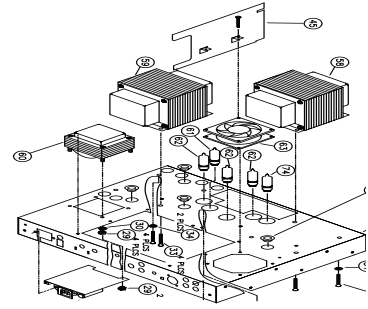




# Disassembly Procedure



**MODEL(S)**

**9/6/2012**

**SVT-CL**

**SVT-Heritage**

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## **Safety Warning:**



Caution! These instructions are for use by qualified personnel only. To avoid electric shock, do not perform any service unless you are qualified to do so. Refer all service to qualified personnel.

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## **ESD Warning:**



To avoid damage by electrostatic discharge please use ESD precautions.



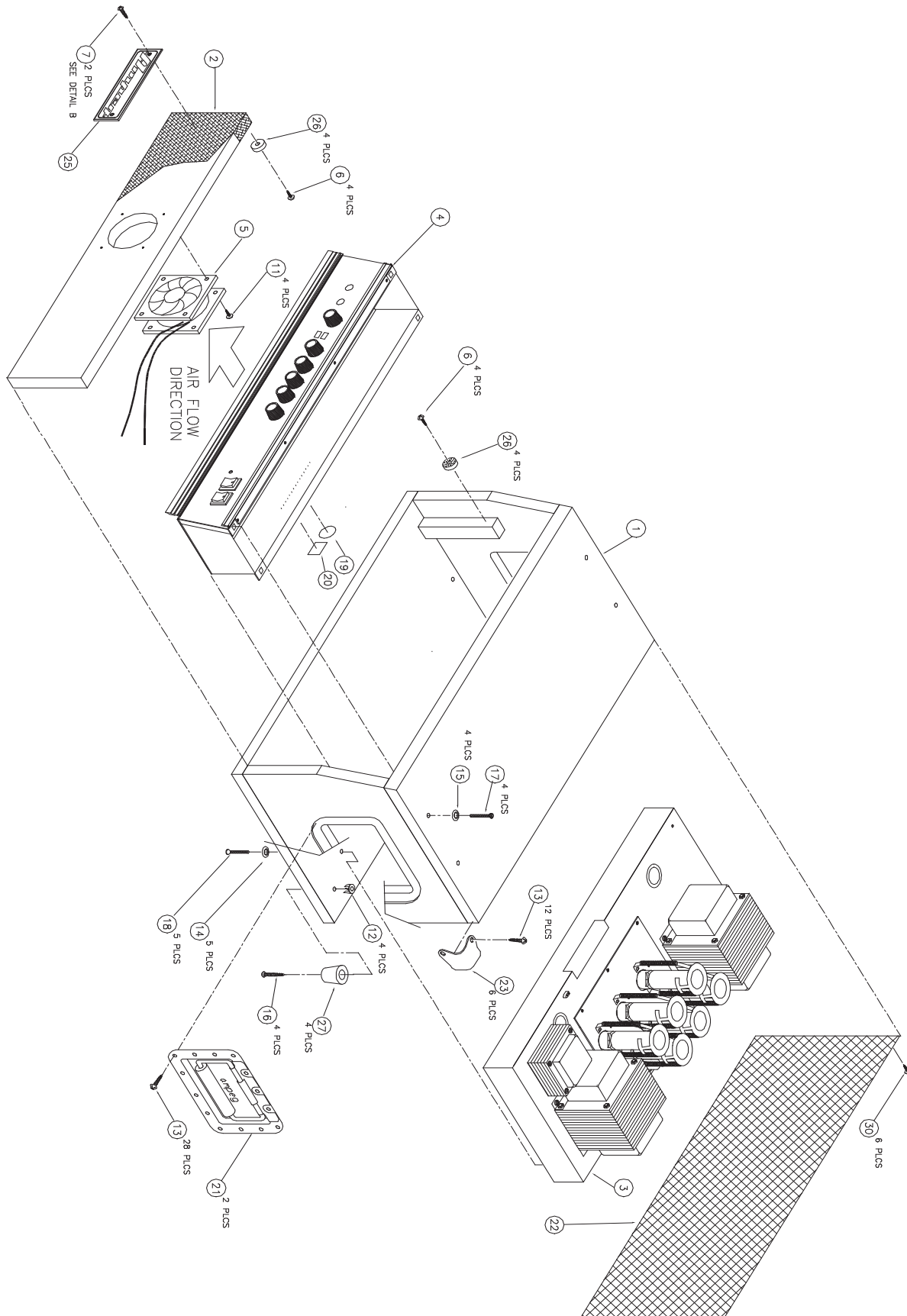
## **Tools Required:**

- ☐ Safety Glasses
- ☐ ESD Precautions
- ☐ Needle Nose Pliers
- ☐ Socket(s)
- ☐ Screwdriver(s) Phillips Head #1, #2
- ☐ Wire Cutters



# Ampeg® Disassembly Procedure

## Exploded Assembly View





# Ampeg® Disassembly Procedure

## Procedure

1. Place the product onto work surface with the back of the unit facing you. Locate and remove the six screws to detach the rear grill, as seen in Figure 1a.

