

This first page shows how to partially separate the original wiring from the cavity while preserving the option to revert your guitar back to its original state - in case you want to sell it or want to use the LesLee unit in another Telecaster Custom®, Telecaster Deluxe® or Toronto® guitar. We will remove the output jack and the two tone pots. This leaves you with the two volume pots and the 3-way toggle switch installed only. On page two the new pots for master tone and LesLee speed will be installed.

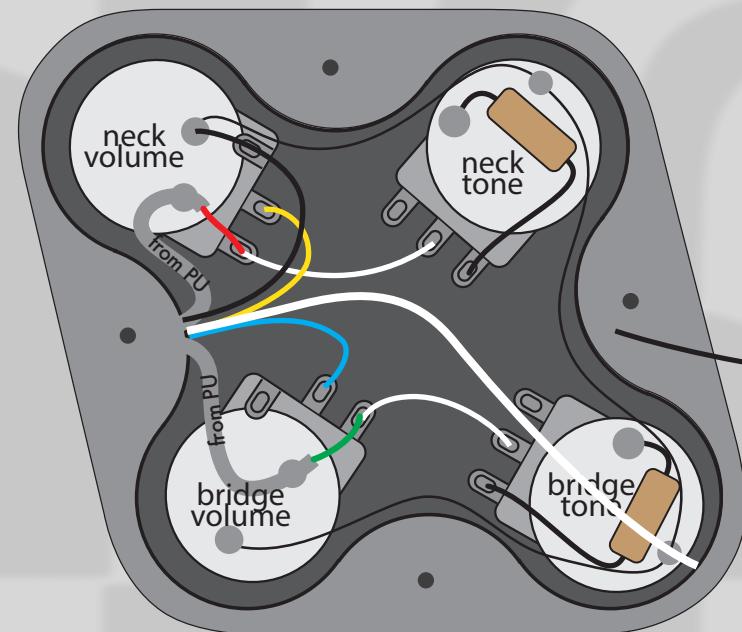
Please study the step-by-step guide in this manual before you proceed with the installation. And if you lack the experience with guitar electrics and using a soldering iron, please find a local guitar service point or a friend with experience who can do the installation for you.



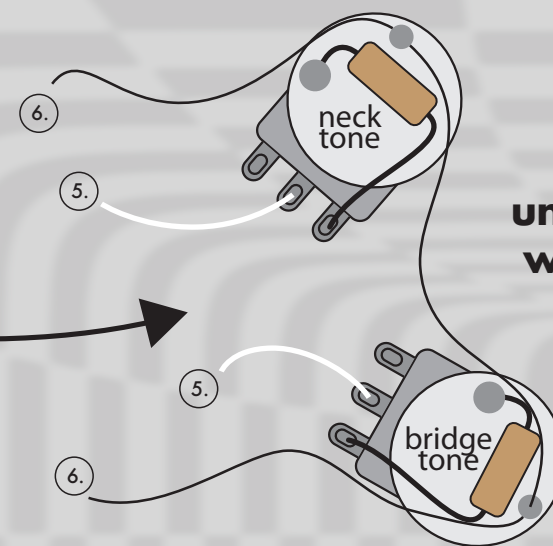
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needed tools:

