

# LA 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

Enjoy building your Guitar!

# Contents



## Parts

- 1. Guitar Body x 1
- 2. Guitar Neck x 1
- 3. Machine Heads x 6
- 4. Jack Plate x 1
- 5. Bridge x 1
- 6. Spring Anchor Plate x 1
- 7. Tremolo Springs x 3
- 8. Backplate x 1
- 9. Strings x 6
- 10. Neck Plate x 1
- 11. MachineHeadFerrules x 6
- 12. Washers x 6
- 13. String Trees x 2
- 14. Strap Buttons x 2
- 15. Solder (1 Strip)

## Screws

- 6mmx8
- 7mm x 7
- 8mm x 1
- 25mm x 1
- 28mm x 6
- 35mm x 2
- 45mm x 4

## Additional

- AllenKey x 1
- Tremolo Arm x 1
- Jack Cable X 1

## Step 1



Attach the Jack Plate (4) to the wires on the front of the body (1) using the solder provided (15). The white wire should connect to the top arm of the jack input, and the red wire to the bottom arm. The Jack Plate (4) should then be placed to match the pilot holes on the front of the body using two of the 6mm screws.

## Step 2



Turn the guitar body (1) over and solder the orange earth wire to the Spring Anchor Plate (6) using the remaining solder (15). The wire should feed through the hole in the middle of the Anchor. The Spring Anchor Plate should then be screwed into the pilot holes in the body using the 2 x 35mm screws. The screws should be screwed in approximately to the end of the thread.

### Step 3



Turn the guitar over and attach the Bridge (5) to the Body (1) using the 6 x 28mm Screws.



Turn the guitar over and connect the Spring Anchor Plate (6) to the Bridge (5) using the three Springs (7). The Backplate (8) should then be lined up with the pilot holes and attached using the remaining 6 x 6mm screws.

#### Step 4



Insert the machine heads (3) in to the holes in the Headstock (2). Place the washer (12) on top, and then screw in the Ferrules (11). The neck should then be turned over and six of the 7mm screws should be screwed into the pilot holes securing the machine heads in place.

#### Step 5



Put the Body (1) and Neck (2) together. Place the Neck Plate (10) with the rubber Pad on the back of the Body (1) in line with the pilot holes, and attach with the 4 x 45mm screw.

## Step 6



Attach the Strap Buttons (14) with their rubber washers to the pilot holes on the base and arm of the body (1) using the 2 x 25mm screws.

## Step 7

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String the guitar and then attach the String Trees (13) to the Headstock (2) using the 7mm and 8mm screws and the small spacers. The 8mm screw and larger spacer should be placed between the D and G strings, and the smaller spacer and 7mm between the B and E strings.

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

