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Ejoyous DCTP091001

Ejoyous Universal Metal Battery Tray and Hold Down Clamp Instruction Manual

Model: DCTP091001

1. INTRODUCTION

Thank you for choosing the Ejoyous Universal Metal Battery Tray and Hold Down Clamp. This product is designed to securely hold automotive and marine batteries, providing a stable and durable mounting solution. This manual will guide you through the product features, specifications, installation process, and maintenance to ensure optimal performance and longevity.

2. PRODUCT FEATURES

- **High-Quality Metal Construction:** Made from durable metal, ensuring high load capacity and long-lasting performance.
- **Adjustable Clamp Design:** The hold-down clamp is adjustable, accommodating battery widths from 135 mm to 190 mm.
- **Recessed Slot Design:** Features deeper slots to prevent the battery from interfering with the tray's fasteners, ensuring a secure fit.
- **Versatile Application:** Suitable for a wide range of vehicles and vessels, including cars and boats.
- **Complete Kit:** Includes both the battery tray and the hold-down clamp for a comprehensive mounting solution.

3. SPECIFICATIONS

Specification	Value
Manufacturer	Ejoyous

Specification	Value
Item Model Number	DCTP091001
Item Weight	1.03 Kilograms
Package Dimensions	36.8 x 22.5 x 6.8 cm
Tray Dimensions	34.2 x 20 cm (13.5 x 7.87 inches)
Clamp Width Range	135 mm - 190 mm
Material	Metal
Color	Black
UPC	747333023787

4. PACKAGE CONTENTS

- 1 x Battery Tray
- 1 x Hold Down Clamp

5. INSTALLATION AND SETUP

Follow these steps to properly install your Ejoyous battery tray and clamp:

1. **Prepare the Installation Area:** Ensure the mounting surface in your vehicle or boat is clean, dry, and free from debris. The surface should be flat and strong enough to support the weight of the battery and tray.
2. **Position the Battery Tray:** Place the metal battery tray (part of the kit) in the desired location. Ensure it is level and stable.
3. **Secure the Battery Tray:** The tray has pre-drilled holes for mounting. Use appropriate fasteners (not included) to secure the tray to the vehicle's frame or mounting surface. Ensure the tray is firmly attached and does not move.
4. **Place the Battery:** Carefully place your battery onto the secured battery tray. Ensure the battery sits flush within the recessed slots of the tray.
5. **Attach the Hold Down Clamp:** Position the hold-down clamp over the top of the battery. The clamp consists of a crossbar and two threaded rods with wing nuts. Insert the threaded rods into the designated holes on the battery tray.
6. **Adjust and Tighten the Clamp:** Adjust the width of the clamp to fit snugly over your battery (range 135mm to

190mm). Once positioned, tighten the wing nuts on the threaded rods evenly until the clamp firmly secures the battery in place. Do not overtighten, as this may damage the battery casing or the clamp.

7. **Verify Security:** Gently try to move the battery. It should be held firmly in place by the tray and clamp, with no significant movement.



Figure 1: Overview of the Ejoyous Universal Metal Battery Tray and Hold Down Clamp.

Battery Tray + Hold Down Clamp



Figure 2: Illustrative image of the battery tray and clamp in an automotive application.

