

New Jersey Jr Electric Guitar DIY Kit

Thank you for purchasing this DIY Guitar Kit. The following instructions specify how to assemble your guitar. There are a variety of finishes that can be applied to the guitar, and it is up to you to choose the style that best suits you. Information on how to apply the finishes are readily available on the internet. We recommend a little research to find your favoured finishing method.

All of our headstocks are provided 'uncut'. This gives you the opportunity to be creative and design your own, or copy one of the popular styles. For this, we recommend marking the shape out with a pencil, cutting the design with a Coping Saw or Jigsaw, and then finishing off with sandpaper. We have not supplied full instructions for this, as the process will depend on your individual design. Again, an internet search engine search will provide far more relevant instructions than we would be able to provide.

The guitar will need to be fully 'set-up' after construction. This is the process to make the guitar fully playable. Numerous video guides can be found online, and we recommend searching on popular video streaming sites. Alternatively, the guitar can be professionally set up by your local professional Luthier.

Before you start you will need to make sure you have the following tools to hand:

- Soldering Iron
- Cross Head Screwdriver - Medium Head
- Cross Head Screwdriver - Small Head
- Battery Powered Screwdriver (not essential but advised)
- Tape Measure or Ruler

The logo for 'gear4music' features the text 'gear4music' in a bold, rounded, sans-serif font. The number '4' is significantly larger than the other characters. Behind the text is a large, light grey gear icon with a stylized human figure inside it, suggesting a focus on DIY or music-related activities.

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Enjoy building your Guitar!

Contents



Parts

- 1. GuitarBody x 1
- 2. Guitar Neck x 1
- 3. Pickup x 1
- 4. Transistor x 1
- 5. Jack Plate x 1
- 6. Tone Pot x 1
- 7. Volume Pot x 1
- 8. Bridge Pins x 2
- 9. Bridge x 1
- 10. Machine Heads x 6
- 11. Washers x 6
- 12. Ferrules x 6
- 13. Backplate x 1
- 14. Truss Rod Cover x1

- 15. Scratch Plate x 1

- 16. Neck Plate x 1
- 17. Control Knobs x 2
- 18. Strap Buttons x 2
- 19. Strings x 6

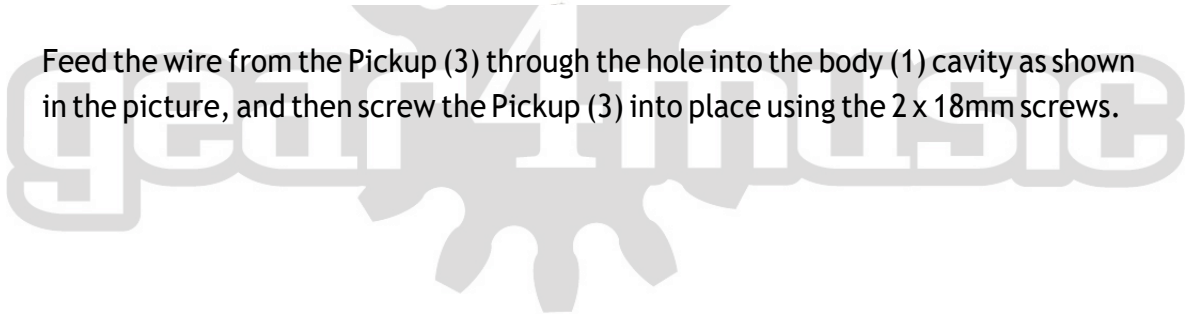
Screws

- 5mm x6
- 7mm x 4
- 8mm (thin) x3
- 8mm (thick) x5
- 18mm x 2
- 26mm x 2
- 45mm x 4

