



## **\*PRELIMINARY SOLUTION FOR ACTIVE PICKUPS SHARING A 9 VOLT BATTERY BETWEEN N-TUNE AND PREAMP**

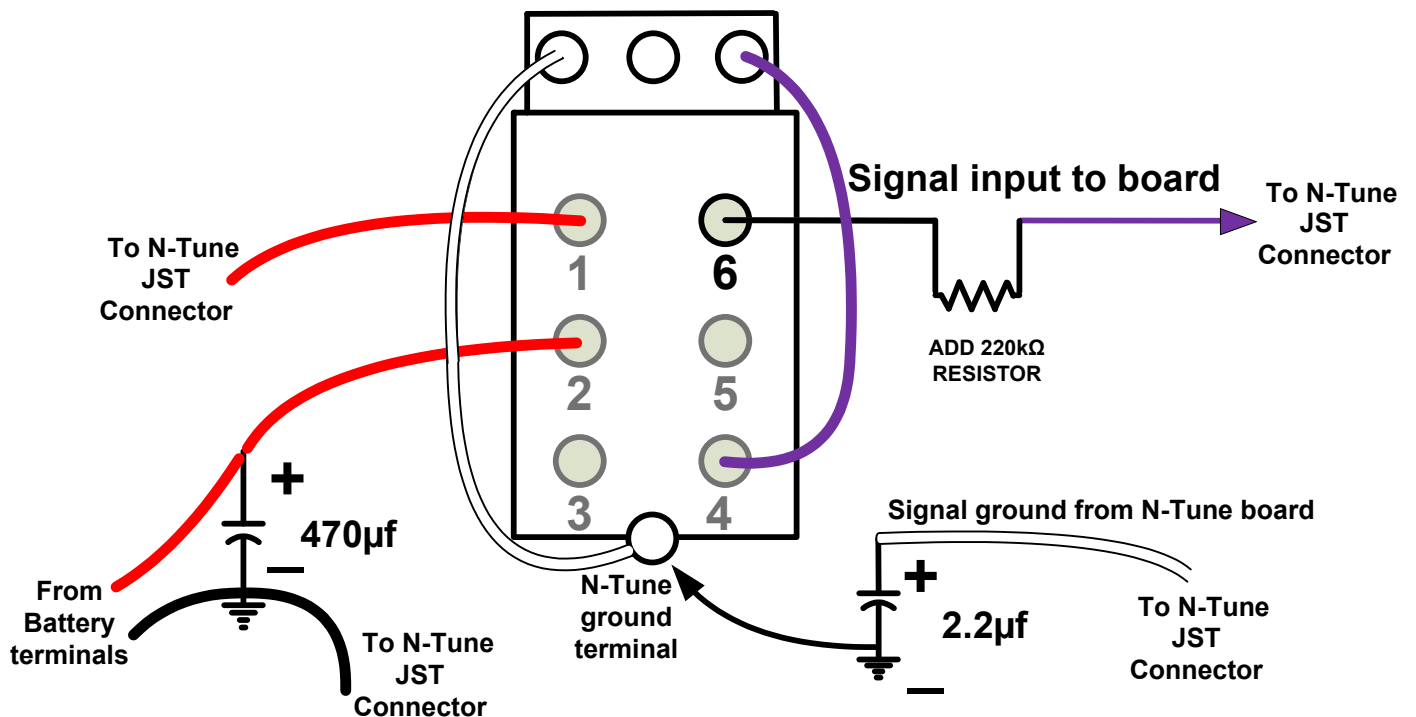
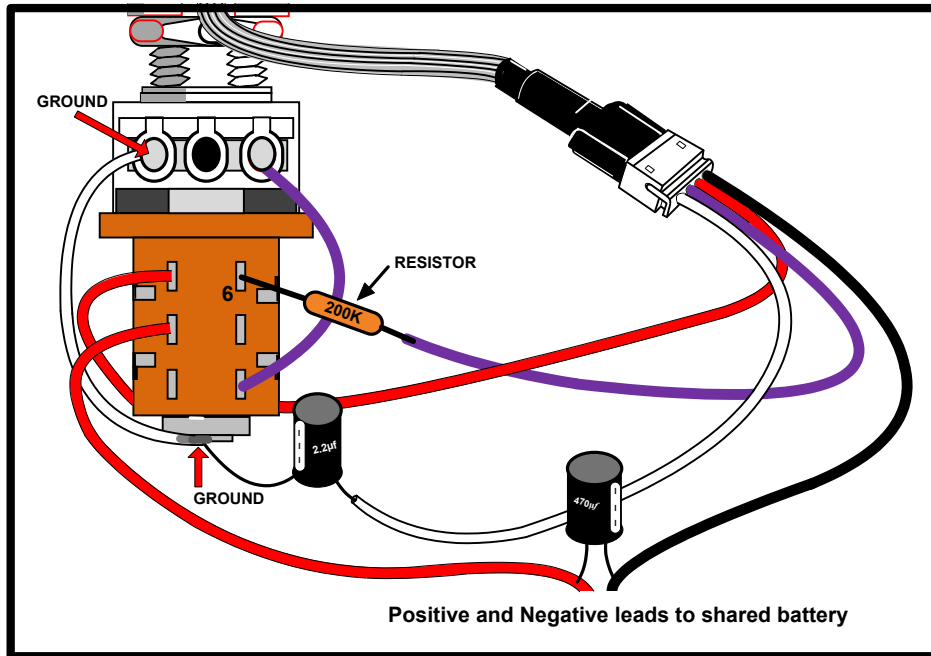
This configuration should be utilized when there is not enough room for a dedicated battery for the N-Tune, and allows for the sharing of an existing battery that is being used for active electronics.

- 1. Remove the battery connector from the N-Tune pot assembly.**
- 2. Install a 470 $\mu$ f electrolytic cap between the positive and negative leads of the red and black N-Tune battery wires where they will splice into the current battery leads.**
- 3. Install a 2.2 $\mu$ f electrolytic cap between the white signal ground wire and ground, with the negative side of the cap connected to ground.**
- 4. Install a 220k resistor in-line to the purple lead that comes from Terminal 6 of the N-Tune switch and the N-Tune JST connector.**
- 5. Be sure to insulate all bare connections to prevent shorts.**



# TECH BULLETIN

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\*This wiring scheme is not currently supported by N-Tune or Zero Crossing, Inc., and is provided only as information as a possible method for testing the use of the N-Tune tuner with active pickups. Any modifications to your guitar or bass are at your own risk and Zero Crossing, Inc. accepts no responsibility to any damages incurred.