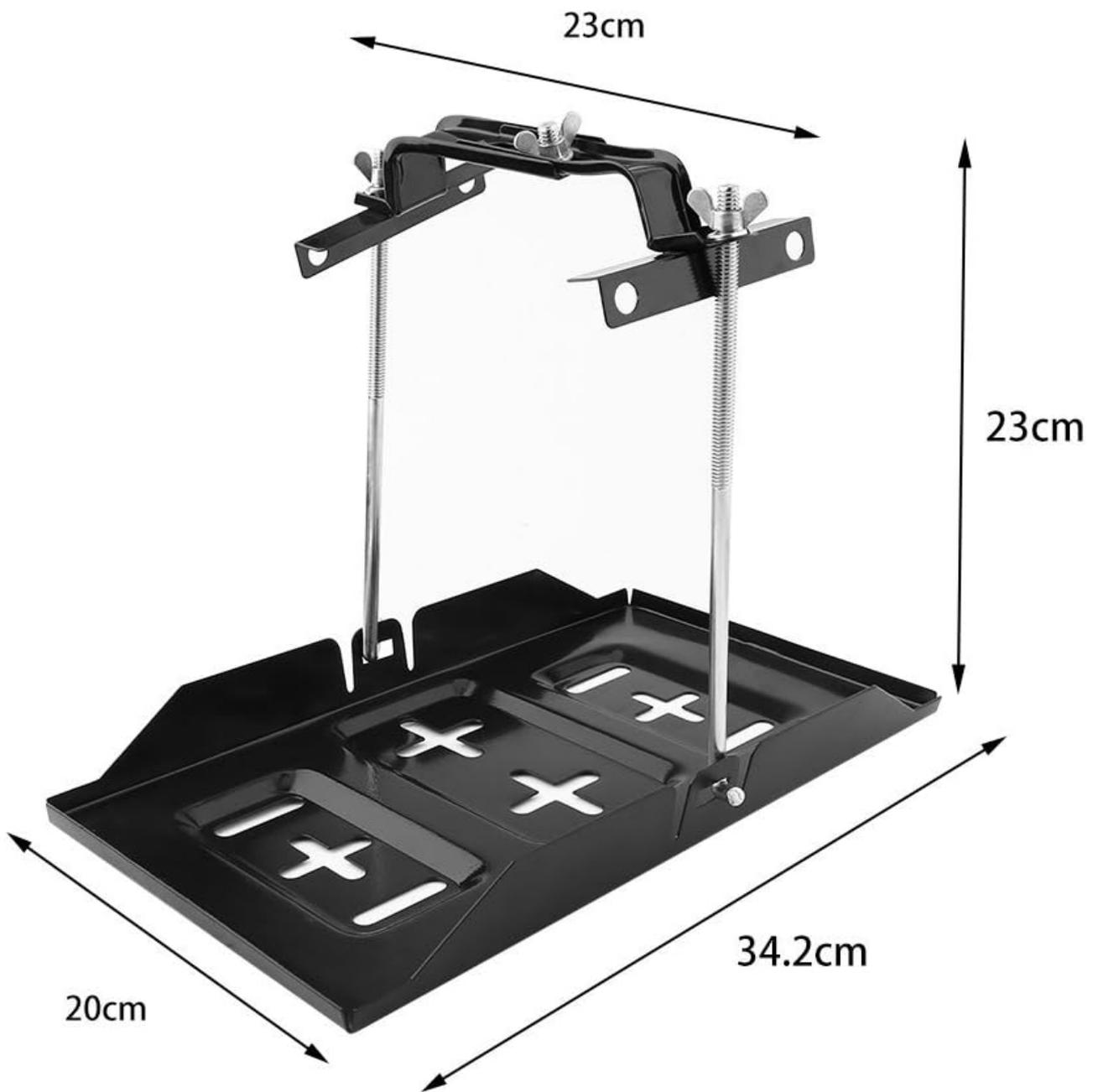


Figure 3: Key dimensions of the battery tray and clamp for fitment reference.