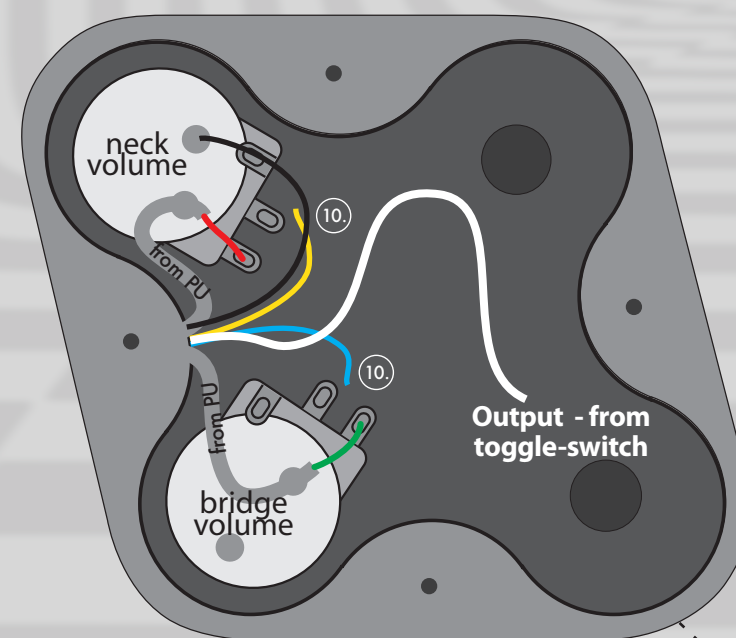
- cross head screw driver
 - soldering iron, best with temperature control
 - screw driver for the control knob set screws
- Also obtain the birch-ply wrench by unmounting it from the unit



control cavity with original wiring



unmounted original wiring components



partially stripped control cavity

1. Remove the lid from the control cavity on the back of the guitar.
2. Unmount the two tone knobs from their pot shafts by loosening the little set screws.
3. Loosen the nuts that hold the tone pots so you can easily unmount them by hand in step 8.
4. Make a few photographs of your wiring to document the original state of your guitar.
5. **At both volume pots unsolder the hot wire that goes to the tone pot.**
6. **At the volume pots unsolder the extra ground wires connecting the pot casings.** On some Toronto models the shield of one PU-cable is soldered to the tone-pot casing, please unsolder the cable there too and solder that ground to a volume pot casing.
7. At the rim of the guitar unscrew **the jack plate and unmount the jack from its plate.**
8. Pull the jack into the control cavity and **unsolder the jack from its wires.**
9. Unscrew and unmount the tone pots and remove them from the pick guard with caps and wires connected.
10. **At both volume pots unsolder the output wires (going to toggle switch) from each of the middle lugs.**
11. Store the removed wiring components to preserve the option of reverting your guitar to its original state.

done strippin'!



flip to continue on page two

Page two guides you through the steps of installing Pickup LesLee® into the stripped cavity. The unit comes with all components wired to simply be mounted. Those are the stereo output jack and the new master tone pot and the speed pot. The wires for inputs and return signals of the pickups will need to be connected to the right lugs and wires at the volume pots. Please follow the step-by-step guide on the right side of this page to proceed with the installation.

