## OceanicEcho OE-ZJTBWB

# OceanicEcho Left Foot Accelerator Gas Pedal

**Model: OE-ZJTBWB - Instruction Manual**

## 1. Introduction

The OceanicEcho Left Foot Accelerator Gas Pedal (Model OE-ZJTBWB) is designed to provide driving assistance for individuals with limited mobility in their right foot due to injury, disability, or stroke. This device enables safe acceleration using the left foot, allowing users to regain independence and confidence behind the wheel. This manual provides essential information for the proper installation, operation, and maintenance of your new left foot accelerator.




**Figure 1:** Product designed for drivers with limited right leg control due to disability, injury, or stroke.

## 2. Safety Information

Your safety is paramount. Please read and understand all safety instructions before installation and use.

- **Professional Installation Recommended:** While detailed instructions are provided, professional installation by a qualified mechanic is highly recommended to ensure proper and safe operation.
- **Automatic Transmission Only:** This device is designed exclusively for vehicles equipped with an automatic

transmission. Do not attempt to install or use it in vehicles with manual transmissions.

- **Vehicle Requirements:** Ensure your vehicle has a flat floor and at least 11 inches of clear space between the left footrest and the existing gas pedal for proper fitment and operation.
- **Secure Mounting:** The base plate must be securely bolted to the vehicle's floorboard. This requires drilling 4-8 small holes. Improper installation can lead to dangerous malfunctions.
- **Regular Inspection:** Before each use, visually inspect the pedal for any signs of wear, damage, or loose connections. Do not use if any issues are detected.
- **Familiarization:** Practice using the left foot accelerator in a safe, controlled environment before driving on public roads.

## 3. Product Overview and Components

The OceanicEcho Left Foot Accelerator consists of several key components designed for adjustability and ease of use.




**Figure 2:** Key components and adjustability features of the Left Foot Accelerator.

- **Left Foot Pedal:** The primary pedal for left-foot acceleration, offering 6-way adjustability.
- **Accelerator Guard:** A protective barrier that covers the original right-foot accelerator pedal, preventing accidental engagement. This guard offers 2-way adjustability.
- **Gas Pedal Roller:** A component that interacts with the original accelerator pedal, providing smooth and responsive acceleration. It features 4-way adjustability.
- **Base Plate:** The sturdy foundation that bolts to the vehicle's floor, providing a secure mounting point for the entire assembly.
- **Quick-Connect Structure:** Allows for rapid attachment and detachment of the pedal assembly from the base plate.

The entire unit is constructed from durable all-metal components, ensuring long-term stability and precision operation.

## 4. Compatibility

The OceanicEcho Left Foot Accelerator is designed for broad compatibility with most automatic transmission vehicles, including sedans, SUVs, and pickup trucks.

- **Vehicle Type:** Compatible with most automatic transmission vehicles.
- **Floor Requirements:** Requires a flat floor area for secure base plate installation.
- **Space Requirements:** A minimum of 11 inches of clear space is needed between the vehicle's left footrest and the original gas pedal.




**Figure 3:** Universal compatibility with various automatic transmission vehicles.

## 5. Setup and Installation

Follow these steps carefully for secure installation. Refer to the included full instruction manual for detailed diagrams and specific guidance.

1. **Positioning the Base Plate:** Place the base plate on the vehicle's floorboard to the left of the brake pedal, ensuring the brake pedal is positioned between the left foot accelerator and the original gas pedal. Verify that there is at least 11 inches of space between the left footrest and the original gas pedal.
2. **Marking Drill Points:** Once the optimal position is determined, mark the locations for drilling holes through the base plate into the floorboard.

