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Universal Car Footstep

Generic Universal Car Footstep

INSTRUCTION MANUAL

1. Introduction



Figure 1.1: The Universal Car Footstep.

The Generic Universal Car Footstep is designed to provide a stable and secure platform for accessing your vehicle's rooftop. This tool assists in tasks such as loading and unloading cargo, cleaning the roof, or securing items to a roof rack. Its compact design eliminates the need for bulky step stools or ladders.

This manual provides essential information for the safe and effective use of your Universal Car Footstep, including setup, operation, maintenance, and specifications.

2. Safety Information

Always prioritize safety when using the Universal Car Footstep. Ensure the step is securely engaged with the vehicle's door latch before applying weight.

- **Weight Capacity:** The Universal Car Footstep is constructed from aluminum alloy and supports up to 440 pounds (200 kg).
- **Vehicle Door Latch Strength:** Vehicle door latches are designed to withstand significant force. U.S. government safety testing protocols require door latches to withstand a vertical force of 2,500 pounds (1134 kg) and a horizontal

force of 2,000 pounds (907 kg) without failure.

- **Stable Placement:** Always ensure the footstep is fully seated and stable before stepping onto it.
- **Footwear:** Use appropriate footwear with good grip to prevent slipping.
- **Emergency Use:** The pointed end of the footstep can function as an emergency hammer for breaking glass in critical situations.

3. Setup and Installation

The Universal Car Footstep requires no tools for installation. It utilizes the existing striker hook or plate found on your vehicle's door frame.

1. **Open Vehicle Door:** Open any of your vehicle's front or rear doors.
2. **Locate Striker Latch:** Identify the D-shaped metal striker hook or plate on the door frame, typically where the door latches when closed.
3. **Hook the Footstep:** Position the hook of the Universal Car Footstep over the striker latch. Ensure it is fully engaged and sits flat against the door frame.
4. **Verify Stability:** Gently test the footstep's stability before placing your full weight on it.
5. **Removal:** To remove, simply lift the footstep off the striker latch.



Figure 3.1: The Universal Car Footstep securely hooked onto a car door latch.



Figure 3.2: Demonstrating a person stepping onto the footstep to access the car roof.

4. Operating Instructions

Once installed, the Universal Car Footstep provides a convenient and elevated platform for various tasks:

- **Roof Rack Access:** Easily reach and secure items such as cargo bags, boxes, canoes, kayaks, skis, snowboards, or bikes to your vehicle's roof rack.
- **Vehicle Roof Cleaning:** Gain better access to the entire roof surface for washing, waxing, or detailing.
- **Emergency Hammer Function:** The integrated pointed tip can be used as an emergency glass breaker. In an emergency, firmly strike a side window with the pointed tip to break the glass.



Figure 4.1: Multiple applications of the Universal Car Footstep, including roof access and emergency glass breaking.

5. Maintenance

To ensure the longevity and proper function of your Universal Car Footstep, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the footstep clean with a damp cloth after use, especially if exposed to dirt, mud, or road salt. Dry thoroughly.
- **Inspection:** Periodically inspect the footstep for any signs of damage, wear, or deformation. Do not use if damaged.
- **Storage:** Store the footstep in a dry place when not in use. Its compact size allows for easy storage in a glove compartment or trunk.

6. Troubleshooting

If you encounter any issues with the Universal Car Footstep, consider the following:

- **Footstep feels unstable:** Ensure the hook is fully and correctly engaged with the vehicle's striker latch. The footstep should sit flush and not wobble. Re-adjust if necessary.
- **Difficulty hooking:** Verify that the vehicle door is fully open and that no obstructions prevent the footstep from seating properly on the striker latch.

7. Specifications

Brand	Generic
Model	Universal Car Footstep
Material	Aluminum Alloy
Color	Black

Product Dimensions (L x W x H)	5.9" x 3.1" x 3" (15.5 cm x 8 cm x 7.6 cm)
Weight Capacity	Up to 440 lbs (200 kg)
Special Features	Compact, Foldable, Emergency Hammer Function
Mounting Type	Hooks onto Vehicle Door Latch



Figure 7.1: Detailed dimensions of the Universal Car Footstep.



Figure 7.2: Close-up of the footstep's design elements, including the hook and emergency hammer tip.

Easy access to car rooftop
Easy to fold and carry



Bottom View



Top View



Side View

Figure 7.3: Various views of the Universal Car Footstep, illustrating its compact and foldable design.

8. Warranty and Support

Warranty: This product is sold without an explicit warranty, as indicated by the manufacturer.

Customer Support: For any questions, concerns, or assistance regarding the Universal Car Footstep, please refer to the retailer or manufacturer's contact information provided at the point of purchase.