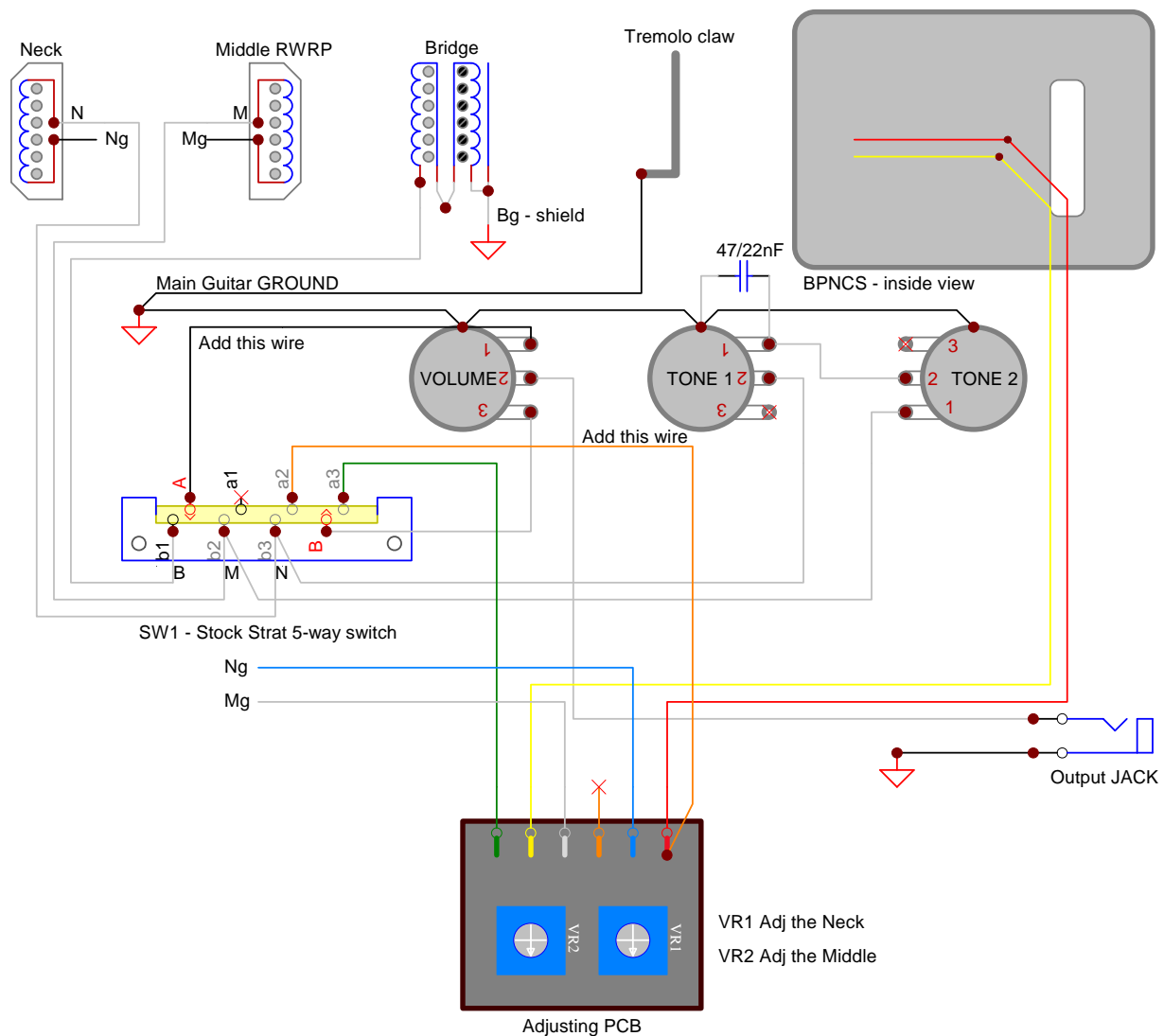


Wiring Diagram
BPNCs (Back Plate Noise Canceling System) for STRAT® style guitars. HSS Rev3
 Bridge - Full HB; Middle, Neck SC pickups; Middle RWRP; Stock strat 5-way pickup selector switch



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Notes:

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

1. The M and N pickups are same style (i. e. Alnico 5 magnet rod poles) and Middle pickup is RWRP compared to Neck pickup
 2. PCB modifications:
 =Add Orange wire connected to the Red wire spot;
 =Remove one of the small brown SMD capacitor (if loaded) that is located on the PCB back under VR2
 3. Add wire to connect pin A of the 5way switch to Ground
 4. Use bottom half of the 5way switch for the BPNCs
 5. Green wire from PCB is NOT connected to Ground
 6. VR1 adjusts noise canceling of the 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 - Full HB no hum
- Position 2 - Bridge Full HB + Middle - no hum
- Position 3 - Middle - no hum
- Position 4 - Neck + Middle - no hum
- Position 5 - Neck - no hum

TONE 1 effective on N; N+M;
 TONE 2 effective for N+M; M; M+B
 Bridge ONLY - NO TONE applied

**You can also choose TONE 1 and TONE 2 to be assigned differently or have "Master Tone" on TONE 1 or TONE2

Works same way for BPNCs; PGNCs-S and LNCs on a HSS Strat style guitar