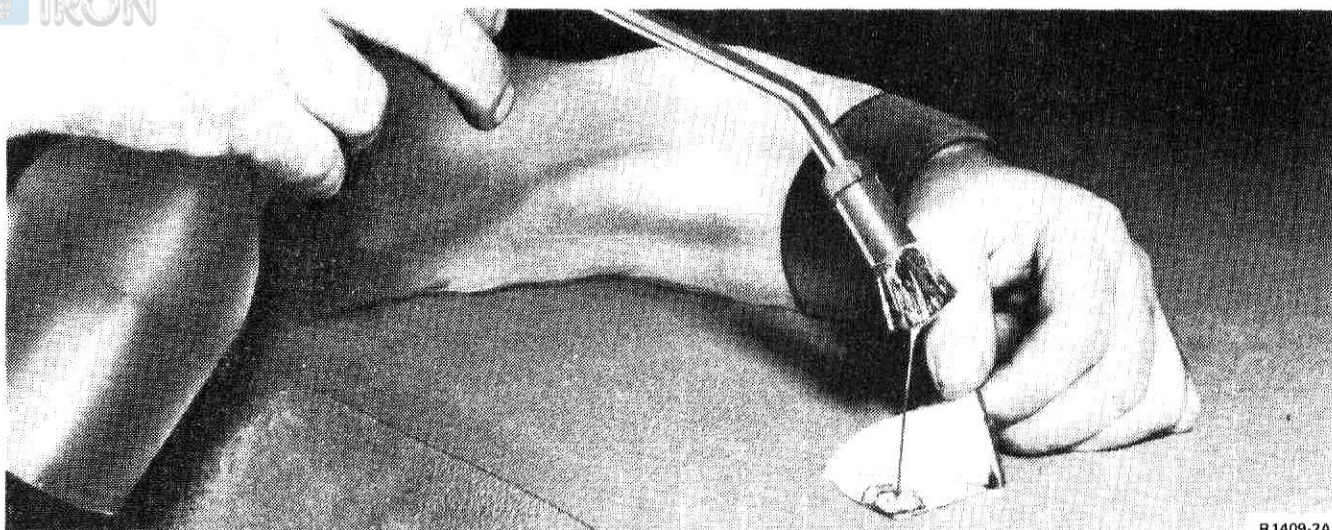
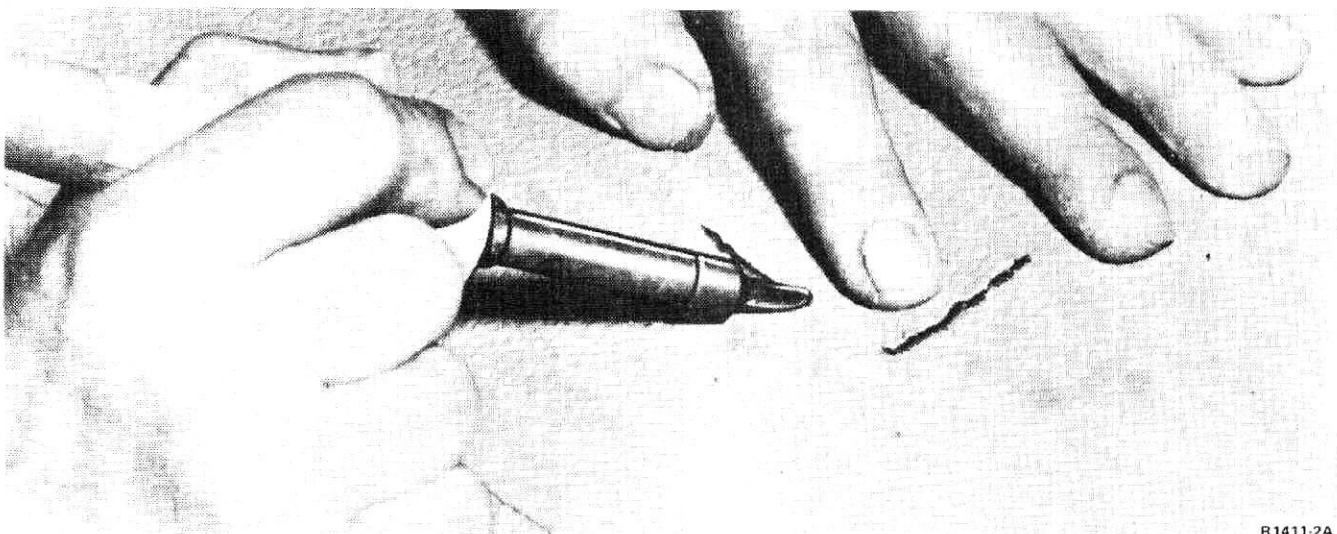




