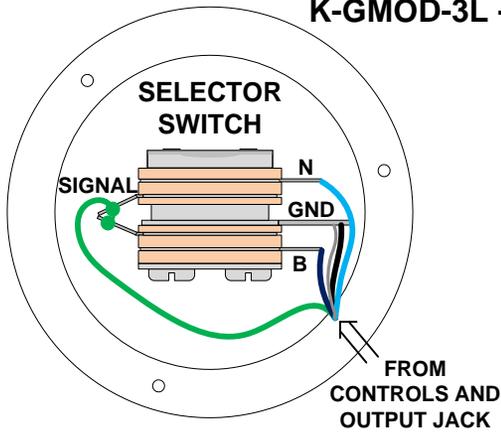


K-GMOD-3L - Long Bushing Pot Les Paul Wiring Kit

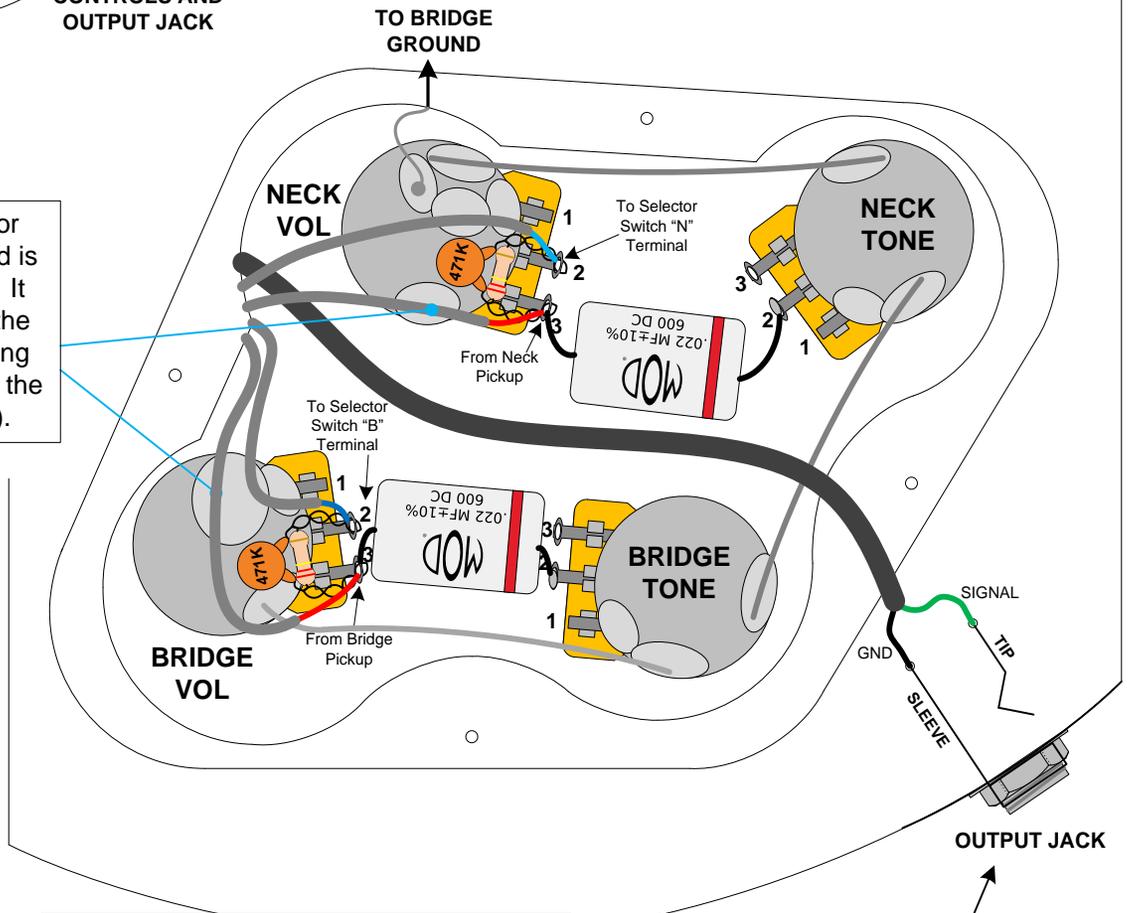
MODERN WIRING

Les Paul (Short & Long Bushing)
Final Wiring



FROM CONTROLS AND OUTPUT JACK

On vintage 2-conductor pickups the outer shield is the ground conductor. It should be soldered to the volume pot bodies (along with the outer shields of the selector switch wires).