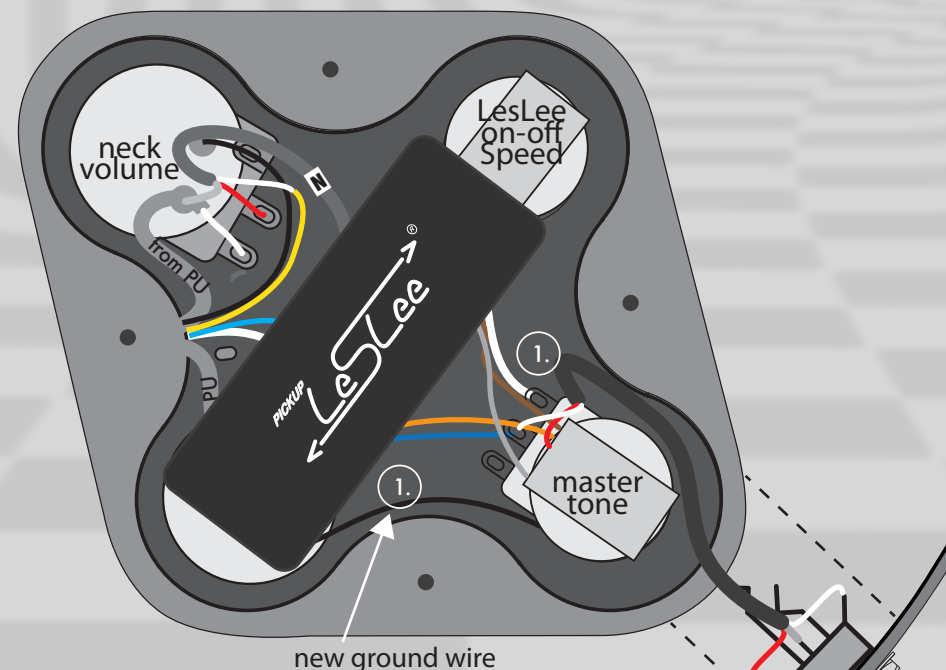
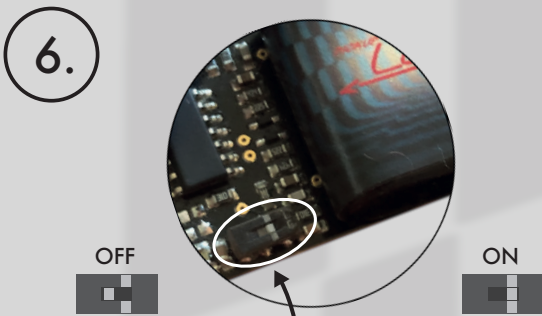
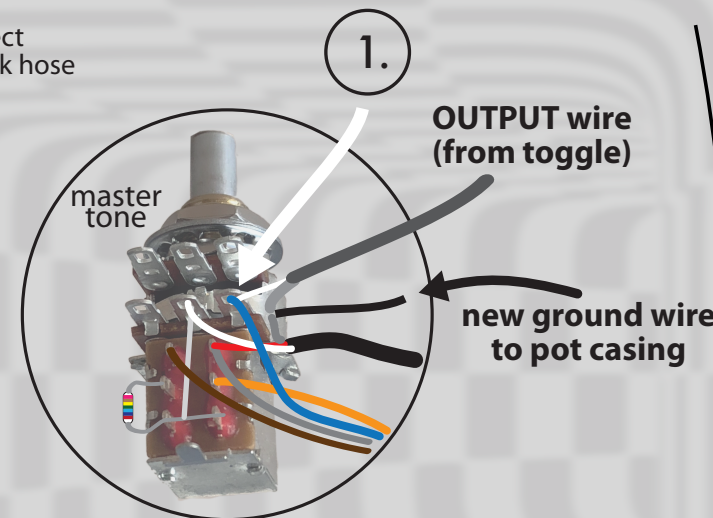
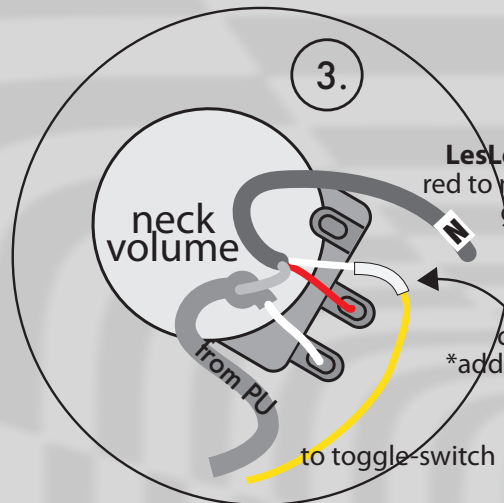
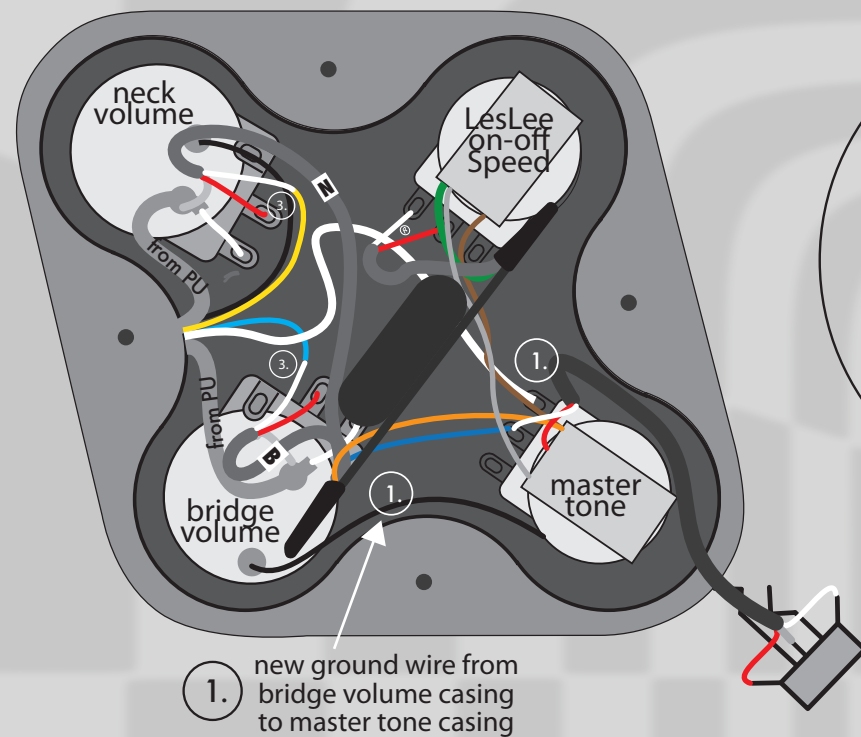


