

KIT-JB-15

Tools needed

Small Phillips screwdriver

Big Phillips screwdriver

Soldering iron and solder

Wrench

Hammer

How great would it be to build your own bass and then storm the stage with it? Even if you are a dreadful handyman, you can use the DIY kit from Boston. It does not need to be cut, drilled or milled, as it is all done for you.

The neck is already equipped with frets and neck and the body is already aligned. All supplies (except equipment) are included in the package such as pickups, screws, potentiometers, tuners and strings. Furthermore you can of course enjoy them with paint and/or specify the colour or gloss you want. If you wish to continue viewing the wood grain, then the clear coat is an excellent choice to emphasize the grain of the wood. The DIY guitar Boston is a fun, easy and creative way to create your own unique bass.

body : mahogany

neck : USA maple

fingerboard : pau ferro

pickups : 2 x single coil

hardware : chrome

Wood

First shape the headstock to your liking. Use files or saws and sanding paper to make your headstock design neat and tidy. Make sure you remove all saw and sanding marks. This will be your signature on this guitar, take your time!

Sanding and finishing

Take the loaded pickguard off your guitar. Sand the body and neck with 320 grit dry sanding paper. After this step, use masking tape to guard those parts that you don't want to colour/finish. Always follow the instructions on your finishing product, be it staining, spraying with aerosol cans or finishing in a spraying booth. After the body and neck have been finished in the colour and gloss of your choice, and you have polished your guitar to the desired result, it's time to fit the neck to the body.

The base of each guitar is the wood construction. The neck pocket in our kits is perfect. There is no need to work the neck pocket other than maybe a simple sanding. Slide the neck into the pocket and take the neckplate and the four big screws to fasten the neck.

Electronics

Take the pickups and thread the cables into the electronic cavity. Take two springs and two long screws and slide the spring over the screw, screw the pickup into the body. Thread the loose wire from the control plate harness and thread this into the hole that leads to the opening under the bridge. This wire needs to make a connection to the bridge to prevent hum. Now screw the bridge onto the body to secure the wire. Solder the pickup wires to the potentiometers. See the attached diagram.

Check if both pickups and both the volume control and tone control work accordingly. If everything works, you can close the electronic cavity.

Hardware

Install the machine head bushings. Lightly tap them into place with a hammer. Use some wood or other material to prevent the bushings from getting damaged by the hammer. Before drilling or punching a hole to secure the machine heads, please align the machine heads on the back, so it looks neat and tidy. Now fasten all screws and nuts. A loose washer or nut can cause unwanted resonance.

Put the strings on and start tuning your bass.

Now the bass needs a set up. Once tuned to pitch, check the neck curve and adjust to your preference with the trussrod key. Check the frets for level. If the frets are not level enough to your liking, level and polish the frets. Now adjust the string height so the guitar plays comfortably all over the neck and there is no string buzz. The string height at the bridge is set using the supplied small Allen wrench. The string height at the nut is set by filing the string slots to the desired height. Intonation is set by adjusting the intonation screws.

Finish setting up with adjusting the intonation. Now you are ready. You have built your JB-15 ! Have fun playing it!

