



# Install Guide

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A close-up, low-angle photograph of an electric guitar's pickup and strings. The strings are in sharp focus, stretching from the bottom left towards the top right. The pickup is a white, rectangular humbucker with a black cover, mounted on a dark wood fretboard. The background is a blurred, warm-toned light source, possibly a lamp, creating a soft glow.

# WELCOME

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Thank you for purchasing LAMBERTONES, the best upgrade you can do to your electric guitar.

## Disclaimer:

Do not attempt to install LAMBERTONES unless you are familiar with hand tools and soldering. LAMBERTONES is not responsible for any damage or injury sustained during disassembly, installation, or reassembly of LAMBERTONES or your guitar. Any modification of any kind made to your instrument is not warranted by LAMBERTONES.

If you are unsure whether you can safely and effectively install your new LAMBERTONES pickups then please give us a call at our shop and we will refer you to a local guitar repair shop that can do a proper install. You can also send your guitar to us and we will do a complimentary setup along with the installation of your new LAMBERTONES.



# Step 1

PLACE GUITAR ON A SOFT AND CLEAN SURFACE TO NOT SCRATCH THE FINISH

Today we are replacing the stock bridge humbucker on a Godin electric guitar. Every guitar is slightly different, so be mindful before taking your guitar apart so you know how to put it back together. Taking pictures with each step is a helpful way to keep track of what you have done.



# Step 2

REMOVE STRINGS

Carefully remove your strings. You might as well replace your strings while you are at it, but we just moved ours out of the way because we recently replaced them.



# Step 3

## TURN OVER PICKGUARD

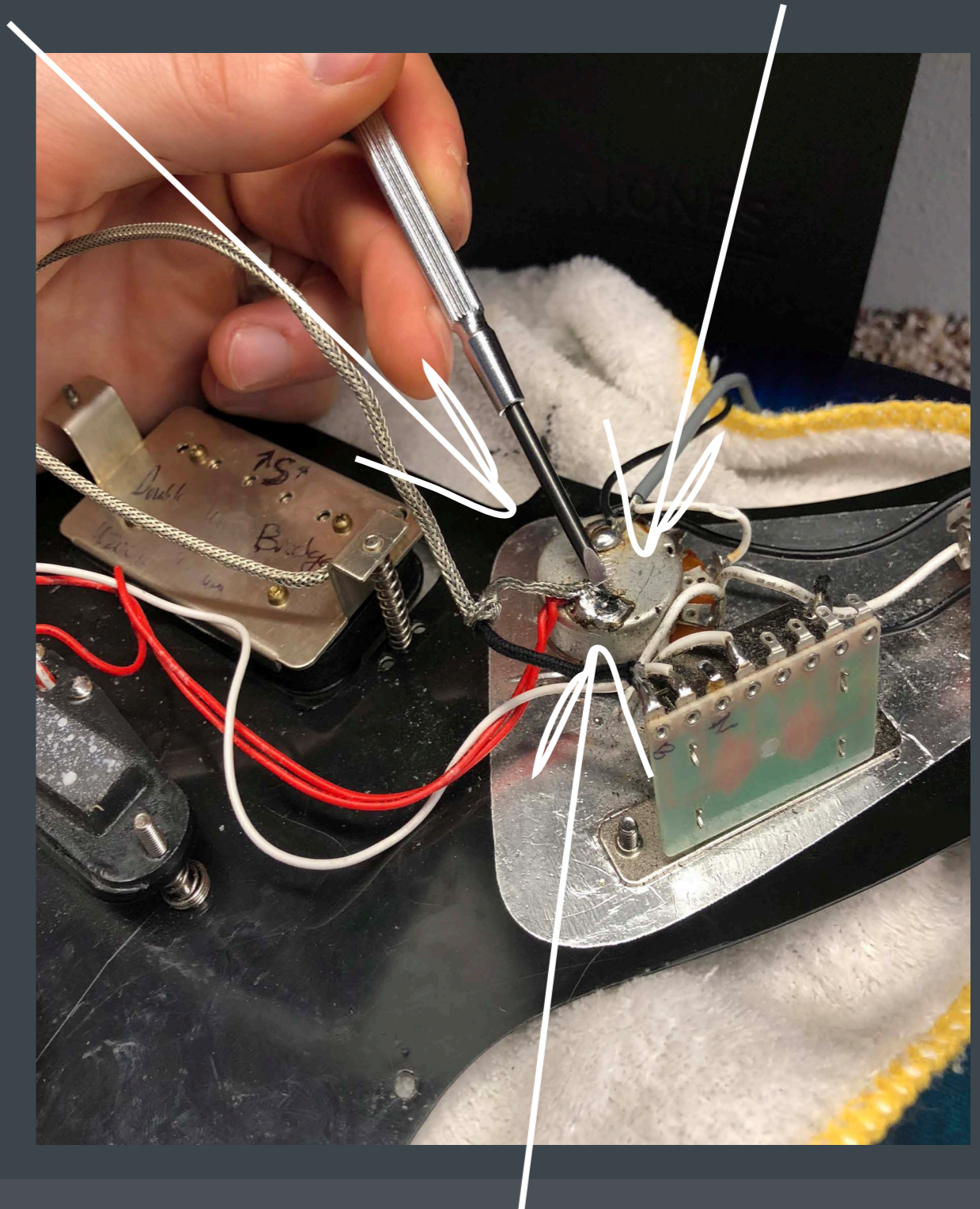
Flip the pickguard over onto a microfiber cloth to protect the finish of the guitar. Be careful not to pull hard on any attached ground wires or signal wires that run from the pickguard to the body.



