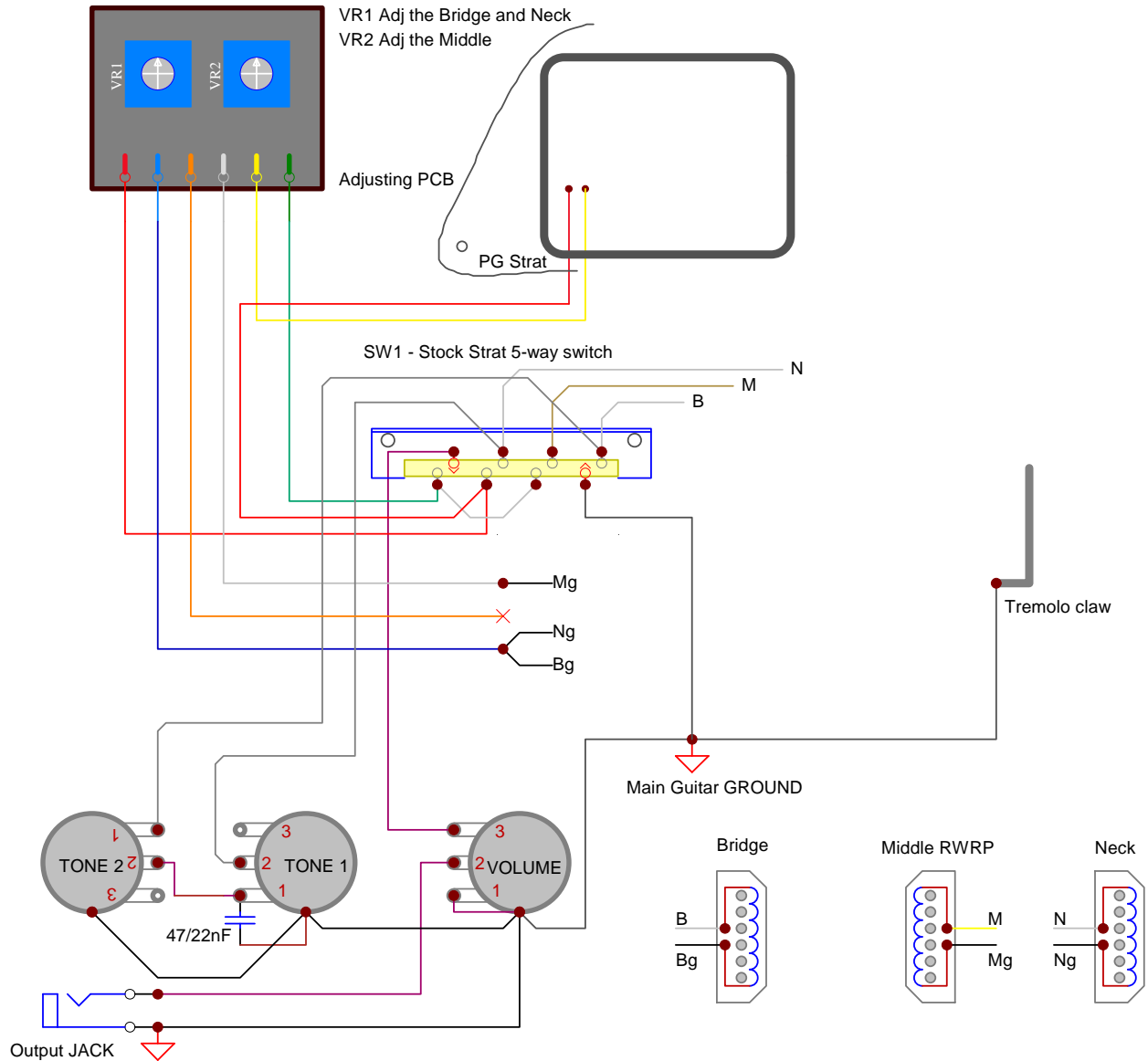


Wiring Diagram
PGNCS-S (Pickguard Noise Canceling System-Strat) for STRAT® style guitars. Rev2
 Three single coil pickups, RWRP Middle, 5-way Standard pickup selector switch



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Basic facts and notes:

1. The three pickups are same style (i. e. Alnico 5 magnet rod poles) and their DC resistance difference is less than 1KOhm
2. PCB modifications:
 =Solder on the 5way switch the Red wire coming from Adjusting PCB and Red wire from the PGNCS-S;
3. Add wire to connect switch to Ground
4. Use bottom half of the 5way switch for PGNCS-S only
5. Green wire from PCB NOT connected to Ground
6. VR1 adjusts noise canceling of the B and 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 that are coming out from the PGNCS-S

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 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

**You can also choose Master Tone or Tone 1 and Tone 2 to be assigned differently