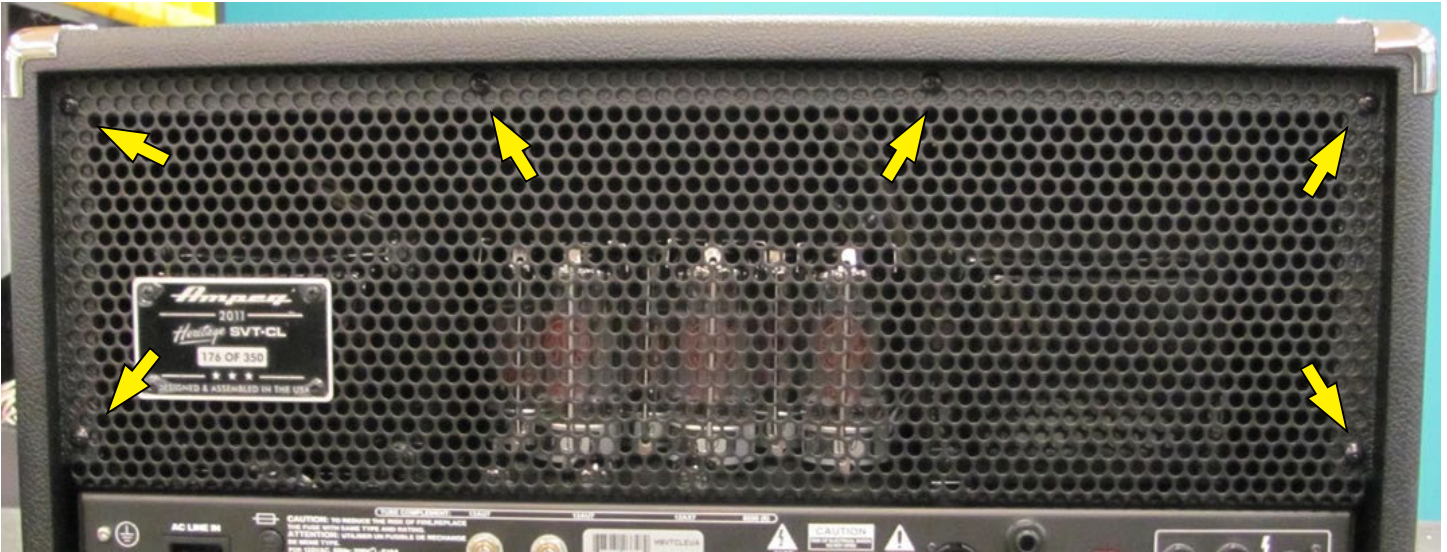


Figure 1a

2. Place the product with the front facing forward. Locate the four screws for the pre-amp chassis, on the top front, as shown in figures 1a and 1b. Also it is advised to remove the washers as they are not affixed and tend to fall off and get lost.



Figure 2a



Figure 2b



3. Once the Preamp assembly is free carefully pull it out but not completely, as seen in Figure 3a. This is only to remove the front grill and fan.



Figure 3a

4. Pull the grill forward just enough to access the fans power cable as seen in figure 4a.

**Note!** The velcro tabs that keep the grill in place can be reluctant so take care not to damage the power connector. Once the cable is disconnected it is safe remove the grill completely.



Figure 4a

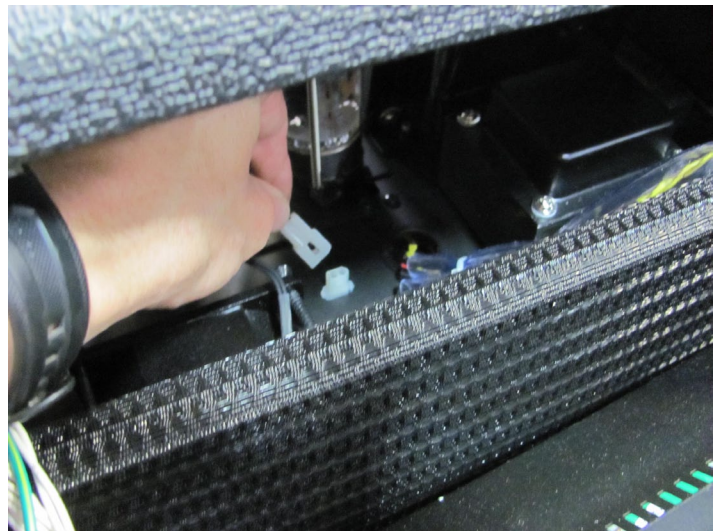


Figure 4b



# Ampeg® Disassembly Procedure

5. Place preamp section back into place, you do not need to bolt it in . Carefully turn the whole cabinet over to get access to Power Amp screws on the bottom, as seen in Figure 5a and 6a.



Figure 5a

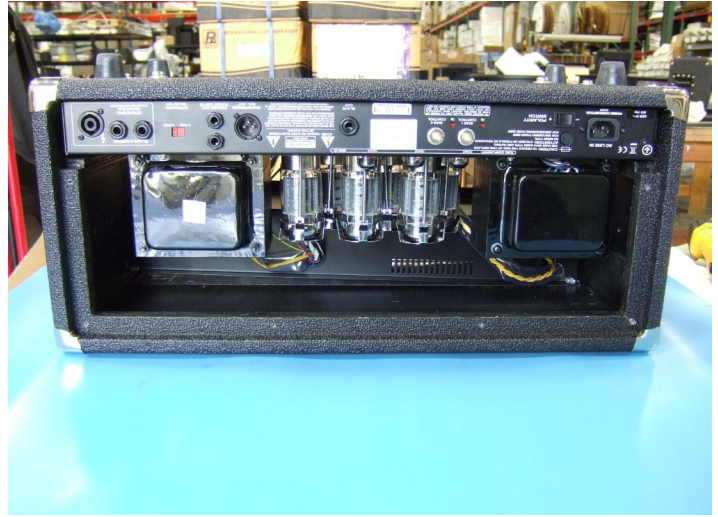


Figure 5b

6. Locate and remove the five screws to take out the Power amp assembly.

**WARNING! Some older units do not have cabinet bracing for the Power Amp. The Power Amp may need to be supported from the underside of the two transformers.**