# Step 4

## IDENTIFY SOLDER JOINTS

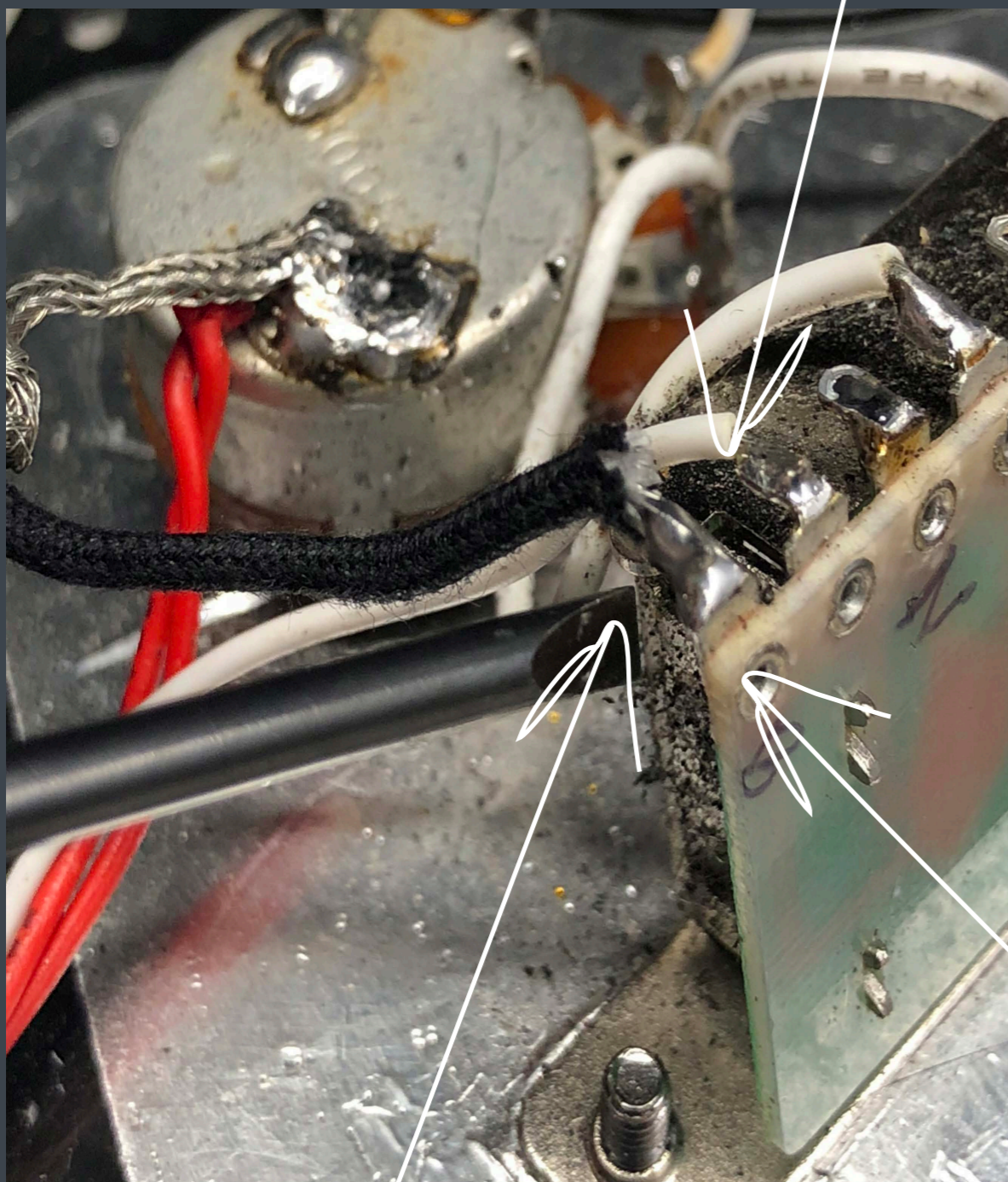
The humbuckers currently installed are a 2-wire setup, with one ground wire and one signal wire. The ground wire is shown here soldered to the back of the pot.



# Step 5

## IDENTIFY SOLDER JOINTS

Trace the signal wire from the humbucker you are replacing to the switch. In our case it's this black wire here soldered to the very end of the switch.



# Step 6

## HEAT SOLDER TO REMOVE WIRES

After soldering iron heats up, place clean solder tip on the solder joint. Once the solder heats up it will turn from a solid to a liquid and the wire will come detached from the switch. Soldering irons are very hot, so be careful not to touch anywhere but the intended area or you could risk damage to other components or harm to yourself.



# Step 7

HEAT SOLDER TO REMOVE WIRES

Place soldering iron tip on the pool of solder holding the grounding cable until it heats up enough to remove it.



# Step 7 Cont..

HEAT SOLDER TO REMOVE WIRES

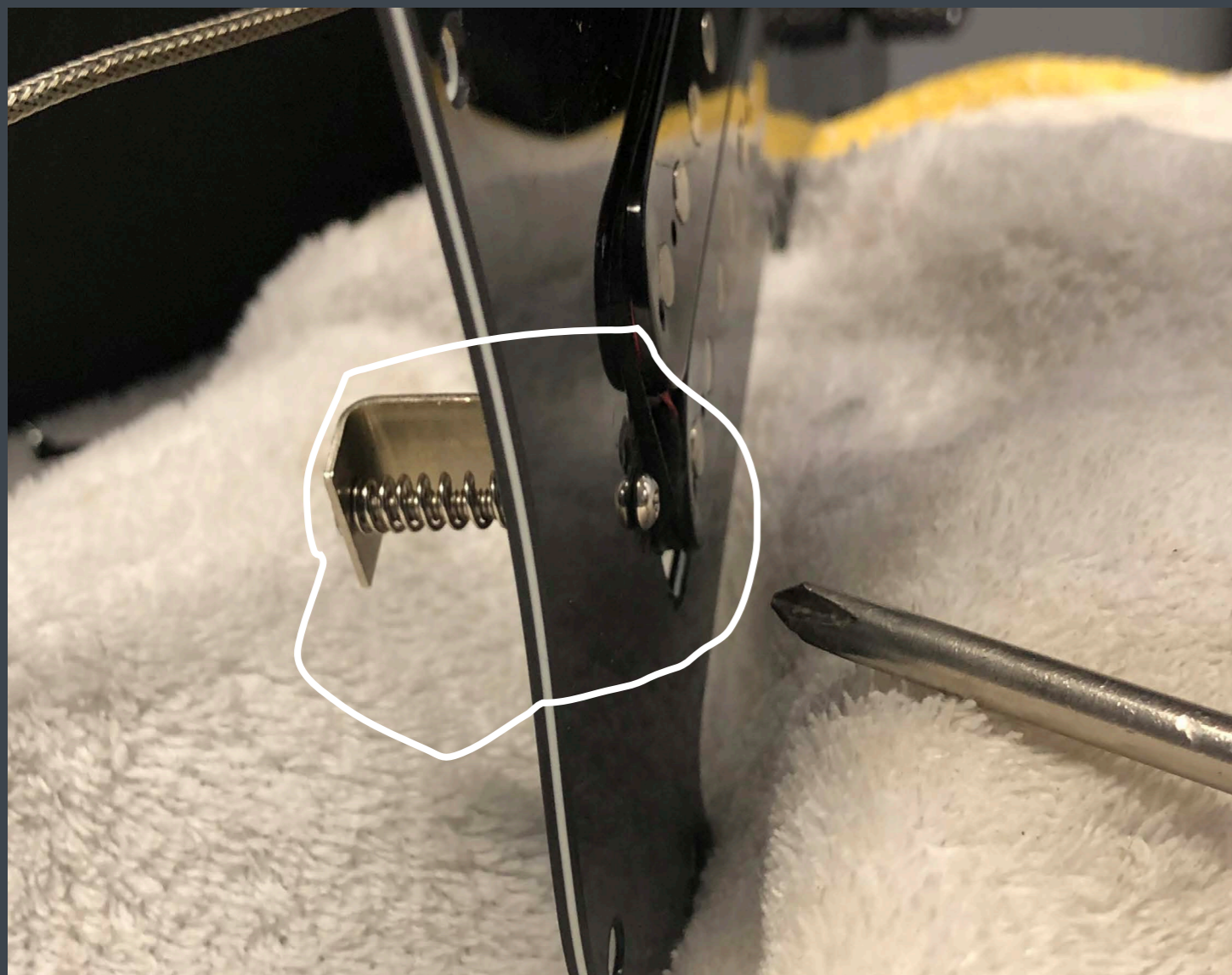
Here's what it looks like after we removed the grounding cable from the back of the pot.



# Step 8

## REMOVE HUMBUCKER MOUNTING SCREWS

Remove humbucker mounting screws carefully so you don't scratch the surface of the pickguard.



