

This first page shows how to separate the old wiring from the guitar in such a way, that will allow to revert it back to its original state in case you want to sell the guitar or want to use the LesLee unit in another Jaguar® guitar. The wiring will be removed in a few pieces, including the output jack, the volume & tone pots and the upper slide switch - with most of their wires still connected. The rhythm circuit **roller pots** and the **three selector slide switches** remain mounted.

Now please study the step-by-step guide in this manual before you proceed with the installation. And if you have zero experience with guitar electrics and using a soldering iron, please find a local guitar service point or a friend with experience who can do the installation for you.



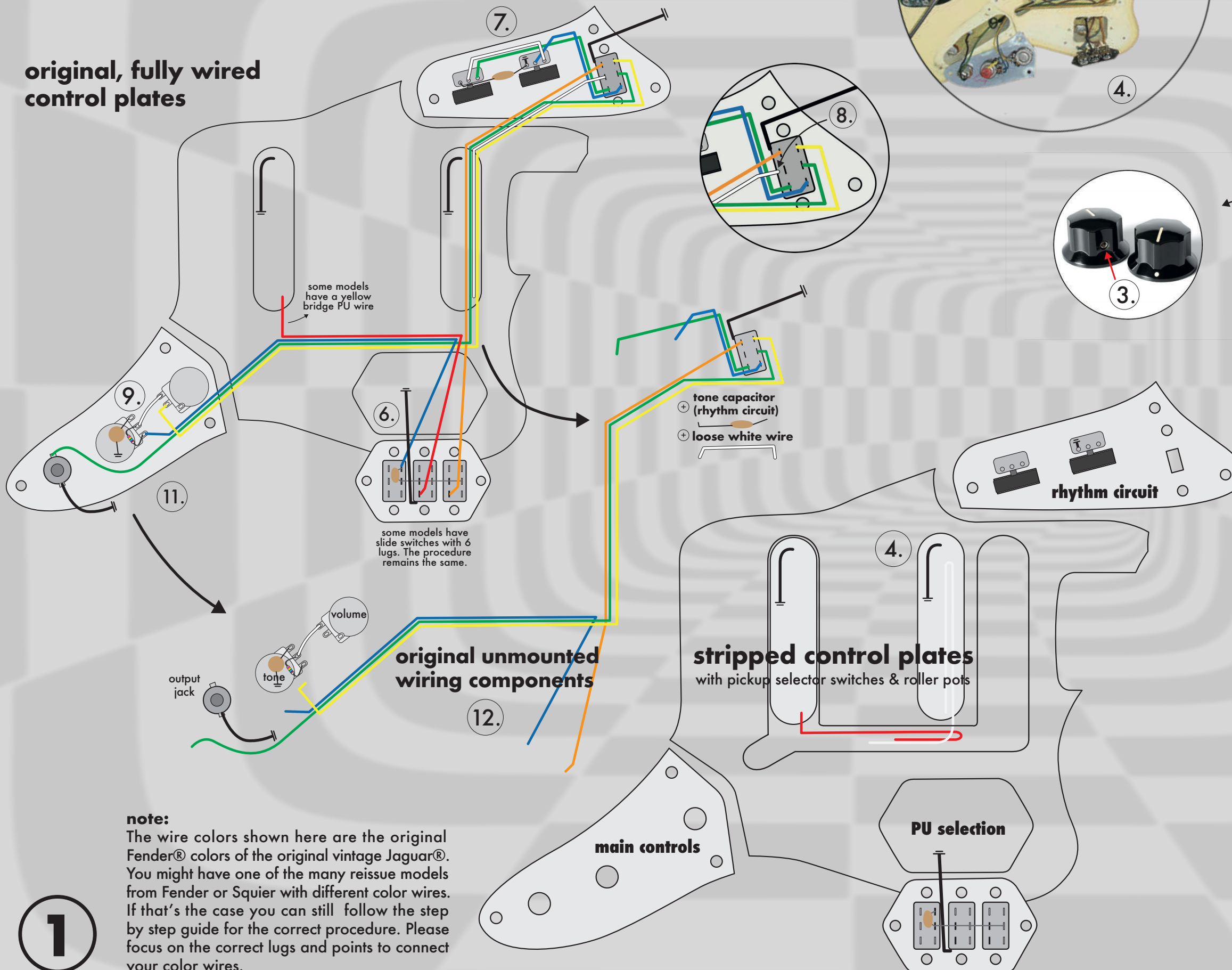
installation manual • Fender Jaguar®

needed tools:

- cross head screw driver
- soldering iron, best with temperature control
- included birch-ply 1/2" wrench
- hex key for the control knobs
- small wire cutter

