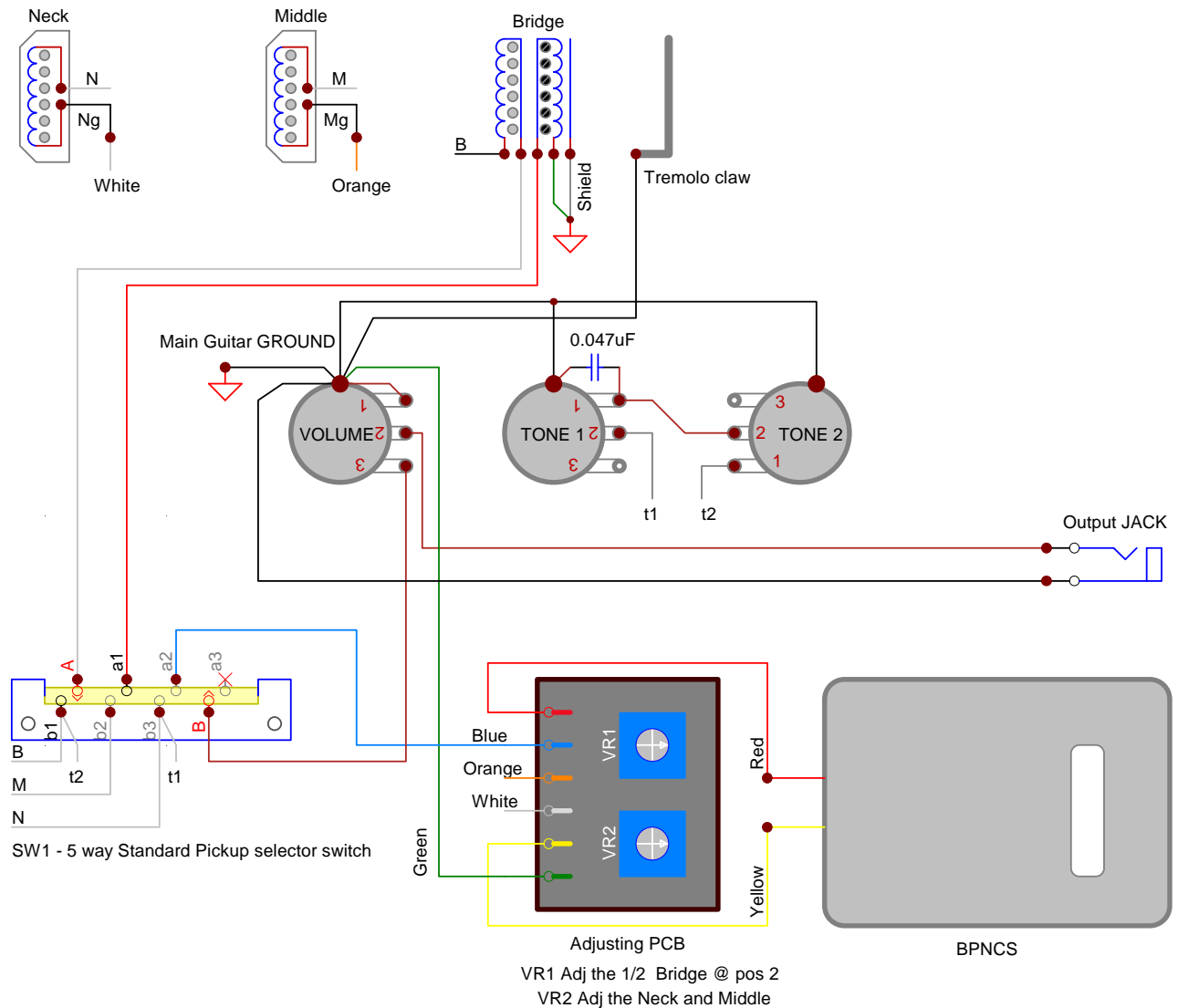


Wiring Diagram

BPNCs (Back Plate Noise Canceling System) for STRAT® style guitars. HSS Rev1
 Bridge - split HB @ pos2 ; Middle, Neck same polarity SC pickups; 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 same polarity
 2. PCB modifications: N/A
 3. Wire the 5way switch as it is shown on this schematic
 4. Green wire from PCB is connected to Ground
 5. VR1 adjusts noise canceling of the 1/2 B pickup @ pos 2
 =Rotating VR1 CCW must reduce the noise
 6. VR2 adjusts noise canceling of the Neck and Middle pickups
 =Rotating VR2 CCW must reduce the noise
- *If 5 and 6 are not right - swap Yellow and Red wires at the BPNCS connections

Operations:

- Position 1- Bridge Full HB - no hum
- Position 2- 1/2 Bridge + Middle - no hum
- Position 3- Middle - no hum
- Position 4- Neck + Middle - no hum
- Position 5- Neck - no hum

Assign TONE 1(t1) and TONE 2(t2) permanently to:

- Option A: t1 to N; t2 to M
- Option B: t1 to N; t2 to B

**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 LCNCS on a HSS Strat style guitar