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If your unit comes with a long one-pole shielded cable, pls remove it. This extra cable is only used on Telecaster Deluxe and Telecaster Custom models (toggle output).



connecting the input/return and output cables



fully mounted LesLee unit in control cavity

1. Set the LesLee unit near the cavity and locate the **OUTPUT** wire that comes from the toggle switch, (formerly connected to the output jack). **Solder the hot wire to the first lug of the new master tone pot.** Also connect a ground wire between the pot casing of bridge volume pot and the new master tone pot. **See 1.**
2. Start with **setting the output jack and the two pots** of the LesLee into their holes. The motherboard is facing upward to remain good access to the volume pots for the next steps of the installation. Make sure to have the two pots positioned as shown in the illustration and mount them into their holes with their washers and nuts.
3. The unit comes with two **double core shielded cables**. One is gonna be connected to the **neck volume pot** and one to the **bridge volume pot**. The cables are marked with little stickers **N** for neck and **B** for bridge. Let's start with wiring the neck connections. **The shield** is soldered to the **casing** of the neck volume pot. Next solder the **red wire** to the **middle lug** of the pot and the **white wire** to the **disconnected wire** (see step 8, page 1) that goes to the toggle switch. Before soldering the connection apply the small white piece of shrink hose that comes with the unit (accessories bag). After soldering shrink it onto the connection with a few strokes of the side of your soldering iron.
4. **Repeat the same procedure with the cable marked "B" at the bridge volume pot.**
5. Mount the **jack onto the jack plate**, then screw the plate back onto the body.
6. On the motherboard switch the tiny **maintenance switch to ON**. To do so flip the board upward a bit towards the centre of the guitar body and use a pin or ball pen to move the slider on the switch to ON. (see picture 6)
7. Now you're ready to bend the unit back in place and close the cavity with its lid.
8. Mount your knobs onto the two new pots and if they come with set screws please use the included **brass sleeves** for a tight fit.

You find the **maintenance switch** near the bottom of the motherboard to the left of the supercap. You can use a pin or ballpen to switch it from OFF to ON.

Remember to always switch it OFF whenever you work on the wiring in the future.

On **left-handed guitars** the motherboard will run along the shorter diagonal of the cavity pointing at the neck volume pot. And the former bridge tone will be speed On-Off and the former neck tone is the master tone.

That's it ! Please proceed to the user manual to start using Pickup LesLee®.

done!