# Step 9

## VIEW WITH EMPTY HUMBUCKER ROUTING

Here's the empty humbucker routing once we removed the humbucker. We are now ready to prep and install our new LAMBERTONES.



# Step 10

## PREP PICKUPS FOR INSTALL

Take the hardware back out from your LAMBERTONES box and get ready to install the springs and screws to attach your new pickups to the pickguard.



# Step 11

## REMOVE PICKUP(S) FROM BOX

Remove your new LAMBERTONES from the box and prepare for install.





# Step 12

## INSTALL SCREWS AND SPRINGS

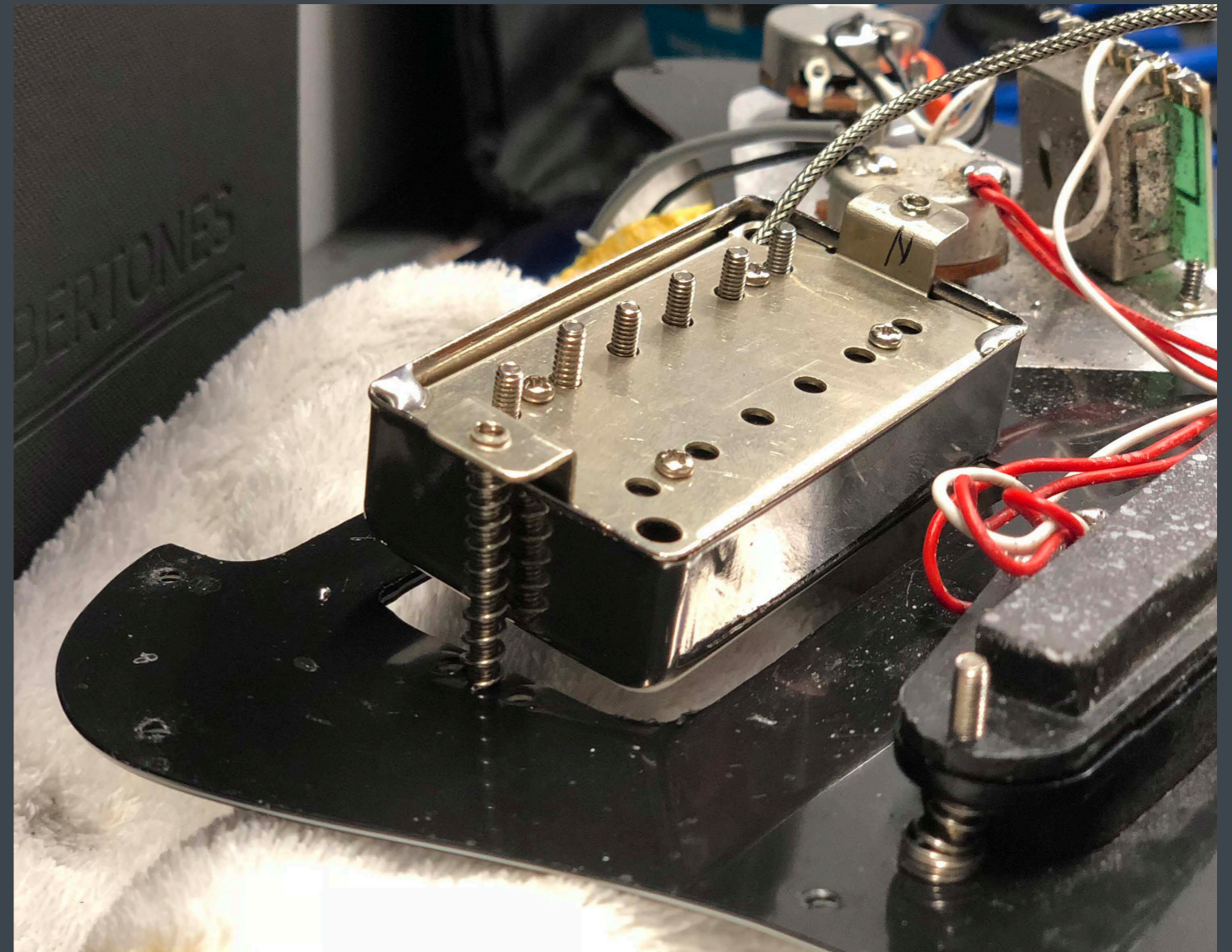
Slide screws through the top side of the pickguard so that they are sticking out the back. Then place the springs over the screws.

# Step 13

## PLACE PICKUPS ON TOP OF SCREWS AND SPRINGS

Carefully place humbucker on top of springs and screws so you don't scratch the side of the pickup cover.

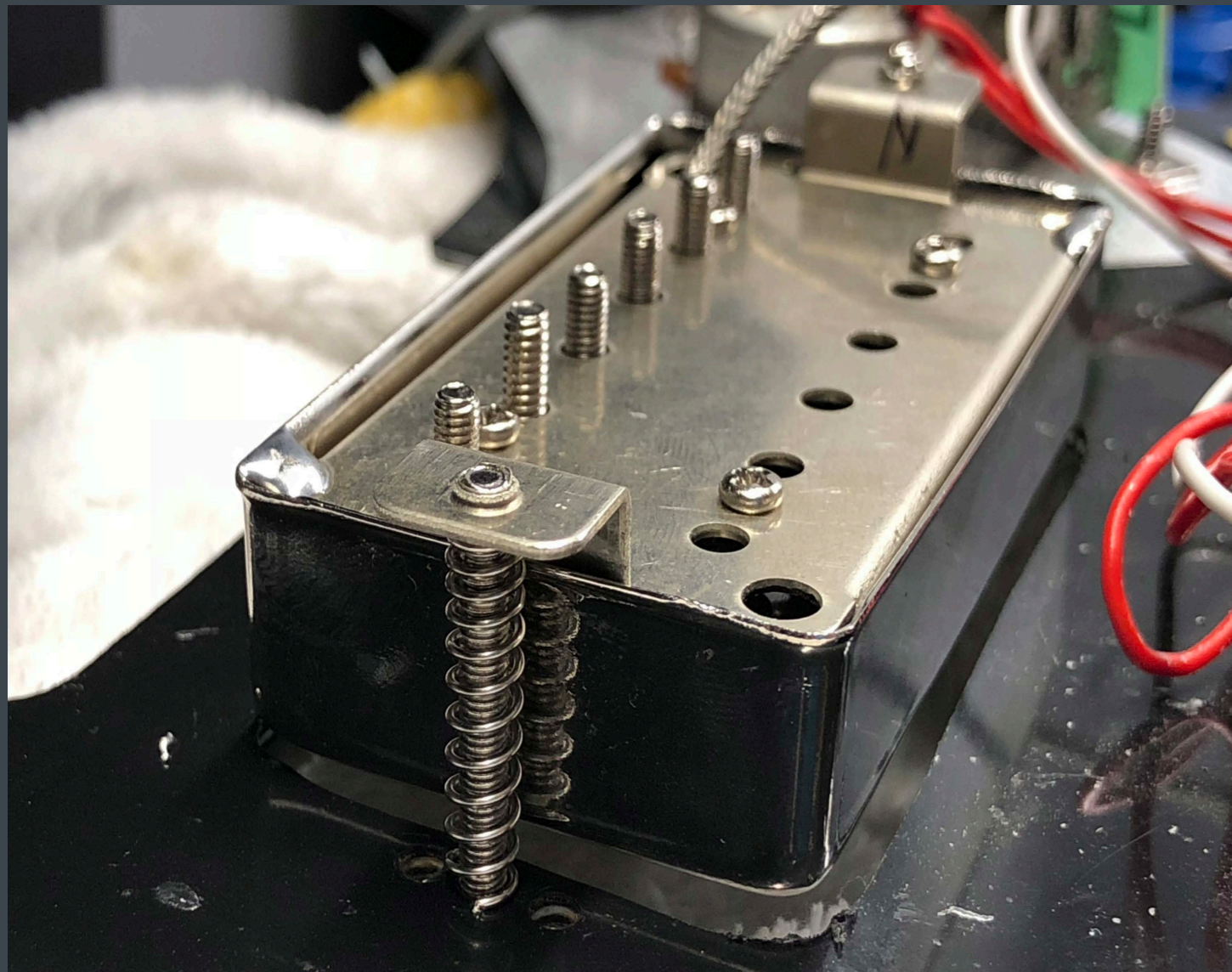
Make sure to install the humbucker with the **SCREW SIDE OUT**. For example, if you are installing a bridge pickup (like we are today) the screws will be closer to the bridge. If you are installing a neck pickup, then the screw side will be closer to the neck of the guitar.



