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VEVOR SY-020

VEVOR 60-Piece Paintless Dent Repair Kit

Model: SY-020

Introduction

This instruction manual provides detailed guidance for the safe and effective use of your VEVOR 60-Piece Paintless Dent Repair Kit. This kit is designed for removing dents and dings from various metal surfaces, including vehicle bodies, refrigerators, and washing machines, without damaging the original paint finish. Please read this manual thoroughly before operation and retain it for future reference.

Safety Instructions

- Always wear appropriate personal protective equipment, such as gloves and eye protection, during operation.
- Ensure the work area is clean, well-lit, and free from obstructions.
- The hot glue gun operates at high temperatures. Avoid direct contact with the nozzle and molten glue to prevent burns.
- Keep the hot glue gun away from flammable materials.
- Do not use the kit on vehicles with repainted surfaces or existing body damage, as this may affect the repair outcome.
- Keep all tools out of reach of children.
- Use the tools only for their intended purpose.

Package Contents

Your VEVOR 60-Piece Paintless Dent Repair Kit includes the following components:

- 1 x Dent Lifter
- 1 x Bridge Puller
- 5 x Repair Pens
- 1 x Rubber Hammer
- 24 x Dent Pulling Tabs (various sizes and shapes)

- 1 x 20W Hot Glue Gun
- 15 x Glue Sticks
- 1 x Scraper
- Additional accessories as pictured

