


Adding bypass resistors & treble bleed caps to pots

Ground wires & shields are NOT SHOWN

Solder all grounds & shields () to one point, such as volume pot casing
Don't forget the bridge & body ground wires!

Standard volume pot

Pickup signal (or pickup selector switch output signal) is soldered to volume pot's input terminal.

Volume pot's output is soldered to 1/4" output jack (or selector switch input)

Volume pot's ground terminal is soldered to the casing and to the guitar's ground/shields.



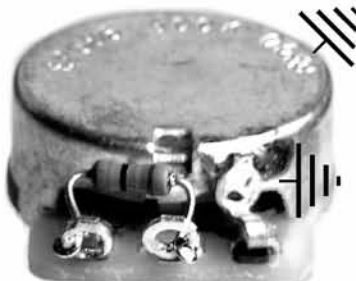
Input Output Ground

Standard volume pot with volume bypass resistor added

Input, output and ground connections are the same as described above.

150K Ω 1/4 watt resistor is soldered between the input & output terminals.

Improves volume pot taper; tone remains more consistent, with reduced loss of mids, as volume is decreased.



Input Output Ground

Standard volume pot with volume bypass resistor and treble bleed capacitor added

Input, output and ground connections are the same as described above.

150K Ω 1/4 watt resistor PLUS capacitor are soldered between the input & output terminals.

Improves volume pot taper; tone brightens as volume is decreased



Input Output Ground

Treble bleed cap suggested value range, from bright to a more subtle tone shift:

330pF (.00033uF) #331
 680pF (.00068uF) #681
 1000pF (.001uF) #102
 1200pF (.0012uF) #122
 1500pF (.0015uF) #152