DO THE JOB RIGHT.®

Item #13650

HOT STAPLER PLASTIC REPAIR SYSTEM

INSTRUCTIONS

The **EASTWOOD HOT STAPLER** is a professional plastic repair system designed for creating solid, permanent repairs of breaks, cracks and tears in rigid and flexible plastic parts. Repair bumper covers, door panels, consoles, plastic toolboxes, housings and more all with one convenient, fully equipped kit. It features a three-level heat setting for strong repairs in virtually any plastic material, hardness or thickness. Just plug it in and go.

CONTENTS

- **(1)** Hot Staple Gun
- **(1)** Power Unit
- **(1)** 6' Power Cord
- **(1)** Spare F8AL250v, 5mm x 20mm, 8 amp, 250 Volt, fast-blow fuse
- **(100)** #13650A, 0.8mm Heavy Duty, "Flat" Stainless Steel Staples
- **(100)** #13650B, 0.8mm Heavy Duty, "Wave" Stainless Steel Staples
- **(100)** #13650C, 0.8mm Heavy Duty, "Corner" Stainless Steel Staples
- **(1)** Plastic and Metal Storage Case

SAFETY INFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided with this product:

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

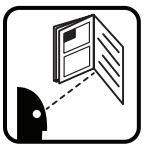
WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

⚠ NOTICE

NOTICE is used to address practices not related to personal injury.



⚠ READ INSTRUCTIONS

- Thoroughly read and understand these product instructions before using the Hot Stapler Plastic Repair System.
- Keep these product instructions for future reference.

⚠ WARNING BURN HAZARD!

- Contact with the Hot Staple Gun prongs and hot Staples can cause serious burns.
- This tool generates high heat in the dual prong and staple area which can exceed 400°F. Use extreme caution when mounting staples and never touch dual prongs or staples when switch is on. Allow sufficient time for cooling before touching repaired area. Wear protective heat-resistant gloves when using this tool.

⚠ WARNING SHOCK HAZARD!

- This tool generates heat in the dual prong and staple area by energizing the dual prongs and staples with an electrical current. Never touch dual prongs or staples when switch is on. Remove all metal rings and jewelry when in use.

⚠ WARNING RESPIRATORY HAZARD!

- Melted plastic and adhesives can release hazardous or toxic substances. Breathing these fumes can cause many serious respiratory health conditions. Always use NIOSH approved respiratory protection while using this Hot Stapler Plastic Repair System.

⚠ CAUTION EYE INJURY HAZARD!

- Hot plastic may be ejected when inserting hot Staples. Eye protection should be worn at all times when operating this tool. Use ANSI approved safety glasses. Everyday eyeglasses are NOT safety glasses.

⚠ CAUTION FALL HAZARD!

- Staples may suddenly release while the Hot Staple Gun is being released. Failure to ensure proper footing can quickly result in a fall which could inflict serious personal injury or property damage.

⚠ CAUTION INJURY HAZARD!

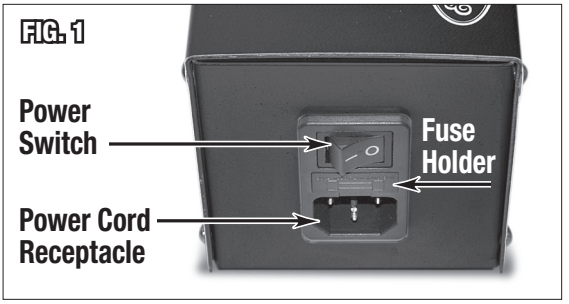
- **DO NOT** use the Eastwood Hot Staple Gun repairs to support the weight of a person or valuable property as serious injury or property damage may occur.

⚠ CAUTION FIRE HAZARD!

- **DO NOT** use on or near flammable materials or vapors. Avoid hot staple contact with adhesives.

ASSEMBLY

- Plug the 6' Power Cord into the receptacle on the switch side of the Power Unit **(FIG 1)**.



