



# Timberline Tone Controls

Rev. 2, 7/15/04

## Pictorial Installation Instructions

Following are basic instructions for installing volume and tone controls to the Timberline preamp. They are intended for a reasonably competent technician. If you are unsure of your abilities, do not attempt to perform this installation, obtain the services of a good technician. The preamp can be easily damaged by excessive heat and solder.

We also have a Volume and Tone Control kit (including mounting bracket) available if you prefer an easier alternative.

Materials used:

1. Mogami #2844, spirally shielded 4 conductor cable.
2. Tone pot – 100K audio taper
3. Tone capacitor - .0082uF, 25V minimum voltage rating
4. Volume pot – 25K audio taper (up to 100K is acceptable)

Basic procedure:

1. Fabricate mounting bracket.
2. Cut cable to proper length.
3. Remove preamp from the guitar and remove the cover.
4. First cut and then desolder and remove the two wire jumpers on the PCB. If you are only installing one of the two controls, be sure to cut the appropriate jumper and leave the other intact. Refer to Figs.1 and 3.
5. Wire the cable to the controls. Refer to Fig.2.
6. Wire the other end of the cable to the preamp. Refer to Fig.3.
7. Check your work. Refer to Figs. 1, 2, 3 and 4.
8. Re-install cover with cable exiting out the extra end slot.
9. Re-install the preamp in the guitar
10. Install the controls in your custom bracket and fit it in the guitar.
11. Install the strings, tune up and you should be ready to go.