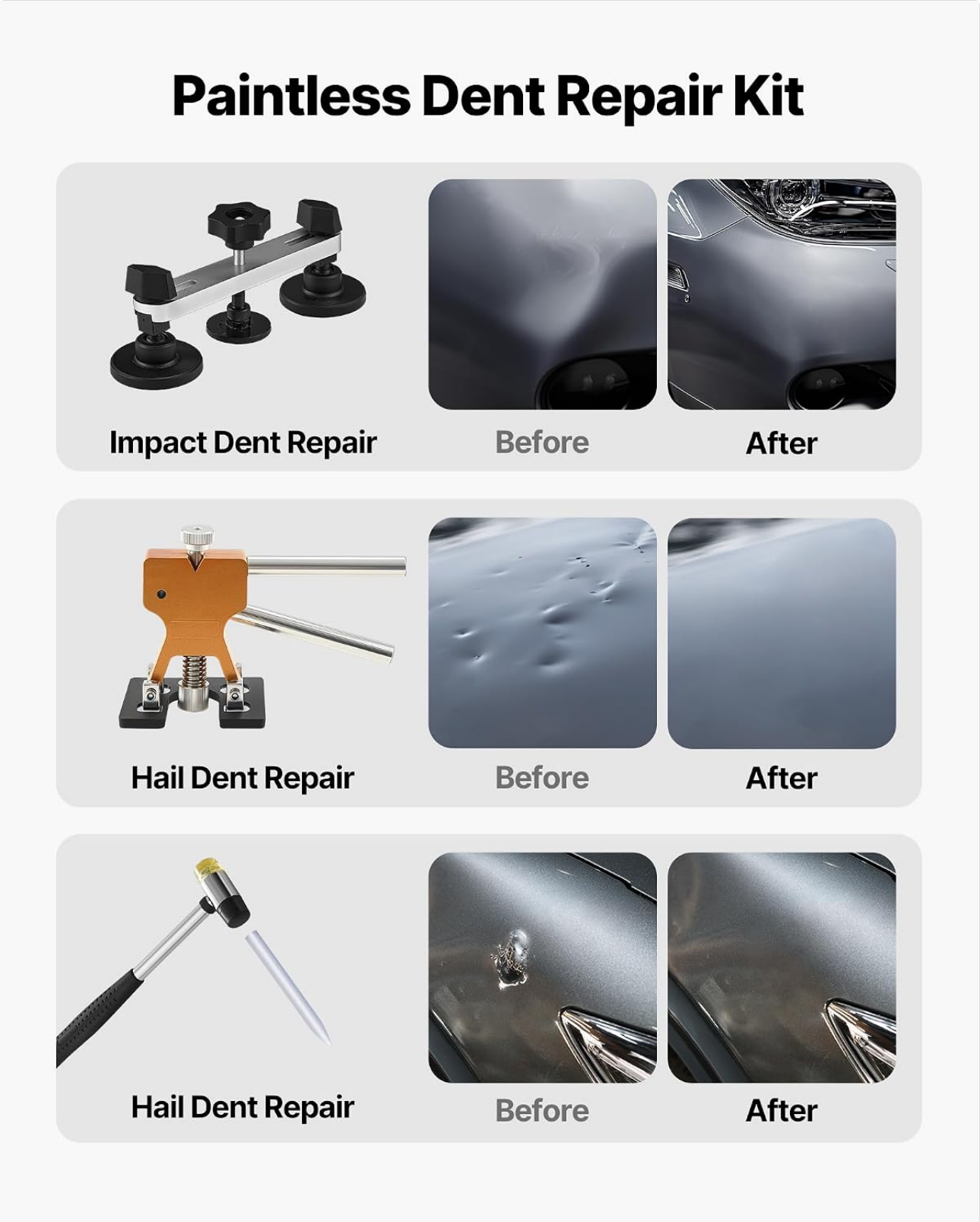

Image: Complete VEVOR Paintless Dent Repair Kit showing all included tools and accessories.

Setup

1. **Prepare the Surface:** Thoroughly clean the dented area with a suitable cleaner (e.g., rubbing alcohol) to

remove any dirt, wax, or grease. Ensure the surface is completely dry before proceeding.

2. **Prepare the Hot Glue Gun:** Insert a glue stick into the back of the 20W hot glue gun. Plug the glue gun into a power outlet (100-240V) and allow it to heat up for 3-5 minutes until the glue flows smoothly when the trigger is pressed.



Image: The 20W hot glue gun included in the kit, ready for use.

Operating Instructions

The paintless dent repair process involves several steps. Always work patiently and apply gradual pressure to achieve the best results.

General Dent Repair Process

1. **Select a Pulling Tab:** Choose a pulling tab that is slightly smaller than the dent. The kit includes various sizes and shapes for different dent types (hail dents, impact dents).
2. **Apply Hot Glue:** Apply a generous amount of hot glue to the center of the selected pulling tab. Ensure the glue is evenly distributed.
3. **Attach the Tab:** Quickly and firmly place the pulling tab onto the center of the dent. Apply light pressure for a few seconds to ensure good adhesion.
4. **Allow Glue to Cool:** Let the glue cool and harden for approximately 5-8 minutes. The cooling time may vary depending on ambient temperature and glue thickness. The glue must be firm to provide sufficient pulling strength.
5. **Use a Pulling Tool:** Attach either the dent lifter or the bridge puller to the pulling tab.
6. **Gradual Pulling:** Slowly and steadily pull the dent outwards. For the dent lifter, squeeze the handles. For the bridge puller, turn the knob clockwise. Apply gentle, consistent pressure. Avoid sudden, forceful pulls.
7. **Remove the Tab:** Once the dent is reduced, spray rubbing alcohol (not included) around the base of the pulling tab. Use the provided scraper to gently pry off the tab and remove any residual glue.
8. **Refine the Repair:** Use the rubber hammer and repair pens to gently tap down any high spots around the repaired area. This helps to smooth out the surface.
9. **Repeat if Necessary:** For larger or deeper dents, you may need to repeat the process with different sized tabs or adjust the pulling technique.

Using the Bridge Puller

The bridge puller is ideal for small to medium-sized dents and provides even pressure distribution.

- After attaching the pulling tab and allowing the glue to cool, place the bridge puller over the tab.
- Adjust the two outer feet of the bridge puller to sit firmly on the surface around the dent. The bridge puller's design allows for even pressure across three points.
- Thread the pulling tab's stem through the center hole of the bridge puller and secure it with the provided nut.
- Slowly turn the knob on top of the bridge puller clockwise to lift the dent. Turn gradually and observe the dent's movement.



