

Congratulations ON YOUR PURCHASE

Whether this is your first time building a guitar or you are an experienced builder, we hope this makes a great new addition to your collection of guitars. And, of course, you can be confident that no one will have a guitar exactly like it.

This instruction booklet covers LP style guitar, both single cutaway and double cutaway models, or other models that utilize a 2 Humbucker, 2 Volume, 2 Tone, 3-way switch setup.

INVENTORY OF PARTS



1. Body
2. Neck
3. Switch Cavity Cover
4. Wire (colors will vary)
5. Control Cavity Cover
6. Neck Plate (bolt on models only)
7. Pickups (2)
8. Strings
9. Truss Rod Cover, 3 screws

10. Strap Knobs, 2 screws
11. Output Jack Plate, 4 screws
12. Output Cable
13. Allen Wrench for Truss Rod
14. Tuner Washers and Ferrules
15. Tuners (6)
16. Pot Washers and nuts
17. Knobs
18. Tone Capacitors

19. Tailpiece
20. Bridge and Tailpiece posts
21. Bridge
22. Switch
23. Pickup Mounting Screws
- (8) Truss Rod Cover Screws
24. Strap knob rubber washers
25. Cover Plate screws
- Pickguard and mounting bracket (with select models)

BEFORE STARTING



Start by doing a test fit of all the parts to ensure things fit together as they should. Place the neck and bridge into position, and use a straight edge to ensure that the neck angle is correct for the bridge provided.

Note: It is normal for the neck to angle back slightly from the guitar body, especially on models with floating bridges. This angle compensates for the height of the bridge.

There are many methods and many techniques to finish your guitar. You can use standard off-the-shelf materials, or products made specifically for finishing guitars. There are many resources available online to help you get the finish you are looking for. Take your time, leaving ample time between ample coats to ensure the best finish possible.

FINISH



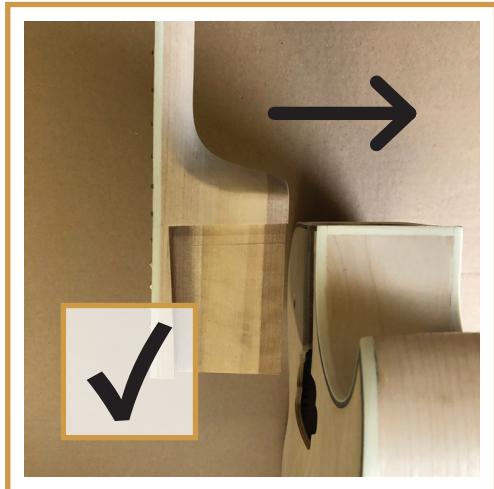
Pro Tip: Be sure any finish materials are warm, never cold. This will improve the flow of the material and reduce splattering from spray tips. Floating the can for a few minutes in warm water will ensure the best finish possible.

Begin by shaping the headstock if desired. This is left with extra material so that it can be shaped as you best see fit. Use a band saw or coping saw to give it your shape, then file or sand to finish. Be sure to test fit the tuners before cutting to ensure you will still have enough material to secure them later.

NOTE: Only a light sanding by hand should be necessary. Many of the veneers used on guitars can be quite thin, and can be sanded all the way through if proper caution is not taken. Power sanders of any type should not be used.

Many necks have a slightly trapezoidal shape to provide extra strength upon assembly. For this reason, necks should be inserted into the body from the side, rather than from the top down.

NECK INSERTION



ASSEMBLY


Start by attaching the tuning pegs to the headstock. Insert the back of the tuning key and set in place using the small set screws. Insert the ferrule inserts and tighten to a light pressure. Only use hand tools, as tuners can be delicate.

Attach the strap knobs using the pre-drilled pilot holes, using the rubber washer between the knob and the body of the guitar.

SET NECKS

Attach the neck to the guitar by gluing it in place. Be sure to set it tight in the front of the neck pocket and use a clamp to hold it overnight. Use a rag between the clamp and the guitar to prevent marring the guitar or frets. Many glues will work, but Titebond Original Wood Glue is the most popular.

