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WEP WEP 960-V

WEP 960-V Plastic Welder Kit Instruction Manual

Model: WEP 960-V | Brand: WEP

1. INTRODUCTION

The WEP 960-V Plastic Welder Kit is a versatile tool designed for repairing cracks in various plastic materials, including ABS plastics found in car bumpers, plastic gas tanks, and car dashboards. This hot stapler system allows for quick and effective joining of broken plastic pieces using heated staples. Its compact design and built-in LED lights make it suitable for a wide range of repair environments.



Image: The VEP 960-V Plastic Welder Kit, showcasing the main unit and the four types of hot staples included for different repair needs.

2. SAFETY PRECAUTIONS

WARNING: Failure to follow these safety instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** This product is rated for 110-127V USA specifications. Do not connect this iron to a 220V power socket. Ensure the power cord is in good condition and not damaged.
- **Ventilation:** Plastic welding generates fumes. Always work in a well-ventilated area and wear an appropriate respiratory mask for protection.
- **Personal Protective Equipment (PPE):** Wear heat-resistant gloves and eye protection to prevent burns and eye injury from hot staples and molten plastic.
- **Hot Surfaces:** The stapler tips and staples become extremely hot during operation. Avoid direct contact with

skin. Allow the tool to cool completely before handling staples or storing.

- **Overheating Protection:** The plastic stapler is equipped with protection functions to prevent potential overheating. If the tool stops working, allow it to cool down before resuming operation.
- **Children and Pets:** Keep the tool out of reach of children and pets.

3. PACKAGE CONTENTS

Verify that all items are present in your WEP 960-V Plastic Welder Kit:

- 1 x WEP 960-V Plastic Welder
- 200 x Hot Staples (50 each of outer corner, inner corner, small/straight, and large/curved cracks)
- 1 x Pliers (for cutting excess staple material)

4. PRODUCT OVERVIEW AND FEATURES

The WEP 960-V is designed for efficiency and ease of use:

- **Fast Heating:** The tool heats up rapidly, ready for use in approximately 3 seconds.
- **Built-in LED Lights:** Integrated LED lights provide consistent illumination directly on the weld point, improving visibility in low-light environments.
- **Ergonomic Design:** The tool is designed for comfortable handling during extended use.
- **Variety of Staples:** Includes four types of hot staples to address different crack shapes and sizes, ensuring strong repairs.

Fast Heating

Ready for
use in

3 seconds



Image: The WEP 960-V Plastic Welder demonstrating its fast heating capability, ready for use in just 3 seconds.

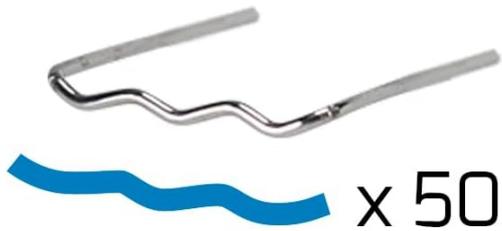
Built-in LED Lights



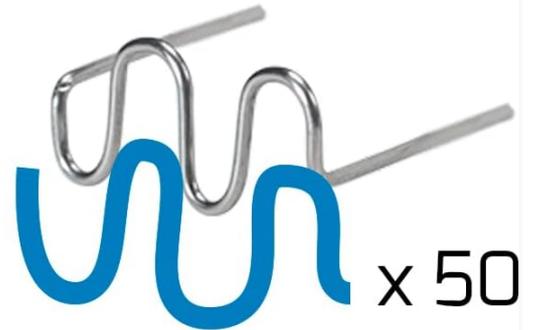
Image: A hand holding the WEP 960-V Plastic Welder, with its built-in LED lights clearly illuminating the area around the staple tips.

1

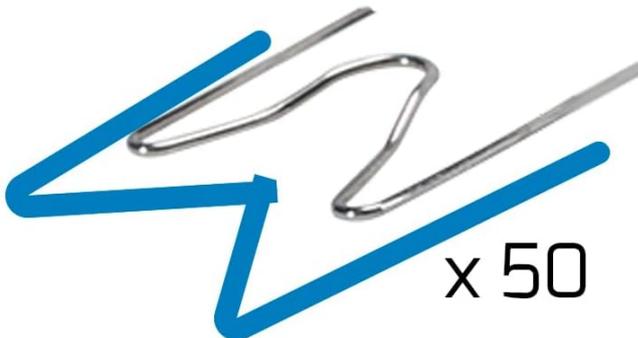
Small Cracks

**2**

Large Cracks

**3**

Outer-Corner

**4**

Inner-Corner

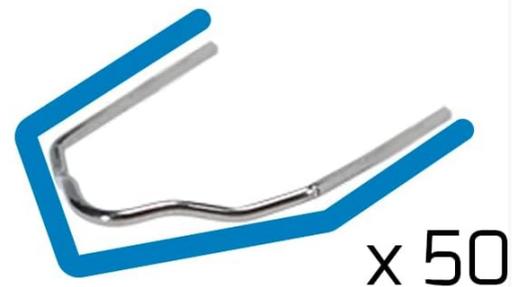


Image: A visual representation of the four different types of hot staples included with the kit: small cracks, large cracks, outer-corner, and inner-corner, each with a quantity of 50.

