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› YHTAUTO 3 Inch Running Boards Side Steps Installation and User Manual for Toyota Highlander 2020-2024

YHTAUTO YHTSBAR0110

YHTAUTO 3 Inch Running Boards Side Steps User Manual

Model: YHTSBAR0110 | Brand: YHTAUTO

1. PRODUCT OVERVIEW

These YHTAUTO 3 Inch Running Boards Side Steps are designed for the Toyota Highlander models from 2020 to 2024, excluding Hybrid models. They provide a convenient and secure step for vehicle entry and exit, while also offering protection to the vehicle's rocker panels.



Image 1.1: YHTAUTO 3 Inch Running Boards with included mounting hardware.

2. KEY FEATURES

- **Confident Fitment:** These cab-length side steps are compatible with Toyota Highlander 2020-2024 SUV models (excluding Hybrid). They are designed for a precise fit.
- **High-Strength Steel Construction:** The step bars are manufactured from high-strength Q235A steel. They feature an electrophoretic layer and powder coating for enhanced wear and corrosion resistance.
- **Streamlined Design:** The round truck side steps incorporate computer numerical control (CNC) with 90° ends, which aids in mud passage and provides vehicle protection. The design integrates with the vehicle's contours.
- **Enhanced Step Comfort:** The 3-inch injection-molded polymer step pads have undergone extensive testing, including 10,000 dynamic load trials, 24 hours of static load inspection, and 720 hours of Xenon lamp aging monitoring. These tests confirm minimal pedal surface drop and maintained ground clearance.
- **Rocker Panel Mount:** The running boards are designed for rocker panel mounting and include all necessary brackets, bolts, and nuts for installation. No additional drilling is required if your vehicle has pre-existing mounting holes.



Compatible with Toyota Models:

Fits 2020-2021	Toyota	Excl. Hybrid
Fits 2022-2023	Toyota	Excl. Hybrid
Fits 2024-2024	Toyota	Excl. Hybrid

Image 2.1: Compatibility details for Toyota Highlander models.

