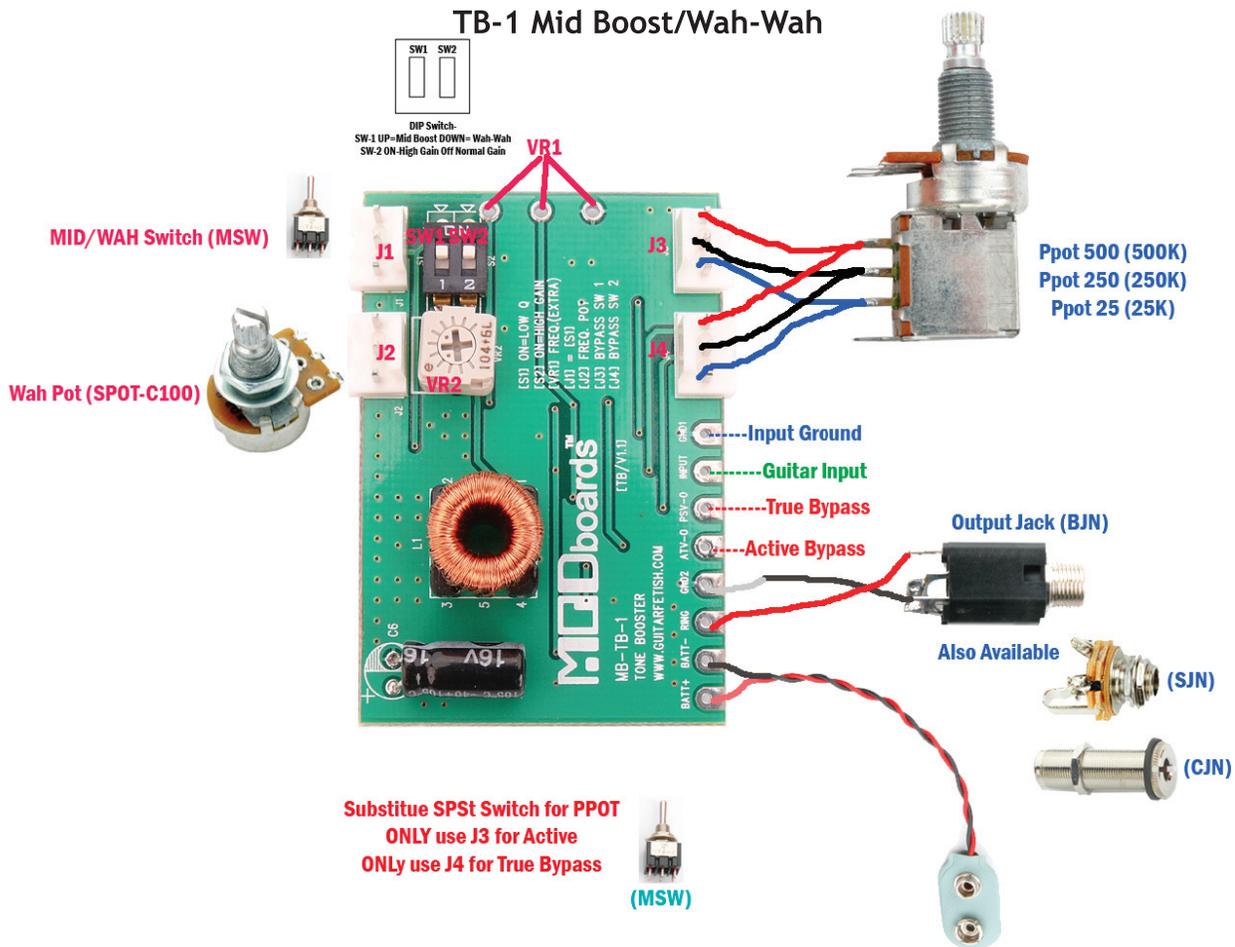


MIDboards™



The TB-1 Gives you two choices- Adjustable Mid Range Boost or Vintage Wah-Wah. There is only one adjustable control pot- The SPOT-C100, which controls the frequency of the mid boost or the Wah-Wah sweep. Use it just as you would use the footpedal of a traditional floor mounted wah.

There are TWO switches required for operation. You Must have a switch to turn the unit on and off- You may choose the MSW2 dual mini switch or one of the PPOT push-pull switches. To switch between Mid Boost and Wah-Wah you need either a single MSW switch connected to J1, or one plug from a PPOT. On A Strat you can use a PPOT in the lower position to control the on-off, a PPOT in the middle position to control volume, and a SPOT-C100 in the top position for Wah. You need the C100 pot to be closest to your picking hand so you can control it.

The Gain switch (SW2) Chooses between low and high gain- and you use the VR2 board mounted pot to control overall output gain- Do that bit of experimenting with the board out of the guitar, setting it for your own preference.

With the S1 Switch in the Up position the board will function as a Mid-Boost with slight treble attenuation. The effect will turn the typical single coil pickup into a replication of a humbucker. In low gain mode the overall output remains unchanged. In high gain mode a noticeable volume boost is present as well.

With the S1 Switch in the Up position the board will operate like a classic Wah-Wah pedal, controllable via the SPOT-C100. You'll find the sweep of the knob is most usable in the last 20% of the pot's travel, which makes it very easy to operate with the pinky finger of your picking hand.

Buffered Output- Soldering the output jack to the Buffered Output mode means that the Op-Amp is always on- giving your guitar clean unity gain when the switch is OFF. This is an excellent choice since your guitar is now Low Impedance-cleaner signal, drives effects better, no capacitance buildup with long cable runs. The only downside is your guitar MUST have a working 9 volt battery to operate.

True Bypass- In this mode when the switch is off the guitar is 100% PASSIVE- no battery needed. This extends battery life and gives you the true unaffected sound of your guitar. The only downside is a slight pop when the circuit is engaged.