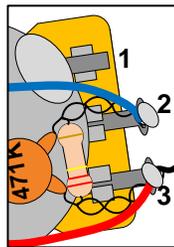


Pickup's hot conductor

Pickup's ground conductor (outer shield)

"Modern" Volume Pot Connections (Closeup):

- 1: grounded
- 2: (1) cap leads, (1) resistor lead, (1) selector switch wire.
- 3: (2) cap lead, (1) resistor lead, (1) pickup hot wire.



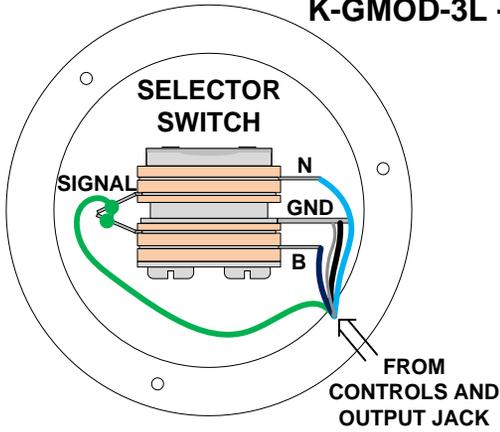
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K-GMOD-3 "Modern" Style
Wiring Diagram

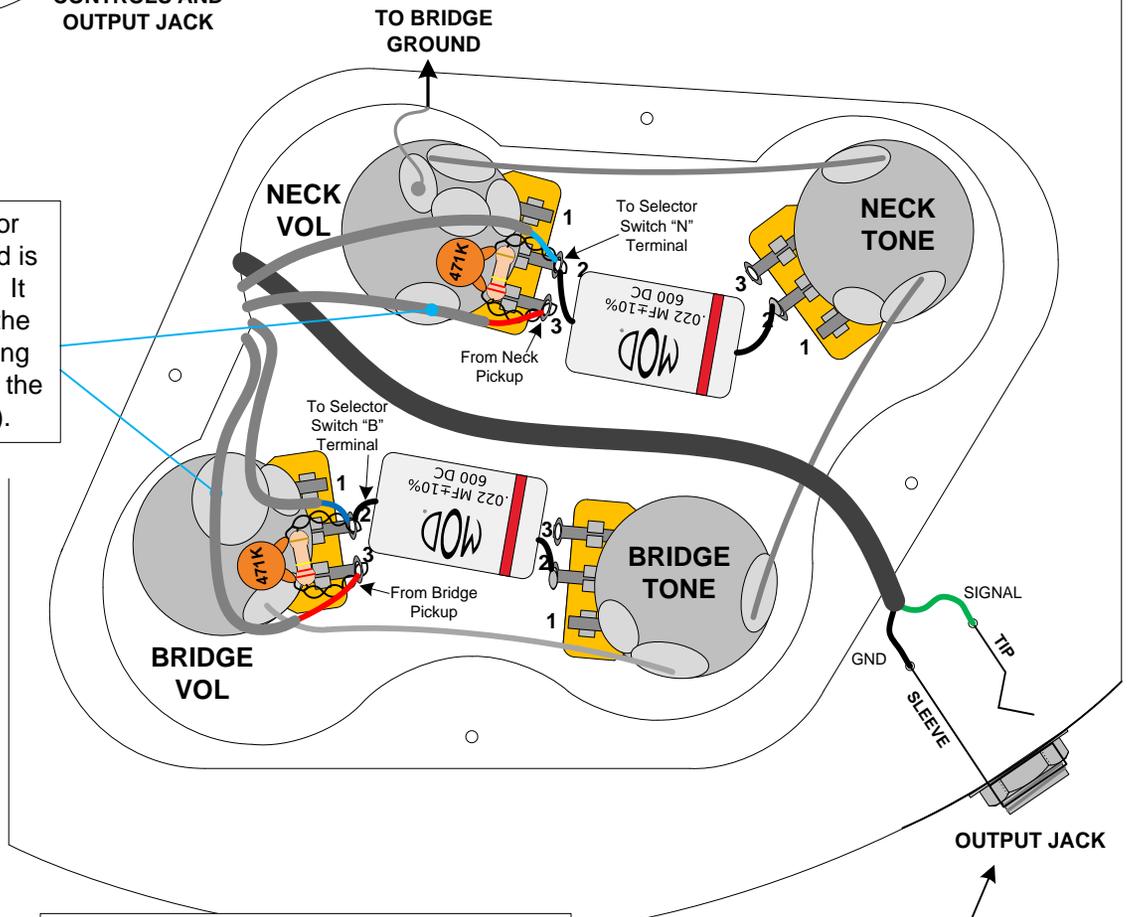
K-GMOD-3L - Long Bushing Pot Les Paul Wiring Kit