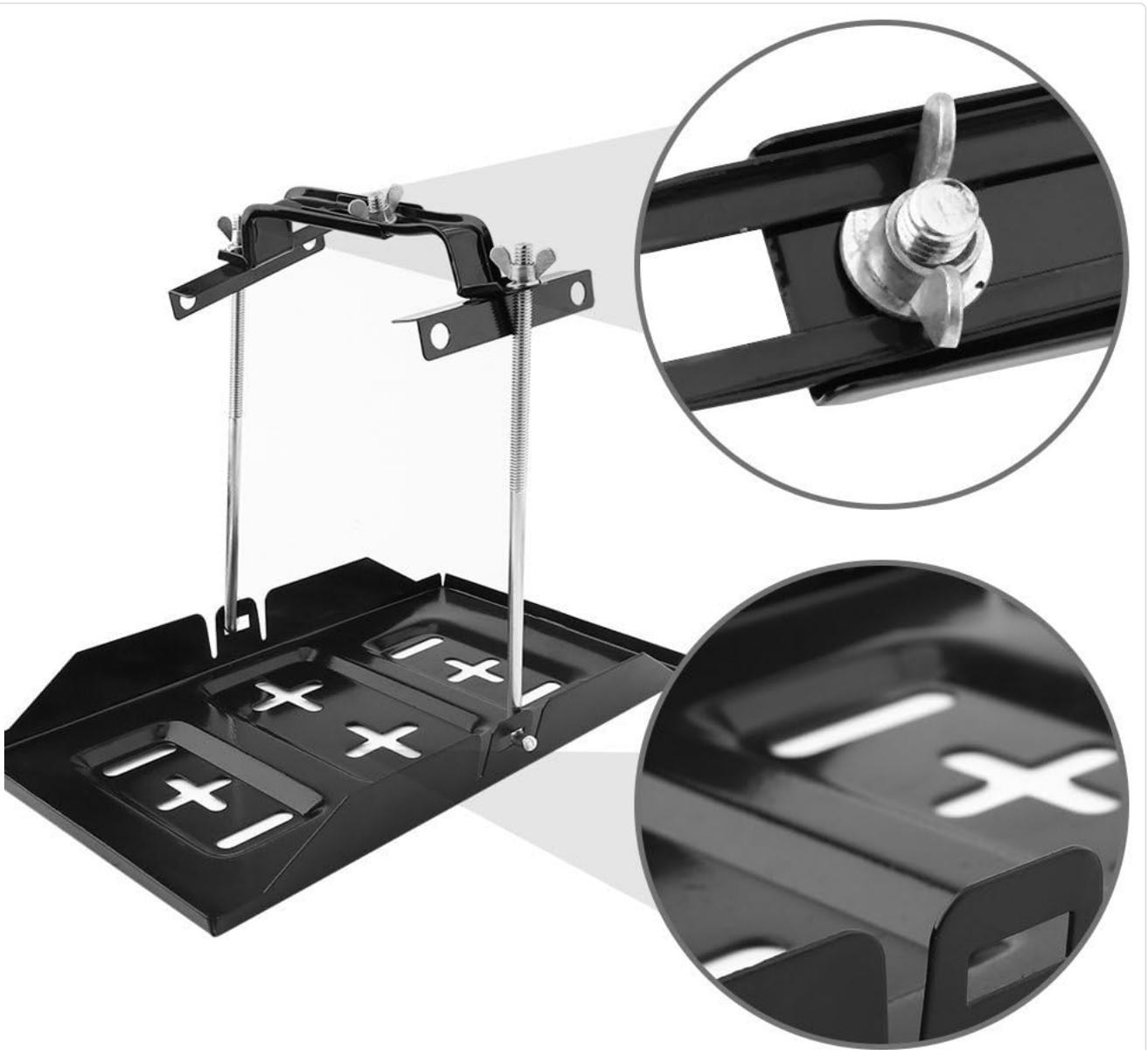


Figure 4: Detailed view of how the clamp rods connect to the battery tray.