# Step 14

## START THREADS ON HUMBUCKER MOUNTS

While carefully pressing the back of the humbucker onto the screws, use a screwdriver to start the threads from the front of the pickup cover.



# Step 15

## READY TO SOLDER NEW PICKUP INTO PLACE

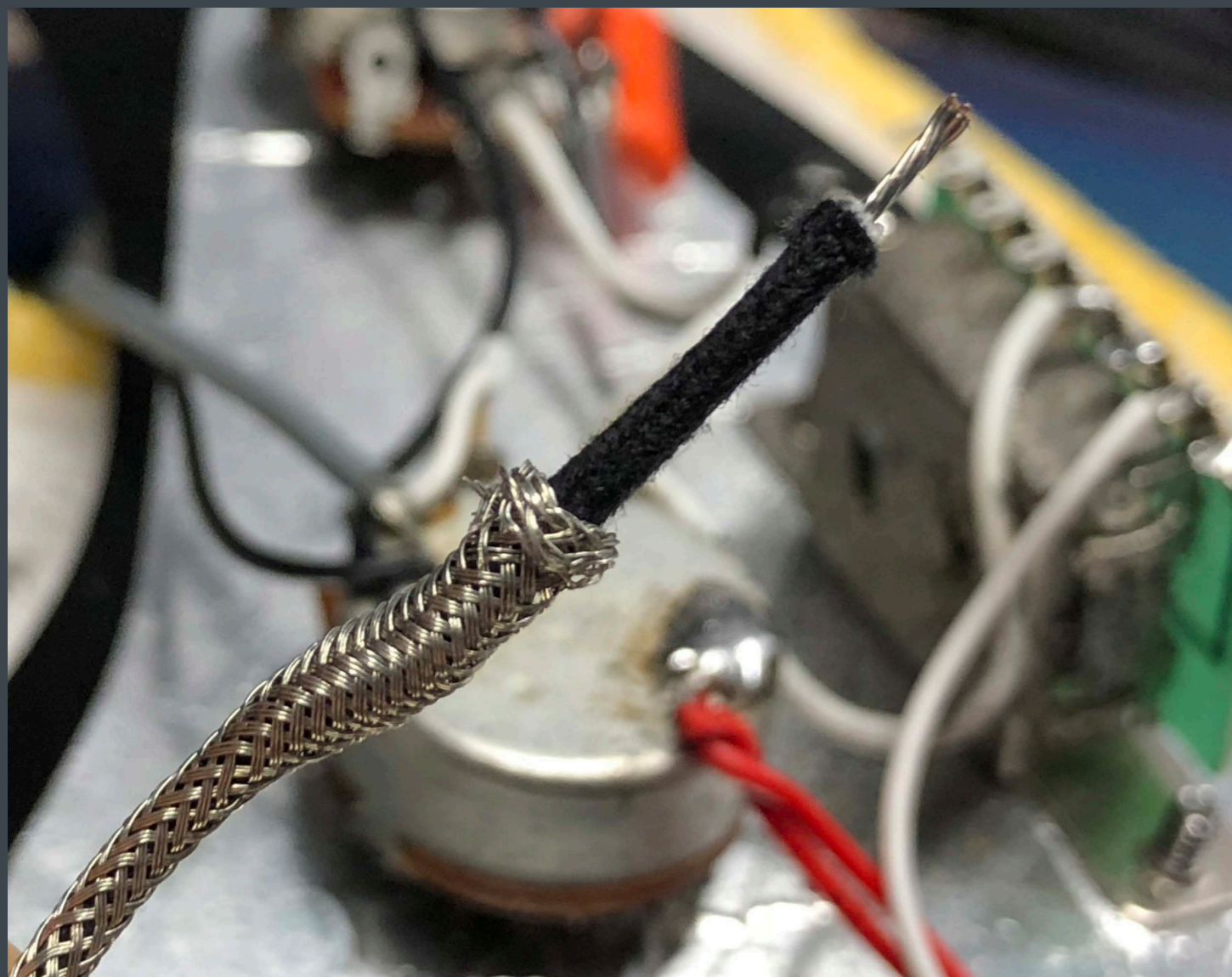
Here we have the humbucker threads started, and we are ready to solder our two joints before reinstalling the pickup guard.



