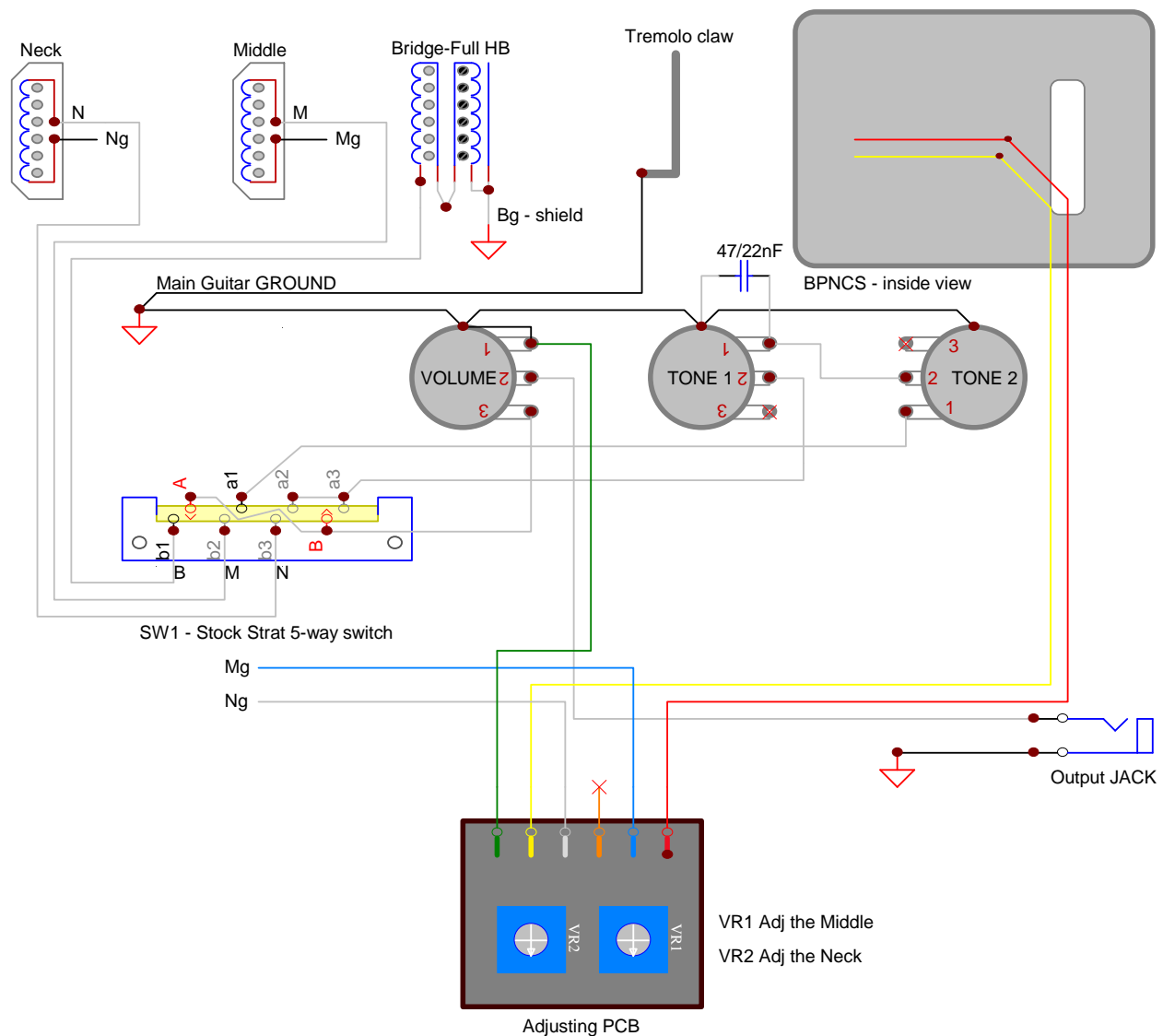


**Wiring Diagram**  
**BPNCs (Back Plate Noise Canceling System) for STRAT® style guitars. HSS Rev2**  
 Bridge - Full HB; Middle, Neck same polarity SC pickups; Stock strat 5-way pickup selector switch



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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. Use the 5way switch wiring as it is originally
  4. Green wire from PCB is connected to Ground
  5. VR1 adjusts noise canceling of the Middle pickup  
=Rotating VR1 CCW must reduce the noise
  6. VR2 adjusts noise canceling of the Neck pickup  
=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 - 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; M; M+B  
 TONE 2 effective for M+B; Bridge ONLY

\*\*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