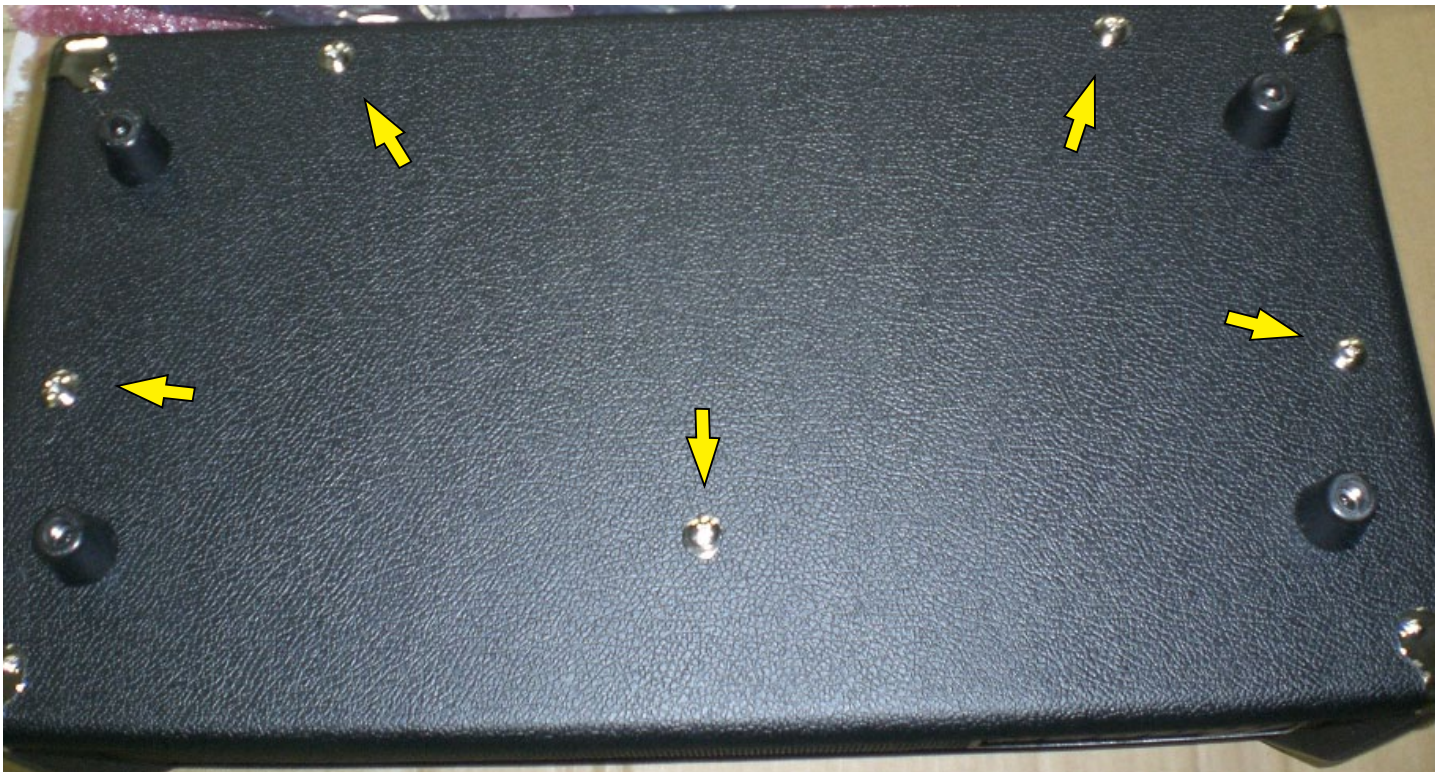


Figure 6a



7. Before removing the Power amp assembly, place the Preamp chassis at an angle as seen in Figure 7a. Support the Power amp assembly by the underside of the two transformers, carefully pull out the entire assembly half way. **NOTE!** It is very heavy so care should be taken during this process. See Figure 7b.

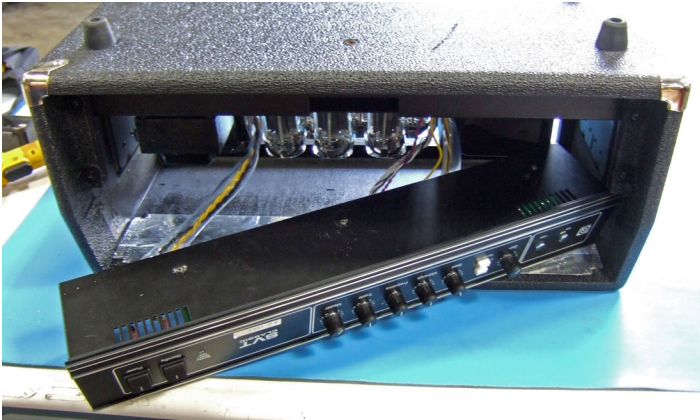


Figure 7a



Figure 7b

8. Once the Power Amp assembly is halfway out, seen in Figure 8a you will be able to grab the chassis from the sides to complete the removal. Set it carefully on the transformers once it is clear of the cabinet. Remember the Pre Amp is attached and care should be taken.