# Step 16

## PULL-BACK GROUND WIRE

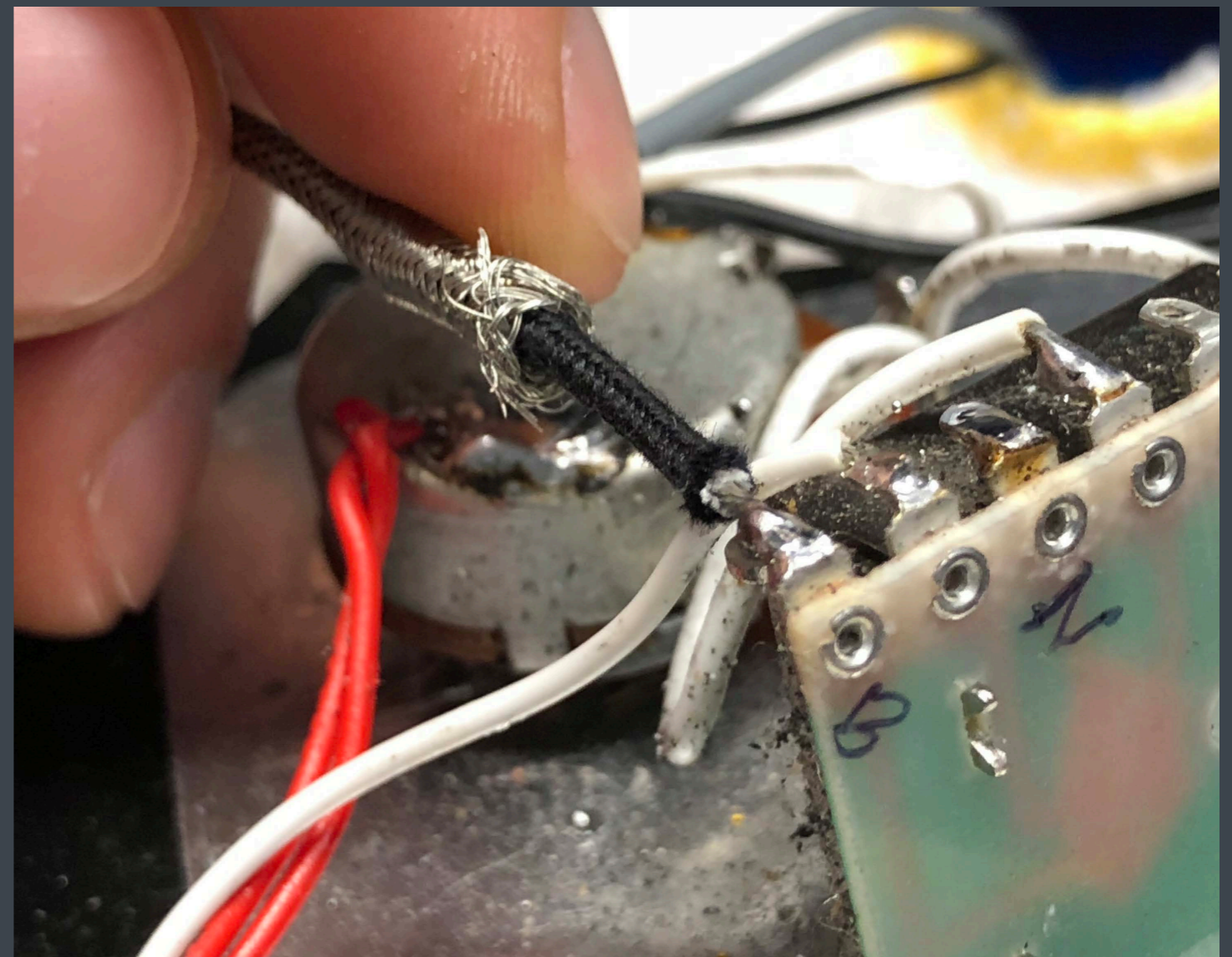
LAMBERTONES Humbuckers come with a simple shielded grounding wire where the black wire is the signal and the silver-weaved sleeve is the ground. Carefully pull back the ground shielding about 1 inch to that it will not accidentally ground out on another component. Then pull back the black signal wire and "tin" the top 1/16th inch by applying a tiny bit of solder to the wire tip.



# Step 17

## SOLDER SIGNAL WIRE TO SWITCH

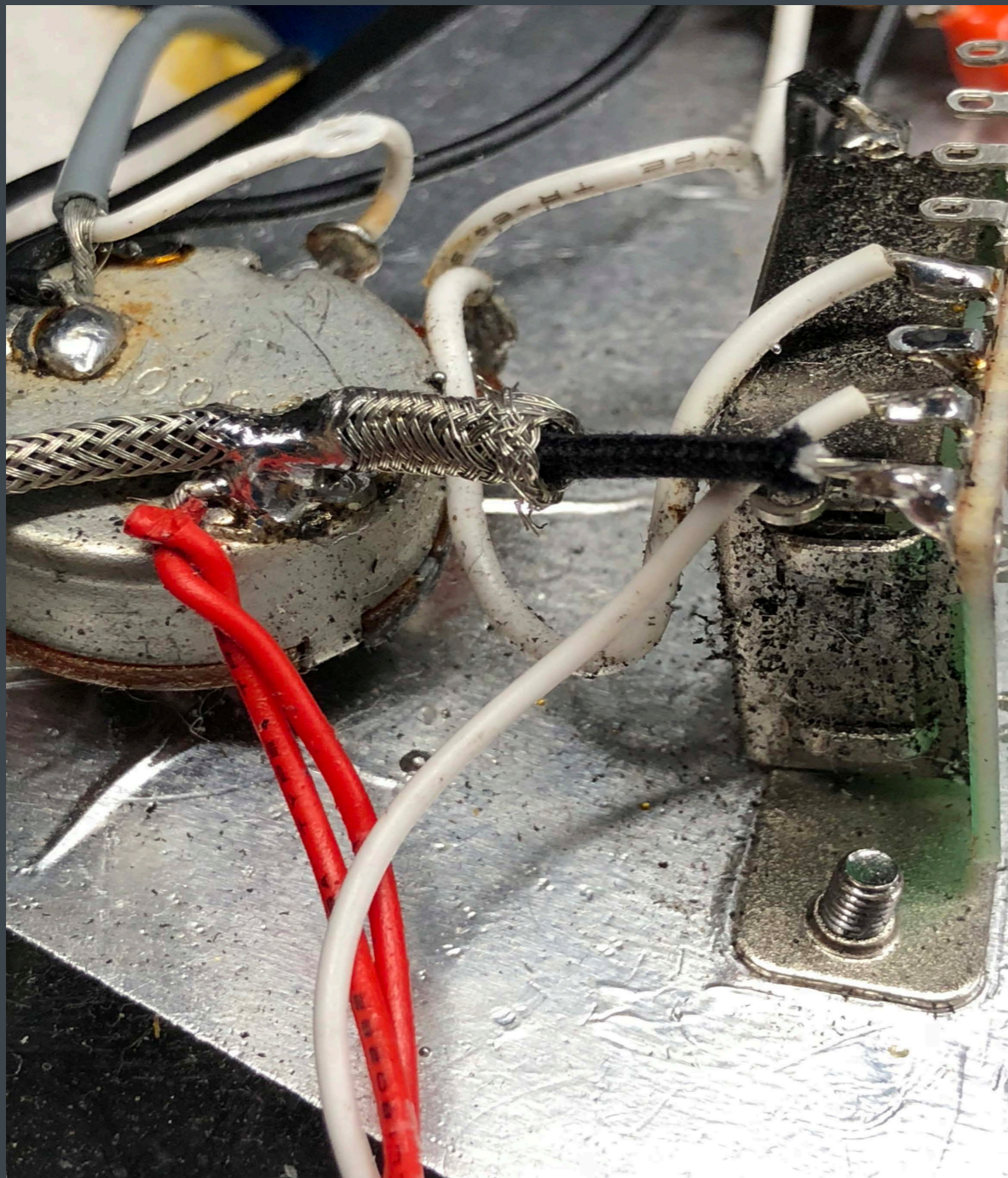
Using the same method as we did in step 6 we will solder the black signal wire to the same spot that we removed the original pickup from.



