OceanicEcho ZJTBYB-0001

OceanicEcho Portable Left Foot Accelerator Pedal

Model: ZJTBYB-0001

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1. Introduction

The OceanicEcho Portable Left Foot Accelerator Pedal is an innovative driving aid designed for individuals who have limited use of their right foot or leg. This all-metal, adjustable pedal allows drivers to control the accelerator with their left foot, providing greater independence and mobility. Its quick-release mechanism ensures easy installation and removal, making it a versatile solution for various automatic transmission vehicles.

2. Safety Information

- **Professional Installation Recommended:** While designed for ease of use, professional installation is highly recommended to ensure proper setup and safety.
- **User Suitability:** This product may not be suitable for all individuals. If you experience discomfort or feel unsafe during use, discontinue operation immediately.
- **Automatic Transmission Only:** This device is intended for use exclusively with vehicles equipped with an automatic transmission.
- **Vehicle Requirements:** Ensure your vehicle has a flat floor and at least 11 inches of space between the left footrest and the original gas pedal for proper fitment.
- **Secure Fasteners:** Always ensure all fasteners are securely tightened before driving. Regularly check for any looseness.
- **Practice in a Safe Environment:** For first-time users, practice operating the left foot accelerator in a safe, controlled environment until you are proficient and comfortable before driving on public roads.

3. Package Contents

Please ensure all components are present before beginning installation:

- Left Foot Accelerator Pedal Assembly (Main Unit)
- Base Plate (Portable Version)
- Accelerator Pedal Clamp (Type A, B, C, D - various types for different pedal designs)
- Brake Pedal Clamp (Type A, B, C, D - various types for different pedal designs)
- Connecting Rods (various lengths for adjustment)
- Mounting Screws, Nuts, and Washers
- Allen Wrenches and Spanners
- User Manual

4. Setup & Installation

The OceanicEcho Left Foot Accelerator Pedal offers both portable and bolted installation methods. The portable version utilizes a steel plate for stability without permanent modification to your vehicle's floorboard. The bolted version requires drilling for a more secure, permanent attachment.

4.1 Portable Installation (Recommended for ease of use)

1. **Prepare the Vehicle:** Ensure the vehicle floor is flat and clean. Position the driver's seat to allow comfortable access to the pedal area.
2. **Assemble the Pedal Unit:** Attach the main left foot accelerator pedal assembly to the provided base plate using the designated screws and tools.
3. **Position the Unit:** Place the assembled unit directly onto the plush floor mats in the vehicle's footwell. The anti-slip rubber strips on the bottom of the base plate will provide grip.
4. **Connect to Original Pedals:** Select the appropriate accelerator and brake pedal clamps and connecting rods based on your vehicle's pedal design. Securely attach the connecting rods from the left foot accelerator unit to the original vehicle pedals.
5. **Adjust for Comfort:** Adjust the length and angle of the connecting rods and the pedal itself to achieve a comfortable and safe driving position. Ensure full range of motion for both accelerator and brake without obstruction.
6. **Verify Security:** Double-check all connections and fasteners to ensure they are tight and secure before driving.

4.2 Bolted Installation (For permanent secure connection)

For a bolted installation, the steel plate is omitted, and the main unit is directly secured to the vehicle floor. This method requires drilling and leaves permanent installation holes.

1. **Determine Placement:** Carefully determine the optimal installation location on the vehicle floor, ensuring it does not interfere with any vehicle components or wiring.
2. **Mark and Drill:** Mark the drilling points using the main unit as a template. Drill pilot holes into the vehicle floor.
3. **Secure the Unit:** Attach the main left foot accelerator pedal assembly directly to the vehicle floor using the provided screws and tools. Tighten all fasteners securely.
4. **Connect to Original Pedals:** Follow steps 4 and 5 from the Portable Installation section to connect and adjust the pedal clamps and rods.
5. **Verify Security:** Double-check all connections and fasteners to ensure they are tight and secure before driving.

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Video 1: Installation Instructions for Left Foot Pedal. This video provides a visual guide to the installation process of the left foot accelerator pedal, demonstrating how to secure the unit and connect it to the vehicle's existing pedals.