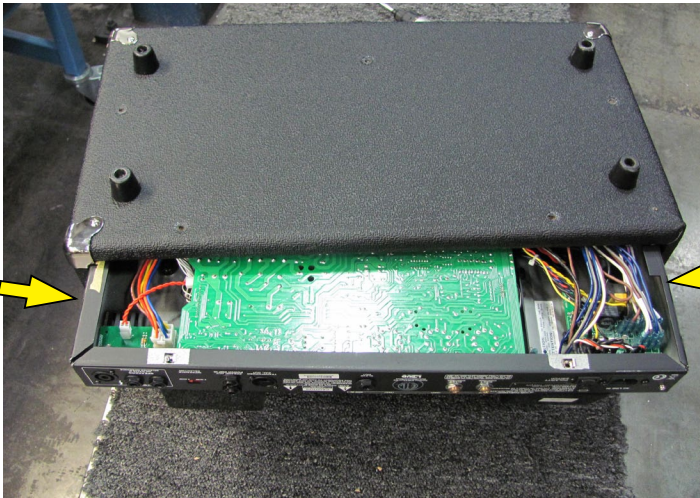


Figure 8a

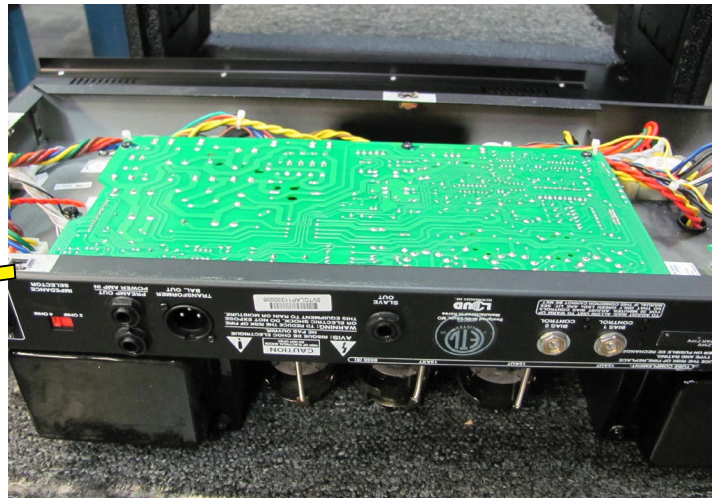


Figure 8b



9. Now pull the Pre Amp section thru the cabinet as seen in Figures 9a. Once it is clear of the cabinet it is suggested to set the cabinet aside as seen in Figure 9b.

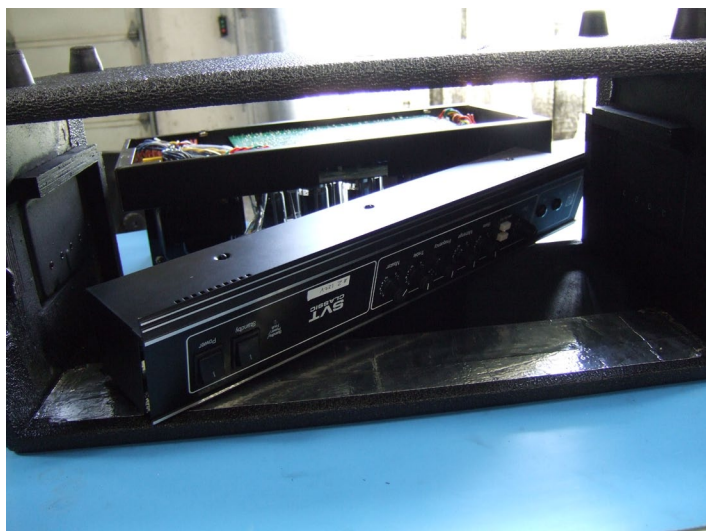


Figure 9a

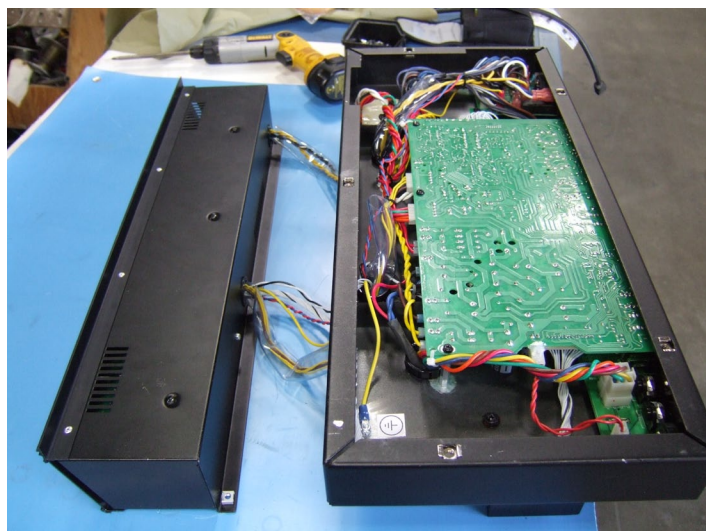


Figure 9b

10. Carefully remove the three Pre Amp tubes and set aside in a safe place for reassembly. Shown in Figure 10b. It is best to pull straight down and not oscillate or rock the tube as much as possible.



Figure 10a



Figure 10b



# Ampeg® Disassembly Procedure

10. Remove the nuts and washers for Pre Amp Out, Power Amp Out, Slave Out, Bias 1 Control and Bias 2 Control. Remove the two screws for the Transformer Bal Out. See Figure 10a.

