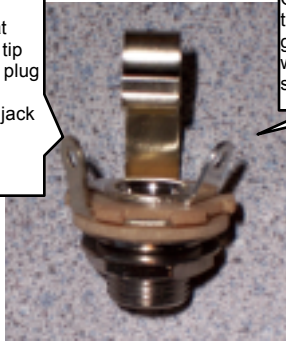
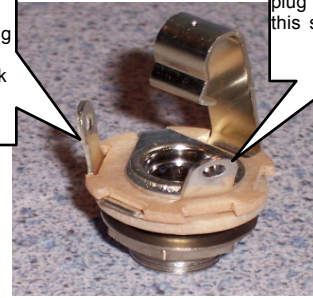


"Hot" tab- note that this tab is electrically connected to the flexible prong that only touches the tip of the guitar cord plug when the plug is inserted into the jack



Ground tab- note that the sleeve of the guitar cord plug would touch this surface

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Ground tab- note that the sleeve of the guitar cord plug would touch this surface

#### Locating the ground tab on the output jack:

If you un-solder all wires that may be connected to the output jack you can then use a multimeter to identify the ground tab.

Set the multimeter to read DC resistance & using the probes measure the DC resistance between each of the two tabs and the housing of the jack (this is the surface the sleeve of a guitar plug would touch). The ground tab will show low resistance (~0.1 Ohm), the "Hot" tab will show open circuit).

Once you identify the ground tab mark it with a magic marker, then re-solder the wires from your guitar circuit to the jack as indicated in the wiring diagram sent with your pickups.

If the output jack is wired backwards the grounded shielding will not function & the guitar will pick up any 60 cycle noise present in the environment.

#### Notes on tone potentiometers ("Pots"):

500k pots will retain all of the highs from these pickups when the tone pot is fully off, 250 k pots will scrub off a little treble and yield a "warmer" sound all of the time. Given this I generally use 500k pots because you can always reduce treble, but you cannot add it back in.

#### Notes on tone circuit capacitors ("Caps"):

A 0.047 mF cap has a larger capacity to remove treble frequencies from the guitar signal than a 0.022 mF cap. Small rotations (< 1/8 turn) of the tone pot when a 0.047 mF cap is installed makes very noticeable reduction in treble frequencies. The 0.022 mF cap has a smaller range and provides more sensitive control of the treble frequencies. I prefer the 0.047 mF cap. This is a relatively easy and inexpensive thing to change and experiment with until you settle on the cap you prefer. You could add leads to the cap and run these leads to the tremolo cavity in the back of your guitar. This temporary setup would allow you to change caps without removing the PG assembly. I hope this is helpful.

#### Notes on pickup height adjustment:

Start with the neck & middle pickups a little over 1/8" inch from the strings. I usually have the bass side of the PUP slightly closer than the treble side.

The bridge PUP can be closer to the strings than the middle & neck PUPs. Again, bass side closer.

The best way to get the exact right height adjust for your guitar is to plug into your amp & have a screwdriver handy. Play a little, adjust & repeat as required to get the right tone & balance.

If the PUPs are too close to the strings you will experience "Wolf tones" poor sustain and an electronic tuner will work erratically.

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