# Step 18

## SOLDER GROUND SHIELDING TO BACK OF POT

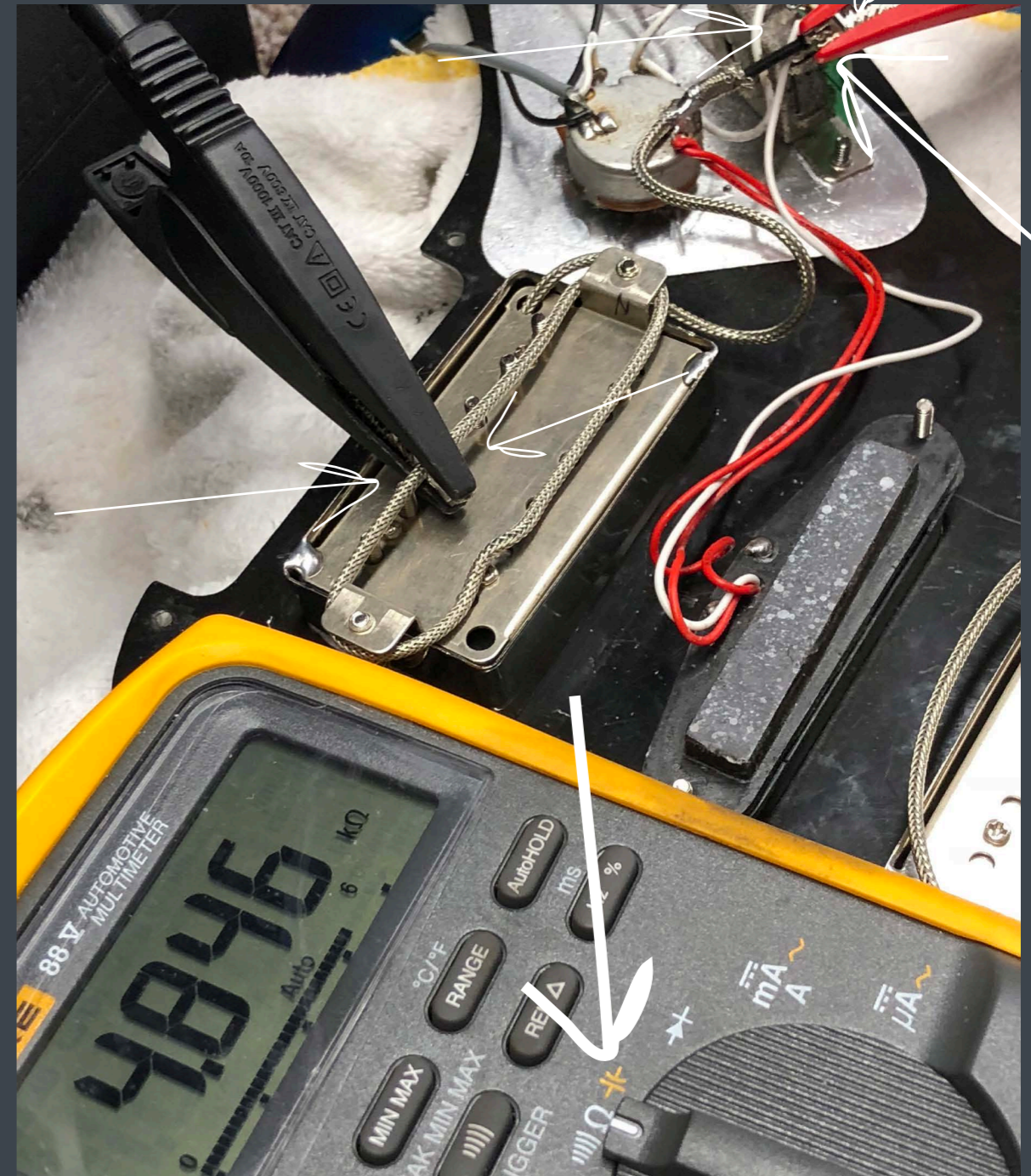
Like we did in step 7 we will do the reverse by holding our soldering tip on the shielding while pressing it into the solder pool that is already sitting on the back of the volume pot until it turns to liquid. As seen in the picture below the shielding has a healthy pool of solder that seamlessly runs onto the pot.



# Step 19

## CHECK SOLDERING WITH OHM METER

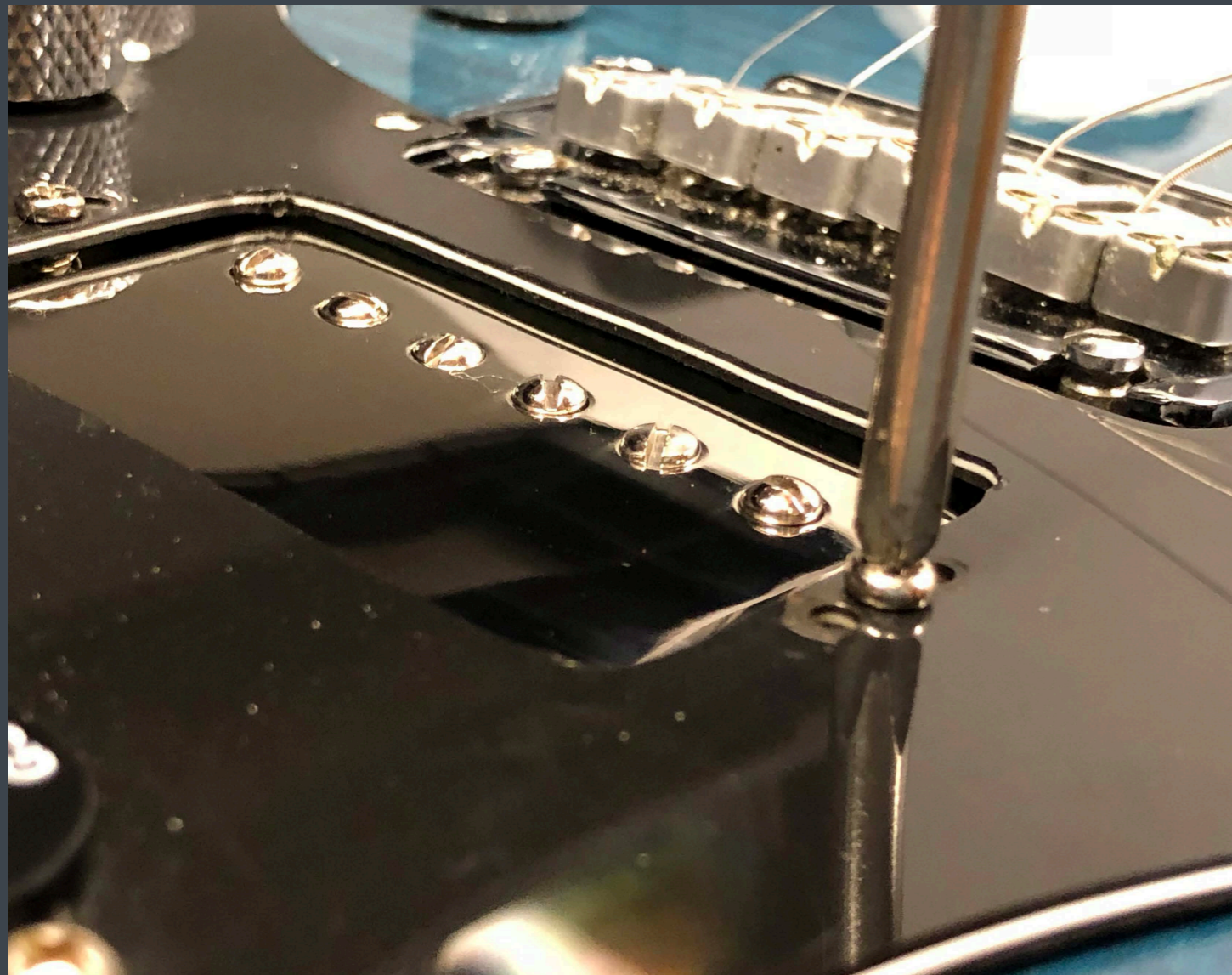
If you have access to a multi/ohm meter then this is a great time to check your soldering skills and see if you have proper connections. Here we are testing the resistance of the coil by turning the meter to the resistance setting, then attaching the black ground lead to the shielded grounding wire and the red lead to the signal wire on the back of the switch.



