

Complete Dental Appliance Repair Kit Components and Detailed Instructions



This Kit Includes:

1. Gum shade powered acrylic
2. Liquid acrylic hardening agent (methacrylate) and eye dropper applicator
3. Stainless steel trimming scissors for trimming teeth veneers
4. Thermal setting plastic impression beads
5. 2 sided emery file
6. Plastic teeth veneers
7. Metal shaping/grooving file

How to Repair Cracks

To repair a broken **acrylic dental device**, mix a small amount of the acrylic power with a few drops of the liquid hardening agent. Apply the runny mixture into the cracks and allow 1 hour to harden.

It is not necessary to fill the cracks completely the first time you apply the acrylic. Feel free to mix up acrylic and fill cracks using layers after the first layer has hardened (around 60 minutes depending on room temperature).

If the dental device is cracked and not completely broken, or it is made of Flexible material (like Valplast) you may find that the thermal setting plastic beads are a better choice to repair your appliance. Put your appliance in a cup of boiling water and also set approximately the same volume (as the size of the crack) of the thermal beads in the cup of hot water with the appliance. Once the thermal beads turn clear (about 30 seconds if the water is over 150° F) remove them from the hot water and form the soft thermal plastic into the crack.

If you want, you can add additional thermal setting plastic over the cracked area by setting the dental appliance and thermal setting material in hot water. **You can remold the thermal setting beads using hot water as many times as you want** to get a better fit while at the same time fixing a crack in your dental device.

Replace Broken Teeth on Your Dental Device

Included in this kit are 10 plastic teeth veneers. They can be shaped with the stainless steel scissors and filed to fit perfectly in any denture, flipper, or partial.

Once you have selected and shaped the tooth veneer to fit into the desired location, you will need the thermal setting impression plastic beads.

Remove only **6-12 beads** from the package and drop them into a cup of boiling water. The fitting beads will turn clear and become soft for a few minutes. Remove the fitting beads from the cup with a **metal spoon** and dry of the excess water and attach the softened fitting material to the back of the tooth veneer. Then quickly press the tooth veneer into its desired location. Use a pointed object (such as the tip of the scissors) to remove any undesired fitting material that squeezes out around the veneer. When the fitting material hardens, it will turn white again.

Mix up a small amount of the acrylic powder with a few drops of the liquid hardening agent until you get a pancake batter consistency. Apply small amounts of the runny acrylic around the perimeter of the tooth veneer with a small object like a toothpick. Once you are happy with the pink acrylic coverage around the tooth veneer, allow one hour for the acrylic to cure before you put the dental device in your mouth. You will need a small coverage of the pink acrylic **around the entire perimeter** of your new tooth to hold the new tooth in place.

Re-line Your Denture or Flipper

The thermal setting plastic beads become very soft once they are heated to over 135°F in a cup of hot water. The thermal setting beads can be reheated as many times as you want.

To re-line a dental device, first pay attention to what portion of the dental device isn't fitting properly. **You only want to re-line that specific area, not the entire device.**

Rough up and try to make undercut grooves into the loose fitting area of the dental device with the metal file. These grooves will help the fitting plastic securely attach to the surface of the dental device. In addition, using the pointed tip of the scissors, drill small undercuts into the area you will be re-lining. The thermal setting plastic re-lining beads will not stick to some materials like acrylic and will need undercuts in the acrylic to hold securely to the dental device once the thermal re-lining material cools.

Once this is done, empty the packet of plastic fitting impression beads into a cup of boiling water. The beads will turn soft and clear very quickly. Remove them from the cup of hot water with a **metal spoon** and dry off the excess water. Press the softened fitting material over the groove marks of your dental device and quickly press the dental device into place against the roof of your mouth. The softened fitting material will take the shape and texture of the roof of your mouth giving you a good impression and improving the fit and suction of your dental device.

The thermal fitting plastic can be **re-molded as many times as you need** to improve the fit of your dental device. Simply drop your dental device into a cup of scalding hot water until the fitting plastic on the top of the dental device has turned clear. Then remove the dental device from the hot water and let it cool enough that you can press the dental device back into your mouth momentarily. remove the dental device and let it cool once you new impression has been made. You can repeat this step as many times as you need until you improve the fit.

*Note: There is enough fitting material in this package to re-line an average loose fitting denture. If you want more thermal fitting plastic beads, they can be purchased off the website instantsmileteeth.com.

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Warning - For emergency repairs only. Long term use of improperly repaired dentures may cause faster bone loss and irritation. See a dentist immediately. Keep this kit away from open flame.

