Sealey RE006

Sealey RE006 6pc Suction Clamp Set User Manual

Model: RE006 | Brand: Sealey

Overview	Safety	Contents	Setup	Operation	Maintenance	Troubleshooting	Specifications	Warranty

1. PRODUCT OVERVIEW

The Sealey RE006 6pc Suction Clamp Set is designed to assist in automotive bodyshop tasks. This set provides a reliable method for securing various components such as panel trims, decals, badges, window trims, and sensors during preparation or while adhesives cure. The clamps feature a non-marking, composite construction and offer adjustable reach and clamping force, ensuring precise and damage-free application.

Figure 1: The Sealey RE006 6pc Suction Clamp Set.

2. SAFETY INFORMATION

Always observe the following safety precautions when using the Sealey RE006 Suction Clamp Set:

- **Read Instructions:** Familiarize yourself with all instructions before use.
- **Clean Surfaces:** Ensure surfaces where suction cups are applied are clean, dry, and free from dust, grease, or debris to ensure maximum suction.
- **Inspect Clamps:** Before each use, inspect the suction cups and clamp mechanisms for any signs of damage or wear. Do not use damaged clamps.
- **Avoid Over-tightening:** Apply appropriate clamping force. Excessive force may damage the clamped item or the clamp itself.
- **Temperature Considerations:** Suction performance may be affected by extreme temperatures. Use in moderate conditions for best results.
- **Secure Placement:** Ensure the suction cups are firmly attached before applying clamping pressure.
- **Storage:** Store clamps in a clean, dry place away from direct sunlight and extreme temperatures.

3. PACKAGE CONTENTS

The Sealey RE006 6pc Suction Clamp Set includes the following items:

- 6 x Sealey RE006 Suction Clamps (Blue, composite construction)

4. SETUP

The Sealey RE006 Suction Clamps are ready for use directly out of the package. No assembly is required. Prior to first use, and before each subsequent use, ensure the following:

1. **Clean the Suction Cups:** Wipe the rubber suction cups with a clean, damp cloth to remove any dust or residue. Allow them to dry completely.
2. **Prepare the Surface:** Ensure the surface where the clamp will be applied is clean, dry, and smooth. Any dirt, oil, or texture can compromise suction.
3. **Inspect the Mechanism:** Check that the adjustable clamp mechanism operates smoothly and that all components are intact.

5. OPERATING INSTRUCTIONS

Follow these steps to effectively use the Sealey RE006 Suction Clamps:

1. **Position the Clamp:** Place the suction cup firmly against the clean, smooth surface of the vehicle panel or window.
2. **Engage Suction:** Press down on the suction cup to expel air and create a vacuum seal. Ensure the cup is fully adhered.
3. **Adjust Reach:** The clamp features an adjustable arm. Position the arm to align with the item you wish to secure (e.g., trim, decal, badge).
4. **Apply Clamping Force:** Use the screw mechanism to gently tighten the clamp, applying sufficient pressure to hold the item in place without causing damage. The non-marking composite construction helps prevent scratches.
5. **Monitor During Curing:** If used for adhesive setting, periodically check the clamps to ensure they maintain suction and pressure throughout the curing period.
6. **Release Clamp:** To remove, loosen the screw mechanism, then gently lift the edge of the suction cup to break the vacuum seal.

Figure 2: Clamps securing a trim on a car door.

Figure 3: Clamps used to hold a window trim in place.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Sealey RE006 Suction Clamp Set:

- **Cleaning:** After each use, wipe down the suction cups and clamp bodies with a clean, damp cloth to remove any adhesive residue, dust, or grime. Avoid harsh chemicals that could damage the composite material or rubber.
- **Drying:** Ensure all parts are completely dry before storage to prevent degradation of materials.
- **Storage:** Store the clamps in their original packaging or a suitable storage container in a cool, dry place, away from direct sunlight and extreme temperatures. This helps preserve the integrity of the rubber suction cups.
- **Lubrication:** Periodically apply a small amount of silicone-based lubricant to the screw threads of the clamping mechanism to ensure smooth operation.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution

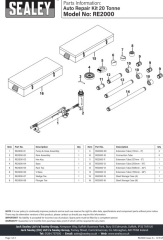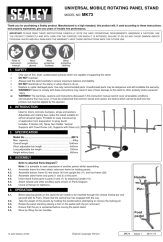| Problem	Possible Cause	Solution
Suction cup does not hold.	• Surface is dirty, oily, or wet. • Surface is porous or textured. • Suction cup is damaged or worn. • Insufficient pressure applied when engaging suction.	• Clean and dry the surface thoroughly. • Ensure the surface is smooth and non-porous. • Inspect the suction cup for cracks or hardening; replace if necessary. • Press firmly on the suction cup to expel all air before use.
Clamp mechanism is stiff.	• Dirt or debris in threads. • Lack of lubrication.	• Clean the screw threads. • Apply a small amount of silicone-based lubricant to the threads.
Item being clamped slips.	• Insufficient clamping force. • Item surface is slippery.	• Increase clamping force carefully, ensuring not to damage the item. • Ensure the item is clean and dry. Consider using a non-slip material between the clamp and the item if appropriate.

8. SPECIFICATIONS

Feature	Detail
Brand	Sealey
Model Number	RE006
Item Dimensions (L x W x H)	7.6 x 10.16 x 3.19 inches
Color	Blue
Style	Adjustable
Item Weight	1.1 pounds (498 Grams)
Set Name	6pc Suction Clamp Set
Construction	Non-marking, composite

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, product support, or spare parts, please contact Sealey customer service directly or refer to the official Sealey website. Keep your purchase receipt as proof of purchase.

Sealey Contact Information:

• Sealey Official Website
• Refer to product packaging for specific contact details or regional support numbers.

Related Documents - RE006

[Sealey IR3000.V3 3150W Infrared Panel Dryer with Distance Sensor - Short Wave User Manual](#)

User manual for the Sealey IR3000.V3 3150W Infrared Panel Dryer with Distance Sensor - Short Wave. Provides instructions on safety, installation, operation, maintenance, and troubleshooting for efficient automotive paint drying.

[Sealey VS660 Drain Plug Repair Set: Instructions and Specifications](#)

Comprehensive guide to the Sealey VS660 Drain Plug Repair Set, including safety instructions, product specifications, operation steps, and environmental protection guidelines.

[Sealey RE2000 Auto Repair Kit 20 Tonne Parts Information and Components](#)

Comprehensive parts list and component breakdown for the Sealey RE2000 20 Tonne Auto Repair Kit. Includes part numbers, descriptions, quantities, and assembly details for the pump and ram.

[Sealey Universal Mobile Rotating Panel Stand MK73 - User Manual and Specifications](#)

Comprehensive user manual and specifications for the Sealey Universal Mobile Rotating Panel Stand, Model MK73. Includes safety guidelines, assembly instructions, operation procedures, parts list, and environmental protection information.

[Sealey SCS901 Windscreen Repair Kit Instructions](#)

Comprehensive guide for using the Sealey SCS901 Windscreen Repair Kit, including safety precautions, operation steps, and environmental considerations.

[Sealey SGL01 Rechargeable Spray Gun Light 5W SMD LED - User Manual](#)

Detailed instructions and specifications for the Sealey SGL01 Rechargeable Spray Gun Light. Learn about its features, operation, safety precautions, and charging for automotive and workshop use.