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Manelord Dent Repair T-Bar Slide Hammer Puller Tool Kit (42-Piece) Instruction Manual

Model: NBS-128

1. PRODUCT OVERVIEW

The Manelord Dent Repair T-Bar Slide Hammer Puller Tool Kit is designed for effective and efficient removal of dents from various surfaces, including vehicle bodies, fenders, doors, and household appliances like refrigerators and washing machines. This 42-piece kit facilitates paintless dent repair (PDR), preserving the original paint finish and eliminating the need for putty or repainting. It offers a DIY solution for minor to moderate dents, saving time and repair costs.



Image 1.1: Overview of the Manelord 42-piece dent repair kit, showing the T-bar slide hammer, various pulling tabs, glue gun, glue sticks, and a plastic scraper.

2. PACKAGE CONTENTS

Please verify that all components listed below are included in your package:

- T-Bar Slide Hammer: 1 unit
- Pulling Tabs: 28 units (various shapes and sizes)
- Glue Sticks: Multiple (length 23cm, diameter 0.7cm)
- Plastic Shovel/Scraper: 2 units
- Instruction Manual: 1 unit (Japanese, this document serves as an English guide)



Image 2.1: Detailed view of the T-bar slide hammer components, including the main bar, handle, and various adapters, along with dimensional measurements.

3. SETUP

The T-bar slide hammer can be assembled in two configurations: a short version for smaller dents and a long version for larger dents requiring more pulling force.

3.1 Short Configuration Assembly

1. Attach the T-handle directly to the main pulling shaft.
2. Ensure it is securely tightened.

3.2 Long Configuration Assembly

1. Connect the extension rod to the main pulling shaft.
2. Attach the T-handle to the other end of the extension rod.
3. Verify all connections are tight and secure before use.

短い段階の組み立て指示



長い段階の組み立て指示



Image 3.1: Visual guide demonstrating the assembly steps for both the short and long configurations of the T-bar slide hammer.

4. OPERATING INSTRUCTIONS

Follow these steps for effective dent removal:

- Clean the Dent Area:** Thoroughly clean the surface around the dent with rubbing alcohol or a degreaser to ensure proper adhesion of the pulling tab. The surface must be dry and free of wax or oil.
- Select the Correct Tab:** Choose a pulling tab that is slightly smaller than the dent itself. The kit includes various shapes and sizes to accommodate different dent characteristics.
- Apply Hot Glue:** Load a glue stick into the glue gun and allow it to heat up. Apply a generous amount of hot glue to the center of the selected pulling tab.
- Attach the Tab:** Immediately place the glue-covered tab firmly onto the center of the dent. Apply gentle pressure for a few seconds to ensure good contact. Allow the glue to cool and harden completely (typically 5-10 minutes, depending on ambient temperature). Do not rush this step, as poor adhesion will lead to ineffective pulling.
- Attach the Slide Hammer:** Screw the T-bar slide hammer onto the pulling tab.
- Pull the Dent:** Hold the T-bar firmly with one hand and slide the hammer weight towards the handle with the other hand, applying controlled, sharp pulls. Start with gentle pulls and gradually increase force as needed. Avoid excessive force, which can damage the paint or pull the tab off prematurely.

7. **Remove the Tab:** Once the dent is sufficiently pulled, or if the tab detaches, use the provided plastic shovel/scraper to carefully remove any remaining glue from the surface. Do not use metal tools that could scratch the paint.
8. **Repeat if Necessary:** For larger or more stubborn dents, you may need to repeat the process with different tabs or adjust your pulling technique. Work slowly and methodically.



Image 4.1: A user demonstrating the application of the T-bar slide hammer to pull a dent from a car door, illustrating the pulling motion.



Image 4.2: Close-up views showing the T-bar slide hammer in use, highlighting its adaptability for different dent sizes and the strong pulling force it provides.

