



Rothstein Guitars

Platinum Lab Varitone



6 POSITION VARITONE (for Guitar)

QUICK START / INSTALLATION

- **White is positive** (or hot) and will need to be soldered to either the outer lug of the volume pot or directly to the hot lug of the output jack. In the case of a Strat style guitar (for example), when opting for master volume, master tone and master varitone, you can connect this white wire to the wiper of the first tone control (see example diagram below). When in doubt, the simplest thing you can do on ANY guitar is to solder this white wire to the hot lug on your jack.
- **The black wire is negative** (or ground) and needs to be soldered to ground, which is located on the back (casing) of one of your pots.

Universal Compatibility: This control is designed for ANY passive guitar circuit regardless of make or model. If your guitar has a standard output jack and volume control, this will work. Simply connect the white wire to the "hot" signal and the black wire to ground.

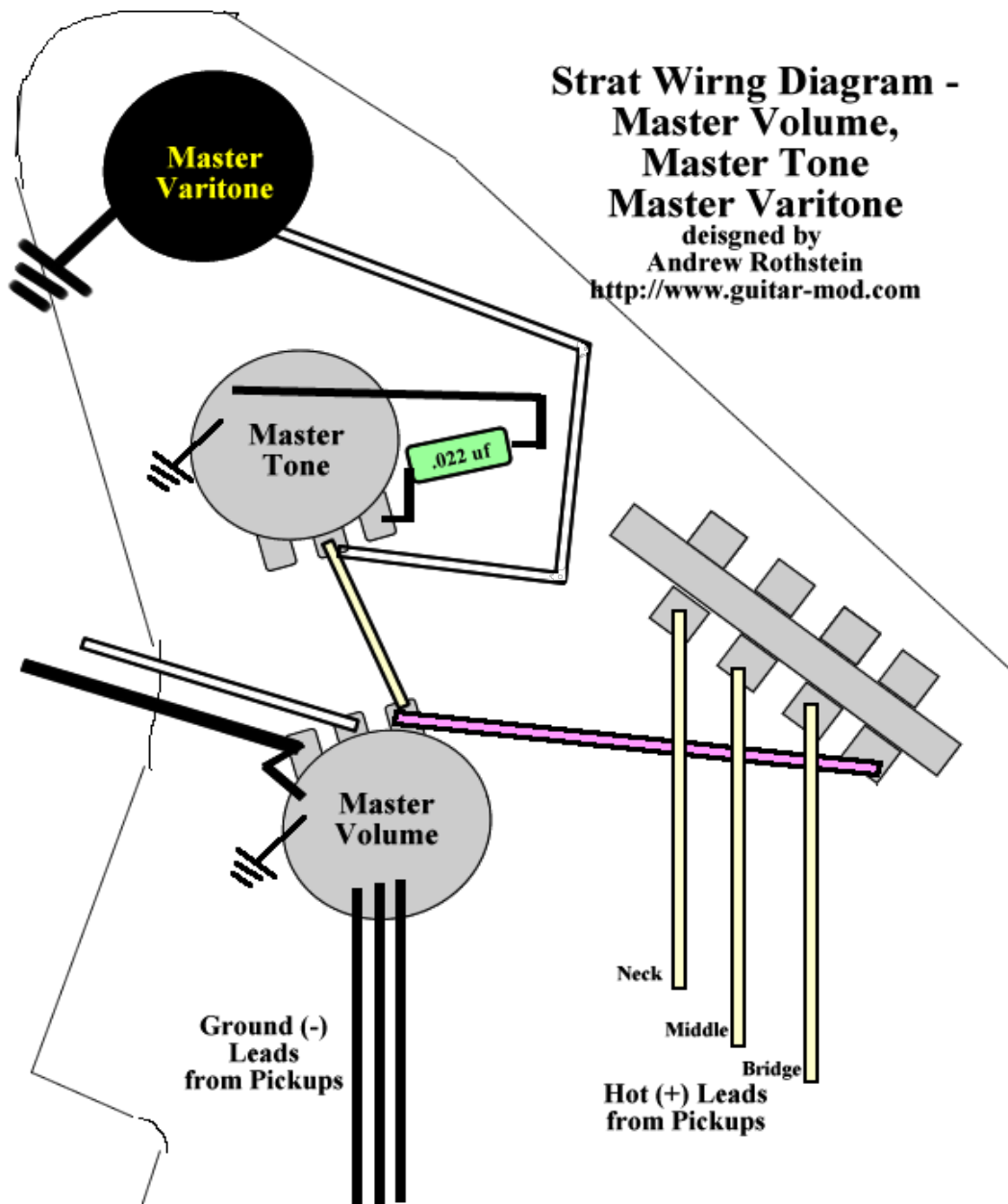
SOLDERING BEST PRACTICES

- ONLY use **60/40 rosin core solder**.
- When soldering, remember to heat the connection you are soldering as opposed to just melting solder on top of it, or you risk having a cold solder joint which isn't conductive.
