

# FIVE TONE TELE!

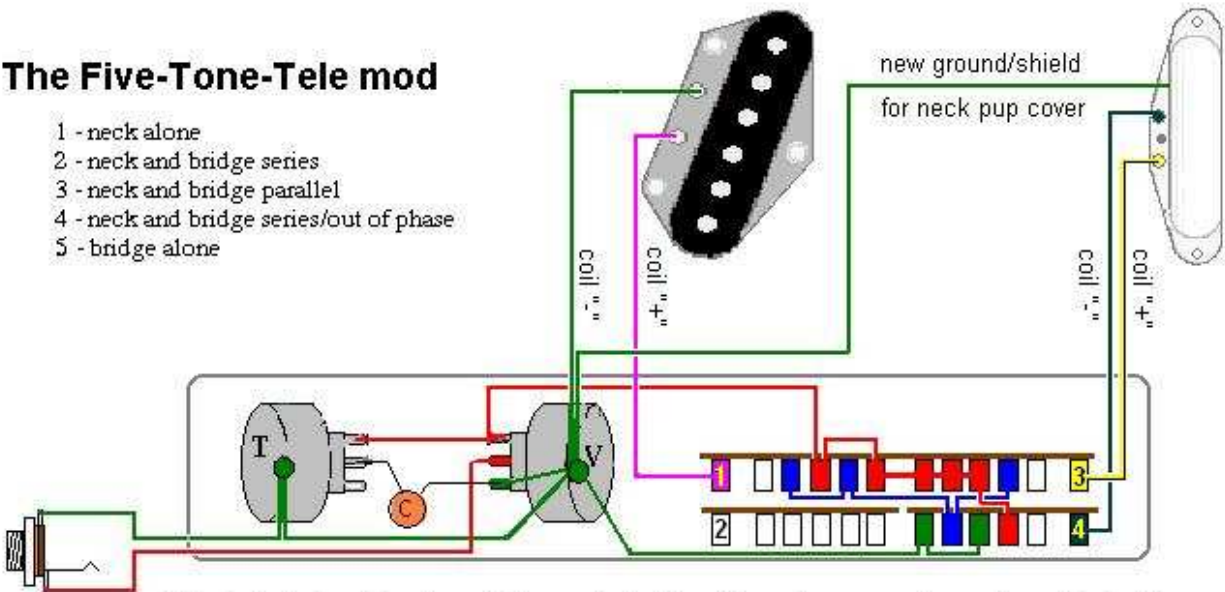
Here's the Deaf Eddie **FIVE TONE TELE** kit, using the **SuperSwitch**. All the jumpers on the switch are pre-wired, all you have to do is remove your old three-way, install the SuperSwitch, and connect your Tele's pickups up to it.

**NOTE:** IF you have a three-conductor neck pickup, ignore the second page.

If you have the traditional two-conductor pickup with a metal cover, go to the second page **NOW**.

## The Five-Tone-Tele mod

- 1 - neck alone
- 2 - neck and bridge series
- 3 - neck and bridge parallel
- 4 - neck and bridge series/out of phase
- 5 - bridge alone



This is typical wiring for a Tele control plate, flipped over and seen from the bottom

### Replace the 3-way with the 5-way switch:

1. Remove your control plate.
2. Unsolder the bridge and neck pickup's hot leads from the old three-way switch.
3. Unsolder the switch's output to the volume pot from the volume pot.
4. Remove the old switch.
5. Install the new switch (see drawing).

### Connect the 5-way's two pre-wired leads:

1. Solder the **RED** lead from the switch to the volume pot's input lug
2. Solder the switch's **GREEN** ground lead to ground on the back of the volume pot.

