ABS TOP REPAIR FOR SCRATCHES/CRACKS

Kit (Part Number 4716-1941) Contains:

Utility knife blade (not supplied)
100/150 grit wet/dry sandpaper
Luran S material sheet
ABS Practice sheets
#7 polishing compound (not supplied)
Acetone (not supplied)

Flat blade screwdriver Texturing tool Wooden stirring sticks Measuring cup and mixing can Syringes

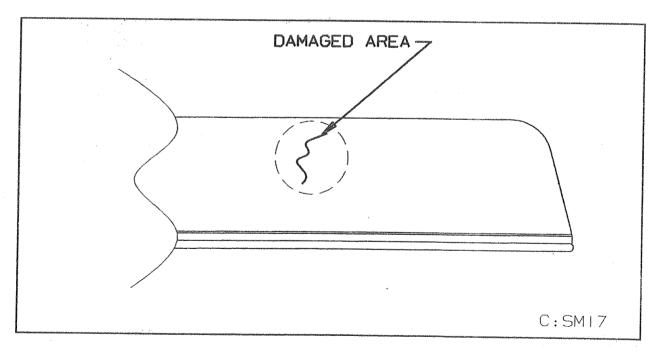
PROPER PREPARATION OF THE DAMAGED AREA

1. Scrape across the damaged area using a razor blade following the contour of the roof.

NOTE: Scraping the ABS top assembly will actually shave away a thin layer of the ABS material, thus reducing the scratch.

It is important to feather-out the area which you are scraping as shown by the dotted line in figure.

CAUTION: Do no apply excessive pressure when scraping the damaged area. This will cause flat spots in the area you are working on.



2. After scratch or gouge has been reduced with scraping action, it will be necessary to lightly sand the affected area. This will help promote adhesion of the applied repair material. For consistency, sand the top surface in only one direction.

ABS TOP SCRATCH REPAIR Page 2

Sand with 100/150 grit wet/dry sand paper to remove the shine left on the ABS material from scraping with the utility knife. Use minimal pressure when sanding the repair area.

When done, area should be smooth with no flat spots and feathered-out approximately 2 - 3 inches.

3. Wipe area with clean, dry cloth.

FILLING THE AREA

1. Prepare the filler solution in a well ventilated area. Use a section of Luran S material sheet, clean acetone, and a mixing container.

WARNING: Do not use contaminated acetone. This may affect the mixture or darken the filler solution.

2. Mix (cut) approximately 5" of the Luran S material sheet with one fluid ounce of acetone. Add more Luran S or acetone to obtain the desired consistency.

NOTE: To make the mixing process go faster, cut the Luran S material sheet into small strips.

Mix these items in the provided metal mixing container using a clean wooden stirring stick until the Luran S is completely dissolved (approximately twenty minutes).

3. Apply a thin layer of filler solution to the damaged area. Multiple layers may be required to fill a large problem area. Apply the filler solution with the wood stirring stick or syringe.

NOTE: Slightly over-fill the area and feather the excess outward.

Allow to dry for 2 - 24 hours depending on consistency.

- 4. Trim off excess with razor blade when dry.
- 5. Lightly sand to level the repaired surface with surrounding area.
- 6. Wipe area with clean, dry cloth.

TEXTURING THE REPAIRED AREA TO MATCH

1. Hold the stabilizing tube of the texturing tool with one hand while moving the formed screwdriver up and down in a continuous dabbing motion over the repaired surface. Continue this motion until the repaired area is concealed and blends-in with the surrounding area.

ABS TOP SCRATCH REPAIR Page 3

- 2. Lightly sand to remove raised edges.
- 3. If a gloss difference appears, blend in by apply a light coat of Krylon clean acrylic spray. Hold the can approximately 12" 18" away and apply an even coat. Allow to dry completely.
- 4. Adjust final gloss with polishing compound.

For cracks, follow the exact same repair procedure except drill two stop holes at each end of the crack prior to starting the repair.

WARNING: Only drill through one layer of plastic skin. Be aware of any routed wires.