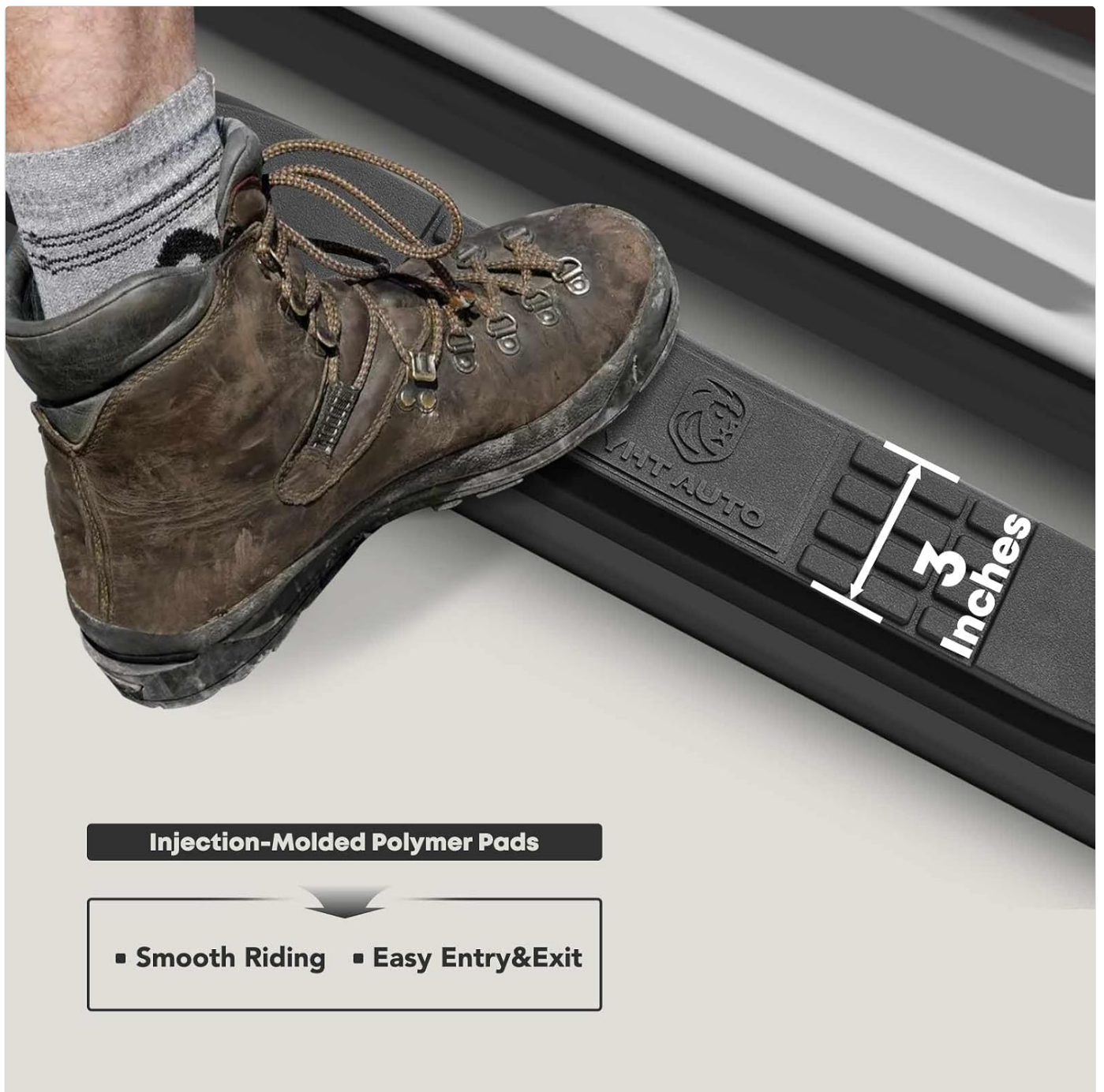
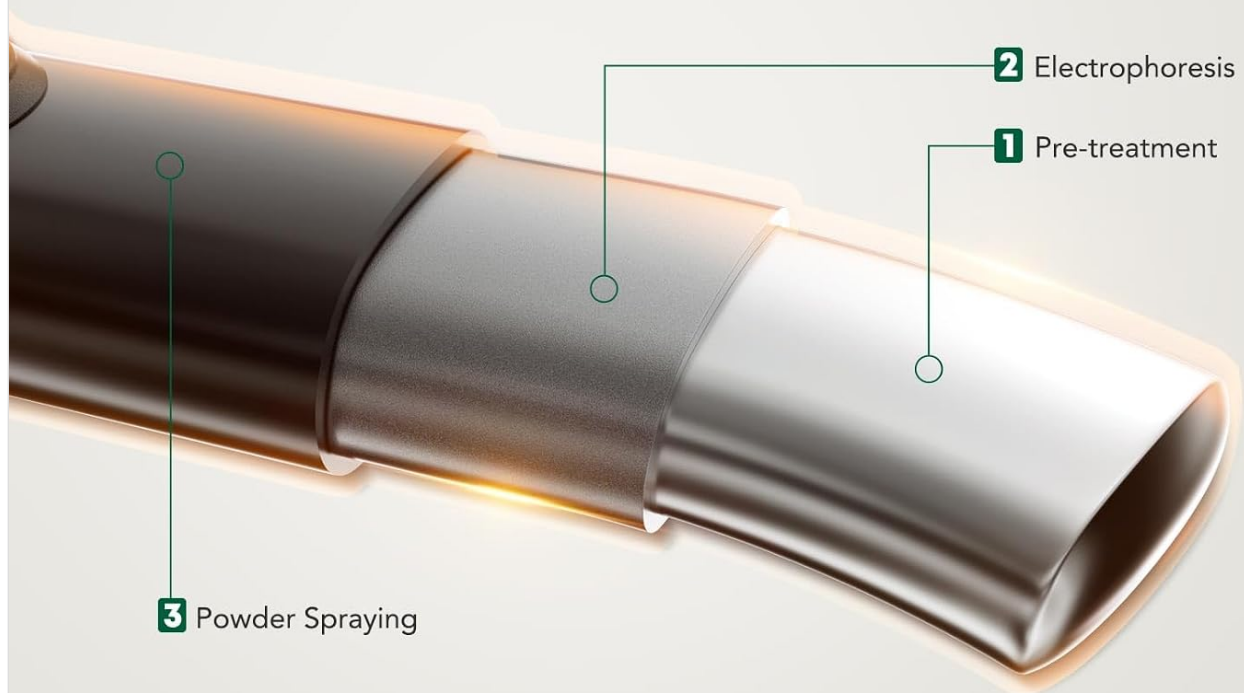


Image 2.2: Demonstration of the 3-inch wide injection-molded polymer step pads for secure footing.

