

Eastwood

DO THE JOB RIGHT.

Item #13650

HOT STAPLER PLASTIC REPAIR SYSTEM INSTRUCTIONS



The **EASTWOOD HOT STAPLER** is a precision engineered, professional plastic repair system designed to create 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. A three-level heat setting feature enables strong repairs in virtually any plastic material, hardness or thickness. Just plug it in and go.

WARNINGS

- **BURN HAZARD!** 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 appropriate, heat resistant work gloves and protective clothing
- Wear appropriate eye protection.
- Use in a well ventilated area and avoid breathing fumes from melted plastic.
- Do not use on or near flammable materials.
- Keep away from wet or damp areas.

INCLUDES

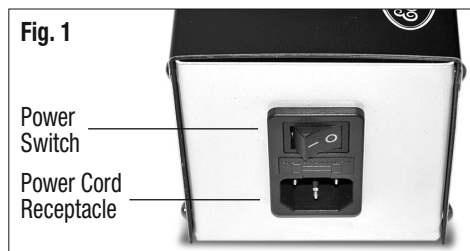
- (1) Hot Staple Gun.
- (1) Power Unit.
- (1) Power Cord.
- (100) #13650A, 0.8mm Heavy Duty, "Flat" Stainless Steel Staples.
- (100) #13650B, 0.8mm Heavy Duty, "Wave" Stainless Steel Staples.
- (100) #13650C, 0.8mm Heavy Duty, "Corner" Stainless Steel Staples.
- (1) Storage Case.

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 contaminants 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

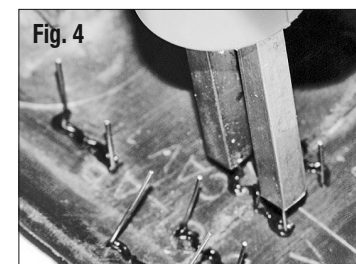
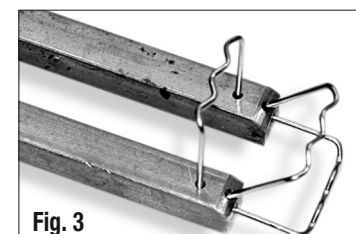
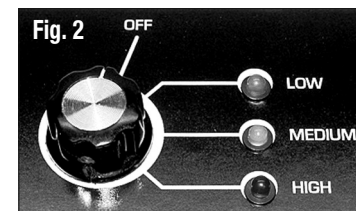
- **FLAT STAPLES** are best for smaller cracks in rigid plastics and bridging tears in flexible plastics or pulling together pre-stressed, difficult to close cracks.
- **WAVE STAPLES** are best for larger, longer cracks and complete breaks in rigid plastic.
- **CORNER STAPLES** are excellent for reinforcing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

MAKING REPAIRS

- Plug the power cord into a 120V AC, 60Hz grounded outlet.
- Switch the main Power Switch on the side of the Power Unit to the "On" position.
- Set the Temperature knob to suit the material being repaired (FIG 2). **NOTE:** Testing on a scrap piece of similar material is advisable to determine the correct heat setting.
- "Low" for thinner and softer plastics.
- "Medium" for thicker and semi-rigid plastics.
- "High" for thick and hard plastics.
- 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).
- 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) while continuing to hold the Heat Button.

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" apart, filling with additional staples if required. 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" apart, filling with additional staples if required.
- When done, the Staple legs can be cut off with side cutters then ground down to the repaired surface area. **CAUTION:** Wear appropriate eye protection. If not grinding away remainders of legs, exercise care when handling part to avoid scratches and cuts from sharp cut staple legs.



TOOL MAINTENANCE

- Keep Contact Prongs of Staple Gun clean and free of debris paying particular attention to the staple insertion holes.
- Should unit fail to turn on, unplug then remove screws attaching top of case to the base. Check fuse. If the fuse is burned, replace with an F8AL250v, 5mm x 20mm, 8 amp, 250 Volt, fast-blow fuse.

OPTIONAL 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.

