

[Manuals.plus](#) /

› [Leo Jaymz](#) /

› Leo Jaymz AL Style Electric Guitar Kit Instruction Manual

Leo Jaymz DIY001

Leo Jaymz AL Style Electric Guitar Kit Instruction Manual

Brand: Leo Jaymz | Model: DIY001

INTRODUCTION

This instruction manual provides comprehensive guidance for assembling your Leo Jaymz AL Style Electric Guitar Kit. The kit includes all necessary components to build a functional electric guitar, offering a rewarding DIY experience. Please read all instructions carefully before beginning assembly.

COMPONENTS OVERVIEW

Your Leo Jaymz AL Style Electric Guitar Kit comes with a complete set of parts, carefully packaged to ensure all necessary items are included for assembly. Key components are:

- Mahogany Body (AL Style)
- Maple Neck with Laurel Wood Fingerboard (24 frets, 25.5" scale length)
- Pre-wired Electronics (pickups, control knobs, output jack) with pluggable wires
- Double-way Tremolo System with Tremolo Bar
- Tuning Pegs (6 alloy tuning pegs)
- Guitar Strap and Strap Locks
- Guitar Strings
- Copper Foil Tape
- Allen Wrenches and various screws/hardware



Figure 1: Overview of all included components for the Leo Jaymz AL Style Electric Guitar Kit. This image displays the mahogany body, maple neck with laurel wood fingerboard, various hardware pieces, electronics, and accessories.

ASSEMBLY INSTRUCTIONS

Follow these steps carefully to assemble your electric guitar. Ensure you have a clean, well-lit workspace.

1. Body Preparation

The mahogany body comes pre-polished and with a bottom varnish, reducing the need for extensive finishing work. All cavities for pickups and control knobs are pre-drilled. Consider applying copper foil tape to the wires compartment and pickup grooves to reduce noise.

SIMPLE INSTALLATION

All wire are plug-in connections, eliminating welding work and facilitating assembly.



Plug and play, no welding



No need punching



Just insert it



Figure 2: Front and back views of the mahogany guitar body, highlighting the pre-drilled cavities for electronics and hardware. The body is ready for neck and component installation.

2. Neck and Headstock Assembly

The maple neck features a laurel wood fingerboard with a saw pattern inlay. The headstock comes in a shaped form, ready for the installation of tuning pegs.

1. Attach the maple neck to the guitar body using the provided screws. Ensure a snug fit.
2. Install the 6 alloy tuning pegs onto the headstock. Secure them firmly.

GUITAR ACCESSORIES

The item includes all the following accessories. To facilitate your installation, we have packaged each part.