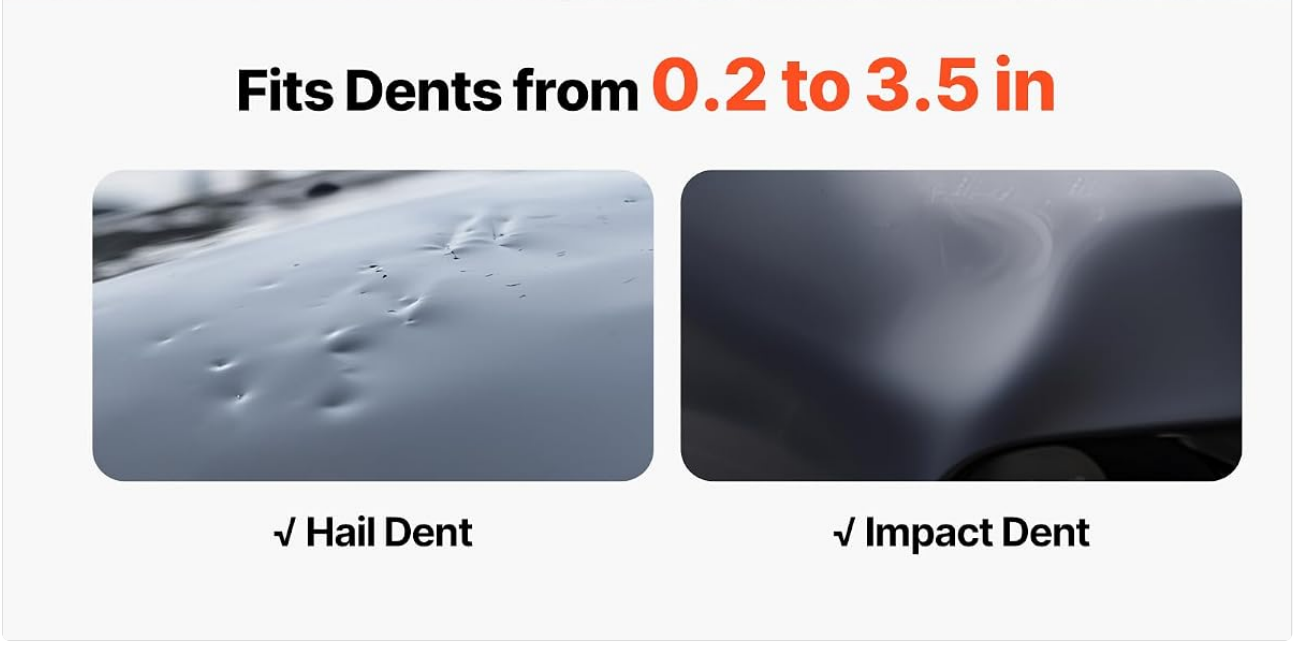

Image: Adjustable bridge dent puller in use, demonstrating how to position and adjust it for effective dent removal.



Image: Close-up of the bridge puller being adjusted on a vehicle surface.

Using the Dent Lifter

The dent lifter is versatile and features an angle-adjustable base to conform to vehicle curves.

- After attaching the pulling tab and allowing the glue to cool, position the dent lifter over the tab.
- Adjust the angle of the lifter's feet to match the contour of the car body. The anti-slip rubber pads ensure a larger contact area and prevent scratching.
- Secure the pulling tab's stem into the clamp of the dent lifter.
- Slowly squeeze the handles of the dent lifter to pull the dent outwards. Apply steady, controlled pressure.



Image: Dent lifter in action, demonstrating its precise alignment and powerful pull capabilities.

Pulling Tabs and Glue Removal

The kit includes 24 reusable, thickened pulling tabs designed for durability and effective adhesion.

- Choose the appropriate tab size and shape for the specific dent.
- After pulling the dent, use rubbing alcohol to dissolve the glue. This ensures no sticky residue is left on your vehicle's paint.
- The scraper helps to gently remove any remaining glue or tab fragments.

