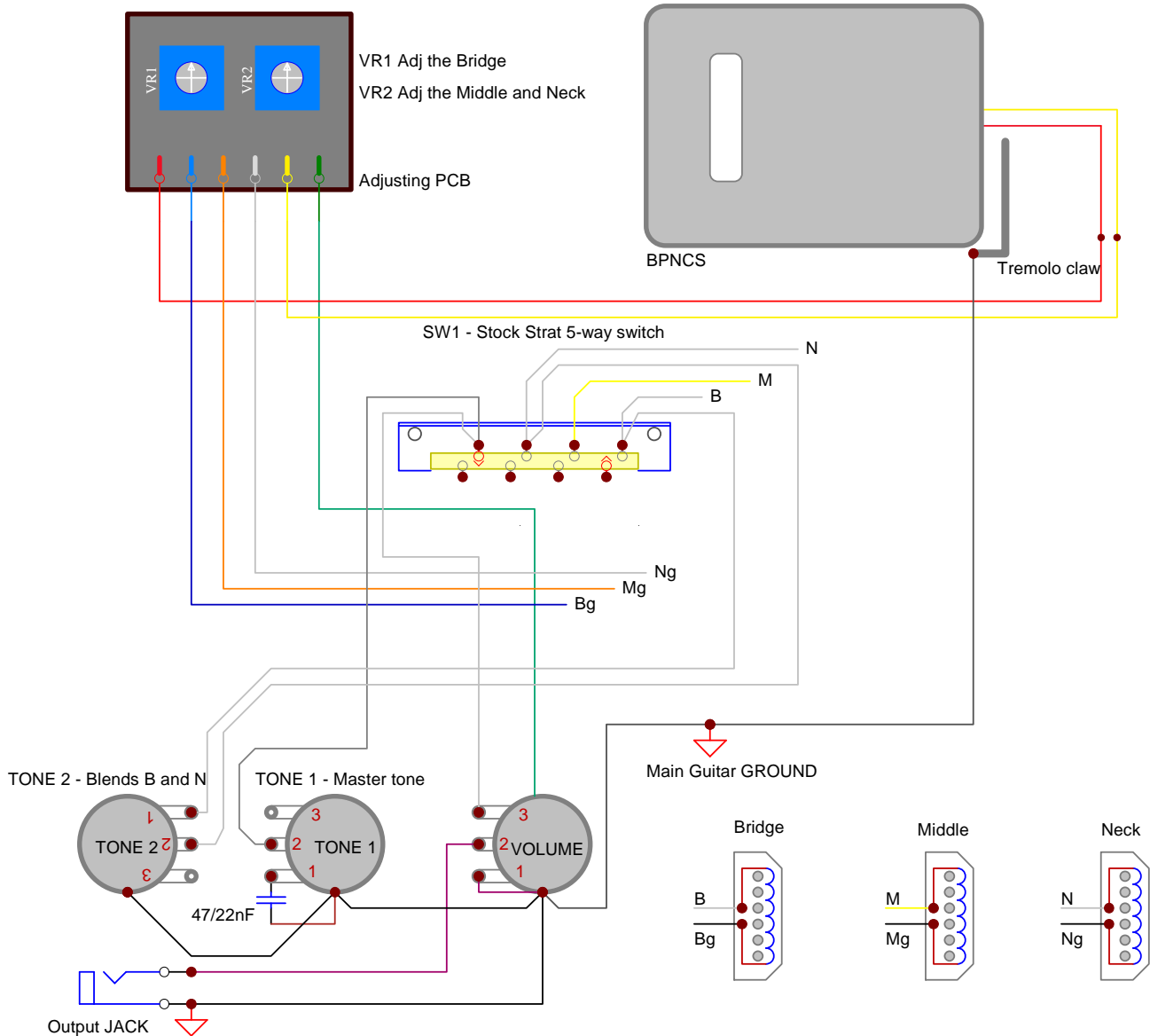


Wiring Diagram

BPNCS (Back Plate Noise Canceling System) for STRAT® style guitars. SSS Rev4
 Bridge, Middle, Neck - Same polarity SC pickups; Stock 5-way pickup selector switch; Master Tone, Blender B+N



© ALL RIGHTS RESERVED ILITCH ELECTRONICS LLC

Notes:

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

1. The three pickups are Same polarity SC pickups and they are same style (i. e. Alnico 5 magnet rod poles)
 2. PCB modifications: NONE
 3. Bottom row of the 5way switch is not used
 4. Green wire from PCB is connected 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 Middle and 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
- Position 2 - Bridge + Middle - no hum
- Position 3 - Middle - no hum
- Position 4 - Neck + Middle - no hum
- Position 5 - Neck - no hum

TONE 1 - Master Tone

TONE 1 effective for:

- Position 5 - Neck only
 - Position 4 - Neck + Middle
 - Position 3 - Middle only
 - Position 2 - Bridge + Middle
 - Position 1 - Bridge only
- TONE 2 - Blends Bridge and Neck pickups
 **You can also choose TONE 1 and TONE 2 to be assigned differently