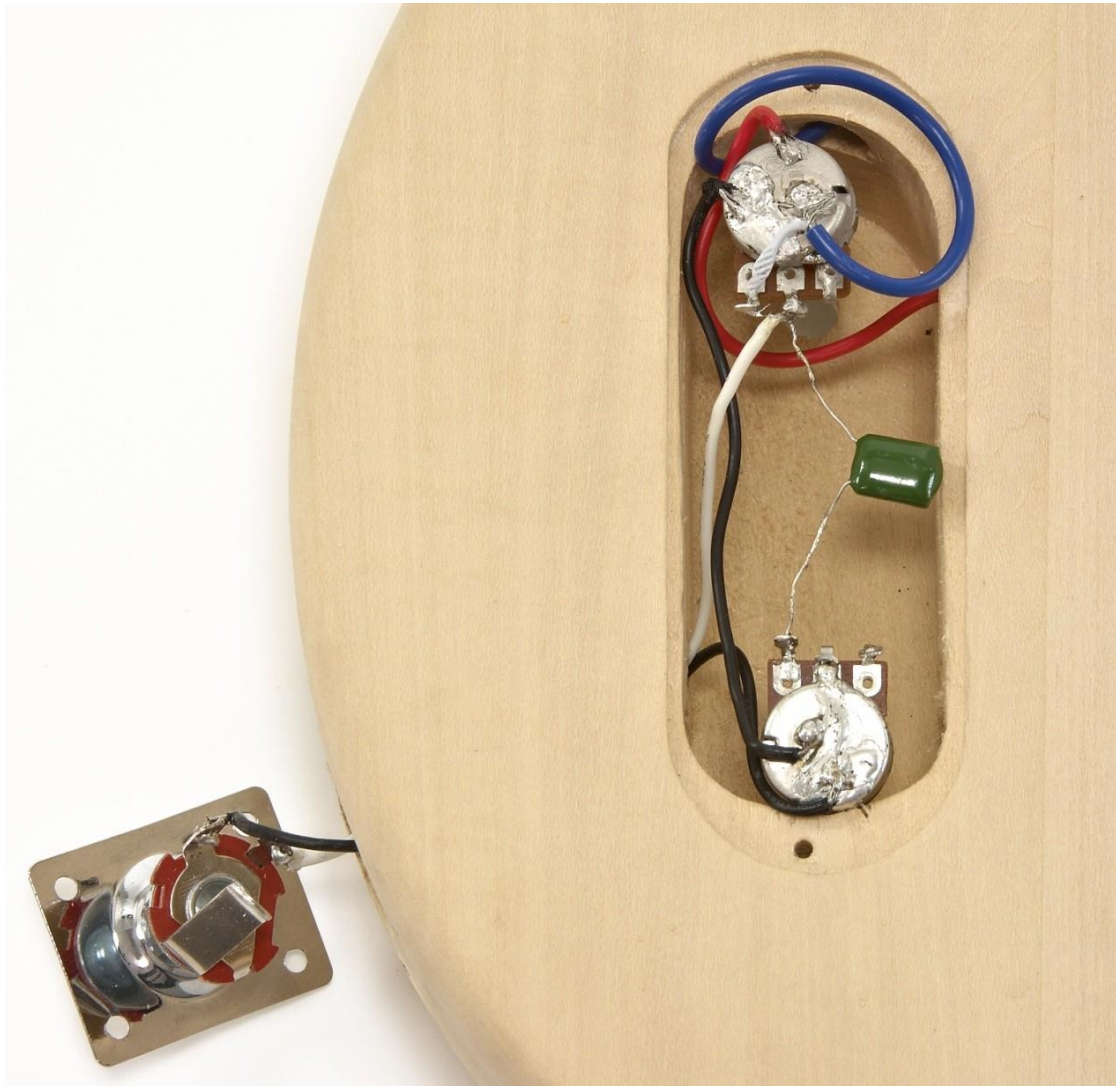
Step 1



Feed the wire from the Pickup (3) through the hole into the body (1) cavity as shown in the picture, and then screw the Pickup (3) into place using the 2 x 18mm screws.



Step 2



Solder the covered wire from the Pickup (3) on to the first arm of the Volume Pot (7). The uncovered wire from the pickup should be soldered on to the back of the same pot. Thread the Earth Wire through the hole in the cavity and solder to the back of the Volume Pot. Solder a wire to the middle arm of the volume pot and solder the other end to the longer arm of the Jack Plate (5), remembering to thread it through the body. To the same arm solder one arm of the Transistor (4). Bend the third arm of the Volume Pot towards the body, and solder in place. Solder one of the black wires to the back of the volume pot.

Solder the other end of the Black wire to the back of the Tone Pot (6). Solder one end of the other Black wire to the back of the Tone Pot, and the other end to the remaining arm on the Jack Plate (5). Solder the second arm of the Transistor to the first arm of the Tone Pot. Bend the second arm of the Tone Pot towards the body, and solder in place.

Step 3



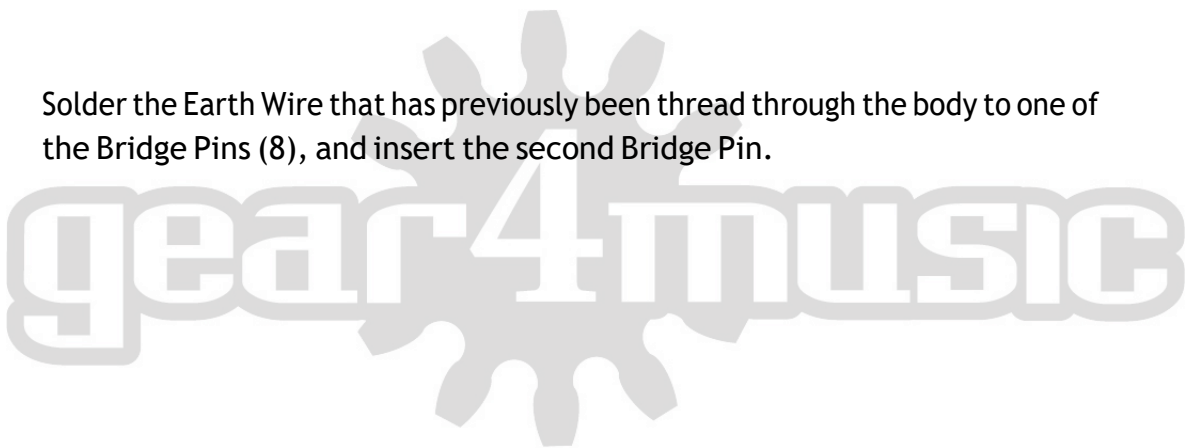
Screw the Backplate (13) in place using two of the 8mm (thick) screws. Turn the Body over and screw the Washers and Nuts from the Tone and Volume knobs to the tops of the Pots that have been inserted through the Body holes.