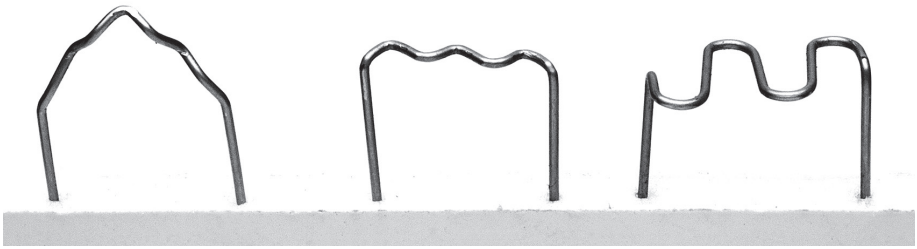
PREPARATION

- Always clean the plastic part surface being repaired of any grease, dirt, film or other contaminates before beginning.
- Support the part being repaired with all pieces or cracks in the original configuration. Clamping or "blocking" parts into place may be helpful. Modeling clay or putty can be used to support irregular shaped parts.
- Plan your work before beginning, deciding which type of staple will work best on specific damage. If possible, test operation on a scrap piece of similar material.

STAPLE SELECTION

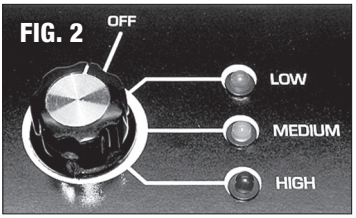
NOTE: For best results use only Eastwood Replacement Staples.

- **Corner Staples** are excellent for reinforcing cracks at inside corners, curved areas and other complex shapes where a Flat or Wave Staple will not fit.
- **Flat Staples** are best for smaller cracks in rigid plastics and bridging tears in flexible plastics or pulling together pre-stressed, difficult to close cracks.
- **Wave Staples** are best for larger, longer cracks and complete breaks in rigid plastic.



Corner **Flat** **Wave**

MAKING REPAIRS IN PLASTIC PARTS



- Switch the main "ON/OFF" Rocker Switch on the side of the Power Unit to the "OFF" position **(FIG 1)**.
- Plug the power cord into a 120V AC, 60Hz grounded outlet.
- Set the Temperature knob to suit the material being repaired **(FIG 2)** (the light next to the chosen setting will illuminate only when plugged in and powered "ON"). **NOTE:** Testing on a scrap piece of similar material is advisable to determine the correct heat setting.
  - **"L"** (Low) for thinner and softer plastics.
  - **"M"** (Medium) for thicker and semi-rigid plastics.
  - **"H"** (High) for thick and hard plastics.

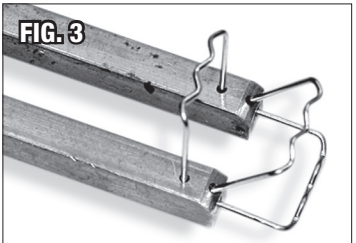
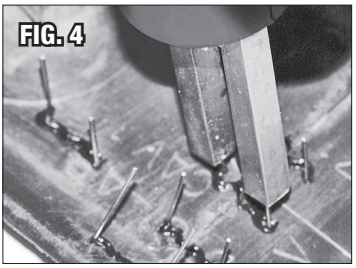


Photo to illustrate location purposes only – only load one staple at a time

⚠ CAUTION **BURN & SHOCK HAZARD! Be sure the "ON/OFF" Rocker Switch is in the "OFF" position before loading Staples.**



- Place the desired staple configuration into one of three hole locations in the Contact Prongs, choosing the hole location that provides the best access to the damage **(FIG 3)**. **NOTE:** Photo to illustrate location purposes only, only load one staple at a time.
- Switch the "ON/OFF" Rocker Switch to the "ON" position (selected heat setting light will illuminate GREEN, AMBER or RED).
- Press and hold the Heat Button on the Staple Gun for 10 seconds allowing the Staple to achieve full heat.
- Carefully press the heated staple gently into the plastic keeping the staple parallel and square to the surface **(FIG 4)**.