### Connect the pickups to the new 5-way:

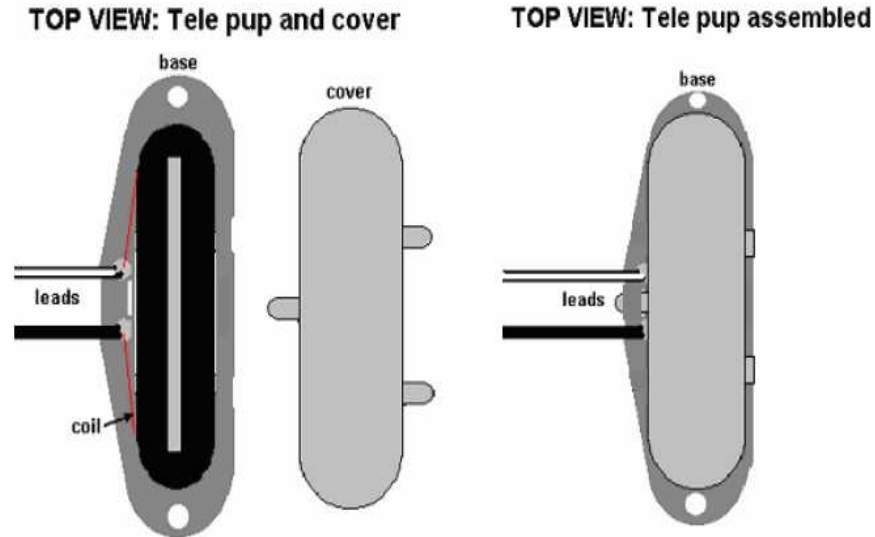
1. Solder the bridge pup's hot lead to the #1 common lug (closest to the volume pot).
2. BOTH of the neck pickup's coil leads are soldered to the common lugs at other end of the switch.
  - a. The neck pup's **hot** lead goes on the #3 common lug, the one with the **string tied through it** - yes, cut and remove the string first!
  - b. The neck pup's negative (aka "ground") lead is soldered to the #4 common lug,

### Tone chart for the Five Tone Tele mod

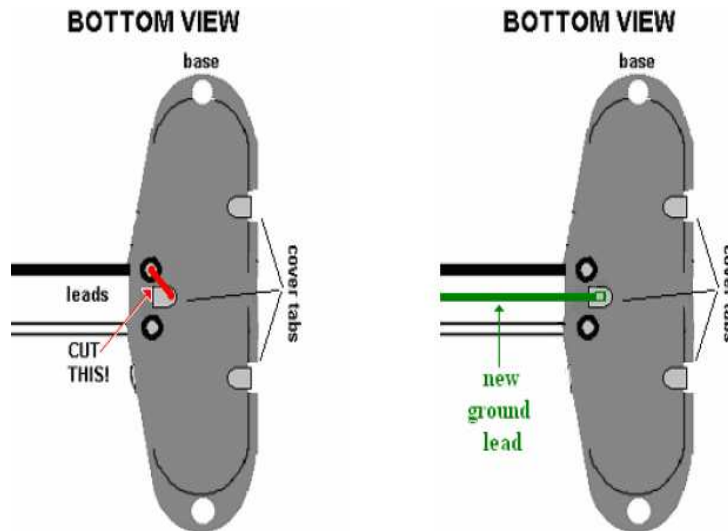
Switch position	Pickup combination
1-----	NECK only (front pickup)
2-----	<b>Neck and bridge SERIES</b>
3-----	Neck and bridge parallel
4-----	<b>Neck and bridge SERIES/out of phase</b>
5-----	BRIDGE only (back pickup)

If you have a "stock"-style two-conductor neck pup with a metal cover, you will want to "un-ground/re-ground" the cover. This is desirable because with the stock wiring, the cover USUALLY has continuity with the ground lead from the neck pup, and that means that in certain pup selections, the cover is actually is on the "hot" side of the signal. To "un-ground/re-ground" it, all you have to do is run a new wire from the control cavity to the neck pup's rout. Solder the end in the control cavity to any ground. At the neck pup end, cut the existing jumper that goes from the cover to the neck pup's negative (aka "ground") lead, and solder the new ground wire to the cover, usually where that jumper was attached (NOT the pup's ground lead) to the cover. When done correctly, if you now check it with a meter, the neck pup's cover will have continuity with the guitar's ground no matter what pup combo is selected on the 5-way.

Here's a typical Tele neck pup with a metal cover, shown disassembled. This has the traditional-style two separate leads, which are the coil's hot (here in **white**) and negative (here in **black**).



From the bottom, you should see the jumper (shown here in RED) that goes from the coil's negative lead to a tab of the metal cover. Clip it, and add the new ground wire for the cover (shown here in green), with the other end of this ground wire soldered to GROUND in the control cavity, on the back of the volume pot - **NOT with the neck pup's negative lead on the pickup selector switch.**



The alignment of your pup's leads may differ from the drawing, and may be different colors, but as long as you find the coil's NEGATIVE lead and its jumper to the cover (shown here in RED) you should be able to accomplish the "unground/regrounding" of the metal cover to insure quiet operation of this mod.