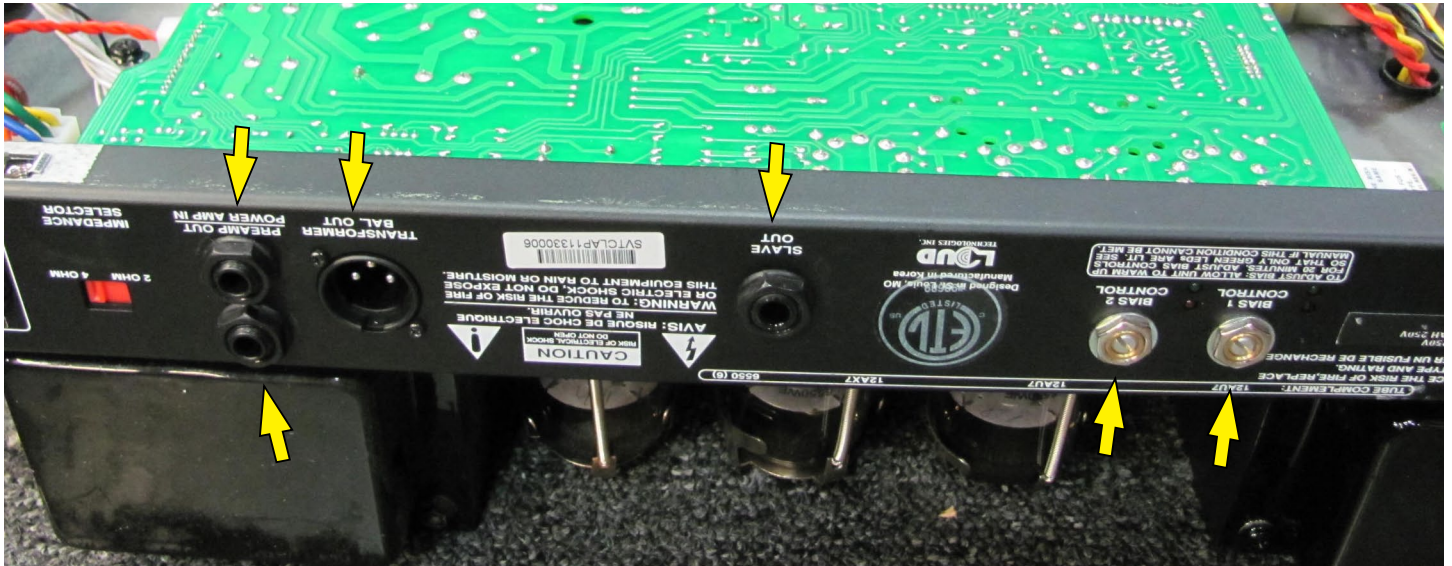


Figure 10a

11. Now disconnect the connections for the Preamp, Speaker and Filament Transformer. See Figure 11a.

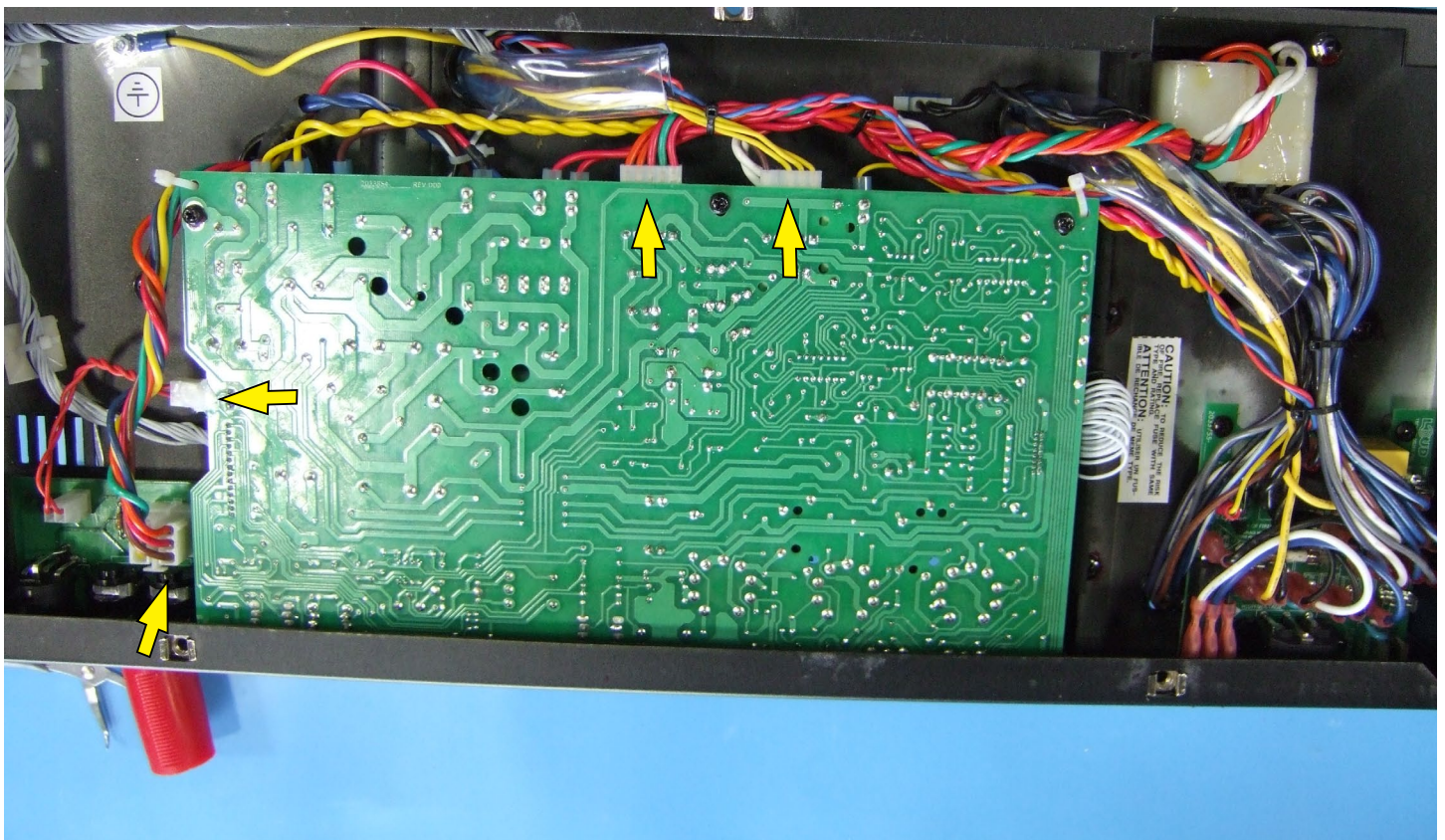


Figure 11a



12. Cut the two cable ties found on each corner of the main board. See figure 12a and 12b.

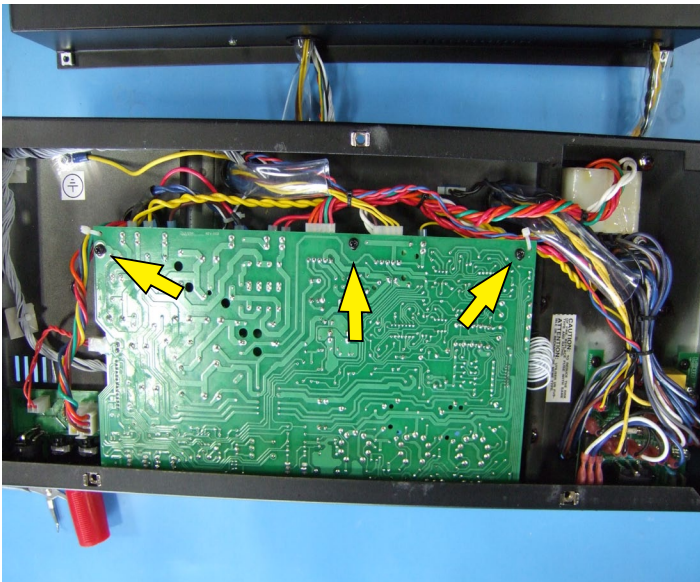


Figure 12a

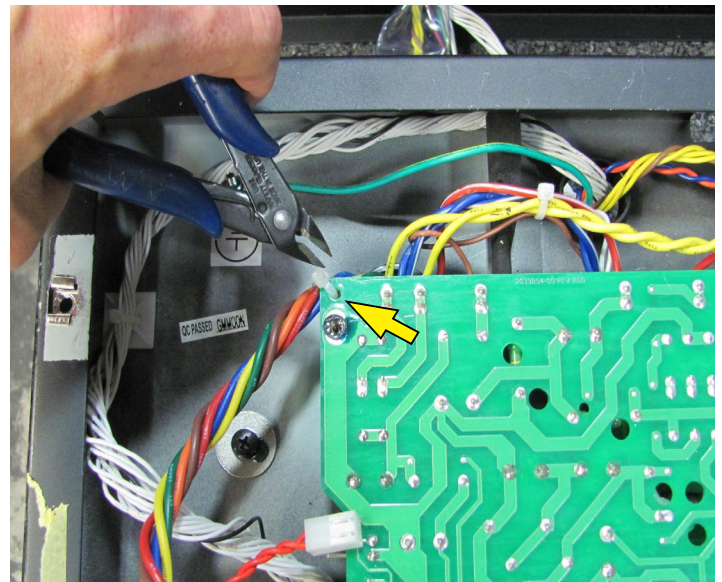


Figure 12b

13. Remove the two screws located next to where the cable ties were located. There is also a third located between them that will also need to be removed, see Figure 12a, 13a and 13b.