⚠ CAUTION

On *thinner* and *softer* materials, it is very easy to burn through to the outer surface, do not use excessive force. NOTE: On *harder* and *thicker* materials only, it may be helpful to slightly "twist" the staple into the material.

- When the Staple is satisfactorily burrowed into the material, release the Heat Button, wait several seconds to allow the molten plastic to firm up then withdraw the Staple Gun from the Staple. **NOTE:** For longer cracks, it is best to start on the open end and work toward the unbroken area. Place staples at approx. 1" intervals, filling space between with additional staples as required to achieve sufficient strength in repaired part.
- For complete breaks, start at the ends of the break and work toward the center alternating sides as you go. Place staples at approx. 1" intervals, filling space between with additional staples as required to achieve sufficient strength in repaired part.
- When done, it is strongly recommended that the staple legs be cut off with side cutters then ground down to the repaired surface area as cut edges of staples will be extremely sharp and will inflict cuts and scratches.

⚠ CAUTION
Wear appropriate eye protection when grinding cut staple legs.

TOOL MAINTENANCE

⚠ CAUTION **BURN & SHOCK HAZARD!**
Be sure the power switch is in the "OFF" position and the Power Unit is unplugged before performing maintenance on unit.

- Keep Contact Prongs of Staple Gun clean and free of debris and melted plastic paying particular attention to the staple insertion holes.

TROUBLESHOOTING

PROBLEM	CAUSE	CORRECTION
Unit Does Not Turn On (Low/Med/High lights do not illuminate)	No Electrical Power to Power Unit	Check 120 VAC input plug connection at wall receptacle and at the connection to the Power Unit.
	Fuse Has Burned Out	Replace fuse. To do so: **⚠ CAUTION SHOCK HAZARD!** **Be sure the "ON/OFF" Rocker Switch is in the "OFF" position and the Power Unit is unplugged before performing maintenance on unit.** • Remove 6' Power Cord connector from receptacle at the side of the Power Unit **(FIG 1)**. • Using a small screw driver, dislodge and pull out the Fuse Holder located on the side of the Power Unit between the "ON/OFF" Rocker Switch and the Power Cord Receptacle **(FIG 1)**. • Remove fuse from the Fuse Holder. • Replace fuse with an F8AL250v, 5mm x 20mm, 8 amp, 250 Volt, fast-blow fuse. **NOTE:** A spare fuse is provided within the square, hollow section of the Fuse Holder. • Slide the Fuse Holder back into the Fuse Holder slot.

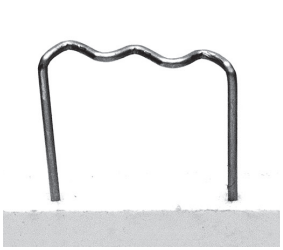
ADDITIONAL ITEMS

Replacement Staples:

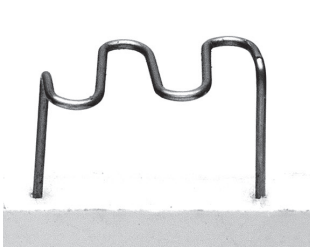
#13650A 0.8mm Heavy Duty, “Flat” Stainless Steel Staples, 100 Pieces

#13650B 0.8mm Heavy Duty, “Wave” Stainless Steel Staples, 100 Pieces

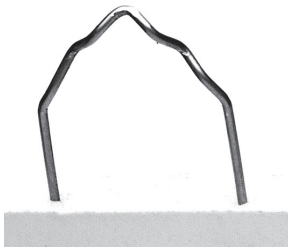
#13650C 0.8mm Heavy Duty, “Corner” Stainless Steel Staples, 100 Pieces



Flat



Wave



Corner

If you have any questions about the use of this product, please contact
The Eastwood Technical Assistance Service Department: 800.343.9353 >> email: tech@eastwood.com
PDF version of this manual is available at eastwood.com
The Eastwood Company 263 Shoemaker Road, Pottstown, PA 19464, USA
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