Triple Surface Process Unleash Ride Radiance

Harmonized CNC ergonomics and mechanics



Textured Black Powder Coating



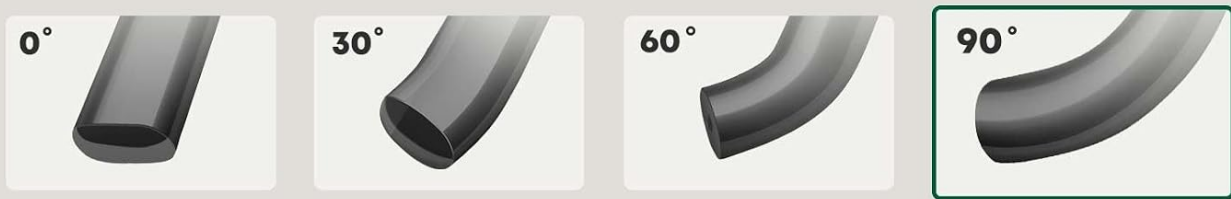
Semi-Gloss Black Powder Coating



S/S 304 Polished Coating

Image 2.3: Illustration of the triple surface coating process for durability and corrosion resistance.

Accuracy Meets Excellence



Excellence Meets Performance



E-Coating
Tech



UV
Protection



Rustproof
Coating



Scratch
Resistant



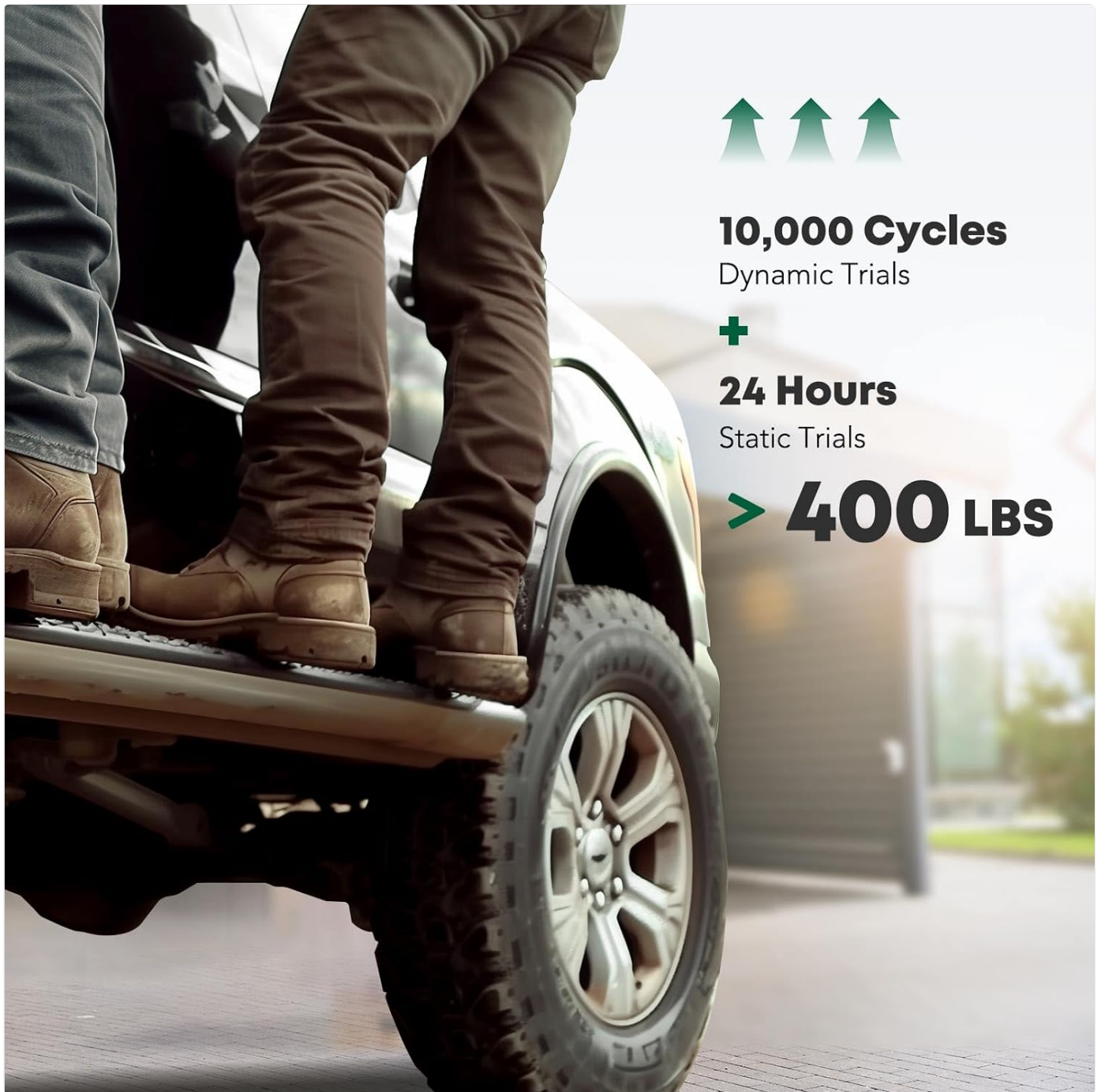
Stain-proof &
Colorfast



Extremely
Slip-resistant



Image 2.4: Performance features highlighting the durability and safety aspects of the running boards.



10,000 Cycles

Dynamic Trials



24 Hours

Static Trials

> 400 LBS

Image 2.5: Testing details for the step pads, demonstrating load capacity and durability.

3. INSTALLATION GUIDE

The installation process for these running boards is designed to be straightforward, utilizing existing mounting points on your vehicle. No drilling or cutting into the vehicle's frame is required.

3.1. Pre-Installation Check

- Verify all parts are present and undamaged as per the parts list provided in the packaging.
- Ensure the product is designed for your specific vehicle make, model, and year (Toyota Highlander 2020-2024, excluding Hybrid models).

3.2. Step-by-Step Installation

1. **Prepare Vehicle:** Park the vehicle on a level surface and engage the parking brake. For safety, it is recommended to lift the vehicle using a jack and secure it with jack stands.