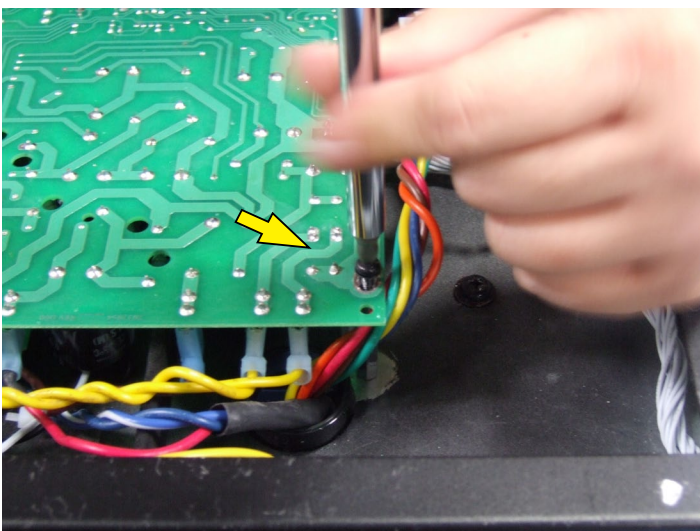


Figure 13a

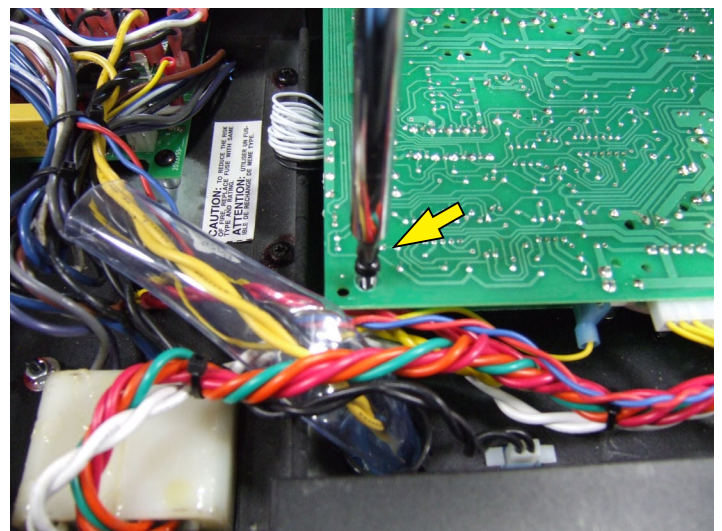


Figure 13b

## **Coffee break!**

I am personally having a Quad Mocha.



## Ampeg® Disassembly Procedure

14. Now carefully lift the PCB slightly back and up to clear the jacks and get access to the tube cable to be disconnected. As seen in Figure 14a. **NOTE!** there are three washers on the 1/4" jacks and two lock washers on the bias pots that you should take care not to loose.