5. SETUP

1. **Unpack:** Carefully remove all components from the packaging.
2. **Inspect:** Check the plastic welder and accessories for any signs of damage. Do not use if damaged.
3. **Power Connection:** Connect the 110V power cord to a suitable power outlet. The cord length is approximately 53.9 inches (137 cm).
4. **Staple Installation:** Ensure the hot stapler is completely cooled before installing a staple. Select the appropriate staple type for your repair. Insert one staple into the two metal tubes at the front of the welder.

Plug & Play



Image: The WEP 960-V Plastic Welder connected to its power cord, illustrating its 'Plug & Play' design.

6. OPERATING INSTRUCTIONS

Follow these steps for effective plastic welding:

1. **Prepare the Area:** Ensure the plastic surface to be repaired is clean and free of debris. Secure the broken plastic pieces together if possible.
2. **Install Staple:** With the welder unplugged or cooled, insert the chosen hot staple into the welding tips.
3. **Position the Welder:** Place the staple in contact with the plastic crack, ensuring it bridges the gap effectively.
4. **Activate Heating:** Press and hold the activation button. The staple will heat rapidly.
5. **Embed the Staple:** As the staple heats, gently push it into the plastic until it is embedded to the desired depth. The final result depends on the duration of activation and penetration depth.
6. **Release and Cool:** Release the activation button and hold the staple in place for a few seconds to allow the plastic to cool and solidify around it.

7. **Remove Excess:** Once the plastic has cooled and the staple is firmly embedded, use the included pliers to cut away any excess staple material protruding from the surface.
8. **Finish (Optional):** For a smoother finish, you may sand or polish the repaired area.