To obtain the birch-ply wrench please unmount it from the unit

original, fully wired control plates



1. Remove the strings from your guitar.
2. Remove the bridge.
3. Remove the volume & tone knobs (set screw - hex).
4. Unscrew the pickguard (10 screws) and unscrew the screws that hold the three control plates and turn them over, like shown in the picture to the left. Also unscrew the neck pickup and set it aside to free up the wires that run underneath.
5. Make a few photographs of your wiring at the rhythm circuit, the selector switches and the volume and tone controls to document your original wiring harness.
6. **Unsolder the blue, orange and red wires from the selector switches, leave the black ground wire and the capacitor with its connector wire in place.**
7. **Unsolder all wires and the tone-cap from the roller pots.**
8. **Unsolder the white neck-PU wire from the middle left lug of the slider switch. And also unsolder the ground wire from the brass shield.**
9. **Unsolder the yellow wire at the volume pot, the blue wire at the tone pot and the green wire at the output jack plus the ground wire at the brass shield.**
10. Unscrew the two screws that hold the slider switch at the rhythm circuit. Now remove the switch with all wires still connected to it by pulling and guiding them gently through the holes that connect the cavities.
11. Use the birch-ply wrench to unscrew the nuts of the volume & tone pots and output jack and remove the three components.
12. Store all the components of the removed wiring harness to preserve the option for a clean reversion of your guitar to its original state.

note:

The wire colors shown here are the original Fender® colors of the original vintage Jaguar®. You might have one of the many reissue models from Fender or Squier with different color wires. If that's the case you can still follow the step by step guide for the correct procedure. Please focus on the correct lugs and points to connect your color wires.



done strippin'!

