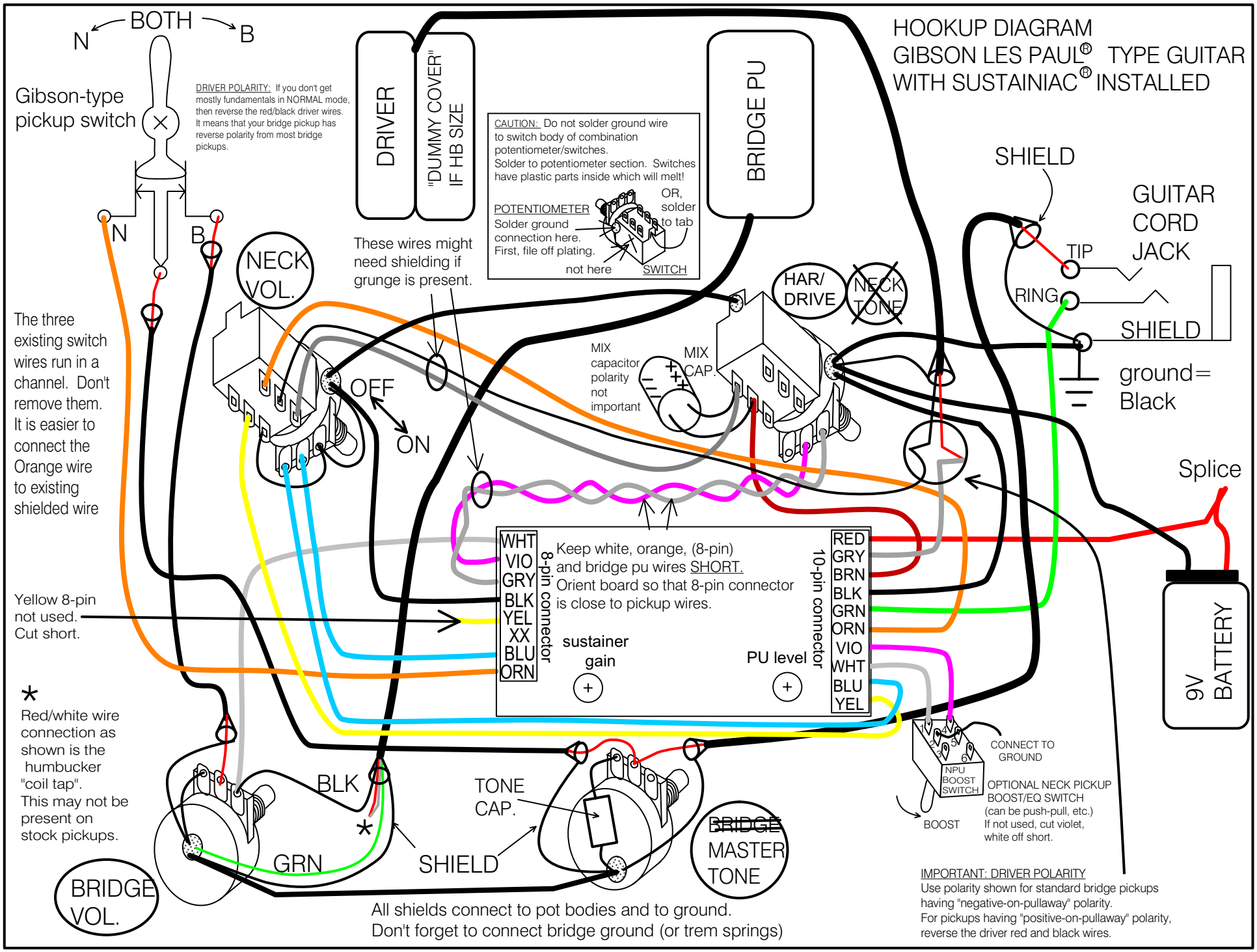
HOOKUP DIAGRAM
GIBSON LES PAUL® TYPE GUITAR
WITH SUSTAINIAC® INSTALLED
BOTH
N
B
Gibson-type pickup switch
DRIVER POLARITY: If you don't get mostly fundamentals in NORMAL mode, then reverse the red/black driver wires. It means that your bridge pickup has reverse polarity from most bridge pickups.
DRIVER
"DUMMY COVER" IF HB SIZE
BRIDGE PU
CAUTION: Do not solder ground wire to switch body of combination potentiometer/switches. Solder to potentiometer section. Switches have plastic parts inside which will melt!
POTENTIOMETER
Solder ground connection here. First, file off plating.
not here
SWITCH
OR, solder to tab
SHIELD
GUITAR CORD JACK
TIP
RING
SHIELD
ground= Black
NECK VOL.
These wires might need shielding if grunge is present.
HAR/ DRIVE
NECK TONE
MIX capacitor polarity not important
MIX CAP.
OFF
ON
The three existing switch wires run in a channel. Don't remove them. It is easier to connect the Orange wire to existing shielded wire
Splice
WHT
VIO
GRY
BLK
YEL
XX
BLU
ORN
8-pin connector
Keep white, orange, (8-pin) and bridge pu wires SHORT.
Orient board so that 8-pin connector is close to pickup wires.
sustainer gain
PU level
10-pin connector
RED
GRY
BRN
BLK
GRN
ORN
VIO
WHT
BLU
YEL
9V BATTERY
Yellow 8-pin not used. Cut short.
*
Red/white wire connection as shown is the humbucker "coil tap". This may not be present on stock pickups.
BLK
GRN
SHIELD
TONE CAP.
BRIDGE MASTER TONE
BRIDGE VOL.
CONNECT TO GROUND
NPU BOOST SWITCH
BOOST
OPTIONAL NECK PICKUP BOOST/EQ SWITCH (can be push-pull, etc.) If not used, cut violet, white off short.
IMPORTANT: DRIVER POLARITY
Use polarity shown for standard bridge pickups having "negative-on-pullaway" polarity.
For pickups having "positive-on-pullaway" polarity, reverse the driver red and black wires.
All shields connect to pot bodies and to ground.
Don't forget to connect bridge ground (or trem springs)