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Step 4



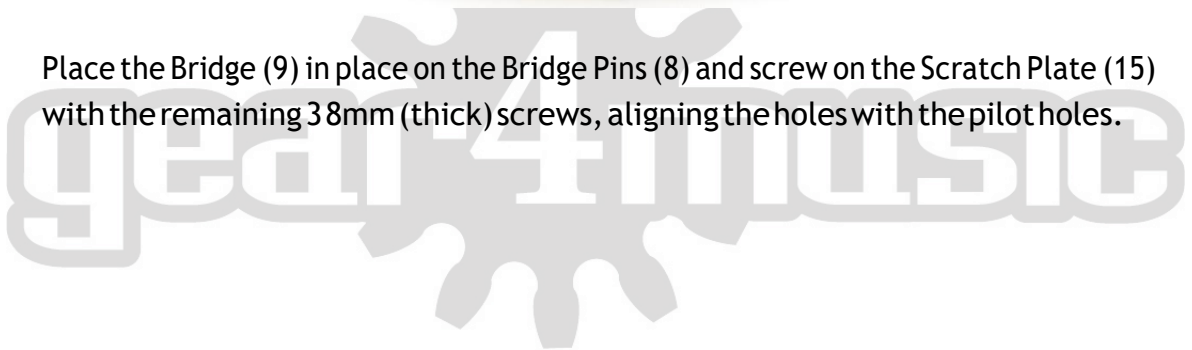
Solder the Earth Wire that has previously been thread through the body to one of the Bridge Pins (8), and insert the second Bridge Pin.



Step 5



Place the Bridge (9) in place on the Bridge Pins (8) and screw on the Scratch Plate (15) with the remaining 38mm (thick) screws, aligning the holes with the pilot holes.



Step 6



Insert the machine heads (10) into the holes in the Headstock (2). Place the washer (11) on top, and then screw in the Ferrules (12). The neck should then be turned over and the 6x5mm screws should be screwed in to the pilot holes securing the machine heads in place. Make sure that the screw hole in the Machine Heads are facing downwards.

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Step 7



Put the Body (1) and Neck (2) together. Place the Neck Plate (16) with the rubber Pad on the back of the Body (1) in line with the pilot holes, and attach with the 4x45mm screw. Place the Truss Rod Cover (14) in place, matching the holes with the pilot holes, and screw in using the 3 x 8mm (thin) screws.

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Step 8



Attach the Strap Buttons (18) with their rubber washers to the pilot holes on the base and arm of the body (1) using the 2x26mm screws. String the guitar using the provided strings (19)



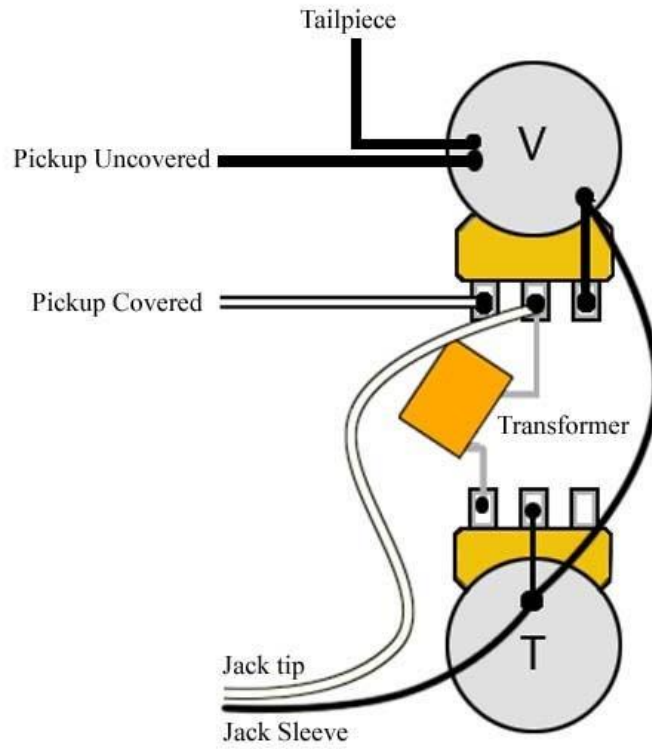
Congratulations, you have now completed the construction of your guitar.



Appendix

LP-J Wiring Diagram

Please Note: Wire colour may differ from diagram



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