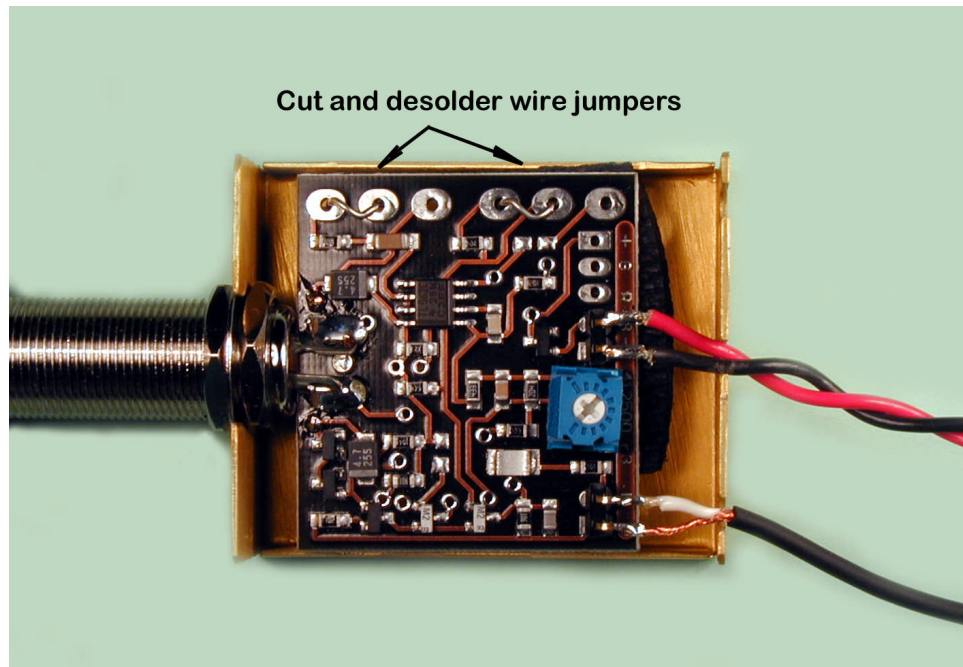


Figure 1 - Remove two jumper wires

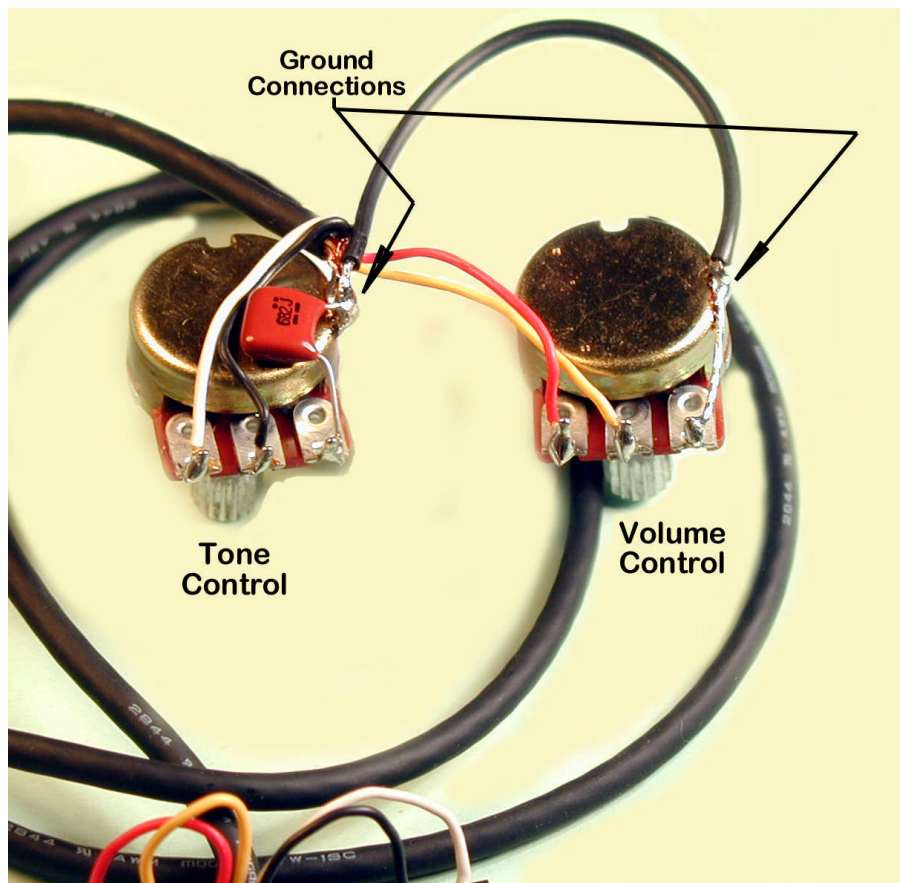


Figure 2 - Wiring up the potentiometers