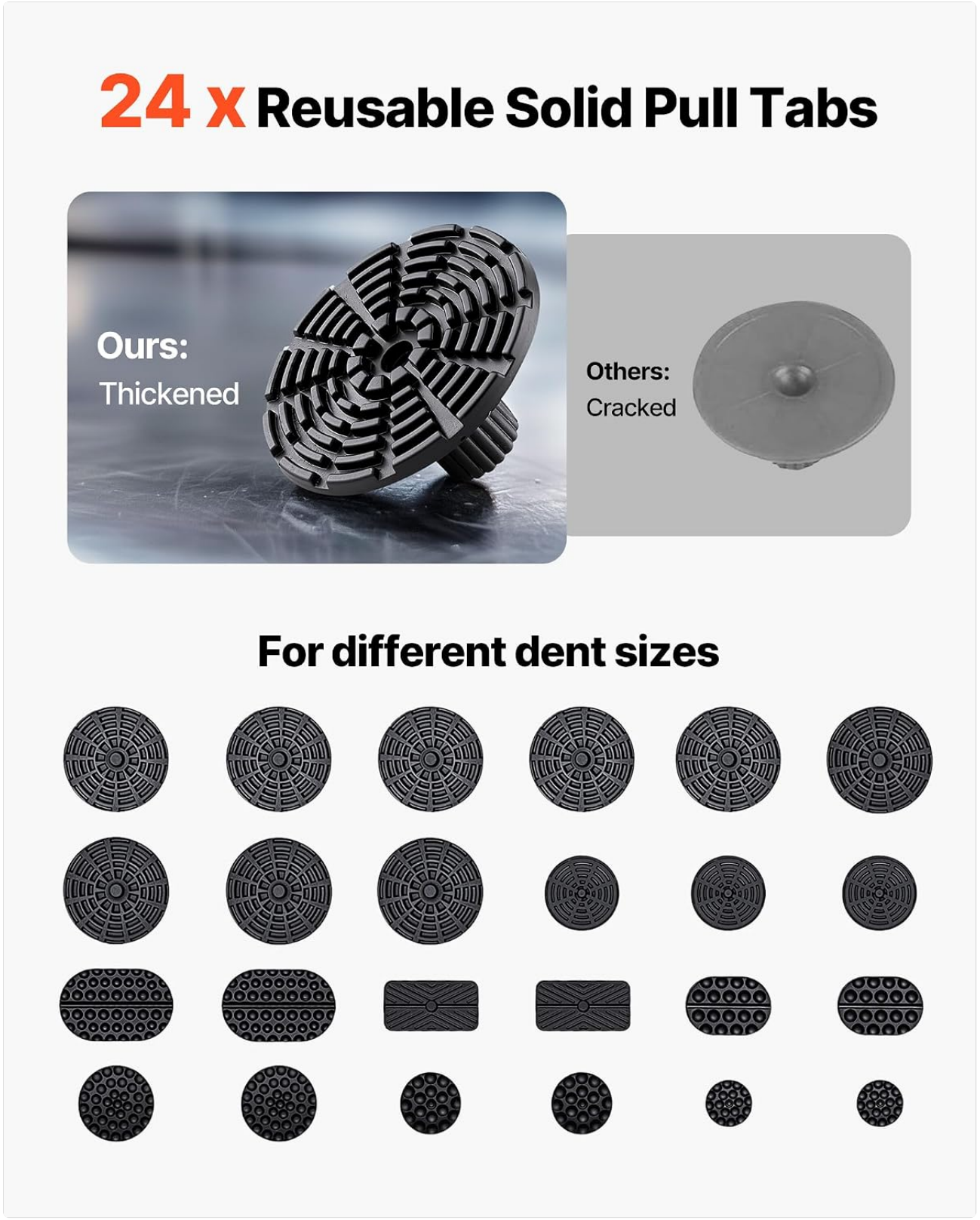

Image: Selection of 24 reusable solid pulling tabs for different dent sizes, emphasizing their thickened design.