3. **Drilling Holes:** Carefully drill 4-8 small holes as marked. Ensure no critical vehicle components (e.g., wiring, fuel lines) are damaged during drilling.
4. **Securing the Base Plate:** Bolt the base plate firmly to the floorboard using the provided hardware. Ensure all bolts are tightened securely.
5. **Attaching the Pedal Assembly:** Utilize the quick-connect structure to attach the main pedal assembly to the secured base plate. Ensure it clicks into place and is stable.
6. **Adjusting the Pedals:** Adjust the Left Foot Pedal, Accelerator Guard, and Gas Pedal Roller to achieve a comfortable and effective driving position. The system offers 6-way, 2-way, and 4-way adjustability respectively.




**Figure 4:** Installation steps: drilling, fixing the baseplate, and attaching the pedal.




**Figure 5:** Quick-release and quick-install mechanism for convenience.




**Figure 6:** The Left Foot Accelerator Pedal installed in a vehicle.




**Figure 7:** Adjusting the pedal length for optimal fit.

## 6. Operating Instructions

Once installed and adjusted, operating the Left Foot Accelerator is intuitive. The accelerator guard ensures the original gas pedal is disengaged, allowing your left foot to control acceleration.

- **Initial State:** When not in use, the Left Foot Accelerator pedal rests in its neutral position, with the accelerator guard covering the original gas pedal.
- **Acceleration:** To accelerate, gently press down on the Left Foot Pedal with your left foot. The Gas Pedal Roller will engage the original accelerator pedal, providing smooth and controlled acceleration.
- **Braking:** Use your right foot for braking as you normally would. The Left Foot Accelerator does not interfere with the brake pedal.
- **Disengagement:** If the device needs to be temporarily removed, use the quick-release mechanism to detach the pedal assembly from the base plate.




**Figure 8:** Pedal in its initial, resting state.




**Figure 9:** Demonstrating the use of the Left Foot Accelerator Pedal.

## 7. Maintenance

To ensure the longevity and reliable performance of your Left Foot Accelerator, follow these simple maintenance guidelines:

- **Regular Cleaning:** Keep the pedal assembly clean from dirt, dust, and debris. Use a damp cloth to wipe surfaces. Avoid harsh chemicals.
- **Check Fasteners:** Periodically check all bolts and fasteners for tightness. Re-tighten if any are found to be loose.
- **Inspect for Wear:** Regularly inspect moving parts, such as the Gas Pedal Roller and pivot points, for signs of wear or damage. If excessive wear is observed, contact customer support.
- **Lubrication:** Lightly lubricate moving joints with a suitable automotive-grade lubricant if squeaking or stiffness occurs.

## 8. Troubleshooting

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

- **Pedal Not Responding:**
  - Ensure the pedal assembly is securely attached to the base plate.
  - Check that the Gas Pedal Roller is making proper contact with the original accelerator pedal. Adjust if necessary.
  - Verify that the original accelerator pedal is not obstructed by the accelerator guard or any debris.
- **Difficulty with Installation:**
  - Re-read the installation instructions carefully, paying close attention to vehicle compatibility and space requirements.
  - Ensure the base plate is positioned correctly, allowing the brake pedal to be centered between the two accelerator pedals.
  - If issues persist, consider seeking professional installation.
- **Unusual Noises or Movement:**
  - Immediately stop using the device and inspect all connections and moving parts for looseness or damage.
  - Tighten any loose bolts or fasteners. If damage is found, discontinue use and contact customer support.

For issues not covered here, please contact OceanicEcho customer support.

## 9. Specifications

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|---|---|
| **Brand** | OceanicEcho |
| **Model Number** | OE-ZJTBWB |
| **Item Weight** | 5.72 pounds |
| **Product Dimensions** | 15.35 x 11.22 x 4.13 inches |
| **Manufacturer** | OceanicEcho |

## 10. Warranty and Support

OceanicEcho is committed to providing high-quality products and customer satisfaction. While specific warranty details are not provided in this manual, we assure you that each item undergoes rigorous quality testing.
If you have any questions during use, require assistance with installation, or encounter any issues with your Left Foot Accelerator, our dedicated support team is ready to help. Please contact us through the retailer's customer service portal or visit the official OceanicEcho website for support contact information.


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