

**Master Volume**

**Pickup selector toggle switch**

**Neck pickup volume (bass)**

**Compression attack**

**Compression gain**

**Middle pickup volume (if applicable)**

**Bridge pickup volume**

**Six-position compression switch**

Turning right, clockwise, from far left position:

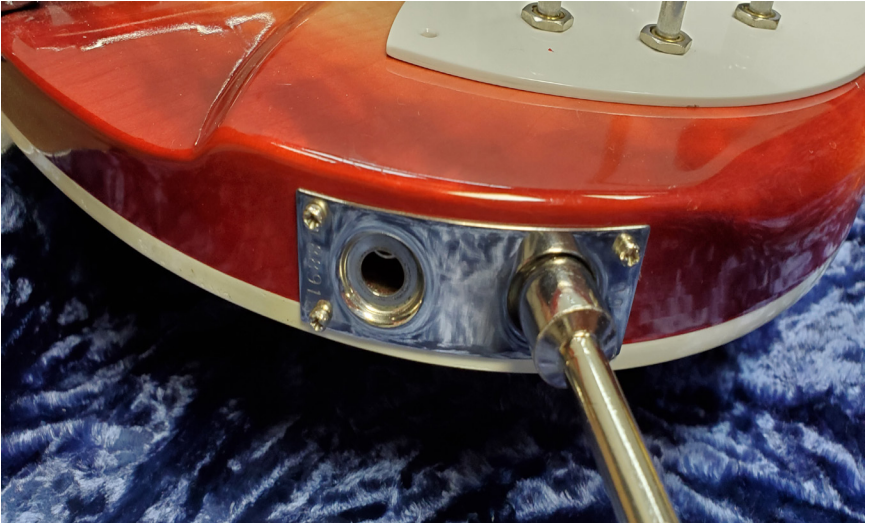
- Dark (no compression)
- Medium (no compression)
- Clean (no compression)
- Warm/Darker compression
- Normal compression
- Treble Boost compression

The JangleBox JB-OB onboard compression circuit will make your prized 300-series Rickenbacker sound glorious, with incredible tone options. It's based on the JangleBox JBX, our high-end performance pedal. The JB-OB chime and sustain will give your guitar a sound unlike any off-the-shelf Rick.

The installation is only seven steps, and can be performed with regular guitar tools, but it requires patience and attention to detail. Basically, you're connecting your guitar's pickup cables to the JB-OB terminal block. Please first review all the steps carefully. If you have a reasonable ability to connect wiring, it won't be difficult. But if the task isn't in your wheelhouse, a good repair tech at your local music store can handle it for you.

## GETTING STARTED

1.
  - a) Remove the guitar knobs.
  - b) Remove the three upper pickguard screws and rear pickguard screw.
  - c) Remove the nuts from output jacks.

