

Saker GJ114352-E037

Saker Cordless Plastic Welder Kit User Manual

Model: GJ114352-E037 | Brand: Saker

1. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the Saker Cordless Plastic Welder Kit. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Personal Protective Equipment (PPE):** Always wear appropriate safety glasses and heat-resistant gloves when operating the welder.
- **Ventilation:** Use the tool in a well-ventilated area. Plastic welding can produce fumes.
- **Hot Surfaces:** The welding tip and staples become extremely hot during operation. Avoid direct contact with skin. Allow the tool to cool completely before handling or storing.
- **Flammable Materials:** Keep the work area clear of flammable liquids, gases, or materials.
- **Children and Bystanders:** Keep children and bystanders away while operating the tool.
- **Battery Safety:** Use only the provided USB-C charging cable. Do not expose the battery to extreme temperatures or disassemble it.
- **Overheat Protection:** The tool features built-in overheat protection. If the internal temperature reaches 158°F (70°C), the tool will shut off automatically to prevent damage. Allow it to cool before resuming use.
- **Automatic Shut-Off:** The unit automatically powers down after approximately 10 minutes of idle time to conserve battery and enhance safety.

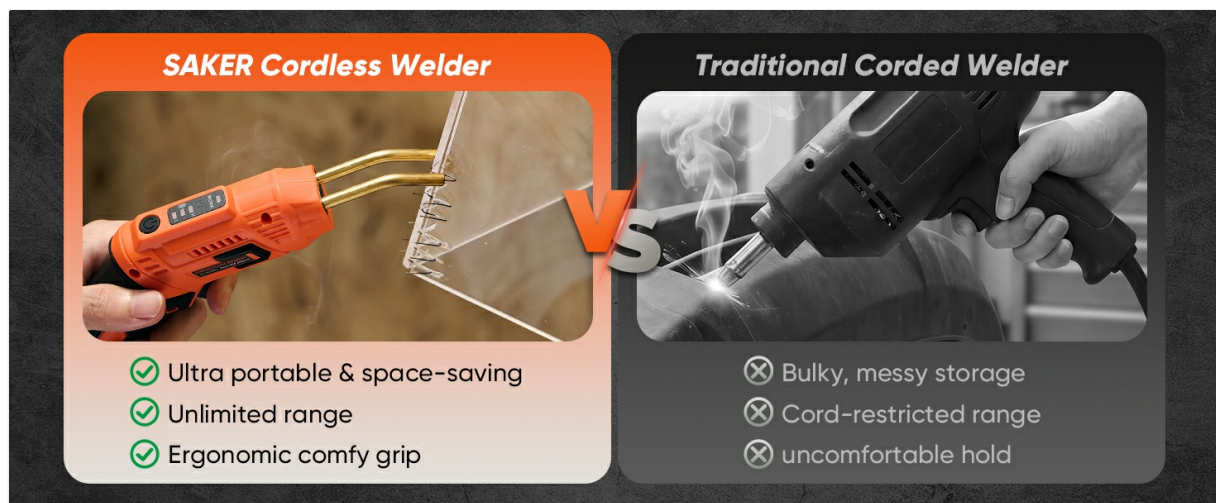


Image: The Saker Cordless Plastic Welder highlighting its safety features including auto shut-off and overheat protection.

2. PRODUCT OVERVIEW

The Saker Cordless Plastic Welder Kit is designed for efficient and portable plastic repair. It features a cordless design, rapid heating, and multiple temperature settings for various plastic materials.

Key Features:

- **Cordless Operation:** Provides freedom to repair plastics anywhere without power outlet restrictions.
- **Rapid Heating:** Heats up in approximately 3 seconds.
- **Three Temperature Modes:** Adjustable settings for different plastic types:
 - Green: 1112°F (600°C) - High
 - Yellow: 932°F (500°C) - Medium
 - Red: 752°F (400°C) - Low
- **Safety Features:** Auto shut-off after 10 minutes of inactivity and overheat protection at 158°F (70°C).
- **Integrated LED Work Light:** Illuminates dark repair areas for improved visibility.
- **Ergonomic Design:** Lightweight and comfortable handle reduces hand fatigue.
- **USB-C Fast Charging:** Built-in 2000mAh battery charges in about 1 hour, providing 2-3 hours of intermittent use.

Professional Plastic Welder

3s
Fast Heating



Image: The Saker Cordless Plastic Welder demonstrating its rapid heating capability and adjustable temperature settings.

SAKER Cordless Welder		Traditional Corded Welder
✔ Ultra portable & space-saving	 Portability	✘ Bulky, messy storage
✔ Unlimited range	 Range Limitation	✘ Cord-restricted range
✔ Ergonomic comfy grip	 Grip Comfort	✘ uncomfortable hold

*Model digitally generated by AI for illustration

Image: A visual comparison highlighting the portability and ergonomic advantages of the Saker Cordless Welder over traditional corded models.