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Video 2: OceanicEcho Left Foot Accelerator Gas Pedal Overview. This video demonstrates the features and functionality of the OceanicEcho Left Foot Accelerator Gas Pedal, including its adjustability and quick-release mechanism.



Image 1: Installed Left Foot Accelerator Pedal. This image shows the OceanicEcho Left Foot Accelerator Pedal installed in the driver's footwell of a vehicle, demonstrating its position relative to the original pedals.



Image 2: Two Installation Methods. This diagram illustrates the two primary installation methods: a portable version using a base plate and a drill-and-mount version for a more permanent fixture.

5. Operating Instructions

Once properly installed and adjusted, operating the OceanicEcho Left Foot Accelerator Pedal is intuitive:

- **Accelerator Control:** Use your left foot to press the left foot accelerator pedal to control vehicle speed, similar to how you would use the original gas pedal with your right foot.
- **Brake Control:** The original brake pedal remains in its standard position and is operated with your left foot as usual.
- **Quick Release:** The pedal is equipped with a quick-connect structure, allowing for rapid release from the base plate when not in use. This feature enables easy removal and re-installation in seconds.
- **Adjustability:** The pedal and actuator are fully adjustable to accommodate various vehicle types and driver preferences, ensuring optimal comfort and control.



Image 3: Pedal Usage Demonstration. This image illustrates the pedal in its initial state and how it is operated by the left foot to control acceleration.

Image 4: Easy Adjustment. This image highlights the ease of adjusting the pedal's length to achieve a personalized and comfortable fit for the driver.

6. Maintenance

To ensure the longevity and optimal performance of your OceanicEcho Left Foot Accelerator Pedal, follow these maintenance guidelines:

- **Regular Cleaning:** Keep the pedal assembly clean from dirt, dust, and debris. Use a soft, damp cloth for cleaning.
- **Inspect Connections:** Periodically check all screws, nuts, and connecting rods for tightness. Re-tighten any loose components to prevent malfunction.
- **Lubrication:** Apply a small amount of silicone-based lubricant to moving parts (joints, pivots) as needed to ensure smooth operation and prevent wear.
- **Storage:** If removing the pedal for extended periods, store it in a clean, dry place away from extreme temperatures.

7. Troubleshooting

If you encounter any issues with your OceanicEcho Left Foot Accelerator Pedal, refer to the following common troubleshooting tips:

- **Pedal Feels Loose:** Check all mounting screws and connecting rod fasteners. Tighten any loose components. Ensure the base plate (if used) is stable on the floor.
- **Difficulty Accelerating/Braking:** Verify that the connecting rods are correctly attached and adjusted. Ensure there are no obstructions preventing full pedal travel. Check for proper lubrication of moving parts.
- **Unusual Noises:** Inspect all moving parts for wear or damage. Ensure all connections are secure. Lubricate joints if necessary.
- **Pedal Not Returning to Resting Position:** Check for any binding in the connecting rods or pivot points. Ensure the original vehicle pedal springs are functioning correctly.

If problems persist, contact OceanicEcho customer support for assistance.

8. Specifications

- **Brand:** OceanicEcho
- **Model Number:** ZJTBYB-0001
- **Color:** Black
- **Material:** All-Metal (Aluminum/Steel components)
- **Item Weight:** 8.73 Kilograms (approx. 19.21 pounds)
- **Style:** Flat
- **Compatibility:** Most automatic transmission vehicles with flat floor and sufficient footwell space.



Image 5: Product Dimensions and Features. This image provides a detailed view of the pedal's dimensions and highlights key features such as its all-metal structure, anti-slip surface, and portable design.

9. Warranty & Support

OceanicEcho products are manufactured with high-quality materials and craftsmanship. This product comes with a standard manufacturer's warranty covering defects in materials and workmanship under normal use.

- **Warranty Period:** Please refer to your purchase documentation for specific warranty duration.
- **Claim Process:** For warranty claims or technical support, please contact OceanicEcho customer service with your proof of purchase and product details.

Customer Support:

For any questions, technical assistance, or warranty inquiries, please contact OceanicEcho customer support through the retailer where the product was purchased or visit the official OceanicEcho website.

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