2. **Locate Mounting Points:** Identify the factory mounting holes along the rocker panel of your Toyota Highlander. These are typically covered by plastic plugs or a removable trim piece.
3. **Install Brackets:** Align and loosely fasten the provided mounting brackets to the vehicle's frame using the supplied hardware. Ensure the correct brackets are used for the front and rear positions.
4. **Attach Running Boards:** Carefully position the running board onto the installed brackets. Secure it using the remaining bolts and nuts, ensuring a snug fit.
5. **Adjust and Tighten:** Adjust the running board for proper alignment and levelness. Once satisfied with the positioning, fully tighten all bolts to the manufacturer's specified torque.
6. **Final Check:** Test the stability of the running boards by applying pressure. Ensure all connections are secure and there is no movement. Check door clearance to ensure smooth operation.

3.3. Installation Video Demonstration

Video 3.1: A demonstration of running board installation on a Toyota Highlander 2020. This video provides a visual guide to the installation process.

Video 3.2: An overview of YHTAUTO Running Boards, showcasing product features and general appearance.

4. SPECIFICATIONS

Premium Product Metrics

Step Pads



Length	Cab Length
Mounting	Rocker Panel Mount
Materials	Q235A Steel
Design	Round Bent Ends



Image 4.1: Key product metrics and design elements.