3. PACKAGE CONTENTS

Verify that all items are present in your Saker Cordless Plastic Welder Kit:

- 1 x Cordless Plastic Welder
- 1 x File
- 1 x Utility Knife
- 1 x Cutting Pliers
- 400 x Repair Staples (various types: wave, flat, outside corner, inside corner)
- 1 x Type-C Charging Cord

- 1 x User Manual (this document)
- 1 x Portable Storage Box



Image: All components included in the Saker Cordless Plastic Welder Kit, neatly organized in its storage case.

4. SETUP AND CHARGING

4.1 Initial Charging

Before first use, fully charge the plastic welder. Connect the provided Type-C charging cord to the welder's USB-C port and to a compatible 5V/2A USB power adapter (not included). A full charge takes approximately 1 hour.



Image: The Saker Cordless Plastic Welder connected via its USB-C port for charging.

4.2 Powering On/Off

Press and hold the power button to turn the unit on or off. The battery display will illuminate to indicate charge level.

5. OPERATING INSTRUCTIONS

5.1 Selecting Temperature Mode

To switch between temperature settings, press and hold both the heating trigger and the power button simultaneously. The indicator light will change color:

- **Green:** 1112°F (600°C) - For materials requiring higher heat.

- **Yellow:** 932°F (500°C) - For general purpose plastic repair.
- **Red:** 752°F (400°C) - For delicate plastics or lower melting point materials.

5.2 Choosing the Right Staple

The kit includes various staple types designed for different crack configurations:

- **Wave Staples:** For fine straight cracks.
- **Flat Staples:** For wide curved cracks.
- **Outside Corner Staples:** For external corner repairs.
- **Inside Corner Staples:** For internal corner repairs.



Image: Illustration of various staple shapes and their recommended uses for different types of plastic damage.

5.3 Welding Process

Follow these steps for effective plastic repair:

1. **Select Staple:** Choose the appropriate staple type for the crack.
2. **Load Staple:** Ensure the welder is cool. Insert the chosen staple into the two parallel posts of the welding tip.
3. **Preheat:** Position the staple over the crack. Press and hold the heating trigger for approximately 3 seconds to preheat the staple.
4. **Weld:** Gently press the heated staple into the plastic across the crack until it is embedded about one-

third of the way through the plastic's thickness.

5. **Release:** Twist and pull the tool to release the staple from the welding tip. Allow the staple to cool and solidify within the plastic.
6. **Trim:** Use the cutting pliers to trim off any protruding ends of the staple.
7. **Grind:** Use the file to smooth the welded area for a cleaner finish.



Image: A five-step visual guide demonstrating the plastic welding process from staple selection to grinding the repaired area.

5.4 Applications

The Saker Cordless Plastic Welder is suitable for repairing various plastic items, including:

- Automotive bumpers and interior plastic parts.
- Motorcycle fairings and plastic components.
- Plastic toys and household items.
- Gardening tools and equipment.
- Trash bins and other plastic containers.
- Various daily plastic supplies.

Suitable for various repair scenarios



**Model digitally generated by AI for illustration*

Image: Collage showing the Saker Cordless Plastic Welder being used for repairs on a car bumper, motorcycle, plastic toys, gardening tools, a trash bin, and other daily plastic items.

Your browser does not support the video tag.

Video: An official product video demonstrating the features and use of the Saker Cordless Plastic Welder.

6. MAINTENANCE

6.1 Cleaning

Ensure the tool is unplugged and completely cool before cleaning. Wipe the exterior with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Keep the welding tip free of plastic residue for optimal performance.

6.2 Storage

Store the Saker Cordless Plastic Welder Kit and its accessories in the provided portable storage box in a dry, cool place, away from direct sunlight and out of reach of children.

7. TROUBLESHOOTING

- **Tool not heating:** Ensure the battery is charged. Check that the staple is correctly inserted into the welding posts.
- **Tool shuts off unexpectedly:** This may be due to the automatic shut-off feature (after 10 minutes of inactivity) or the overheat protection (if internal temperature reaches 158°F/70°C). Allow the tool to cool down if overheated, then restart.
- **Battery not charging:** Verify the USB-C cable is securely connected to both the welder and the power adapter. Ensure the power adapter is functional.
- **Staples not embedding properly:** Ensure the correct temperature setting is selected for the type of plastic being repaired. Apply consistent pressure.

8. SPECIFICATIONS

Feature	Specification
Brand	Saker
Model Number	GJ114352-E037
Power Source	Battery Powered
Battery Capacity	2000mAh
Charging Time	Approx. 1 hour (with 5V/2A adapter)
Operating Time	2-3 hours (intermittent use)
Temperature Modes	3 (752°F, 932°F, 1112°F)
Heating Time	3 seconds
Auto Shut-Off	After 10 minutes of inactivity
Overheat Protection	Shuts off at 158°F (70°C)
Item Length	7.8 inches
Included Components	Plastic Welder, File, Utility Knife, Cutting Pliers, 400 Repair Staples, Type-C Charging Cord, User Manual, Storage Box

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact Saker customer service directly. Contact details can typically be found on the product packaging or the official Saker website.

