OceanicEcho OE-YCQ-1223-FBA

OceanicEcho Gas and Brake Pedal Extenders User Manual

Model: OE-YCQ-1223-FBA

1. Introduction

Thank you for choosing the OceanicEcho Gas and Brake Pedal Extenders. This product is designed to provide a more comfortable and accessible driving experience for individuals who may have difficulty reaching standard vehicle pedals. These extenders feature adjustable length and angle to accommodate various driver needs and vehicle types. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Safety Information

- **Professional Installation Recommended:** Installation and adjustment require a basic level of mechanical knowledge. If you are unsure about any step, consult a qualified mechanic.
- **Secure Fastening:** Ensure all components are securely fastened before operating the vehicle. Loose parts can lead to dangerous situations.
- **Test Functionality:** After installation and adjustment, thoroughly test the brake and accelerator pedal function in a safe, controlled environment before driving on public roads.
- **Regular Inspection:** Periodically check the extenders for wear, damage, or loose connections. Replace or repair components as necessary.
- **Vehicle Compatibility:** While designed for universal compatibility, not all vehicles may be suitable. Verify pedal dimensions and clearance before permanent installation.

3. Package Contents

Please verify that all the following components are included in your package:

- Gas Pedal Extender Assembly
- Brake Pedal Extender Assembly
- Mounting Hardware (bolts, nuts, washers)
- Adjustment Tools (e.g., Allen wrenches)
- User Manual

4. Product Overview

The OceanicEcho pedal extenders are constructed with a durable all-metal frame made of strengthened steel, ensuring reliability and longevity. The pedal surfaces are covered with anti-slip rubber for stable and secure operation.