# Step 20

## INSTALL PICKGUARD AND SET PICKUP HEIGHT

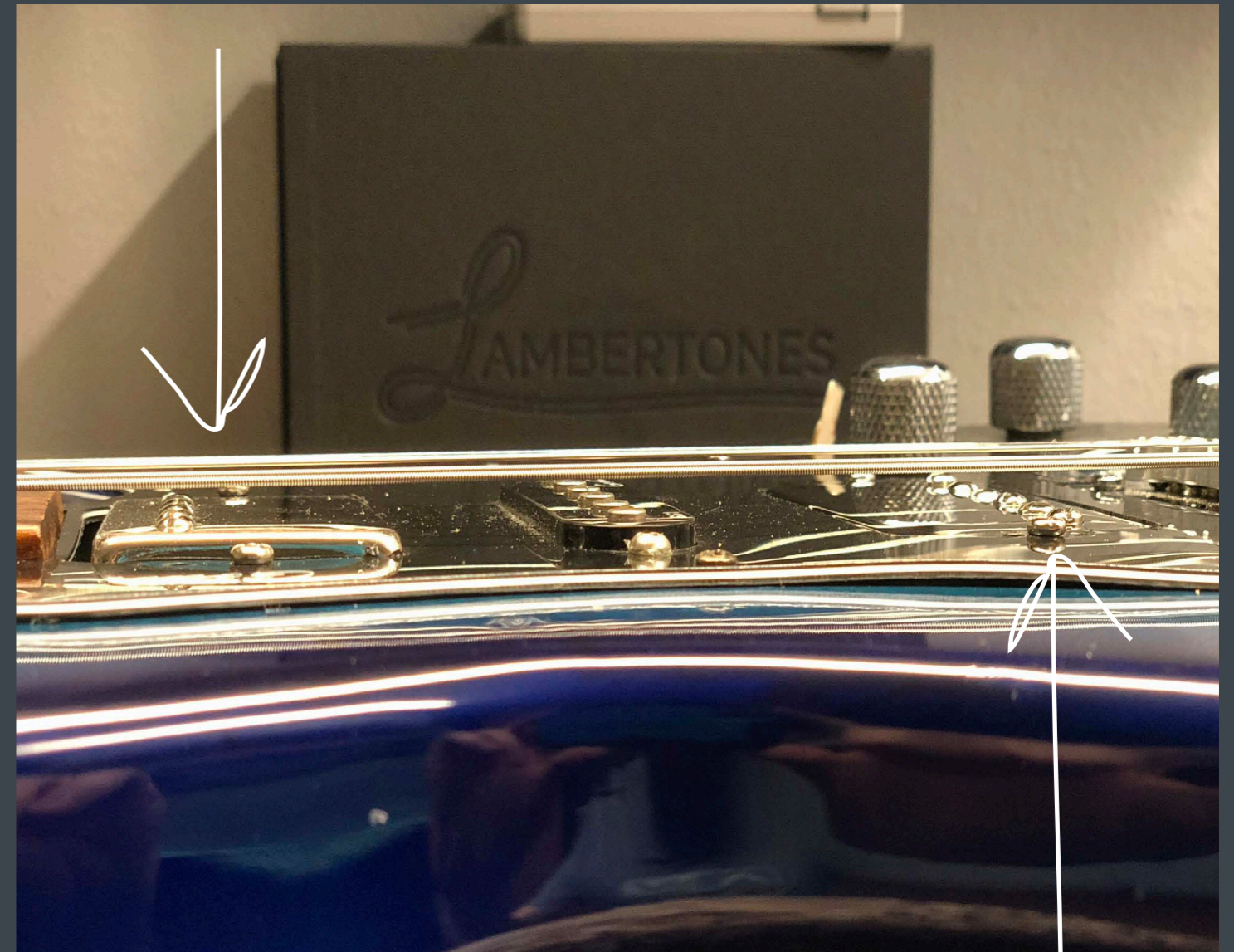
Time to reinstall the pickguard! Carefully flip it over and tuck all the wires inside so that no cables are pinched between the pickguard and the body and lightly put the screws back. Then raise the pickup height so it sits just above flush of the pickguard so we can reinstall the springs without them touching the pickup cover.



# Step 21

## STRING AND ADJUST PICKUP HEIGHT

Restring the guitar and roughly set pickup height. Notice the neck pickup is higher here than the bridge pickup. Fret the highest fret (press down on the highest fret - in our case the 22nd fret) and notice the distance between the bottom of the strings and the height of the pickups. For a basic setup the distance between those should be nearly the same between the neck and the bridge. The arrows below are showing that the bridge pickup is significantly lower than the neck and should therefore be adjusted higher to match the height of the neck pickup.