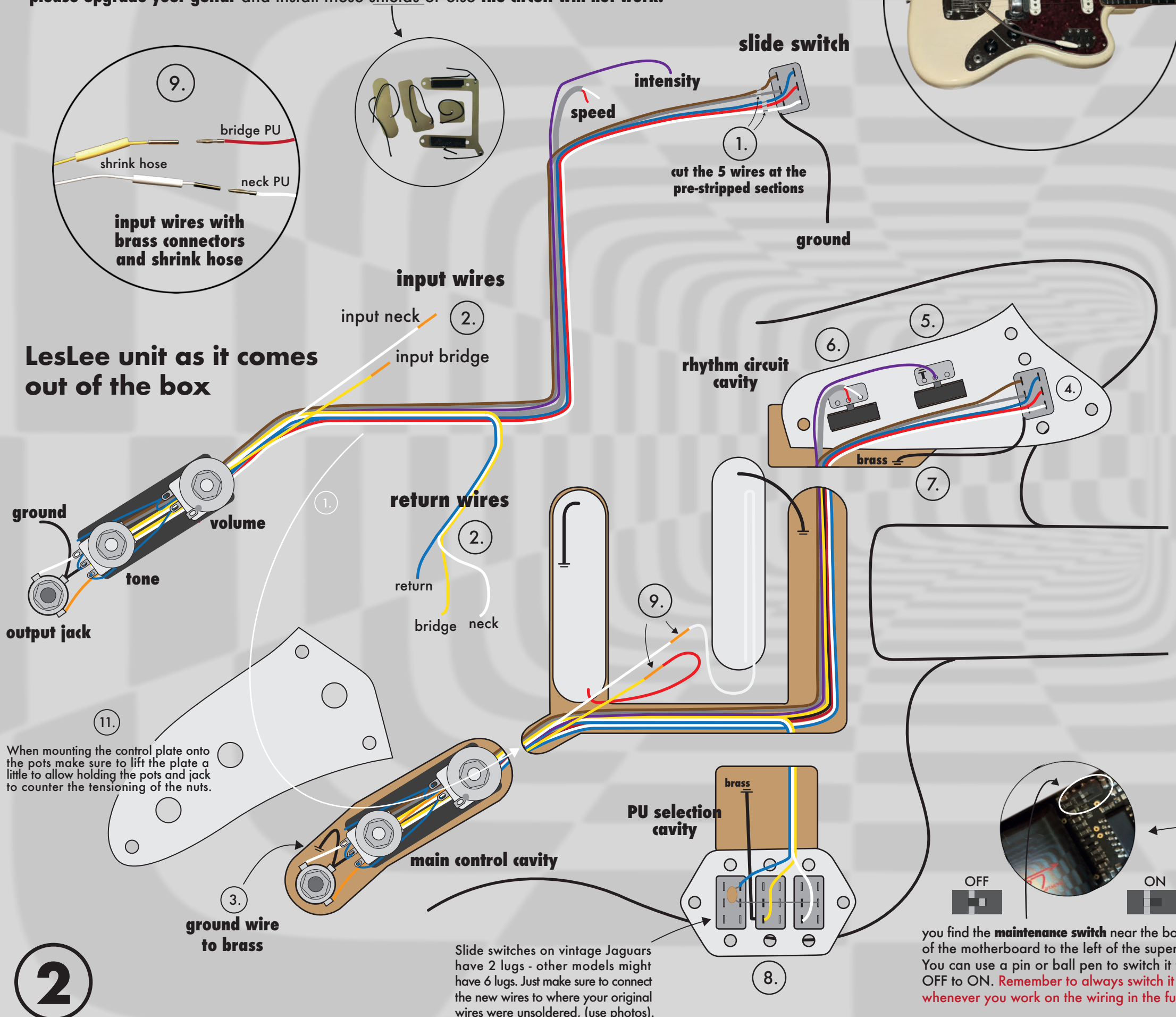


flip to continue on page two

Page two guides you through the steps of installing Pickup LesLee® onto your stripped control plates. The unit comes with all components wired to be mainly simply mounted. Those are the output jack, the volume & tone pots and the rhythm circuit slide switch. Additionally the wires for input and return signals, and intensity and speed controls, will need to be connected to the right places. Please follow the step by step guide on the right side of this page to proceed with the installation. Be aware that the interconnected standard **brass shields** in all cavities are a **crucial part of the circuit**. If your Jaguar comes without the 4 sections of brass in the cavities, **please upgrade your guitar** and install these shields or else **the circuit will not work**.



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1. Starting from the **main control cavity** we will thread all wires through the holes that connect the Jaguar specific cavities. But first separate the rhythm slide switch by **cutting the 5 wires** at the **stripped sections** near the switch (the short pieces of wire remain on the slide switch to ensure to reconnect the wires to the correct lugs in step 4.) Now carefully start threading these 5 wires plus the single **purple wire** plus the **speed wire** (red and white cores) **from the main control cavity all the way to the rhythm control cavity**.
2. The white, yellow & blue **return wires** are threaded to the pickup selection cavity. And finally the white and yellow **input wires (with brass connectors)** are threaded through the first hole into the channel below the pickups.
3. Now **solder the black ground wire to the brass shield of the control cavity** before inserting the unit all the way in.
4. Next screw the slide switch in place at the **rhythm section** and **solder the threaded wires to their corresponding lugs**. Do it one by one. Remove one short piece and solder the correct color wire to its corresponding lug at the switch.
5. **Proceed to solder the single purple wire to the middle lug of the right roller pot**. The ground connection of the left lug to the casing of the pot remains in place (or needs to be established, depending on your original wiring).
6. **The red & white cores of the grey speed wire are soldered to the left roller pot as shown in the drawing**. Note the third lug (left) is free and NOT connected to the casing.
7. The **black ground wire** coming from the casing of the slide switch is **soldered to the brass shield** (bottom of cavity).
8. **Next proceed with soldering the return wires to the pickup selector slide switches**. The **yellow** return wire (bridge PU) goes to the **middle slide switch** where the **red** wire was. The **white** return wire (neck PU) goes to the **right slide switch** where the **orange** wire was. Solder the **blue** wire to the **left slide switch** where the original **blue** wire was. (Use the photos you made in step 5, page 1, to allocate the correct lugs. No matter if your slide switches have 6 or 2 lugs, just proceed with connecting the wires to the lugs where the original wires were on your photos.)
9. Solder the **pin-sides** of the brass connectors to the **white and red output wires of the pickups** (you can use the tiny hole in the birch-ply as holder). Next put the short pieces of white and yellow shrink hose on the input wires and plug the **bridge PU (red wire/pin)** into the **yellow input wire** and the **neck PU (white wire/pin)** into the **white input wire**.
10. Slide the two pieces of shrink hose over the plugged brass connectors and stroke along the hoses with the side of your soldering iron to shrink them tight.
11. On the motherboard **switch the tiny maintenance switch to ON** and **mount the control cavity plate** onto the volume and tone pots and the output jack.
12. Now **carefully** remount the neck pickup without hurting any wires with the mounting screws.

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When mounting the control plate onto the pots make sure to lift the plate a little to allow holding the pots and jack to counter the tensioning of the nuts.

Slide switches on vintage Jaguars have 2 lugs - other models might have 6 lugs. Just make sure to connect the new wires to where your original wires were unsoldered, (use photos).

you find the **maintenance switch** near the bottom of the motherboard to the left of the supercap. You can use a pin or ball pen to switch it from OFF to ON. **Remember to always switch it OFF whenever you work on the wiring in the future.**

That's it ! Put the pickguard, the control plates and the bridge back in place, and restring your guitar. Then please proceed to the user manual to start using Pickup LesLee®.