R1409-2A

FIG. 27 Application of Adhesive



R1411-2A

FIG. 28 Fusing Cut with Soldering Iron

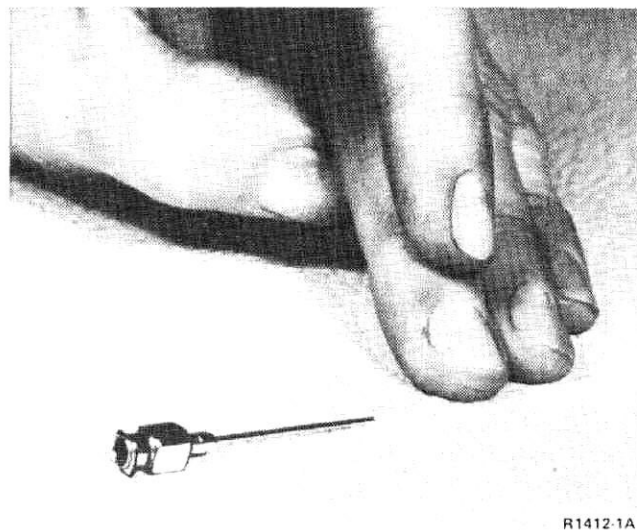
shown in Fig. 29. To avoid overheating and possible damage to the vinyl, hold the heat gun about 10 to 12 inches from the surface and constantly move the gun in a circular motion. In some cases where a good bond cannot be obtained, insert a small amount of adhesive. Part No. 19C525 under the vinyl material with a syringe as shown in Fig. 29.

Wrinkles

Do not confuse a wrinkle with a bubble. Usually a wrinkle has small radial folds with an excessive amount of slack material which cannot be displaced without rearranging the material. The following repair procedure, for example, describes the correction of a wrinkle at the front corner.

Partially or completely remove any mouldings or ornamentation in the immediate area of the wrinkle.

Pull the vinyl material free from the roof panel up to the bonded seam and along the side drip rail for approximately 10 inches.



R1412-1A

FIG. 29 Expelling Air With Hypodermic Needle

Clean the surface thoroughly of the old adhesive. Apply a thin film of adhesive to both the vinyl material and along the drip rail. Allow the adhesive to air dry for several seconds.

Grasp the material firmly, then draw the material taut until all wrinkles are removed as shown in Fig. 31. Fold the material under the drip rail flange.

Secure the front edge of the material with as many drive nails as needed to prevent the material from creeping. Apply sealer under the drive nail to prevent possible water leak.

Install the mouldings and weatherstrips.

Looseness

Loose vinyl roof material usually occurs at padded areas of the vinyl roof which is used only in certain body styles. The following is a typical repair of loose material at the blind quarter area and generally applies to other areas such as around the backlite opening.

Partially or completely remove mouldings or ornamentation in the immediate area to be repaired.

Carefully peel the edge of the material free from the sheet metal.

Clean the metal surface thoroughly of the old adhesive. Apply a thin film of adhesive to both the vinyl and metal surface. Allow the adhesive to air dry for several seconds.

Grasp the material firmly, then draw the material taut. Secure the edge of the material with drive nails or sheet metal screws as needed to prevent the material from creeping.

Apply sealer over the drive nails or sheet metal screws to prevent possible water leaks. Install the mouldings.