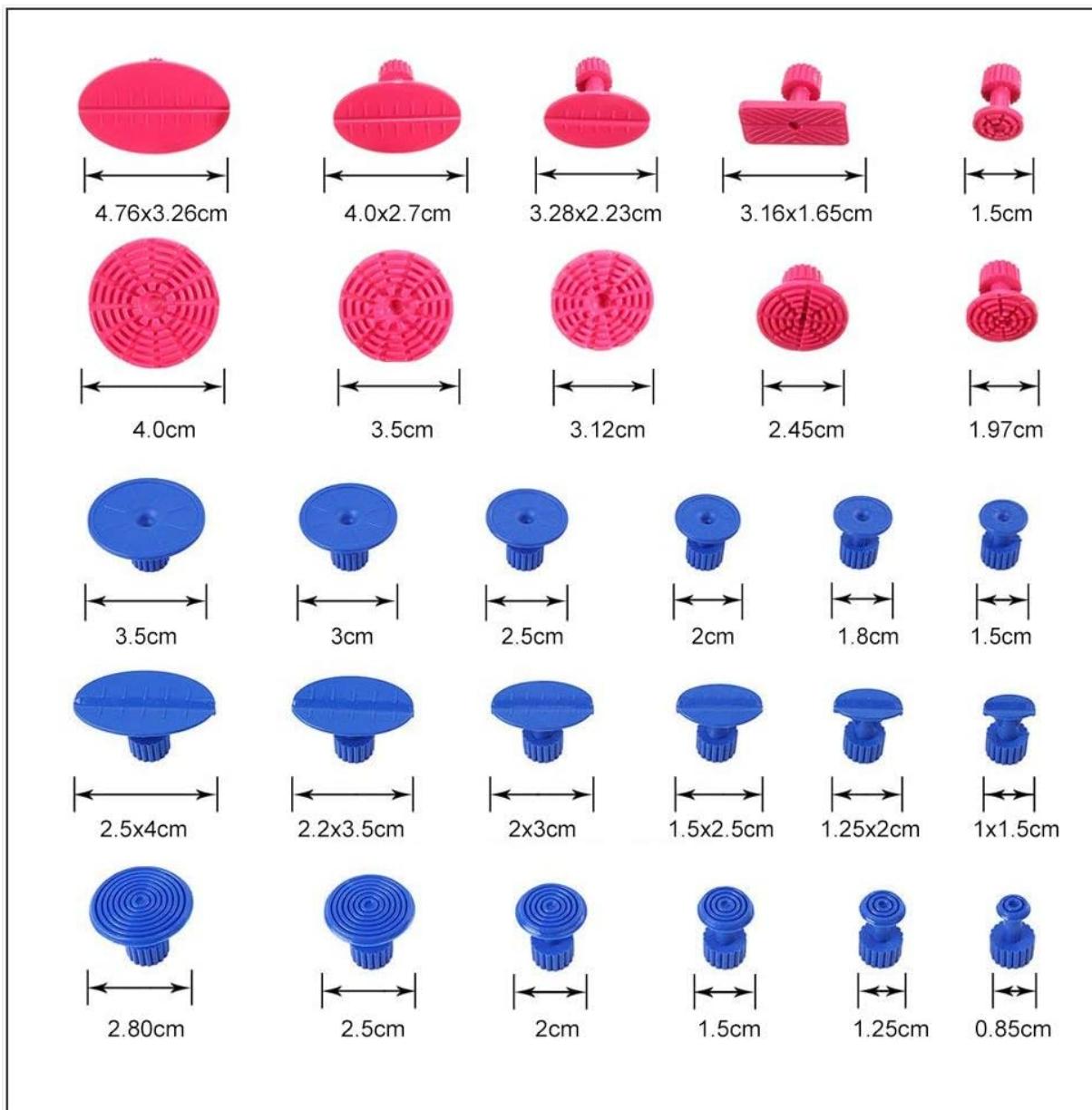


Image 4.3: A selection of the 28 pulling tabs included in the kit, displaying various shapes and sizes with their respective dimensions, suitable for different dent types.

5. MAINTENANCE

Proper maintenance ensures the longevity and effectiveness of your dent repair kit:

- **Clean Tools:** After each use, clean any glue residue from the pulling tabs and the T-bar slide hammer. Warm water and a mild detergent can help remove stubborn glue.
- **Store Properly:** Store all components in a dry, clean place, preferably in their original packaging or a dedicated toolbox, to prevent loss or damage.
- **Inspect Components:** Periodically inspect the T-bar for any signs of wear or damage. Ensure the threads on the pulling tabs and the T-bar are clean and undamaged for secure attachment.
- **Glue Gun Care:** Follow the manufacturer's instructions for glue gun maintenance. Ensure it is unplugged and cooled before cleaning.

6. TROUBLESHOOTING

If you encounter issues during dent repair, consider the following:

- **Tab Not Sticking:**

- Ensure the surface is thoroughly cleaned and degreased. Any wax, oil, or dirt will prevent proper adhesion.
- Verify the glue gun is hot enough and the glue is applied generously and quickly.
- Allow sufficient time for the glue to cool and harden completely before pulling.

- **Dent Not Pulling Out:**

- You may need to use a larger tab or apply more pulling force with the slide hammer.
- For larger dents, multiple pulls from different angles or with different tabs might be necessary.
- Some dents, such as very large, very small, sharp-angled, or those on press lines, may be difficult or impossible to repair with this kit.

- **Glue Residue Remaining:**

- Use the provided plastic shovel/scraper.
- A small amount of rubbing alcohol can help dissolve stubborn glue residue.

- **Paint Damage:**

- This kit is designed for paintless dent repair. If paint is peeling or cracking, the dent may be too severe for this method, or the paint was already compromised.
- Avoid excessive force during pulling.

Important Note: This is a DIY repair tool. While effective for many dents, it does not guarantee 100% perfect repair results, and outcomes can vary based on the dent's characteristics and the user's technique.

7. SPECIFICATIONS

Brand	Manelord
Model Number	NBS-128
Item Weight	1.16 Kilograms
Package Dimensions	39.1 x 15.7 x 6.2 cm
Number of Pieces	42
First Available Date	January 14, 2018

8. WARRANTY AND SUPPORT

Specific warranty information for the Manelord Dent Repair T-Bar Slide Hammer Puller Tool Kit is not provided in the product details. For warranty claims, technical support, or inquiries regarding replacement parts, please contact the seller directly through your purchase platform or refer to any documentation included with your product at the time of purchase.

For general information or to purchase additional Manelord products, please visit the official Manelord brand page or authorized retailers.