- The varitone is designed to fit in any standard guitar control cavity (eg. Strat, tele etc..) but the orange drop capacitors and inductor make it somewhat bulky.
- **Pro Tip:** Use electrical tape to cover the capacitors/inductor if your control cavity is tight or shielded to prevent shorts.

EXAMPLE HOOKUP DIAGRAMS

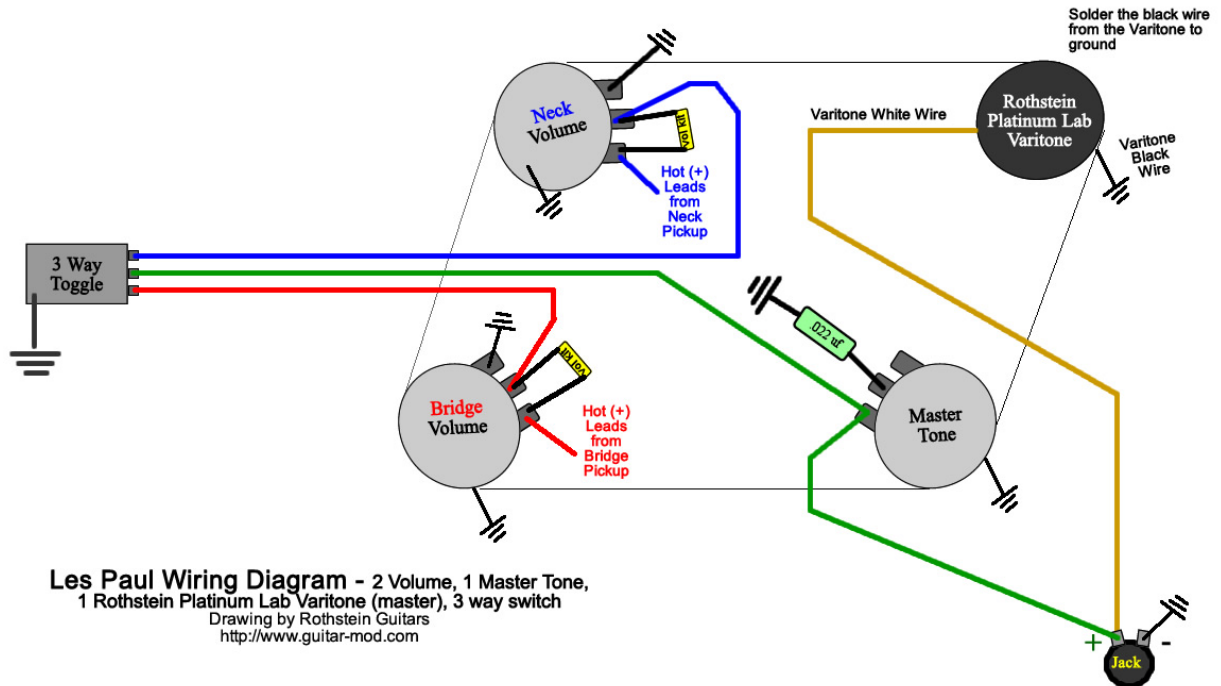
Strat Style Guitar

Note: In the diagram below the 3 dashed lines represents the ground symbol.



SG or Les Paul Style Guitar

Note: In this configuration both the standard tone pot and the varitone function as "master" controls, affecting all pickups, regardless of which pickup is selected via the toggle switch.



OPERATION INSTRUCTIONS

The varitone will supply you with 5 interesting tonal filters plus a true-bypass position

- **Position 1** = true bypass
- **Position 2** = subtle cut of highs - softens up a harsh tone
- **Position 3** = Clapton style "woman tone" – works well with w/overdrive for a creamy distortion
- **Position 4** = mid-scoop - hollow tone which works well for funky rhythms
- **Position 5** = warm jazz - great if you are after a unique darker tone for jazz
- **Position 6** = dark jazz - a more dramatic effect