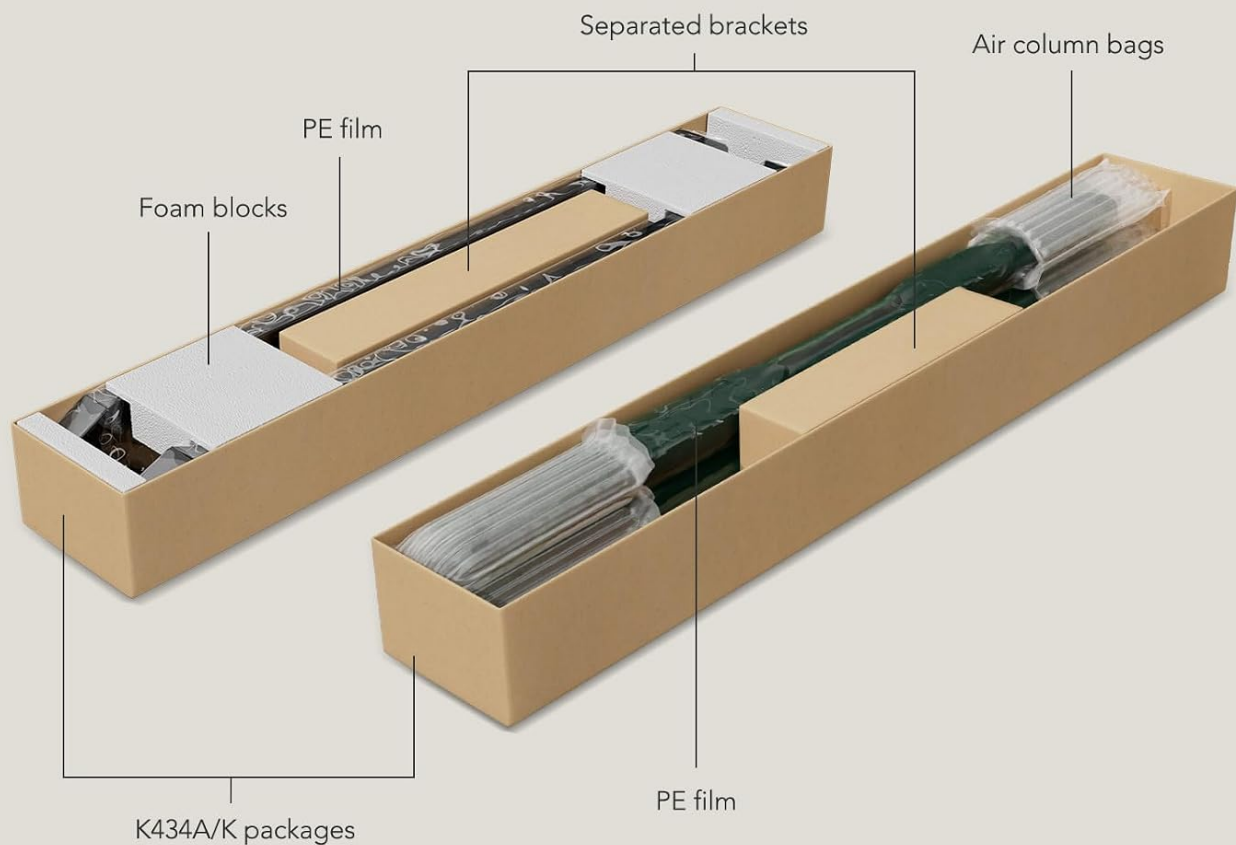
Attribute	Detail
Brand	YHTAUTO
Model Number	YHTSBAR0110
Material	Carbon Steel
Exterior Finish	Semi-gloss black powder
Item Weight	37.4 pounds

Package Dimensions	76.38 x 14.96 x 8.86 inches
Vehicle Service Type	Truck
Special Features	Convenient entry and exit, roof rack-friendly, sleek semi-gloss finish, protective and long-lasting, easy to install and minimal maintenance, unparalleled traction and secure foothold, Rocker Panel Mount

5. WHAT'S IN THE BOX

The product package includes the following items:

- Running Boards (Set of 2)
- Mounting Hardware (brackets, bolts, and nuts)
- Installation Guide



WRAP IT RIGHT KEEP IT TIGHT



Sturdy Hardware



Secure Packaging and Shipping



Strong K434A/K Cardboard



Superior Full Flap Box

Image 5.1: Packaging details ensuring product protection during transit.

6. MAINTENANCE

To ensure the longevity and optimal performance of your YHTAUTO Running Boards, regular maintenance is recommended:

- **Regular Cleaning:** Clean the running boards periodically with mild soap and water to remove dirt, mud, and road grime. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Inspect Fasteners:** Periodically check all mounting bolts and nuts to ensure they remain tight. Re-tighten any loose fasteners to prevent rattling or instability.
- **Check for Damage:** Inspect the running boards for any signs of damage, such as dents, scratches, or corrosion. Address any issues promptly to prevent further deterioration.
- **Rubber Pad Condition:** Ensure the injection-molded polymer step pads are free from excessive wear or damage to maintain optimal grip.

7. TROUBLESHOOTING

If you encounter any issues with your running boards, consider the following:

- **Loose or Rattling Boards:** This is typically caused by loose mounting hardware. Re-check and tighten all bolts and nuts as described in the installation guide.
- **Difficulty Stepping:** Ensure the step pads are clean and free of debris. If the boards feel unstable, re-verify the tightness of all mounting points.
- **Unusual Noises:** Investigate any squeaking or creaking sounds. These may indicate loose connections or contact between components. Lubricate moving parts if necessary, or tighten fasteners.
- **Corrosion or Finish Issues:** While designed for resistance, prolonged exposure to harsh conditions without cleaning can affect the finish. Clean regularly and consider protective waxes or coatings.

If problems persist, consult a qualified technician or contact YHTAUTO customer support.

8. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the documentation included with your purchase or visit the official YHTAUTO website. Keep your purchase receipt as proof of purchase for any warranty claims.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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