

HOOKUP DIAGRAM LES PAUL® GUITAR WITH SUSTAINIAC® INSTALLED PUSH-PULL CONTROLS

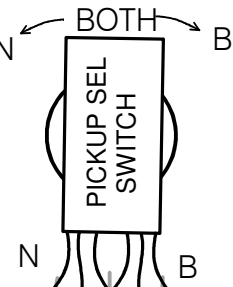
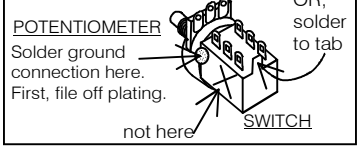
The three existing switch wires run in a channel in a shielded wire. Don't remove them. It is easier to connect the Orange wire to existing shielded wire

DRIVER
"DUMMY COVER" IF HB SIZE
BRIDGE PU

DRIVER POLARITY: If you don't get mostly fundamentals in NORMAL mode, then reverse the red/black driver wires. It means that your bridge pickup has reverse polarity from most bridge pickups.

IMPORTANT: Brown, gray/violet pair, and the circuit board are all SIGNAL RADIATORS. White/orange are GUITAR SIGNAL WIRES. Keep all radiators spaced away from guitar signal. 1/4 to 1/2 inch of separation is sufficient.

CAUTION: Do not solder ground wire to switch body of pot/switch control. Solder to potentiometer section or to small solder tab. Switches have plastic parts inside which will melt!



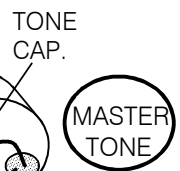
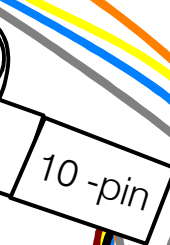
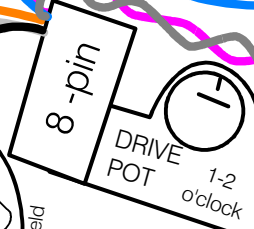
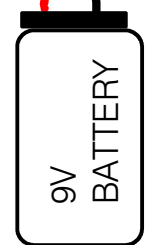
BRIDGE GROUND WIRE

LP #20

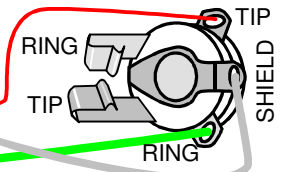
MIX CAP. polarity not important



Battery (-) and black wire from 8-pin connector must be soldered to same pot body



GUITAR OUTPUT JACK



Make sure all shields are reconnected to ground (pot bodies)

Les Paul guitars have these shields connected together inside the toggle switch cavity. If yours are not connected, connect them or make sure the output jack shield is connected to a control pot body.