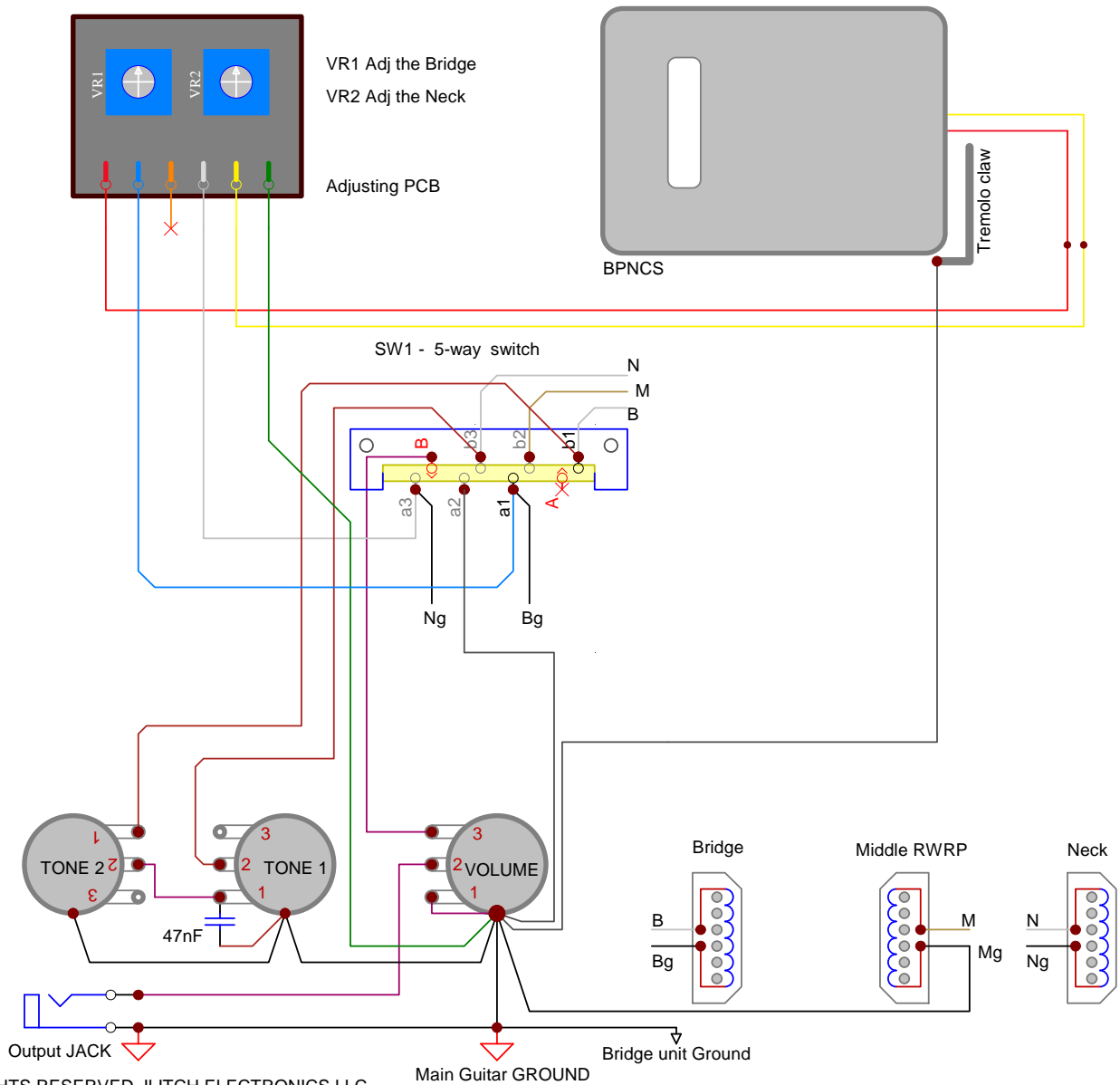


**Wiring Diagram**  
**BPNCs (Back Plate Noise Canceling System) for STRAT® style guitars. SSS Rev1**  
 Bridge, Middle, Neck - SC pickups; Middle RWRP; Stock start 5-way pickup selector switch



**Notes:**

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

1. The three pickups are same style (i. e. Alnico 5 magnet rod poles)
2. Add wire to connect pin a2 on the switch to Ground
3. Use bottom half of the 5way switch for the BPNCs only!
4. Connect Green wire from PCB to Ground
5. VR1 adjusts noise canceling of the B 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 - no hum by the BPNCs  
 Position 2 - Bridge + Middle - no hum  
 Position 3 - Middle - no hum canceling  
 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**