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› uxcell 100pcs Black Car Plastic Push in Rivet Fastener Bumper Clips User Manual

uxcell a16122800ux0581

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Model: a16122800ux0581

1. INTRODUCTION

This manual provides instructions for the proper use and installation of the uxcell 100pcs Black Car Plastic Push in Rivet Fastener Bumper Clips. These fasteners are designed for securing various automotive trim and upholstery components, offering a lightweight and insulated solution for vehicle interiors and exteriors.

2. PRODUCT OVERVIEW

The uxcell push-in rivet fasteners are made of durable black plastic, designed for a secure fit in various automotive applications. Each clip consists of a main body with an expanding shaft and a push-in pin that locks the assembly firmly into place.



Figure 2.1: A single uxcell black plastic push-in rivet fastener, showing its expanding shaft and the separate head component.



Figure 2.2: A bulk quantity of 100 uxcell black plastic push-in rivet fasteners, as supplied in the package.

2.1 Key Applications:

- Used by many manufacturers to hold various trim and upholstery pieces.
- Commonly applied to carpet, door cards, roof lining, engine covers, landing panels, boot linings, and wheel arch linings.
- Suitable for use in buses, trains, planes, trucks, caravans, and cars.

3. SETUP AND INSTALLATION

These push-in rivets are designed for simple installation. For best results, ensure the receiving hole is clean and free of debris before proceeding.

3.1 Installation Steps:

1. **Prepare the Hole:** Verify that the hole size is approximately 5mm (0.2 inches) in diameter.
2. **Insert the Rivet:** Place the expanding shaft of the rivet into the prepared hole.

3. **Push the Pin:** Firmly push the central pin inwards. This action expands the rivet's shaft within the hole, locking the assembly securely into place.
4. **Verify Secure Fit:** Ensure the trim or panel is held firmly against the surface.

These fasteners are best fitted using expansion drive rivet tools, though manual pushing may suffice for some applications depending on the material and fit.

4. OPERATING INSTRUCTIONS

Once installed, the uxcell push-in rivets function by maintaining a secure hold on the attached components. The expanded shaft creates tension against the hole walls, preventing accidental dislodgement due to vibration or movement.

4.1 Removal (if necessary):

To remove the rivet, a flat-head screwdriver or a specialized trim removal tool can be used to carefully pry out the central pin. Once the pin is removed, the shaft will retract, allowing the rivet to be pulled out. Exercise caution to avoid damaging surrounding trim or the vehicle's surface during removal.

5. MAINTENANCE

These plastic fasteners require no specific routine maintenance. However, it is advisable to periodically inspect installed clips, especially in areas subject to high vibration or frequent access. Look for any signs of wear, cracking, or loosening. Replace any damaged or compromised clips promptly to ensure continued secure fastening and prevent rattling or detachment of components.

6. TROUBLESHOOTING

6.1 Rivet Does Not Hold Securely:

- **Incorrect Hole Size:** Ensure the hole diameter is precisely 5mm (0.2 inches). If the hole is too large, the rivet will not expand sufficiently to create a secure fit.
- **Pin Not Fully Inserted:** Make sure the central pin is pushed completely inwards until it is flush or slightly recessed. Incomplete insertion will prevent full expansion of the rivet.
- **Damaged Rivet:** Inspect the rivet for any cracks, deformities, or manufacturing defects before installation. Use a new, undamaged rivet if any issues are found.

6.2 Difficulty Inserting Rivet:

- **Hole Too Small:** The hole may be slightly smaller than 5mm. Do not force the rivet, as this can damage both the rivet and the mounting surface. Gently widen the hole if necessary, but avoid making it too large.
- **Obstruction:** Check for any debris, excess material, or burrs obstructing the hole. Clean the hole thoroughly before attempting insertion.

7. SPECIFICATIONS

Attribute	Value
Product Name	Clips/Rivets/Fastener

Attribute	Value
Material	Plastic
Color	Black
Fit Hole Size	5mm / 0.2 inches
Head Diameter (max.)	9mm / 0.35 inches
Stem Length	11mm / 0.43 inches
Total Length	15mm / 0.6 inches
Net Weight	36g (for 100 clips)
Package Content	100 (+/-2%) x Car Rivets
Manufacturer Part Number	a16122800ux0581

8. WARRANTY AND SUPPORT

For information regarding returns or support for your uxcell fasteners, please refer to the retailer's return policy where the product was purchased. Typically, a 30-day return policy for refund or replacement is offered by the seller.

For further assistance or specific product inquiries, please contact uxcell customer support through their official channels or the platform where the product was acquired.