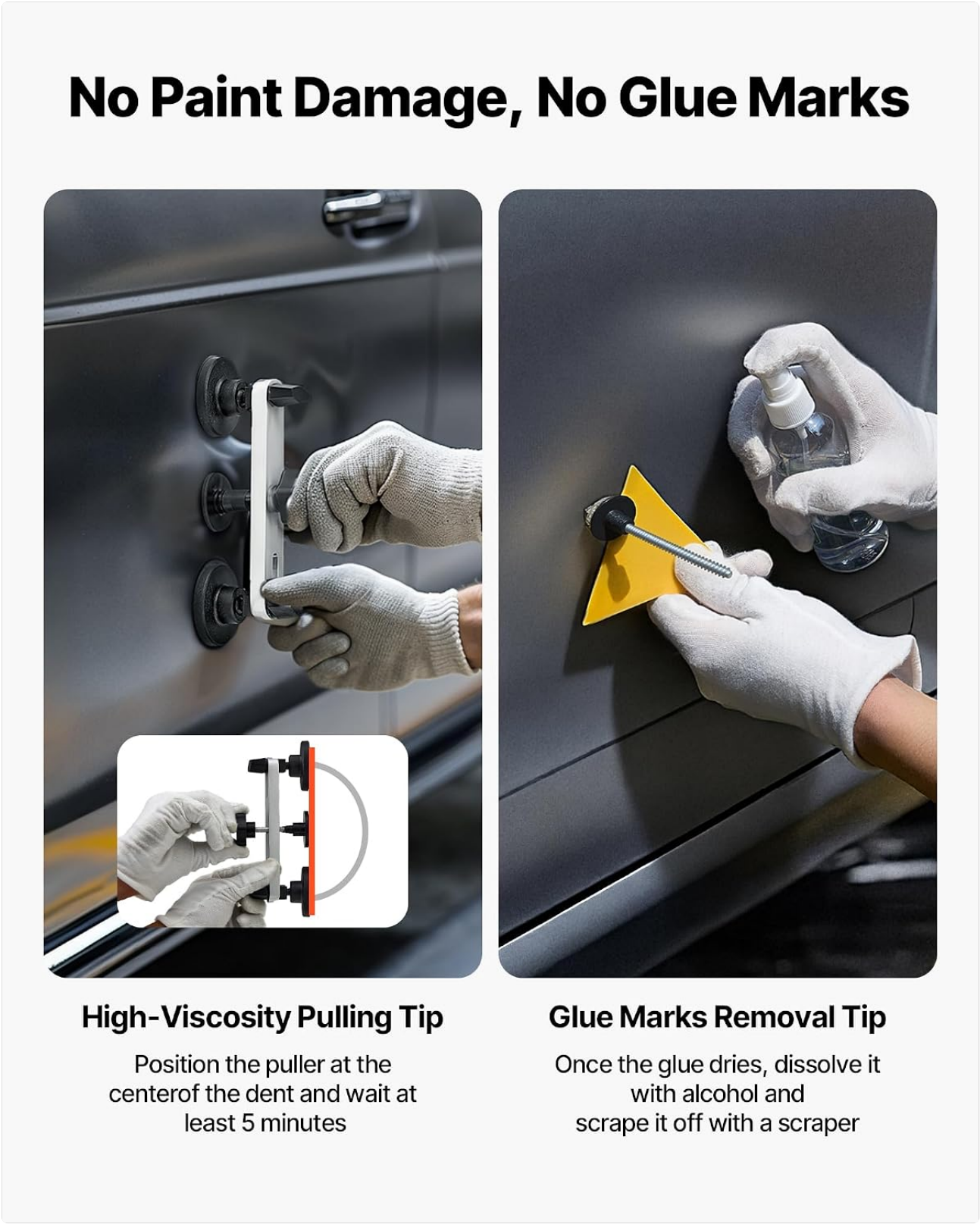

Image: Demonstrating high-viscosity pulling tip application and clean glue mark removal.

Versatile Application

This kit is suitable for non-destructive repair of metal panels on various items, including:

- Cars
- Motorcycles
- Refrigerators
- Washing Machines

Note: This kit is not recommended for dents on corners, creases, or heavily damaged areas. Always ensure the

surface is clean and dry before application.