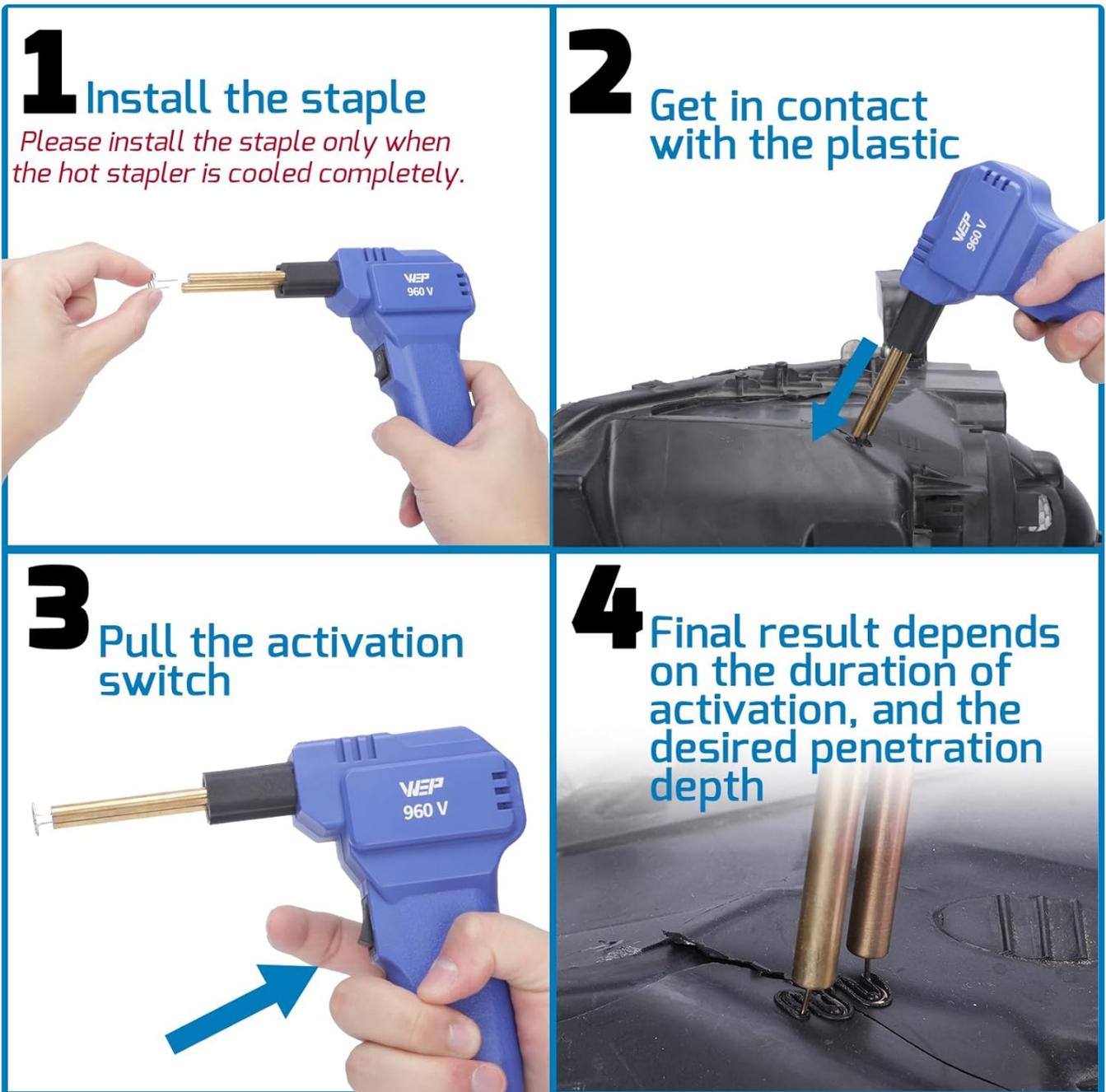


Image: A four-panel illustration demonstrating the usage steps: 1. Install the staple, 2. Get in contact with the plastic, 3. Pull the activation switch, 4. Final result depends on duration of activation and desired penetration depth.

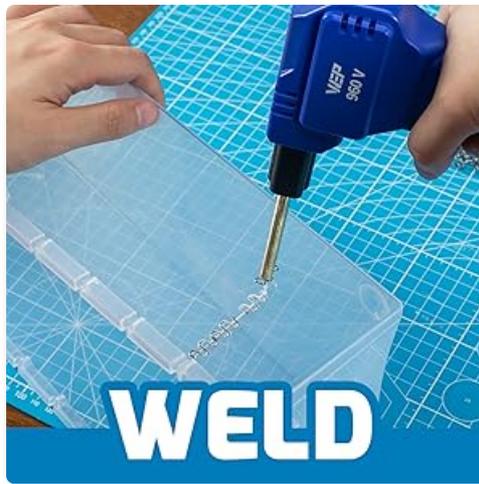


Image: A close-up showing the staple being embedded into a clear plastic container, labeled 'WELD'.



Image: A close-up showing pliers being used to cut off the excess ends of an embedded staple, labeled 'SNAP'.



Image: A close-up showing a sanding block being used to smooth the surface of the plastic after staple embedding, labeled 'POLISH'.

7. MAINTENANCE AND CARE

- **Cleaning:** Ensure the tool is unplugged and completely cool before cleaning. Wipe the exterior with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the plastic welder and staples in a dry, cool place, away from direct sunlight and moisture.
- **Staple Management:** Keep staples organized by type to ensure easy access for future repairs.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Welder does not heat up.	No power, overheating protection activated, faulty unit.	Check power connection. Allow tool to cool down if recently used. If problem persists, contact support.
Staples do not embed properly.	Insufficient heating time, incorrect staple type for plastic, pushing too hard/soft.	Hold activation button longer. Ensure correct staple type is used. Adjust pressure and technique.
Excess staple material is difficult to cut.	Plastic not fully cooled, pliers not sharp.	Allow plastic to cool completely before cutting. Ensure pliers are clean and sharp.

9. TECHNICAL SPECIFICATIONS

- **Model:** WEP 960-V
- **Power Source:** AC
- **Voltage:** 110-127 Volts (USA specifications)
- **Item Weight:** Approximately 1.48 pounds
- **Product Dimensions:** Approximately 5.75 x 1.57 x 6.42 inches
- **Manufacturer:** Guangzhou Yihua Electronic Equipment Co., Ltd.

10. WARRANTY AND SUPPORT

The WEP 960-V Plastic Welder Kit is covered by an exclusive 1-year USA technical support. For any questions, issues, or assistance, please contact our dedicated support team. We offer 24-hour assistance to ensure your satisfaction.

For support, please refer to the contact information provided with your purchase or visit the official WEP website.