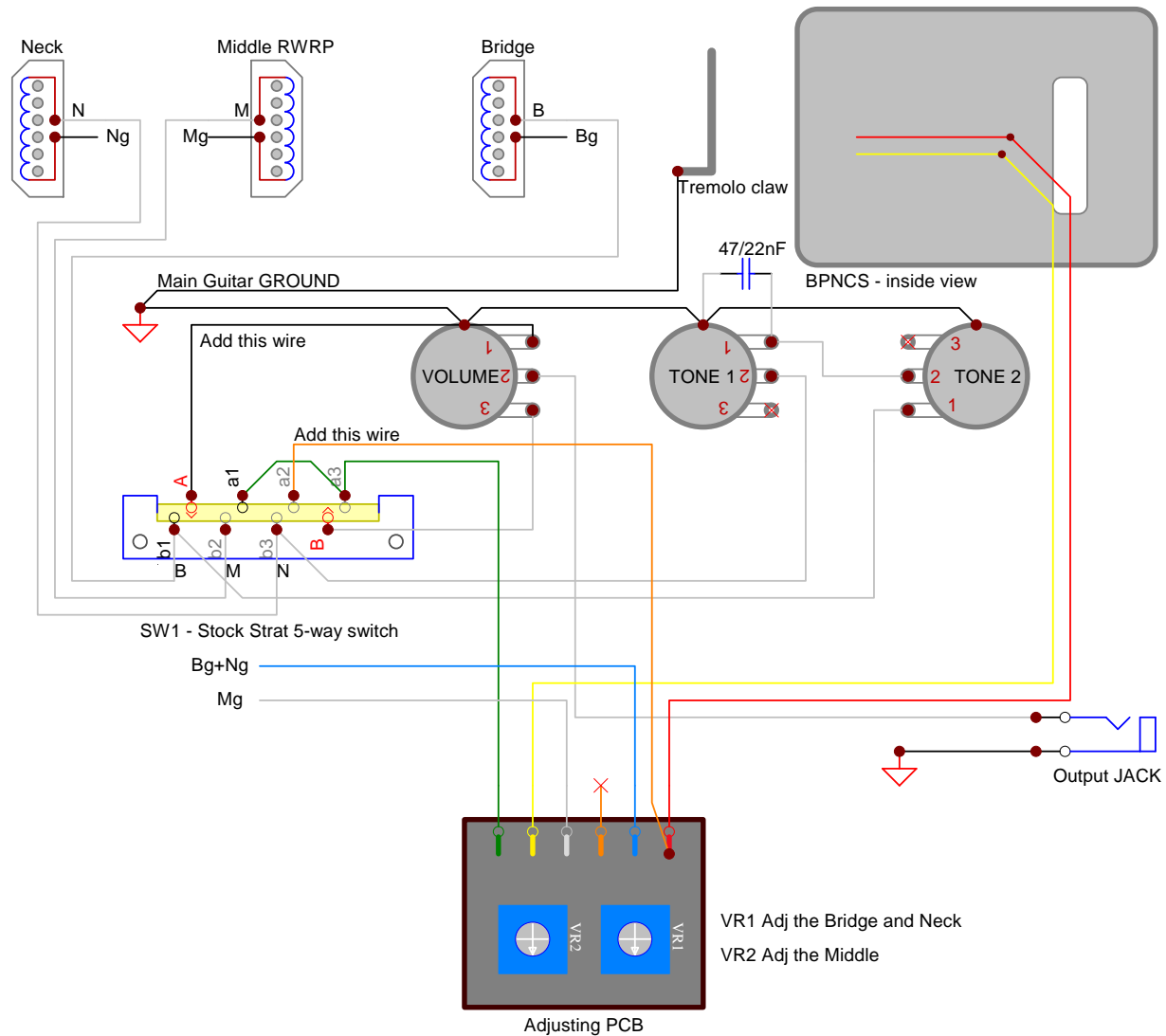


Wiring Diagram
BPNCs (Back Plate Noise Canceling System) for STRAT® style guitars. SSS Rev2
 Bridge, Middle, Neck - SC pickups; RWRP Middle; Stock strat 5-way pickup selector switch



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Notes:

***Disconnect (cut or unsolder) Bg, Mg and Ng from GROUND!**

1. The three pickups are same style (i. e. Alnico 5 magnet rod poles) and their DC resistance difference is less than 1KOhm
2. PCB modifications:
 =Add an extra wire (or cut and use the Orange wire) connected to the Red wire spot back side on the PCB;
3. Add wire to connect pin A on the switch to Ground
4. Use top half of the 5way switch for the BPNCs only!
5. Connect Green wire from PCB to pins a1+a3 on switch
6. VR1 adjusts noise canceling of the B and N pickup
 =Rotating VR1 CCW must reduce the noise
7. VR2 adjusts noise canceling of the Middle pickup
 =Rotating VR2 CW must reduce the noise
- *If 6 and 7 are not right - swap Yellow and Red wires at the BPNCs connections

Operations:

- Position 1 - Bridge - no hum by the BPNCs
- Position 2 - Bridge + Middle - no hum
- Position 3 - Middle - no hum by the BPNCs
- Position 4 - Neck + Middle - no hum
- Position 5 - Neck - no hum by the BPNCs
- TONE 1 permanently assigned to Neck pickup
- TONE 1 effective for:
 Position 5 - Neck only
 Position 4 - Neck + Middle
- TONE 2 permanently assigned to Bridge pickup
- TONE 2 effective for:
 Position 1 - Bridge only
 Position 2 - Bridge + Middle
 Position 3 - Middle ONLY - no TONE applied
- **You can also choose Master Tone or Tone 1 and Tone 2 to be assigned differently