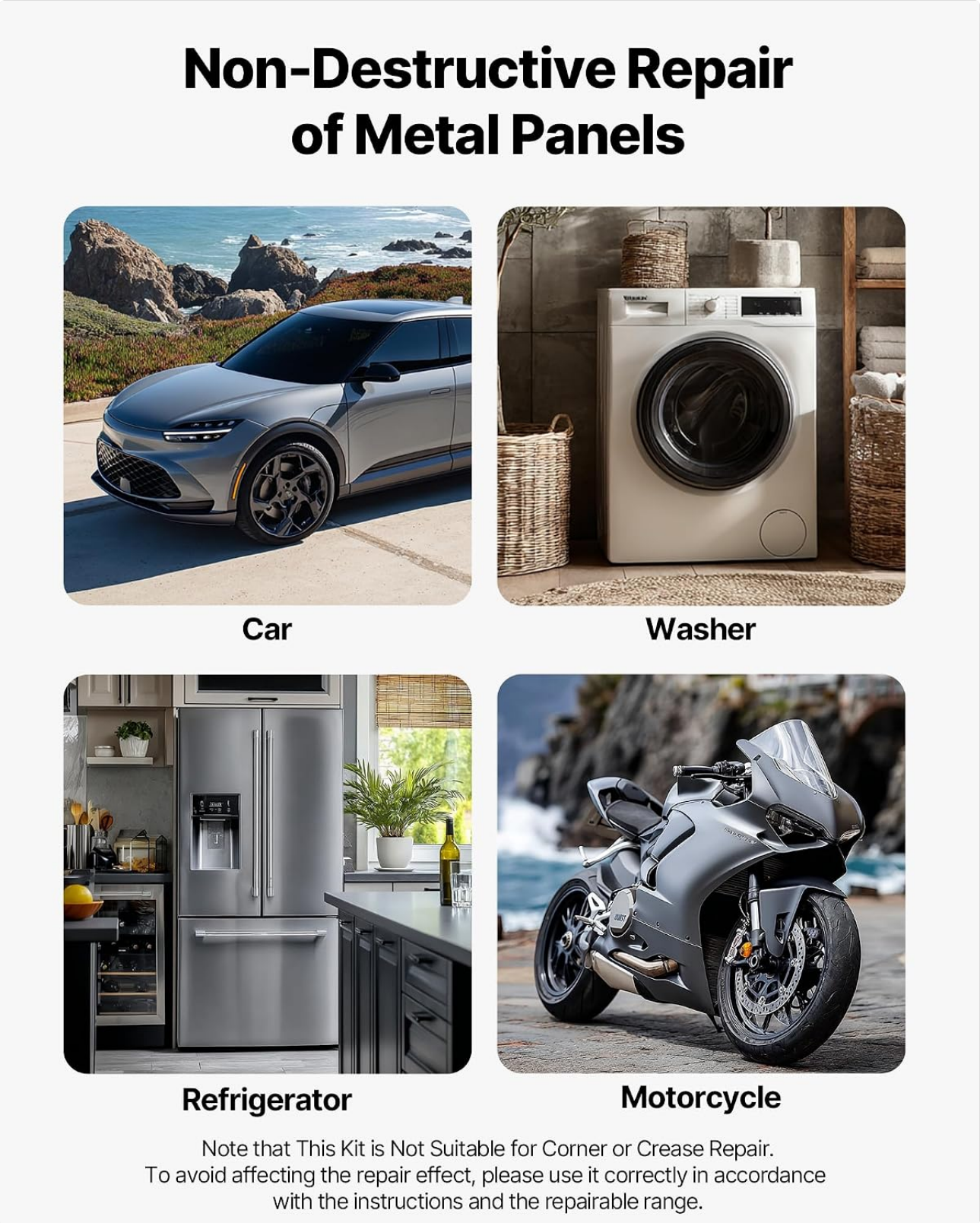

Image: Examples of non-destructive repair on various metal panels, including vehicles and home appliances.

Maintenance

- After each use, clean all tools, especially the pulling tabs and glue gun nozzle, to remove any glue residue. Use rubbing alcohol for effective cleaning.
- Store the kit components in a dry, cool place, away from direct sunlight and extreme temperatures.
- Inspect tools regularly for any signs of wear or damage. Replace damaged components as needed.

Troubleshooting

- **Dent not pulling out:** Ensure the surface was clean and dry before applying the tab. Allow sufficient time for the glue to cool and harden (5-8 minutes). Try a larger pulling tab or repeat the process.
- **Tab detaches prematurely:** This usually indicates insufficient glue, improper surface preparation, or not enough cooling time. Re-clean the area, apply more glue, and wait longer.
- **Glue residue left on surface:** Use rubbing alcohol and the scraper to gently remove any remaining glue. Do not use sharp objects that could scratch the paint.
- **High spots after dent removal:** Use the rubber hammer and repair pens to gently tap down any raised areas until the surface is smooth.

Specifications

Model Number	SY-020
Net Weight	1.4 kg (including all accessories)
Glue Gun Voltage	100-240 V
Glue Gun Power	20 W
Product Dimensions (L x W x H)	19 x 8.51 x 13.49 cm

Warranty and Support

For warranty information, technical support, or inquiries regarding your VEVOR Paintless Dent Repair Kit, please refer to the official VEVOR website or contact VEVOR customer service directly. Please have your model number (SY-020) and purchase details ready when contacting support.

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