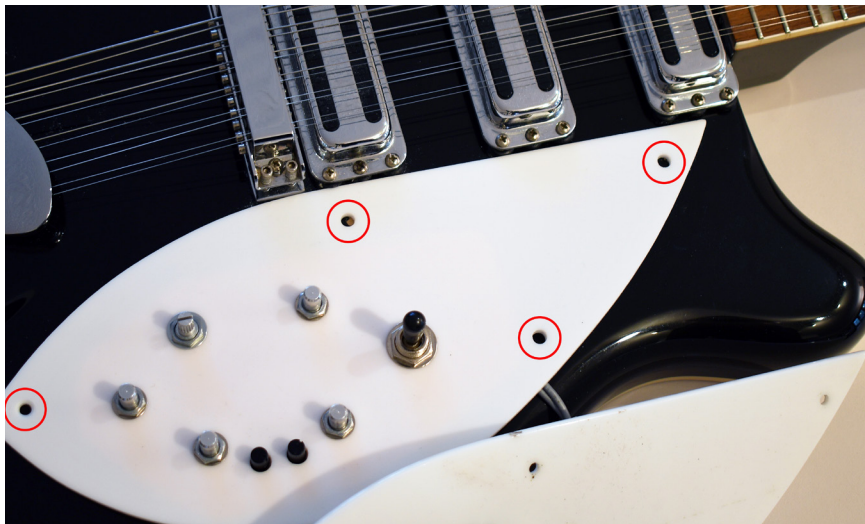


2. Gently lift the pickguard assembly from the body of the guitar and lay it at the bottom front of the guitar

*[Fireglo and Jetglo guitars are used in this manual].*

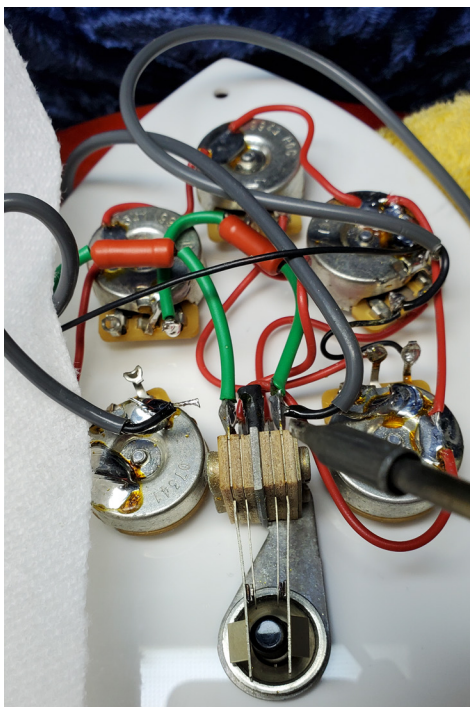


**NOTE:** Before de-soldering or cutting any wires, place the JB-OB pickguard carefully in the cavity to make sure the drill holes align. You'll have to finesse the pickguard into position and press it to the existing holes. They should align just fine.



Now you can de-solder the pickup cables from the old selector switch/potentiometer backs. If you don't have a soldering iron, the wires can be cut and re-stripped.

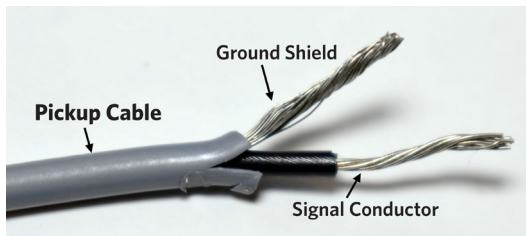
*[Just ignore the old green-and-red-wire assembly. Your JB-OB will replace all of that.]*





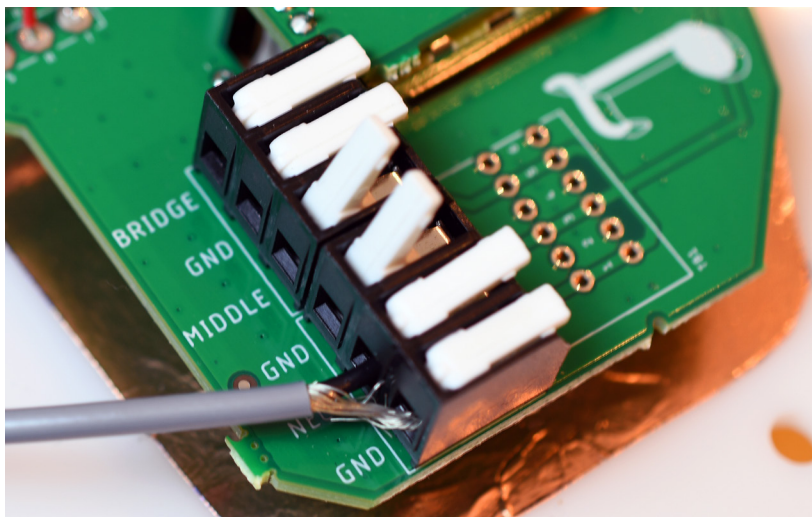
### IMPORTANT:

The pickup cables consist of a signal conductor in the center and ground shield around the outside. Make sure about 1/4" - 3/8" of bare wire is exposed on each conductor.