Gap Between Vinyl Top and Moulding

In some instances, vinyl top material that is too short to be concealed under the roof moulding can be corrected by adjusting the moulding or stretching the material. If it is necessary to stretch the material, pop rivets must be used to prevent the vinyl from returning to its original position. Should there be an insufficient amount of material to allow the use of pop rivets, the complete vinyl top cover must be replaced. To determine whether there is a sufficient amount of material, perform the following procedure:

1. If applicable, loosen the moulding retainers and reposition the moulding sufficiently to cover the edge of the vinyl roof material. Re-torque the moulding retainers. **If the edge of the vinyl material cannot be covered by repositioning the moulding, proceed to Step 2.**
2. Partially or completely remove the moulding(s) or ornamentation in the area in which the vinyl roof is too short or gaps to the moulding(s). Refer to Group 47 for removal and installation of exterior mouldings and/or ornamentation.
3. Carefully peel the vinyl material free from the roof panel 4 to 6 inches.
4. Using Silicone and Wax Remover (D160-3721-A or equivalent) clean the sheet metal surface thoroughly, removing all of the old adhesive.

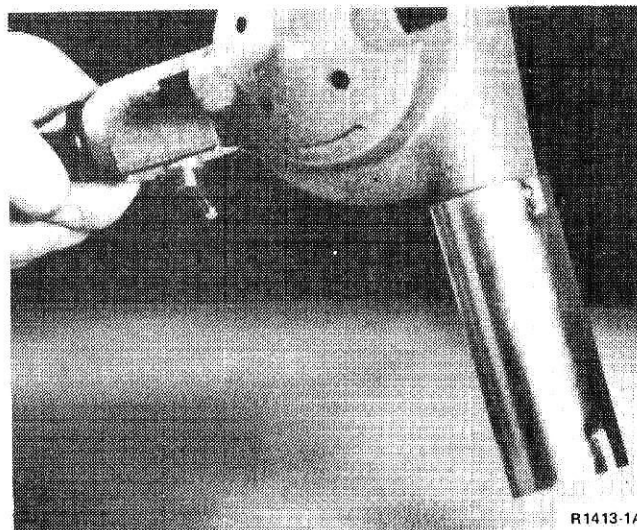


FIG. 30 Applying Heat With Heat Gun

5. Apply a thin film of adhesive (D4AZ-19C525-A or equivalent) to both the vinyl material and the sheet metal surface and allow the adhesive to air dry for several seconds.
6. With a heat gun, apply heat to the vinyl, then grasp the material firmly and stretch the material so it can be installed beneath the moulding(s).

CAUTION: To avoid overheating the vinyl, hold the heat gun about 12 inches from the surface and constantly move the gun in a circular motion.

NOTE: If after stretching the material, it is evident that pop-rivets can not be hidden by the mouldings, the vinyl roof cover will have to be replaced. However, if it is determined that the pop-rivets can be used, proceed to Step 7.

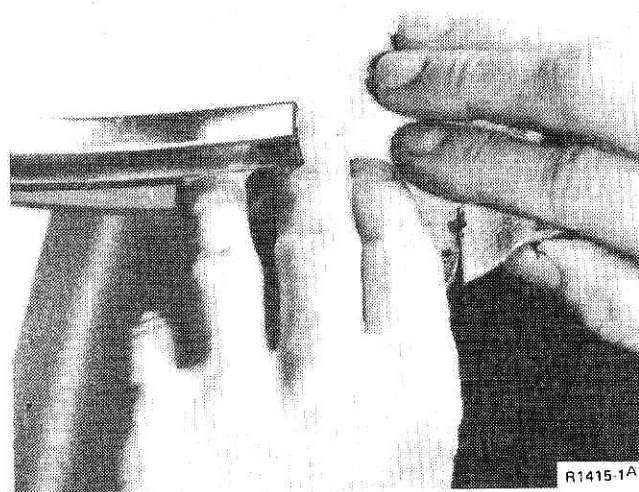


FIG. 31 Correcting Wrinkles at Front Corner