Audio Cable



Guitar Strings



Copper Foil Tape



Pickups



Tuning Pegs



Allen Wrench & Tremolo Bar



Bridge



Cover



Spring Claw



Knob & Output Jack



Strap



Spring Claw & Screw Kits

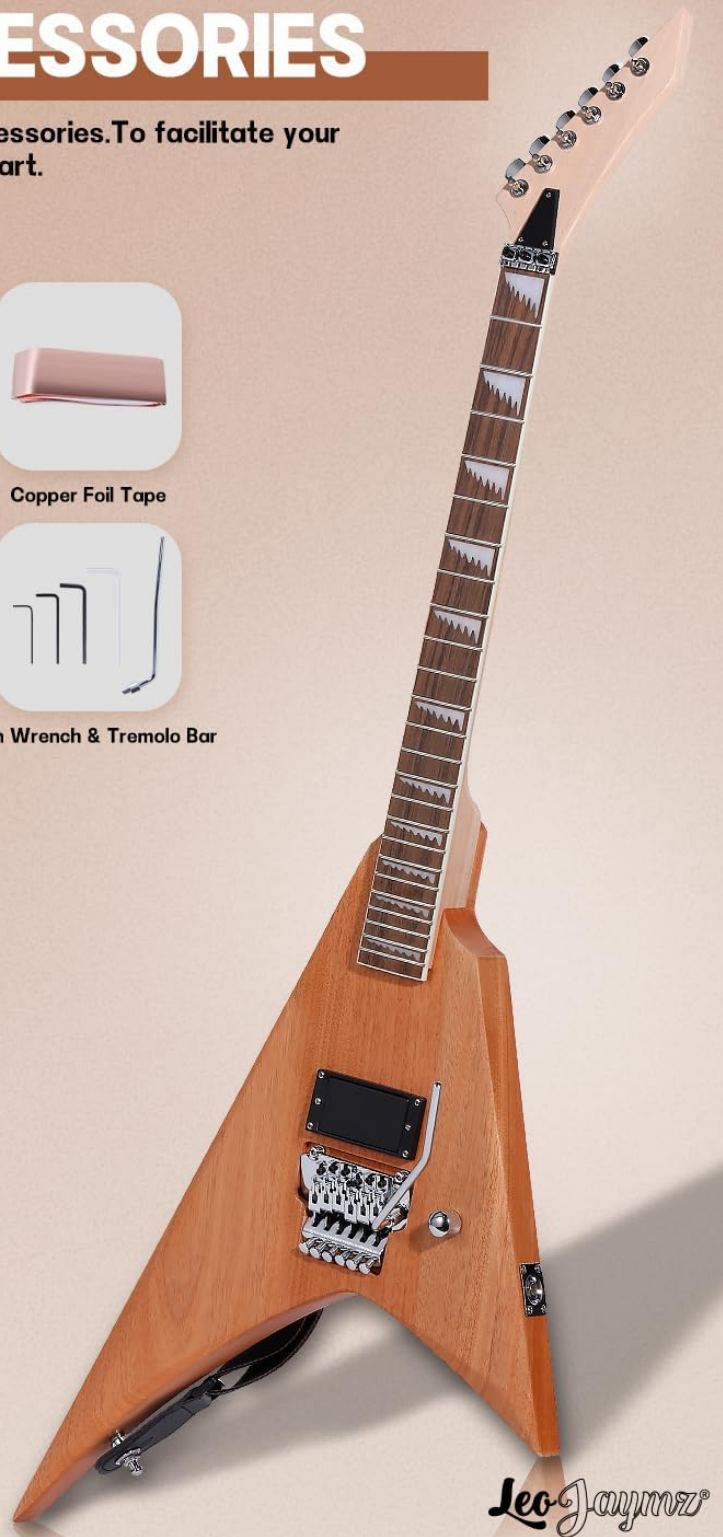


Figure 3: The maple neck with its laurel wood fingerboard, showcasing the fretwork and inlay. This component is crucial for playability and tone.

MAPLE HEADSTOCK

The guitar headstock is made of maple. 6 alloy tuning pegs are installed on the headstock.



Sturdy & Durable



Alloy Material

laurel wood fingerboard

LeoJaymz

Figure 4: Close-up of the maple headstock with the alloy tuning pegs in place. These pegs are essential for precise tuning of the guitar strings.

3. Electronics Installation

The kit features pluggable wires, eliminating the need for soldering and simplifying the assembly process.

1. Connect the pickups and control knobs using the plug-in connections. Refer to the wiring diagram if provided in the physical manual.
2. Install the pre-wired electronics assembly into the body cavities.
3. Secure the output jack and control knobs.

UPGRADES

NEW!



Figure 5: This diagram illustrates the straightforward plug-in connections for the guitar's electronics, eliminating the need for soldering during assembly.

4. Hardware Installation

Install the remaining hardware components onto the guitar body.

1. Mount the double-way tremolo bridge system onto the body.
2. Attach the guitar strap locks to the body.
3. Install any remaining covers or plates.

MAPLE NECK

Maple neck, laurel wood fingerboard. These premium wood make the sound brighter and louder ensuring outstanding sustain.



LeoJaymz®

Figure 6: A collection of guitar accessories and hardware, including the tremolo bridge, tuning pegs, pickups, and strap, all ready for installation.

SETUP

After assembling your guitar, perform the following steps for initial setup:

1. **Stringing:** Carefully install the provided guitar strings. Start by securing one end at the bridge and winding the other end onto the corresponding tuning peg.
2. **Tuning:** Use an electronic tuner to tune your guitar to standard EADGBE tuning.

3. **Action Adjustment:** The string height (action) can be adjusted at the bridge using the provided Allen wrenches. Adjust to your preferred playing comfort, ensuring no fret buzz.
4. **Intonation:** For optimal tuning across the fretboard, check and adjust the intonation at the bridge. This involves comparing the open string note to the 12th fret harmonic and the fretted 12th fret note.

OPERATING YOUR GUITAR

Once assembled and set up, your electric guitar is ready to play. Familiarize yourself with the controls:

- **Volume Knob:** Controls the overall output volume of the guitar.
- **Tone Knobs:** Adjust the treble and bass frequencies for each pickup or a combination of pickups, depending on the wiring configuration.
- **Pickup Selector Switch:** Allows you to select individual pickups (neck, middle, bridge) or combinations thereof, altering the guitar's tonal characteristics.
- **Tremolo Bar:** Insert the tremolo bar into the bridge to create vibrato effects by altering string tension.

MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance 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 (e.g., every 1-3 months, depending on usage) to maintain tone and playability.
- **Fingerboard Care:** Periodically clean and condition the laurel wood fingerboard to prevent drying and cracking.
- **Hardware Check:** Periodically check all screws and hardware for tightness. Tighten as needed to prevent rattling or loose parts.
- **Storage:** Store your guitar in a stable environment, away from extreme temperature and humidity fluctuations, preferably in a guitar case or stand.

TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Fret Buzz	Low action, uneven frets, warped neck.	Adjust string action at the bridge. If frets are uneven, professional fret leveling may be required.
No Sound/Weak Output	Loose wiring connection, faulty pickup, faulty cable/amp.	Check all plug-in connections. Test with a different cable and amplifier. Inspect pickups for damage.
Poor Tuning Stability	Loose tuning pegs, old strings, improper string winding, nut issues.	Ensure tuning pegs are tight. Replace old strings. Re-string properly. Consider upgrading the nut if issues persist.
Excessive Noise/Hum	Lack of proper grounding, unshielded cavities, external interference.	Ensure copper foil tape is correctly applied in cavities. Check all ground connections. Avoid placing near noisy electronics.

SPECIFICATIONS

Feature	Detail
Item Weight	8.78 pounds
Package Dimensions	31.25 x 24 x 3.5 inches
Item Model Number	DIY001
Body Material	Mahogany Wood
Neck Material Type	Maple
Fretboard Material	Laurel Wood
Scale Length	25.5 inches
Number of Frets	24
Number of Strings	6
Guitar Bridge System	Tremolo
Guitar Pickup Configuration	S (Single Coil)
String Material Type	Steel or Nickel
Hand Orientation	Right