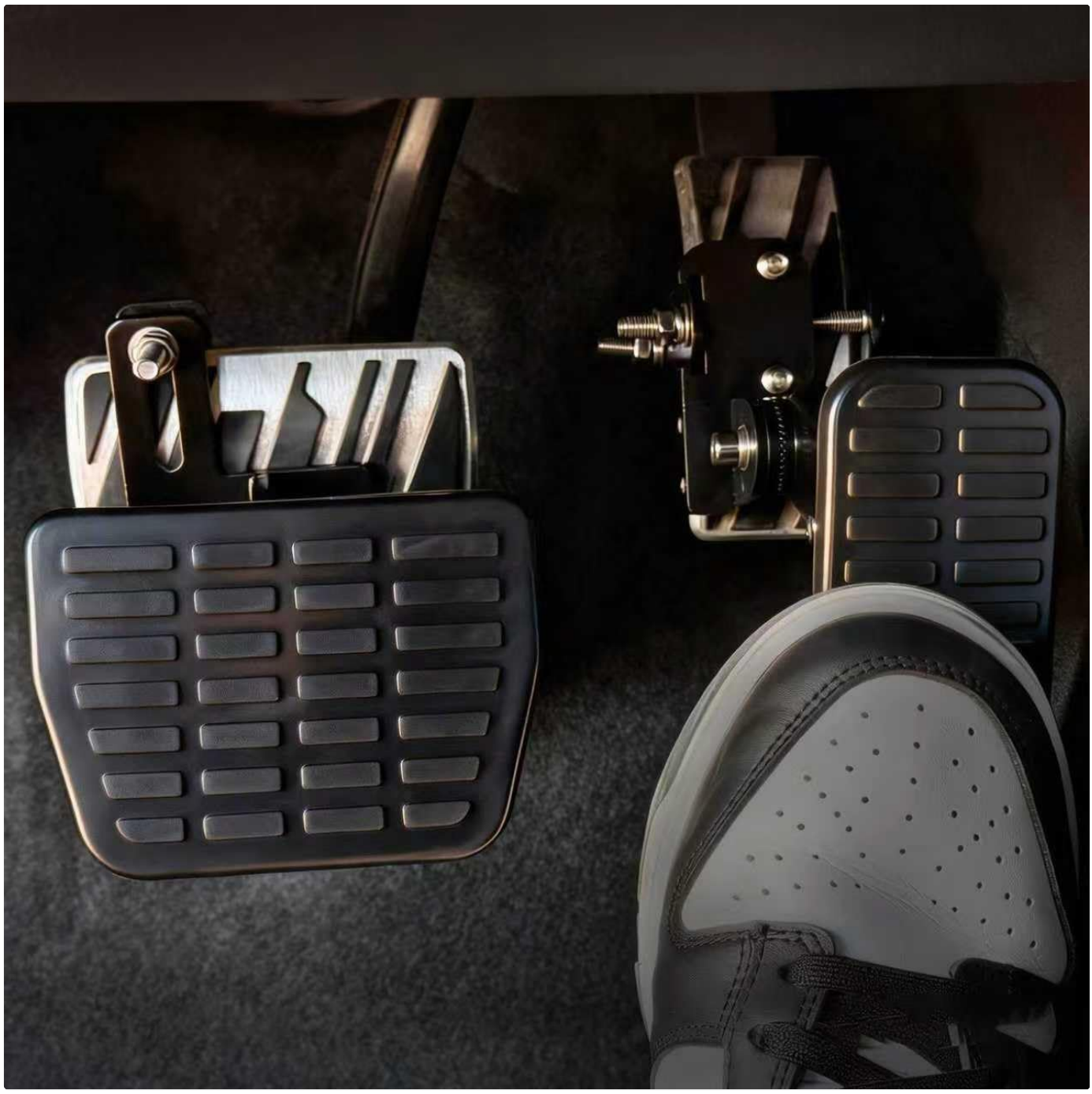


Figure 4.1: Installed Gas and Brake Pedal Extenders. This image shows a driver's foot comfortably resting on the gas pedal extender, with the brake pedal extender positioned to the left, demonstrating how the product aids in reaching vehicle pedals.



Figure 4.2: Pedal Type Compatibility. This image displays the pedal extenders' adaptability to both 'Organ Pedal' and 'Suspended Pedal' designs, highlighting their universal fit for various vehicle types.

5. Installation

Follow these steps for proper installation. Refer to the instructional video for visual guidance. Basic mechanical knowledge is required.

1. **Prepare the Vehicle:** Ensure the vehicle is parked on a level surface with the engine off and parking brake engaged.
2. **Identify Pedal Type:** Determine if your vehicle has 'Organ Pedals' (hinged at the bottom) or 'Suspended Pedals' (hanging from above). This will influence the mounting method.
3. **Attach Extenders to Pedals:** Securely attach the appropriate extender assembly to your vehicle's existing gas and brake pedals using the provided hardware. Ensure a tight fit to prevent movement.
4. **Adjust Initial Position:** Loosely adjust the length and angle of the extenders to a preliminary comfortable position.
5. **Final Tightening:** Once the desired position is found, tighten all bolts and nuts firmly. Double-check all connections.

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Video 5.1: Installation and Usage Demonstration. This video provides a visual guide on how to install the OceanicEcho Gas and Brake

Pedal Extenders and demonstrates their use in a vehicle, showing a foot operating the extended pedals.

6. Operating Instructions

Once installed and adjusted, operate the vehicle pedals as you normally would. The extenders are designed to replicate the feel and function of your original pedals, simply bringing them closer to the driver for improved reach and comfort.



Figure 6.1: Easy Pedal Reach. This image, taken from the driver's perspective, illustrates how the pedal extenders allow for easy and comfortable reach to both the gas and brake pedals, enhancing the driving experience for short drivers.

7. Adjustment

The pedal extenders offer both length and angle adjustments to achieve the optimal driving position.

7.1 Adjusting Length and Angle



Figure 7.1: Adjustable Length and Angle. This diagram highlights the adjustable angle and adjustable length features of the pedal extenders, showing the mechanisms for customizing the pedal position.

1. **Loosen Adjustment Bolts:** Identify the bolts responsible for length and angle adjustments (refer to Figure 7.1). Loosen them slightly using the provided tools.
2. **Position Extenders:** Slide the extender to the desired length and rotate the pedal surface to the preferred angle.
3. **Tighten Bolts:** Once the comfortable position is achieved, firmly tighten all adjustment bolts to secure the extenders in place.

7.2 Customizing Extender Length

For additional customization, the extenders allow for modifications to their overall length:

- **Longer Extenders:** If a greater extension is needed, replace the standard support rod with a longer 112mm support rod (may be sold separately or included in specific kits).
- **Shorter Extenders:** If only a 5 cm extension is required, the connector can be removed to achieve a more compact setup.



Figure 7.2: Customization Options. This diagram illustrates how to achieve longer extenders by replacing the 112mm support rod and how to achieve a 5 cm extension by removing a specific connector, offering flexible customization.

8. Maintenance

- **Cleaning:** Wipe the pedal surfaces and metal components with a damp cloth. Avoid harsh chemicals that could damage the rubber or finish.
- **Fastener Check:** Periodically inspect all bolts, nuts, and connections to ensure they remain tight. Re-tighten if any looseness is detected.
- **Wear Inspection:** Check the anti-slip rubber surfaces for signs of excessive wear. If the rubber becomes smooth or damaged, it may need replacement to maintain grip.

9. Troubleshooting

9.1 Pedals Feel Loose After Installation

Solution: Ensure all mounting bolts and adjustment screws are fully tightened. Re-check the connection points to the

original vehicle pedals. If the issue persists, re-install the extenders, paying close attention to secure fastening.

9.2 Difficulty Reaching Desired Position

Solution: Review the adjustment section (Section 7) and the customization options (Figure 7.2). Experiment with different length and angle settings. If the standard extenders are insufficient, consider the longer support rod option if available.