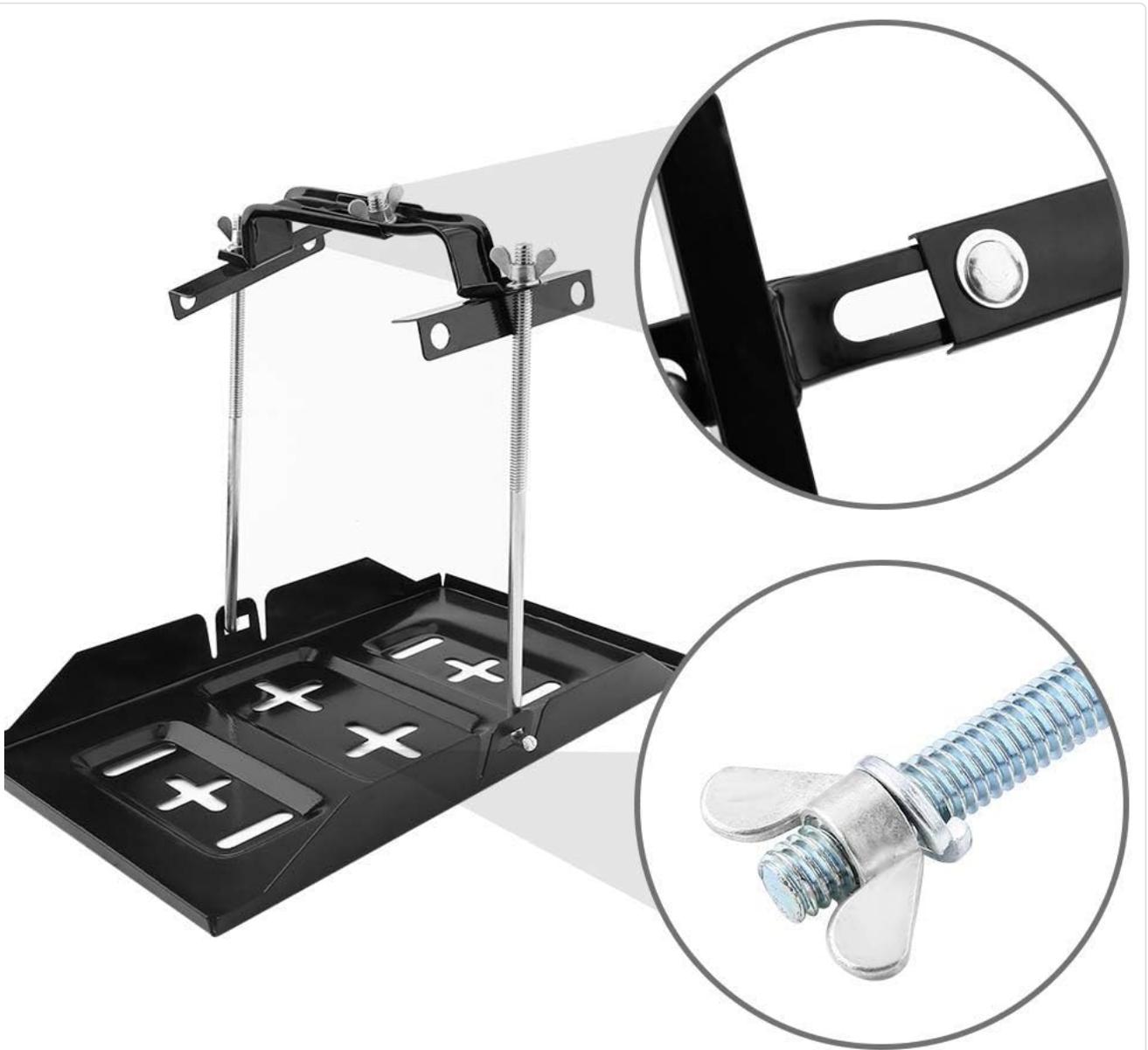


Figure 5: Close-up of the wing nut and threaded rod, showing the tightening mechanism.



Figure 6: The battery tray and hold down clamp shown as separate components.

6. MAINTENANCE

To ensure the longevity and proper function of your battery tray and clamp, consider the following maintenance tips:

- **Regular Inspection:** Periodically check the tray and clamp for any signs of corrosion, rust, or damage.
- **Cleanliness:** Keep the tray and clamp clean from dirt, dust, and battery acid residue. Use a damp cloth to wipe surfaces. For acid spills, neutralize with a baking soda solution before cleaning.
- **Tightness Check:** Re-check the tightness of the clamp's wing nuts and the tray's mounting fasteners regularly, especially after driving on rough terrain, to ensure the battery remains securely held.
- **Corrosion Prevention:** If operating in corrosive environments (e.g., marine applications), consider applying a thin layer of anti-corrosion spray or grease to the metal components, particularly the threaded rods and wing nuts.

7. TROUBLESHOOTING

- **Battery Does Not Fit:**
 - Ensure your battery's dimensions are within the specified range for the tray (34.2 x 20 cm) and the clamp's adjustable width (135-190 mm).
 - Verify the battery is seated correctly within the recessed slots of the tray.
- **Clamp is Loose:**
 - Tighten the wing nuts evenly on both threaded rods until the clamp firmly secures the battery.
 - Check if the threaded rods are fully engaged in the tray's holes.
- **Tray is Not Stable:**
 - Ensure the tray is mounted on a flat, stable surface.
 - Verify that the fasteners used to secure the tray to the vehicle are appropriate and tightened securely.

8. WARRANTY INFORMATION

Specific warranty details for this product may vary. Please refer to the retailer or manufacturer's official website for the most up-to-date warranty policy. Generally, products are covered against manufacturing defects for a limited period from the date of purchase.

9. CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your Ejoyous Universal Metal Battery Tray and Hold Down Clamp, please contact Ejoyous customer service through the retailer's platform where the product was purchased or visit the official Ejoyous brand store on Amazon.

You can visit the Ejoyous store at: [Ejoyous Amazon Store](#)