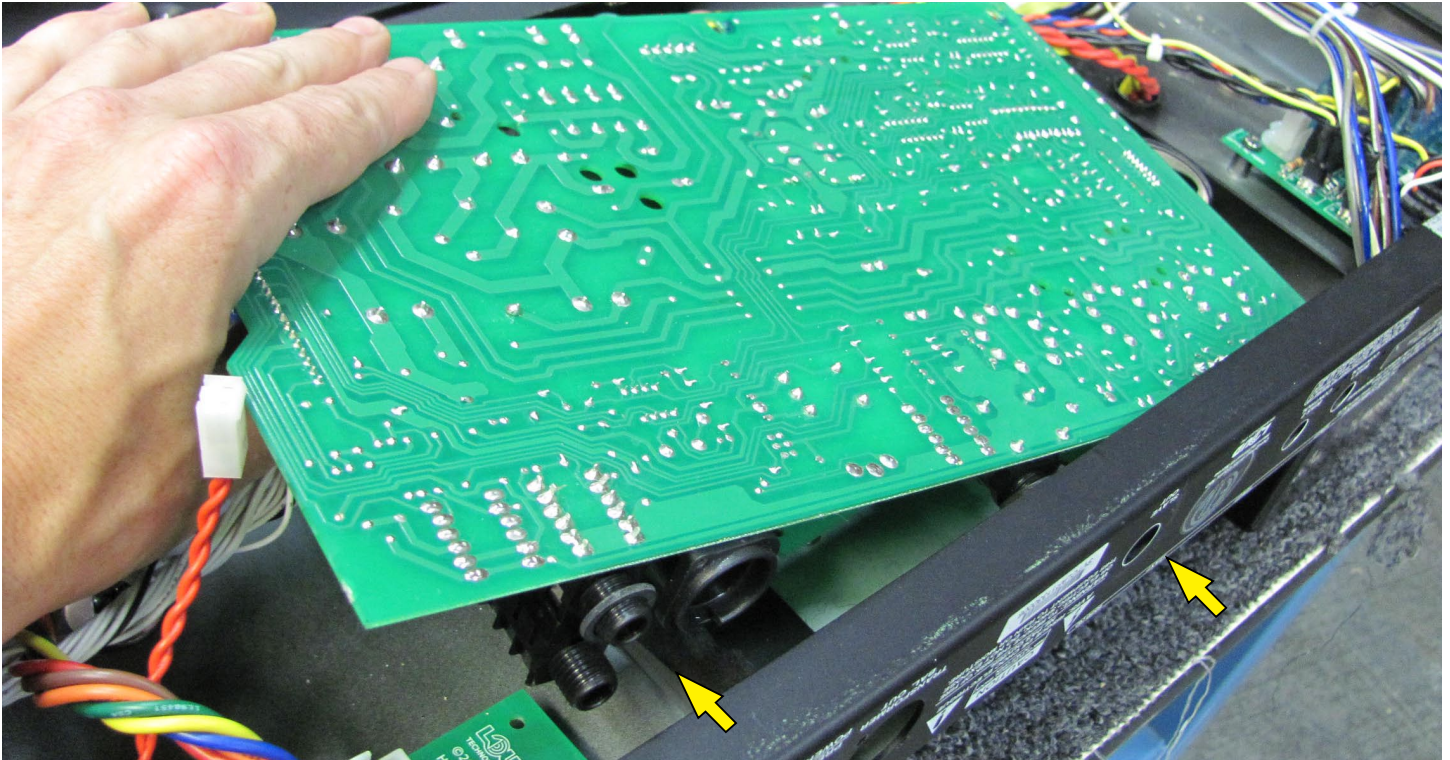


Figure 14a

15. Once accessible disconnect both the preamp cable on the left and the tube board cable on right of the underside of the PCB board , See Figure 15a.

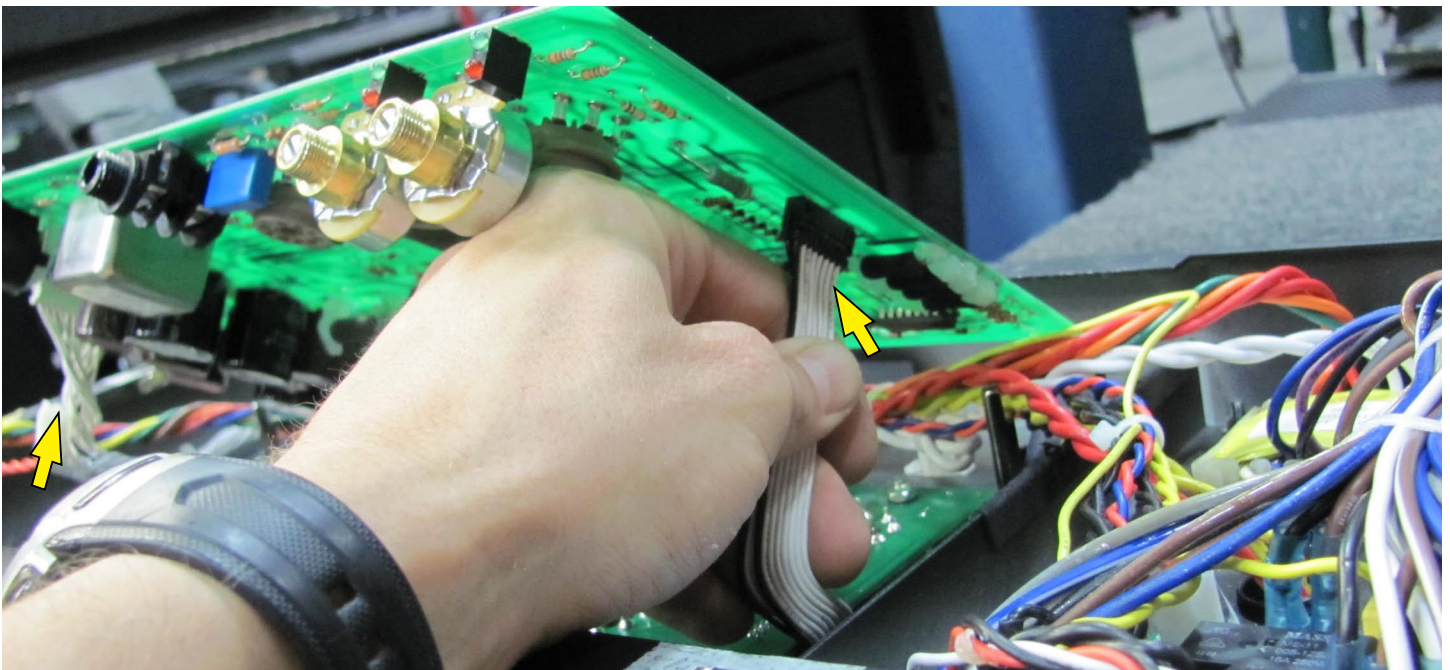


Figure 15a



16. Lift the board from the back to get access to the remaining connections for the power and tube board. As seen in Figures 16a and 16b.

