How to set up and use PLASTEX™

1. Fill the activator bottle by removing cap and snap tip from top of the bottle. Use pipette to remove activator from the bottle to the applicator bottle. Replace Snap cap on applicator bottle and place applicator tip to the top.

2. Remove tip or cap from repair powder bottle and gently squeeze powder in to cup and fill.




3. Prepare and clean original parts by removing dirt and oil using rubbing alcohol including grinding off any other repair material or glues previously tried. **Tip:** Do not use Acetone or harsher chemicals to clean most plastics as it will soften or weaken the original plastic.

4. Apply Plastex by gently squeezing one to two drops of activator directly in to powder cup. Bring applicator tip at an angle and pick up sphere where activator was dropped. Move sphere to repair area. Gently squeeze applicator bottle to release and flow Plastex to repair area. Do not mix. Plastex does not have a mixing ratio to worry about.

TIPS: This is the BEST way to apply Plastex! Note: The hole of the activator tip is not on the end and it slightly above to avoid clogging. If applicator tip should become clogged you can use a small sewing needle to unclog original hole. If working with larger repair areas you can also add repair powder first and completely saturate using Plastex Activator. Note this may require multiple passes to ensure you are using enough powder and your repair is just as thick as the original part. The activator only activates the powder to make a bond, it has no strength on its own.

Different repairs using PLASTEX™

How to Repair Cracks and Fill Gaps

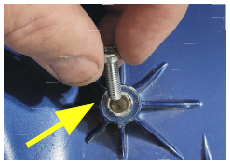
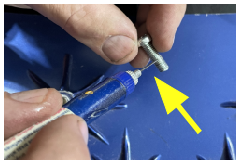
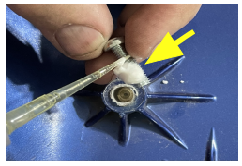
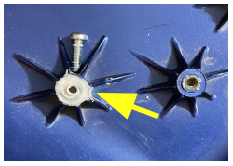
File or grind a "V" groove along cracked area. Place clear packaging tape on back side of repair to temporarily hold in place and keep Plastex from seeping through. If the part has more shape to it, you can also use the molding material to hold your parts instead of tape. Apply Plastex as needed to fill crack or gap. Allow Plastex to completely cure. Once cured, remove packaging tape and sand, file or paint as needed.

TIPS: Plastex cures in approx. 20-30 minutes @ 70°F/21°C. Thinner repairs or cooler temperatures will take longer to cure. Always make repairs as thick as base or original part. When possible always work from the back side to help reduce finish work of additional sanding etc.

How to use Plastex Reinforcement Cloth

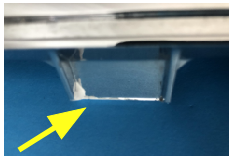
For areas that are brittle or prone to cracking, follow previous steps to fill a crack or hole above. Place clear packaging tape on one side of the reinforcement cloth. Flip the cloth to opposite side. Apply and cover cloth with repair powder and fully saturate with Plastex activator. Then place on repair area and press cloth into place. Allow Plastex to fully cure & remove clear tape.

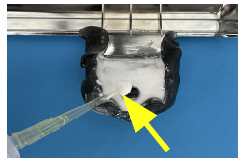
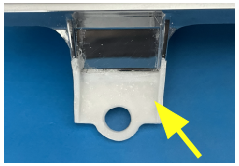
How to Repair Stripped Threads

Ensure hole is slightly larger than the threads of the screw. Apply a thin coat of lubricant to the thread & wipe off any excess. Apply Plastex to the threads as needed and place coated screw in prepared hole, allow Plastex to cure. Then simply back out the screw. TIPS: 3-In-One Oil or oiling pen works best.

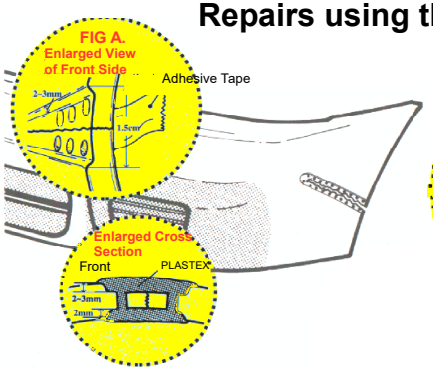
Repairs using Plastex Reusable Molding Bar

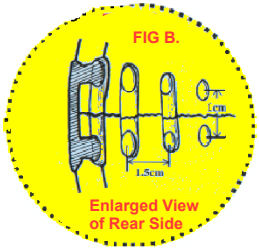


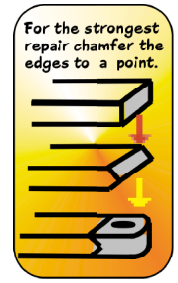



Heat molding bar to approx. 120°F / 49°C by placing on a non-stick pan or hot plate on warm setting. Remove warmed bar which should be soft. Apply to object to form a mold. Mold becomes firm again when cool. Once completely cooled, remove mold and transfer to repair area. Apply Plastex mixture as needed. Allow Plastex to cure until hard. Remove mold from repair. File, sand or paint as needed. **TIPS:** Use the Molding Bar to recreate textures on interior parts. It can also be used as a jigging material. **Warning:** Use caution when removing your molding bar from heat as it may be hotter than it needs to be. Let cool if it is too hot to handle to avoid injury.

Repairs using the Stitching Method







Use this method when using regular Plastex and the bond is poor (Polypropylene, Polyethylene or other types of materials that won't allow a chemical bond). Please see Plastex 3000 made specifically for those materials. Plastex 3000 does not require the stitching method. File or grind a groove along repair area. Drill small holes along sides approx. 1/2 inch apart of the repair. Apply clear packaging tape on the back of repair area to keep mixture from seeping through (Fig. A) Apply Plastex along the repair and into the holes as needed. Allow Plastex to cure and remove tape. If added strength is needed connect the holes on the opposite side. Grind a groove in the back side of the repair. Apply Plastex along the repair area (Fig. B) connecting the front to back. Let Plastex cure.