VINTAGE WIRING

Les Paul (Short & Long Bushing)
Final Wiring



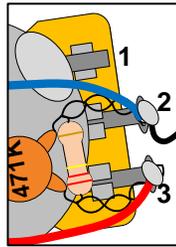
On vintage 2-conductor pickups the outer shield is the ground conductor. It should be soldered to the volume pot bodies (along with the outer shields of the selector switch wires).



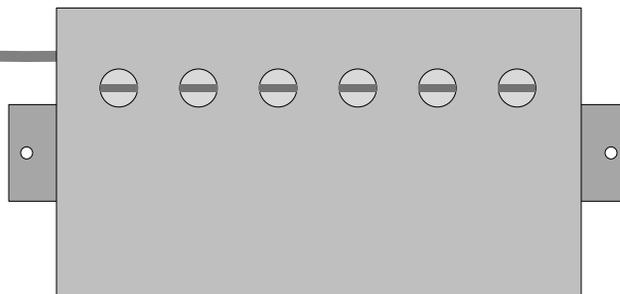
Pickup's hot conductor

"Vintage" Volume Pot Connections (Closeup):

- 1: grounded
- 2: (2) cap leads, (1) resistor lead, (1) selector switch wire.
- 3: (1) cap lead, (1) resistor lead, (1) pickup hot wire.



Pickup's ground conductor (outer shield)



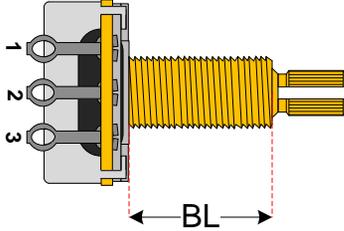
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K-GMOD-3 "Vintage" Style
Wiring Diagram

K-GMOD-3L PARTS LIST

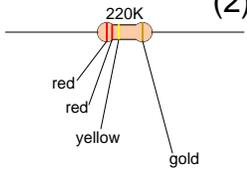
Potentiometers with Audio Taper ($\frac{3}{4}$ " Bushing Length)

R-VC500KA-SP-L (4)



220k Ω Resistor 1/4 W

R-C220K (2)



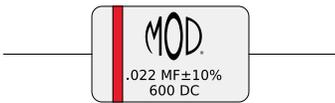
470pF Ceramic Disc Capacitor

C-CD470-500 (2)



0.022 μ F Mod Oil Capacitor

C-MOD022-600 (2)



(Capacitor may appear smaller in drawings to more easily show connections)

Bus Wire (20 AWG), Tin Plated, Lead Free

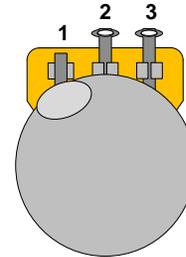
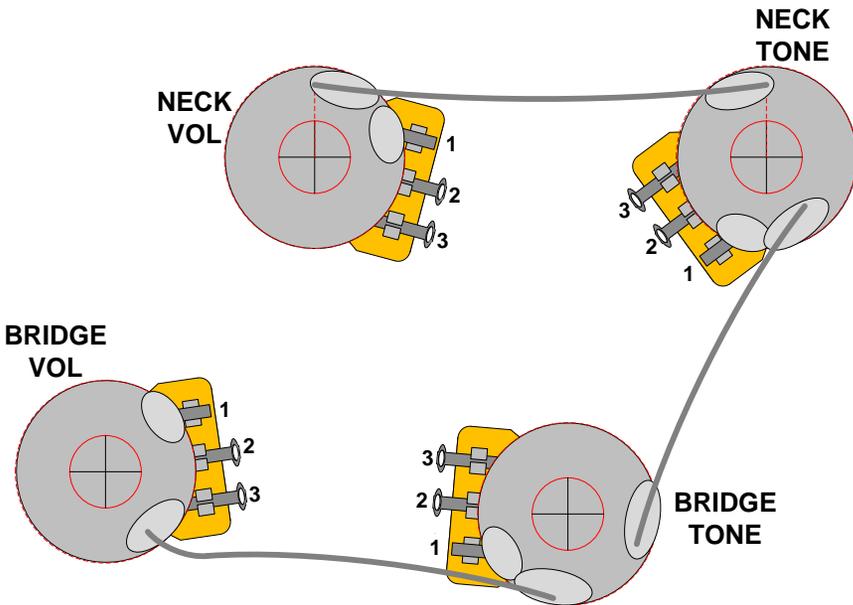
S-W3817 (12")