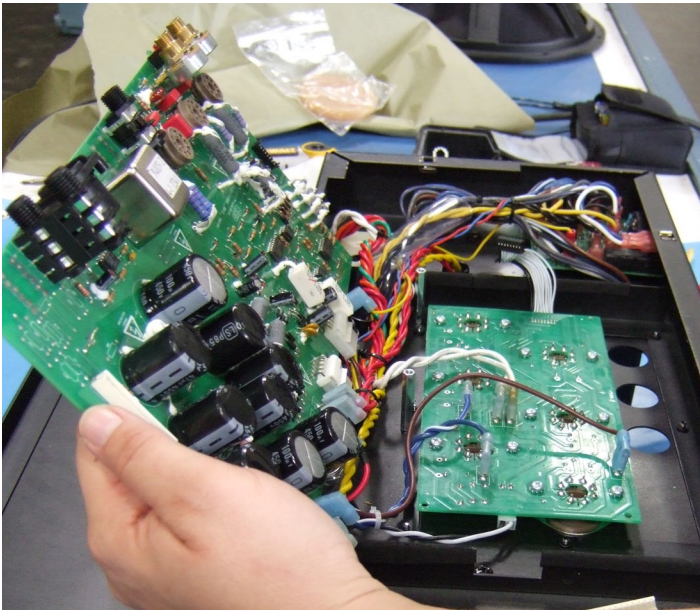


Figure 16a

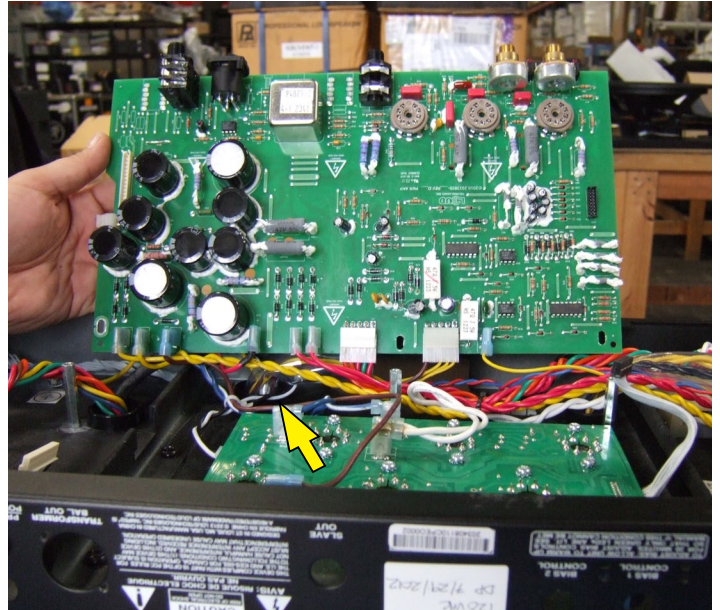


Figure 16b

17. With a pair of Needle nose pliers disconnect remaining seven faston connections as seen in Figure 17a. At this point you should have the main board free and safe to remove.

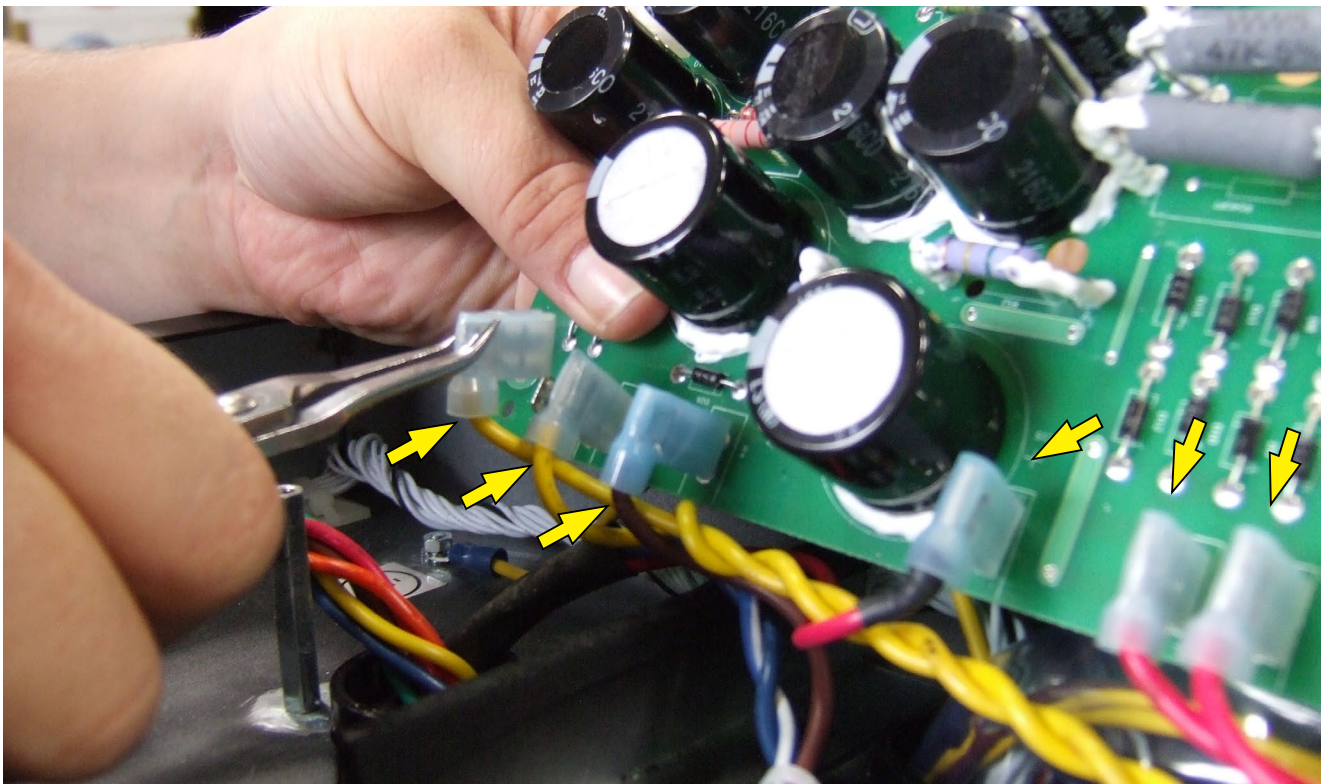


Figure 17a