# Step 22

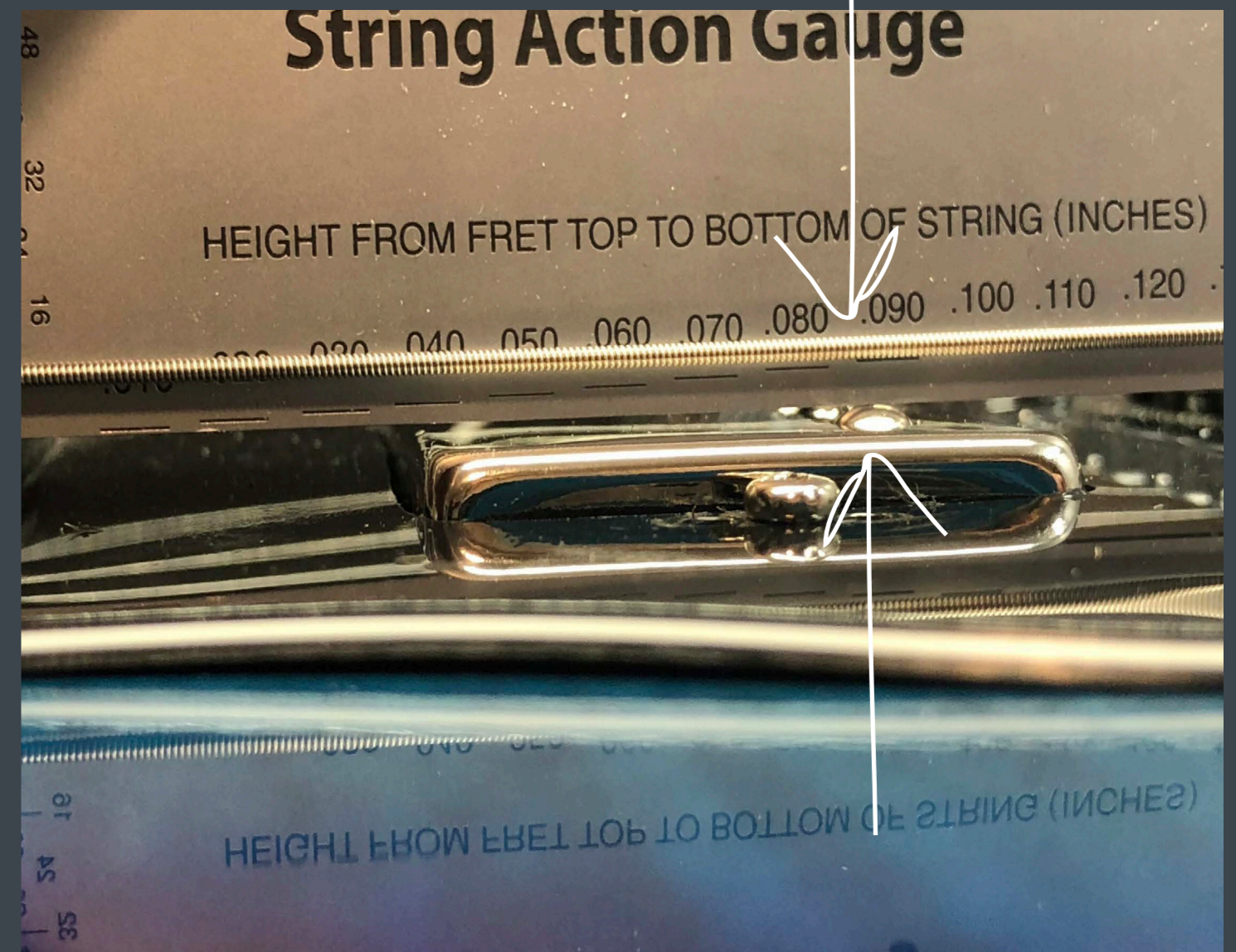
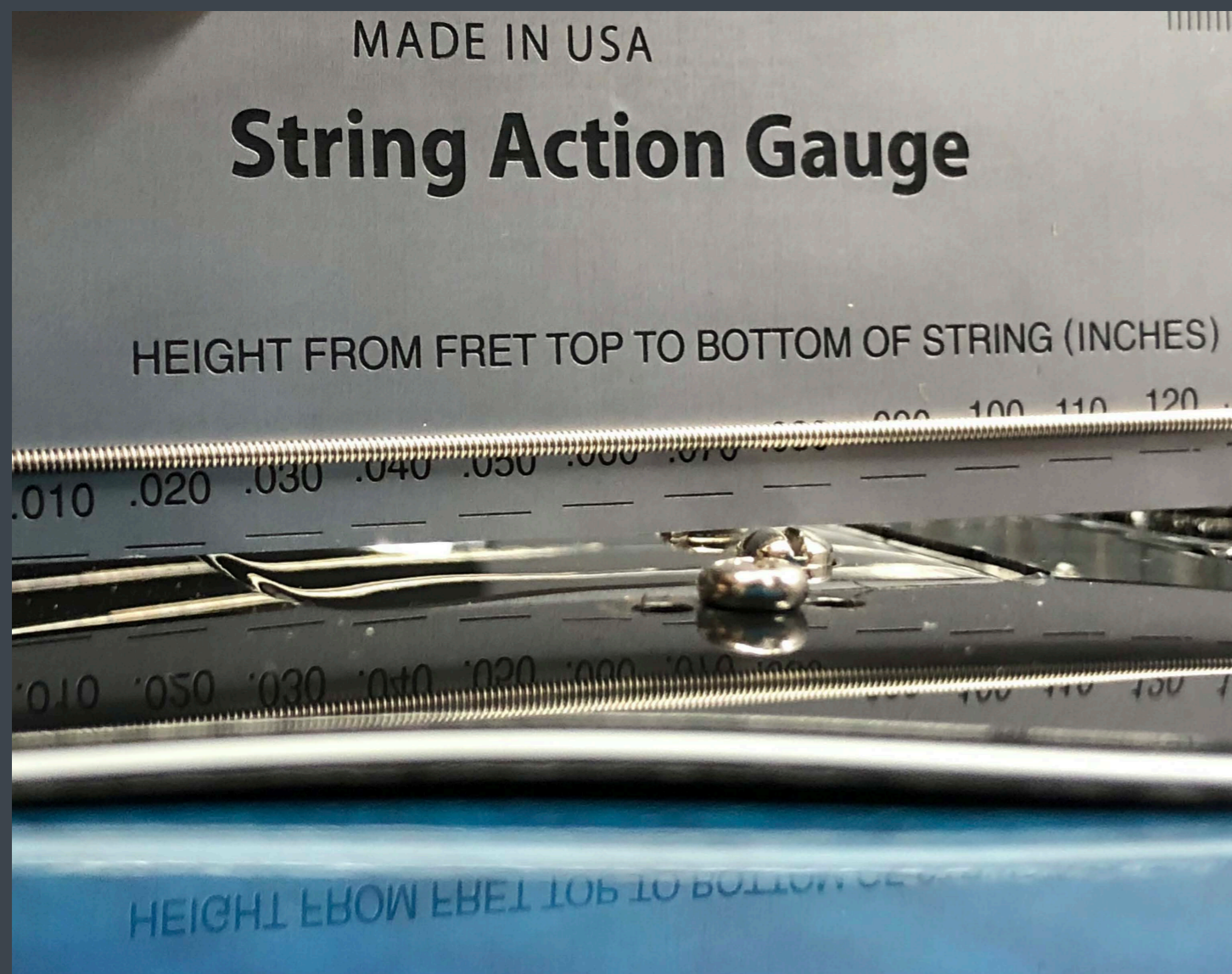
## CHECK PICKUP HEIGHT WITH STRING HEIGHT GAUGE

Cut out the string action gauge along the white line that is printed on the backside of the card that came in your LAMBERTONES pickup box. Use that to measure the height of your pickups to the bottom of the strings.

# Step 23

## USE STRING ACTION GAUGE TO SET PICKUP HEIGHT

In order to achieve the best tone from your LAMBERTONES we suggest using the string action gauge to measure the pickup height to the string. The setup we used today is for "the CREMA" humbucker and the suggested height is: 0.100" for the Low E and 0.175" for the High E. Always measure from the top of the pickup (screws if a humbucker or P90, poles for single coils) to the bottom of the strings. This leaves enough room for heavy strumming, excellent resonance and sustain, but close enough for a dynamic playing experience.



# Step 24

## NOTICE THE ANGLE OF ATTACK

Adjusting the angle of attack on our pickups has a significant impact on the shape of your tone. Here's the setup today after it has been properly measured. We suggest you start with the recommended pickup heights but encourage you to play around with your own and shape the tone that is unique and perfect for you.



# Step 25

## RE-STRING. DONE!

Congratulations! You have officially installed your new LAMBERTONES into your instrument and it's time to shred.





# Pickup Heights

Always measure from the top of the pickup (screws if a humbucker or P90, poles for single coils) to the bottom of the strings.

“the GRINDER”  
Low E - 0.090”

High E - 0.140”

“the CREMA”  
Low E - 0.100”

High E - 0.175”



Thank you for joining the LAMBERTONES family.  
We couldn't be more excited to continue  
growing our musical family of tone enthusiasts!

If you have any comments or questions please  
send us an email or give us a call, we would  
love to talk with you.