BOLT ON NECKS

Attach the neck using the 4 long bolts. No extra glue is needed. To ensure the neck is aligned straight, secure the neck using a C-Clamp prior to inserting the screws. This will ensure the neck doesn't shift during installation. Use a rag between the clamp and the guitar to prevent marring the guitar or frets.

NEXT

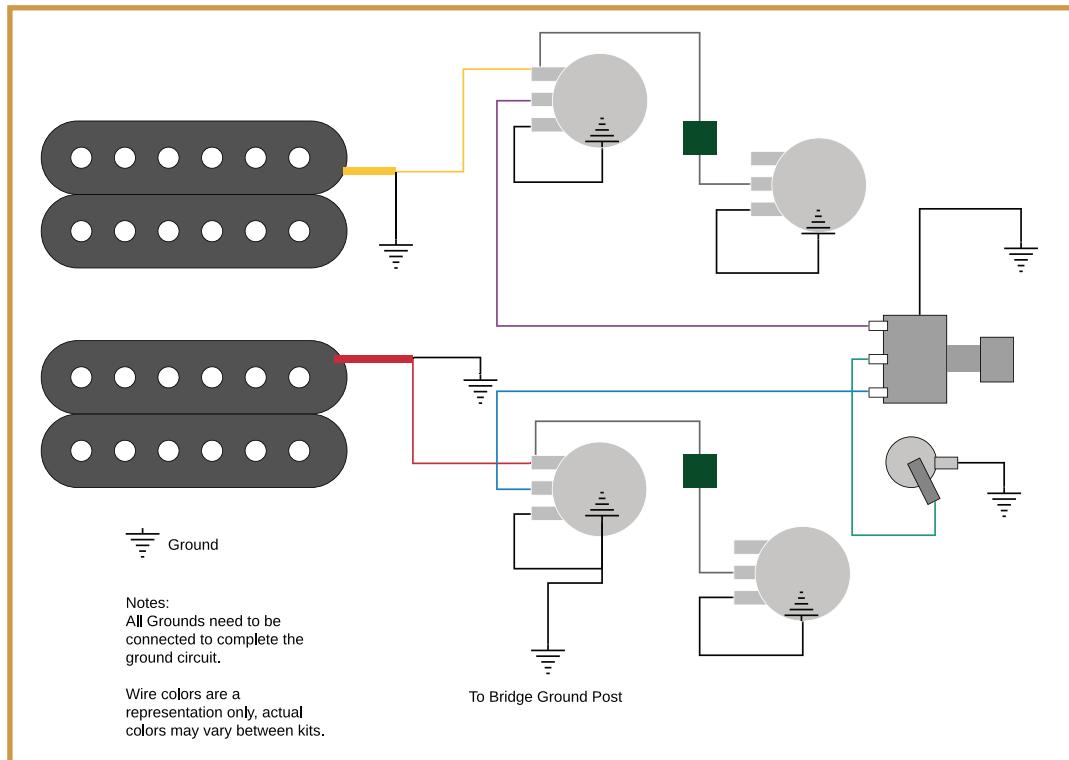
Secure the bridge and tailpiece by inserting the posts using firm pressure. The bridge should have a ground wire running from the back of one of the pots to one of the posts (See the wiring diagram on the next page). Strip back some of the wire insulation and hold it into place while installing the bridge posts. This will complete the ground circuit.

Install the pickups by first fishing each wire through the access hole and into the control cavity. The pickup for the bridge position has a taller plastic frame than the neck pickup.



For ease of wiring, insert each potentiometer and secure it in position using the included washer and nut. Pots come in two varieties: A500k and B500k. B500k pots have a linear adjustment, where A500k pots are logarithmic in their adjustment. Each player has their preference, but generally A pots are used for volume control and B pots are used for tone control.

This model features 2 pickups, 2 tone pots, 2 volume pots, and an output jack that will need to be soldered. There are lots of options for wiring your guitar depending on the tone and performance you are looking for, and the internet is loaded with options and mods. Here is a popular wiring configuration.

WIRING


If you are not comfortable following the wiring diagram above, or if you would like a bit more guidance, I recommend the videos found on thefretwire.com/lp-support.

Show it Off

Congratulations on your new guitar. We would love to see it!

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