K-GMOD-3 Assembly Instructions

1. Mount the components to their respective mounting holes as shown.

- 4 x 500KA pots

2. Bend back each pot's lug "1" so that it touches the pot body. Solder each pot's lug "1" to its own body.



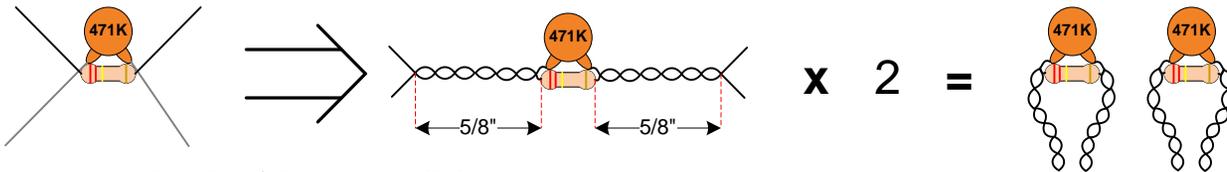
3. Cut three 2½" pieces of bus wire.

4. Solder one piece of bus wire to the bodies of "Neck Vol" and "Neck Tone."

5. Solder one piece of bus wire to the bodies of "Bridge Vol" and "Bridge Tone."

6. Solder one piece of bus wire to the bodies of "Neck Tone" and "Bridge Tone."

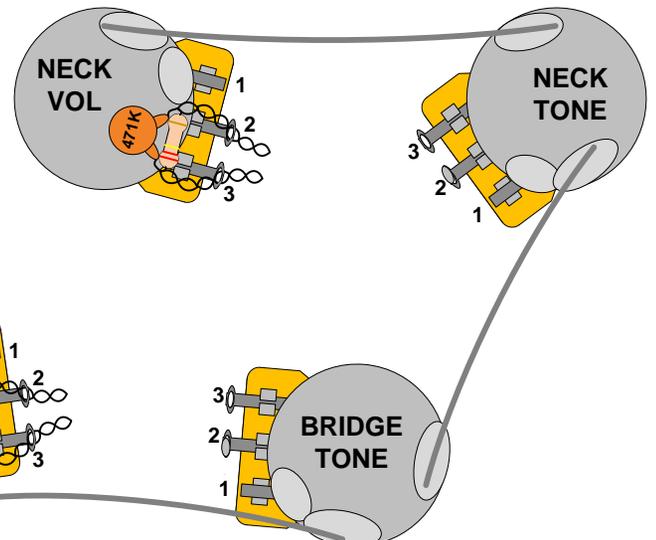
7. Wind the leads of a 220K resistor and a 470pF capacitor together in parallel. Make two sets of these parallel component assemblies. (Cut the wound lead ends so that the lead lengths are about 5/8").



8. Insert the leads of these parallel component assemblies through both volume pot lugs 2 and 3, but do not solder them in place.

9. Decide if you would prefer modern style wiring or vintage style wiring for the tone capacitors and attach the capacitors as shown. See both final wiring drawings.

10. Use the chosen final assembly as guide to complete the remaining connections. Check that each connection has been soldered.



K-GMOD-3L Mounting Board Layout (Optional)

Use this template to construct a mounting board if you would prefer to complete most of the wiring outside of the guitar's cavity. A sturdy piece of cardboard can work well for a one time use board but use hardboard or wood if you would like a reusable board.

