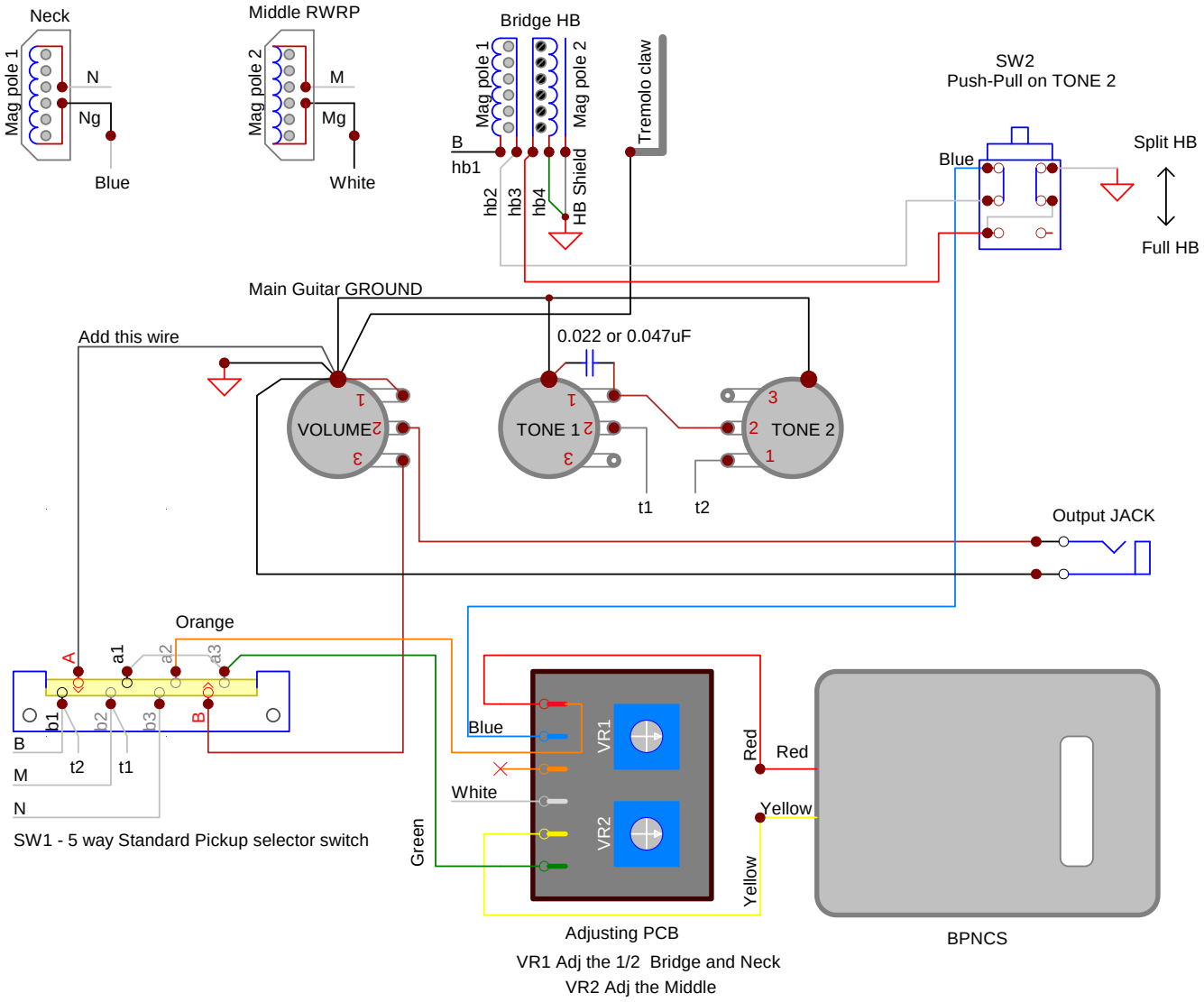
Wiring Diagram
BPNCS (Back Plate Noise Canceling System) for STRAT© style guitars. HSS pickup configuration Rev7
Bridge HB pickup Full or Split with SW2; Middle RWRP, Neck pickup same polarity as the HB slug coil; Stock strat 5-way pickup selector switch



VR1 Adj the 1/2 Bridge and Neck
VR2 Adj the Middle

Notes:	Operations:
*Disconnect (cut or unsolder) Mg and Ng from GROUND! 1. The Middle pickup is RWRP compared to N pickup and Bridge HB pickup slug coil 2. PCB modifications: 3. Unsolder Orange wire from the PCB and use it to solder it over the red wire spot. Then run the Orange wire via the "orange" hole on the PCB and solder it on a2 terminal 4. Add wire to connect terminal A on the 5way switch to Ground 5. Connect Green wire from PCB to a3 on the 5way switch 6. VR1 adjusts noise canceling of the 1/2 B pickup at pos 1 and Neck pickup at position 5 =Rotating VR1 CCW must reduce the noise 7. VR2 adjusts noise canceling of the Middle pickup at position 3 =Rotating VR2 CW must reduce the noise *If 6 and 7 are not right - swap Yellow and Red wires at the BPNCS connections	Position 1- Bridge Full HB or Split - no hum Position 2- Full HB or 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 M; t2 to B - No TONE for Neck only Option B: t1 to N; t2 to B - No TONE for Middle 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 and LCNCS on a HSS Strat style guitar