

Repair Materials and Tools (Example)

Vise-grips and clamps

- To hold parts being serviced.

Sander:

Removal of paint caking and filler sanding.

- Air sander, Double action sander
- Pad (Rubber and wooden)
- Sandpapers (#60,80,180,280,400,600 and 800)

Adhesive, cement and filler:

To even out irregular surface

- Epoxy resin body filler
(BOND QUICK MENDER 3M8016)

Protectors:

- Respirator and dust mask
- Rubber gloves, safety goggles

Masking tape: 19 mm (3/4")

Others:

- Rag or shop towel, Cutter,

Paints: (Reference)

The paints used for repair should be flexible enough at low temperature -77°F (-25°C) yet not harm the resin base to which they are applied. They should also offer reasonable resistance to abrasion and wear.

NOTE:

- Do not use acrylic lacquer paints (air-dried type).
- Be sure to use the paints listed below or equivalent.

1. Guide coat (Primer and Primer surfacer)

- UPS-300 flex primer + N0308 flex hardener (R-M)
- Plastoflex primer, Autocryl filler + Elast-o-Activ (Akzo)
- 1020R primer surfacer + 805R flexible additive (DuPont)

2. Intermediate coat

Use top coat (Solid, metallic or pearl) enamel base.

3. Top coat

- Super ponacle + N0308 flex hardener (R-M)
- Autocryl, Auto base + Elast-o-Activ Auto clear/ Autoclear MS + Elast-o-Activ (Akzo)
- Super Centari + 805R softener + AK210 hardener (DuPont)