



The Most
Advanced
Technology In
Plastic Repair

INSTRUCTIONS
AND PROCEDURES
FOR

VINYL & LEATHER REPAIR

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INSTRUCTIONS FOR VINYL & LEATHER REPAIR

ITEMS REQUIRED FOR REPAIRING VINYL MATERIALS:

Heat Gun, Razor Blades, Wet Cloth
Pro Tech Patching Compound # VR803
Pro Tech Antistatic Plastic Prep #PP500

Use a razor blade to cut away all damaged, loose or frayed vinyl material.
The area around the intended repair should be cleaned with Pro Tech Antistatic Plastic Prep

Use the applicator included in kit to apply patching compound in thin layers.

NOTE: The thickness of the vinyl material determines the number of applications required.

After the patching compound has been applied, it must be “cured” by applying heat. When heat from a heat gun is applied the patching compound changes from a liquid to a solid that has tremendous adhering qualities, producing a weld like repair. When using the heat gun, hold the nozzle 1” (25mm) away from the vinyl surface you are repairing. **Pro Tech #VR803 PATCHING COMPOUND** is white in color in a liquid state and when heated begins to change to light gray then clear. When clear, it is completely cured. Curing time averages 20 seconds at Temperatures between 300F to 600F (149C to 316C). Press down on the vinyl material around the material with fingers during heat cure cycles to keep area flat. The vinyl material at the repair area must be cooled after each application before applying the next layer.

REGRAINING THE VINYL

To regrain the vinyl, apply heat to the last layer a little longer than the others or until the vinyl material around the application develops a shiny glazed appearance. At this point the heat gun should be removed and the **Pro Tech Graining Paper** should be pressed with force into the hot vinyl surface of the repair.

IMPORTANT NOTES ON PATCHING PROCEDURE

The patching compound will not cure or set up until heat is applied. Before applying heat, turn switch to hot and warm up the gun. If the heated air blast has a tendency to blow the patching compound out of the repair, move the gun back about 8” to 10” (20 1/2cm to 25 1/2cm), allowing the reduced air blast pressure to pre-heat the patching compound and slightly cure it before holding the gun nozzle at the required 1” (25mm) distance. Do not apply **Pro Tech #VR803 PATCHING COMPOUND** all at one time to fill the entire hole or gap. This is as a multiple layer procedure where alternate filling and curing is the correct method to get quality and strength.

FOAM RUBBER

When patching vinyl material supported by foam rubber, lay a wet cloth around the repair to control the expansion of the foam rubber. Thoroughly cool the entire repair area between the layers. The foam rubber under heat will expand faster than the vinyl under the repair unless controlled by a wet cloth.

VINYL ROOF REPAIRS

Razor – Type Cuts: To repair a razor-type cut in or through the vinyl, cut away 1/16” (2mm) of the vinyl the full length of the cut to permit room for **Pro Tech #VR803 PATCHING COMPOUND** thereby insuring a good strong weld.

Small Scuff, Cuts and Abrasions: If not completely through vinyl, apply one or two application, cool and recolor.

DASH PADS

These are usually foam rubber supported and at times split open deeply into the foam. To repair, first fill the crevice with cotton stopping just short of the vinyl surface. Apply **Pro Tech #VR803 PATCHING COMPOUND** in very light application so a fast cure can be obtained with a minimum amount of heat. Should vinyl at the patch rise up from the heat, just press it back into place with your fingers. Be sure to cool each application with a wet cloth or sponge, regrain, cool and recolor. On foam rubber supported vinyl use light pressure when regraining. Use same procedure on armrests when Foam Rubber supported.

LONG RIPS AND TEARS

Cut away frayed edges. Insert a piece of vinyl under the gap with the canvas side up. The vinyl insertion should extend the full length of the tear and should be 2" (50mm) wide. Apply contact cement to the canvas underside of the cushion vinyl on one full side of the tear; press downward and into the canvas of the reinforcement. It will stick at once. Repeat this procedure on the other side but pull the vinyl together. Before patching, use the heat gun to dry the glue vapors out of the material to prevent cracking.

BURNS

For cigarette burns sand around burn with No. 220 open coat sandpaper. Apply **Pro Tech #VR803 PATCHING COMPOUND** and use the same procedures as above.