## MAKING THE CONNECTION

3. Insert the pickup cable conductors into the terminal block on the JB-OB by opening the white levers. It's easiest if you insert the wire pairs simultaneously into the pickup and ground openings.



The signal conductor connects to the appropriate "Bridge", "Middle", "Neck" location (depending on if you have a two- or three-pickup guitar); the ground shield connects to the adjacent ground location marked "GND". **Make sure the bare ground shield and bare signal conductor wires don't touch — they'll short and you won't hear any sound!** If there's a bridge ground wire (distinct from the bridge pickup wire), insert it into one of the pickup GND locations with the pickup wire. When the wires are inserted and the white levers clamped down, give the cables a little tug to make sure all the wires are securely fastened.

4. From inside the body, push the output jacks through the serial number metal plate and replace the washers and nuts. Install the 9V battery (included in your package). The JB-OB assembly is now ready to set into place.



## REASSEMBLY

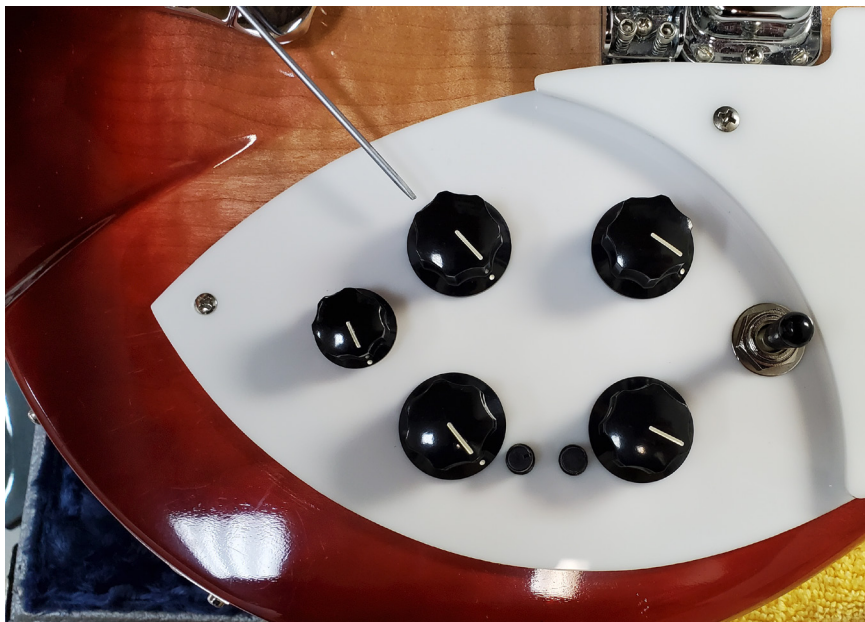
5. Position the JB-OB pickguard assembly into the body cavity, careful not to pinch the cables wires with the new pickguard.



- 6.** Align the screw holes in the pickguard with holes in the body and replace the three upper, and rear pickguard screws. Be careful not to over-tighten screws.



- 7.** Install your original knobs on the new JB-OB assembly pots.







**You're now ready to play!** Remember that plugging a guitar cable into the output jack (either jack on Rick-O-Sound models) will complete the negative connection of the 9V battery, so be sure to unplug guitar cables when not in use to prevent draining the battery!

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**Be sure to check out installation and demo videos at:**  
**[www.janglebox.com/jb-ob](http://www.janglebox.com/jb-ob)**

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**WARRANTY:** JangleBox LLC warrants that the JangleBox JB-OB shall be free from defects. Consumer must notify JangleBox LLC in writing, within one year of delivery of the JangleBox JB-OB, of any claim that there is a defect in the circuit. If the JB-OB is found defective by JangleBox LLC, its sole obligation under this warranty is to remedy such defect in a manner consistent with JangleBox's regular business practices.

The above is a limited warranty and it is the only warranty made by JangleBox LLC. JangleBox LLC makes no other warranty express or implied and expressly excludes all warranties of merchantability and fitness for a particular purpose. JangleBox LLC shall have no liability or consequential, exemplary, or incidental damages resulting from or arising out of the use or installation of the JangleBox JB-OB.

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