9.3 Extenders Do Not Fit Vehicle Pedals

Solution: Verify your vehicle's pedal dimensions against the maximum dimensions specified in Figure 9.1. If your pedals exceed these dimensions, the extenders may not be compatible. Consult the manufacturer or a professional for alternative solutions.

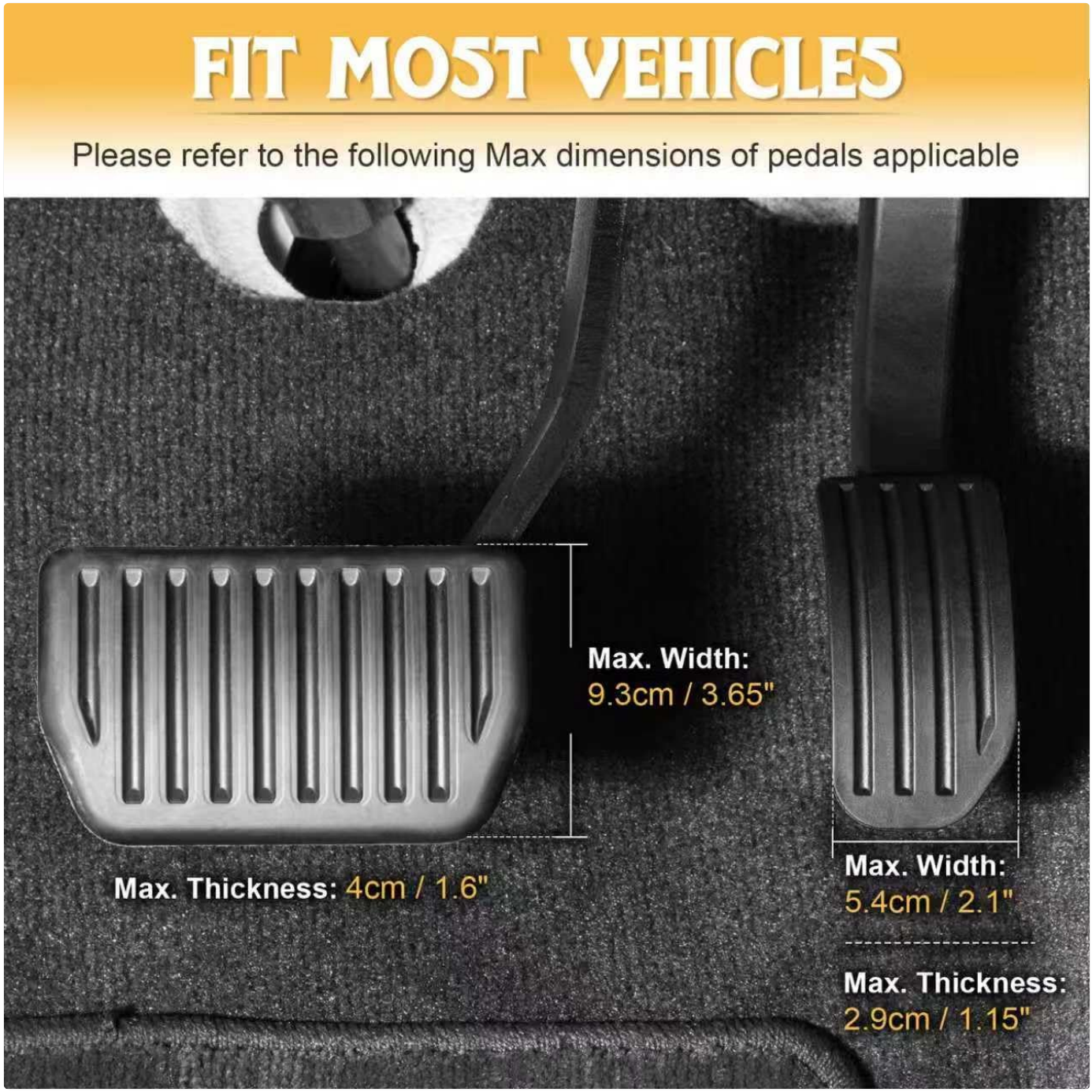


Figure 9.1: Maximum Pedal Dimensions for Compatibility. This image provides critical maximum width and thickness measurements for both gas and brake pedals, which users should compare with their vehicle's pedals to ensure compatibility with the extenders.

10. Specifications

Model Number	OE-YCQ-1223-FBA
Brand	OceanicEcho
Material	Strengthened Steel, Anti-slip Rubber
Adjustability	Adjustable Length and Angle
Compatibility	Universal (fits most vehicle models, check pedal dimensions)
Item Weight	3.34 pounds
Package Dimensions	8.23 x 6.93 x 5.2 inches

11. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact OceanicEcho customer service directly. Keep your purchase receipt for warranty claims.

Ask a question about this manual

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.

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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