

Performance Tool W1005

Performance Tool W1005 Dual Suction Cup Dent Puller

Model: W1005

INTRODUCTION

The Performance Tool W1005 Dual 4-1/2 Inch Suction Cup Dent Puller is a versatile tool designed for a variety of lifting, moving, pulling, and handling tasks. It is ideal for working with smooth, non-porous materials such as glass, mirrors, and metal sheets. This manual provides essential information for the safe and effective use of your W1005 dent puller.



Image: The Performance Tool W1005 Dual Suction Cup Dent Puller, showing its orange body and two black suction cups with levers.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the tool and materials.

- **Inspect Before Use:** Before each use, inspect the suction cups for any damage, cracks, or debris. Ensure the rubber pads are clean and free of oil or grease.
- **Clean Surfaces:** Always ensure the surface of the material you are lifting or pulling is clean, dry, and free of dust, dirt, or moisture.
- **Secure Suction:** Verify that both suction cups are firmly attached and the locking levers are fully engaged before attempting to lift or pull.
- **Do Not Exceed Capacity:** The maximum lifting load capacity is 132 lbs (60 Kg). Do not exceed this limit.
- **Handle with Care:** Avoid dropping the tool or subjecting it to excessive force, which could damage the suction mechanism or handles.
- **Not for Creased Dents:** This tool is specifically designed for non-creased car dent repair. It may not be effective or suitable for dents with sharp creases.

PRODUCT OVERVIEW

The W1005 Dent Puller consists of a durable ABS plastic handle connecting two heavy-duty rubber suction pads, each equipped with a quick-release locking lever.



Image: A detailed diagram of the W1005 tool, highlighting its key components: locking levers, non-slip ABS handles, soft rubber suction pads, 4.6-inch suction plates, and indicating a 132 lb. lifting capacity.

Components:

- **Suction Plates:** Two 4.6-inch diameter heavy-duty rubber pads designed to create a strong vacuum seal on smooth surfaces.

- **Locking Levers:** Quick-release levers for engaging and disengaging the suction.
- **ABS Handles:** Thickened, non-slip ABS plastic handles for a secure grip and durability.

SETUP

The Performance Tool W1005 comes pre-assembled and requires minimal setup. Follow these steps before initial use:

1. **Unpack:** Carefully remove the dent puller from its packaging.
2. **Inspect:** Visually inspect the entire tool for any signs of shipping damage or manufacturing defects. Pay close attention to the rubber suction pads and the locking levers.
3. **Clean Suction Pads:** Before first use, and before each subsequent use, wipe the rubber suction pads with a clean, damp cloth to remove any dust or residue. Ensure they are completely dry before use.
4. **Prepare Surface:** Ensure the surface of the material you intend to work with is clean, dry, and non-porous. Any dirt, oil, or moisture will compromise the suction.

OPERATING INSTRUCTIONS

This tool is designed for lifting, moving, pulling, and non-creased dent repair on smooth, non-porous surfaces.

General Operation:

1. **Position the Tool:** Place the suction cups firmly onto the clean, dry, non-porous surface. Ensure both cups are fully in contact with the surface.
2. **Engage Suction:** While pressing down on the tool to ensure good contact, flip both black locking levers down towards the surface. This action creates a vacuum seal, securing the suction cups to the material.
3. **Verify Suction:** Gently tug on the handle to confirm that the suction cups are securely attached before proceeding with lifting or pulling.
4. **Perform Task:** Once suction is confirmed, you can now lift, move, or pull the material as needed. Maintain a firm grip on the handles.
5. **Release Suction:** To release the tool, simply flip both black locking levers back up. This breaks the vacuum seal, allowing you to remove the tool from the surface.



Image: The W1005 suction cup dent puller being used on a car windshield, illustrating its application for handling glass or pulling dents.

For Dent Repair (Non-Creased):

For non-creased dents on vehicle body panels, apply the suction cups directly to the center of the dent. Engage the suction as described above. Then, with a steady and controlled motion, pull the handle outwards to attempt to pull the dent out. Repeat if necessary, repositioning the tool slightly if the dent is large.

MAINTENANCE

Proper maintenance will extend the life of your Performance Tool W1005.

- **Cleaning:** After each use, wipe the rubber suction pads and the plastic body with a clean, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the rubber.
- **Drying:** Ensure all parts are completely dry before storage to prevent mildew or degradation of the rubber.
- **Storage:** Store the tool in a clean, dry place away from direct sunlight and extreme temperatures. Avoid storing it with the levers engaged, as this can deform the rubber pads over time.

- **Inspection:** Periodically inspect the rubber pads for signs of wear, cracks, or hardening. Replace the tool if the pads show significant degradation, as this will affect suction performance.

TROUBLESHOOTING

If you encounter issues with your W1005 dent puller, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Suction cups do not hold.	Surface is dirty, wet, or porous. Rubber pads are damaged or dirty. Levers not fully engaged.	Clean and dry the surface thoroughly. Clean the rubber pads. Ensure levers are fully flipped down. Inspect pads for damage.
Tool slips during use.	Insufficient suction. Exceeding weight capacity.	Re-engage suction, ensuring proper contact. Do not exceed 132 lbs (60 Kg) lifting capacity.
Dent not pulling out.	Dent is creased or too severe. Insufficient force applied.	This tool is for non-creased dents. For severe dents, professional repair may be required. Apply steady, firm pulling force.

SPECIFICATIONS

Feature	Detail
Model Number	W1005
Brand	Performance Tool
Suction Cup Diameter	4.6 inches (approx. 11.7 cm)
Pad Thickness	7 mm
Maximum Lifting Capacity	132 lbs (60 Kg)
Handle Material	Thickened ABS Plastic
Item Weight	1.27 pounds (approx. 0.58 Kg)
Package Dimensions	14.09 x 4.96 x 3.11 inches (approx. 35.8 x 12.6 x 7.9 cm)

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Performance Tool W1005 Dual Suction Cup Dent Puller, please refer to the manufacturer's official website or contact their customer service department. Keep your purchase receipt as proof of purchase.

Visit the [Performance Tool Store](#) for more information.

Documents - Performance Tool – W1005

no relevant documents