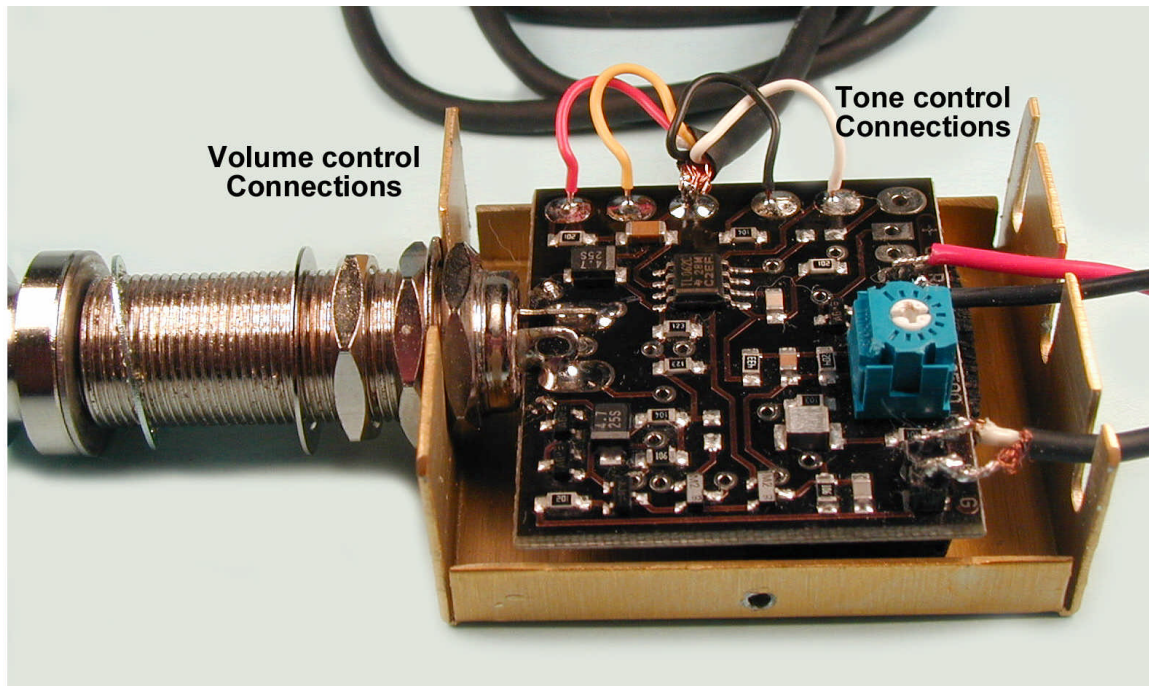


Figure 3 - Wiring up the PCB

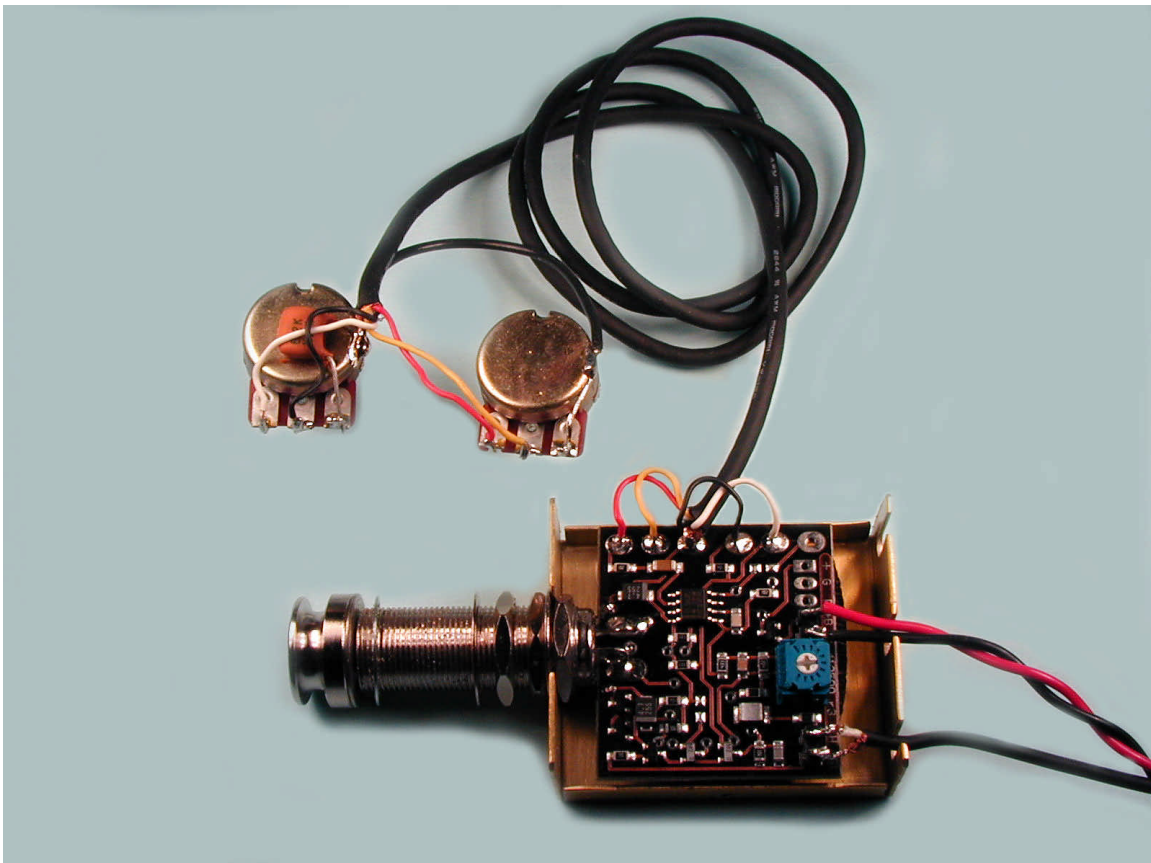


Figure 4 - Final configuration