

Fazley FTL-DIY-UP

Fazley FTL-DIY-UP Electric Guitar Kit Instruction Manual

Model: FTL-DIY-UP

1. INTRODUCTION

This manual provides comprehensive instructions for assembling, operating, and maintaining your Fazley FTL-DIY-UP Electric Guitar Kit. This kit allows you to build your own TL-style electric guitar, offering a rewarding experience for enthusiasts. The kit includes all necessary components, such as a paulownia body with black binding and chrome hardware, to construct a functional electric guitar.

Please read all instructions carefully before beginning assembly to ensure proper construction and optimal performance of your instrument.

2. KIT CONTENTS

Before starting, verify that all components listed below are present in your kit. If any parts are missing or damaged, please contact your retailer.

- Paulownia Body (unfinished, with black binding)
- Maple Neck (bolt-on, with maple fretboard)
- Chrome Hardware (tuners, bridge, control plate, output jack, strap buttons, screws)
- Pickups (S-S or H configuration)
- Electronics (potentiometers, switch, capacitors, wiring)
- Pickguard (black)
- Strings (alloy steel)



Image: Assorted hardware and electronics components included in the kit.

3. ASSEMBLY (SETUP)

The assembly process involves several steps, from attaching the neck to wiring the electronics. Basic tools such as screwdrivers, a soldering iron, and wire cutters will be required.

3.1 Body and Neck Preparation

1. Inspect the paulownia body and maple neck for any imperfections. The body is unfinished, allowing for custom finishing if desired.
2. Carefully attach the neck to the body using the provided neck plate and screws. Ensure the neck is seated correctly in the neck pocket and aligned straight.



Image: Unfinished paulownia guitar body with pickguard and routing.



Image: Rear view of the unfinished paulownia guitar body.



Image: Rear view of the unfinished maple guitar neck.







Image: Front view of the unfinished maple guitar neck with fretboard.

3.2 Hardware Installation

3. Install the tuners onto the headstock.
4. Mount the bridge onto the body. Ensure proper alignment for string spacing and intonation.
5. Attach the control plate, output jack, and strap buttons.

3.3 Electronics Wiring

This kit includes all necessary electronic components for a standard TL-style guitar. Wiring diagrams are crucial for correct assembly. While a specific diagram is not included in this manual, general Telecaster wiring diagrams are widely available online and can be easily found with a quick search. These diagrams will illustrate how to connect the pickups, potentiometers, switch, and output jack.

Note: Soldering skills are required for this step. If you are unfamiliar with soldering, seek assistance from an experienced individual or consult online tutorials.

3.4 Stringing and Initial Setup

6. Once all hardware and electronics are installed, string the guitar with the provided alloy steel strings.
7. Tune the guitar to standard pitch (E-A-D-G-B-e).
8. Perform an initial setup, including adjusting string height (action) at the bridge and checking neck relief. Intonation should be set after the guitar has settled.

4. OPERATING YOUR ELECTRIC GUITAR

After successful assembly and initial setup, your Fazley FTL-DIY-UP electric guitar is ready for use.

4.1 Connecting to an Amplifier

Use a standard instrument cable to connect the guitar's output jack to an electric guitar amplifier. Adjust the volume and tone controls on your guitar and amplifier to achieve your desired sound.

4.2 Controls

Your guitar features standard TL-style controls, typically including:

- **Volume Knob:** Controls the overall output volume of the guitar.
- **Tone Knob:** Adjusts the treble frequencies, allowing you to brighten or darken your sound.
- **Pickup Selector Switch:** Allows you to select between the neck pickup, bridge pickup, or a combination of both (depending on the specific wiring configuration).

5. MAINTENANCE

Regular maintenance will ensure the longevity and playability of your guitar.

- **Cleaning:** Wipe down the body, neck, and strings with a soft, dry cloth after each use to remove sweat and grime. Use guitar-specific cleaning products for deeper cleaning.
- **String Replacement:** Replace strings regularly, typically every 1-3 months depending on usage, to maintain optimal tone and playability.

- **Fretboard Care:** Periodically clean and condition the fretboard (if it's not a finished maple fretboard) to prevent drying and cracking.
- **Hardware Check:** Periodically check all screws and nuts for tightness. Loose hardware can affect tuning stability and tone.
- **Storage:** Store your guitar in a stable environment, away from extreme temperature changes and humidity fluctuations, to prevent wood warping.

6. TROUBLESHOOTING

Here are some common issues and their potential solutions:

- **No Sound:**
 - Check all cable connections (guitar to amp, power to amp).
 - Ensure the amplifier is on and volume is up.
 - Verify guitar's volume knob is turned up.
 - Inspect wiring for loose connections or cold solder joints (refer to wiring diagrams).
- **Buzzing/Humming:**
 - Ensure proper grounding in the electronics.
 - Check for loose wires or components.
 - Single-coil pickups naturally produce some hum; this is normal.
- **Poor Tuning Stability:**
 - Ensure strings are properly stretched and seated at the tuners and bridge.
 - Check for loose tuner screws or worn-out tuners.
 - Ensure the nut slots are not binding the strings.
- **Fret Buzz:**
 - Adjust string action at the bridge.
 - Check neck relief; a truss rod adjustment may be needed (consult a guitar technician if unsure).
 - Ensure frets are level.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	73 x 50 x 7.5 cm
Item Weight	3.8 kg
Body Material	Paulownia
Neck Material	Maple
Fretboard Material	Maple
Neck Connection	Bolt-on

Top Material	Maple
Back Material	Maple
Number of Strings	6
Pickup Configuration	S-S or H (Single-Single or Humbucker)
String Material Type	Alloy Steel
Guitar Bridge System	Fixed

8. WARRANTY INFORMATION

Specific warranty details for the Fazley FTL-DIY-UP Electric Guitar Kit are not provided in this manual. For information regarding warranty coverage, terms, and conditions, please refer to the documentation provided by your retailer or contact Fazley customer support directly.

9. SUPPORT

If you encounter any issues during assembly or operation that are not covered in this manual, or if you require further assistance, please utilize the following resources:

- **Retailer Support:** Contact the store or online vendor where you purchased the kit.
- **Fazley Official Website:** Visit the official Fazley website for product information, FAQs, and contact details.
- **Online Guitar Building Communities:** Many online forums and communities offer valuable advice and troubleshooting tips for DIY guitar builders.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question