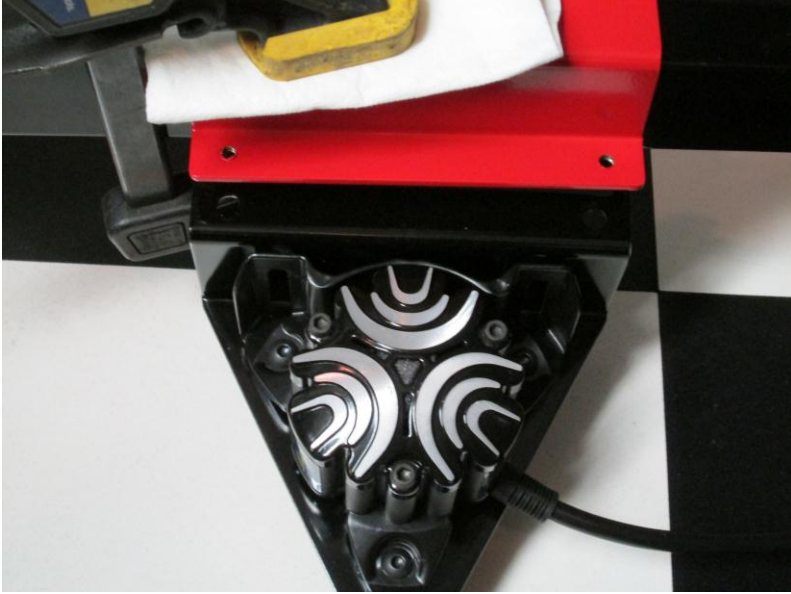


Figure 5

Once all four screws have been started evenly tighten in a crisscross pattern.



Figure 6

Repeat the mounting instructions until all four SimVibe mounts are installed.

Now it's time to tidy up your wires and make the connections to your AMP

See the AMP connection instructions