

INSTRUCTIONS

HOW TO REPAIR A PAINT CHIP OR SCRATCH WITH AEROSOL, PAINT PEN OR TOUCH UP PAINT

USING A TOUCH UP PEN OR PAINT APPLICATOR

Surface Preparation Touch Up

Ensure area to be repaired is clean and free from contaminants / wax using Pro-Cleaner or TUPF Wax & Grease remover.

Primer Application -Touch Up Pen or Applicator If bare metal is exposed then carefully apply touch up primer with applicator to the metal only, ensuring not to spill over onto existing paintwork and allow 5-10 minutes to dry.

Paint Application – All in one Touch Up Pen or Paint Applicator Shake paint for 30 seconds with cap on and the ball rattling and test color on test card prior to application. If using an All-in-One pen, then remove the cap and press the spring-loaded tip of the paint pen a few times on a flat surface until the paint flows.

Apply all-in-one touch up ensuring not to spill over onto existing paintwork and allow 10-30 minutes to dry. Re-coat if required. Use same technique for Tri-coat paint if required (see NOTE below for Tri-coat information)

Flattening & Sanding after leaving overnight the repaired area can be carefully sanded back using the TUPF Paint & Polish kit with the P1500-2000 and the small block, ensuring you only remove minimal original clear coat. Then using rubbing compound to bring up to a brilliant shine.

NOTE: Tri-coat paints come with two paint pens, bottles or aerosols and require the application of the ground coat "Paint 1" first. Once paint 1 has been applied and you are satisfied with the finish and the paint is dry you can then apply "paint 2" which adds the final color finish and should be applied sparingly.

USING AN AEROSOL

Ideal repair conditions are warm and dry. Watch our "how to videos" for more aerosol paint application advice. Test the color before painting the car.

Ensure area to be repaired is clean, free from wax / contaminants and is dry. (Advise use of Pro-Cleaner or Wax & Grease Remover).

Surface Preparation

Sanding Remember that sanding starts with course grades and finishes with fine grades. Sand out rust scabs, scratches, or paintwork damage with course wet or dry.

Primer will cover over 180-320 grit sand scratches. Use 600-800 wet or dry to prepare for base color.

Use scuff pad to prepare the blending. Entire area to be painted should be prepared.

For new plastic parts lightly scuff the area with a grey fine scuff pad. For new metal parts you may lightly use a red scuff pad (medium) for top coating with solid colors or grey scuff pad (fine) for metallic and pearls.

Masking Mask off adjacent panels to prevent over spray. Never tape off mid panel or you will see a tape line. Make a line with tape first, then tape paper to your existing tape line. Doubling up newspaper will work fine but paint has a possibility of bleeding through with excessive heavy coats. Use masking tape for small areas like tail lights and trim. In the case of painting in an enclosed area mask the entire car with plastic sheeting to prevent overspray.

Plastics Primer Use Grip Coat adhesion promoter over bare plastic. Spray 2 light coats over lightly scuffed plastic.

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USING AN AEROSOL CONT...

Epoxy Primer Shake primer well. Apply aerosol Epoxy Primer over clean sanded metal or plastic parts pre-coated with Grip Coat adhesion promoter. Primer will fill 180-320 grit wet sandpaper scratches. Apply 3 or more coats waiting 5-10 minutes dry time in-between coats. Sand the primer in 30 mins – 1 Hour using 600 grit wet or dry paper. Use a water dampened lint free cloth to clean off sanding dust and dry the area. Ensure there is no dust on the masking paper, replace if necessary. Do not use prep solvent over the fresh primer. Use a tack rag to pick up lint and dust particles.

Aerosol Base or All-in-one Color application Thoroughly shake the spray can before applying. Spray a test panel with to ensure suitable color match and coverage. Apply as many medium coats necessary to cover the area waiting 5-10 minutes between each coat. Each coat should appear uniform and dry between each coat. You may gently use a tack cloth between each dry coat of basecoat. Spray light dust coats if a metallic or pearl colour looks too dark. Wait 30 mins – 1 Hour before using clear coat. Not necessary if using All-in-one.

Tri-Coat Colors Tri-coat paints are different. You spray the ground coat color first, one coat at a time until the area is covered. Then you use the mid coat pearl color. Apply one coat at a time until you achieve the pearl effect of the factory color.

1K or 2K Clearcoat Spray Paint Shake aerosol clear coat well. Allow 30 mins – 1 Hour after base coat color has been applied to apply the clear coat. Apply 4-5 wet (but not dripping) coats waiting 10+ minutes in between coats. Each coat should be dry to the touch (not tacky) before moving on to the next. Do not touch the freshly painted panel to test, you can touch the tapeline. Hot weather will shorten the dry time, cold weather and/or thicker film build will extend the dry time. Skipping the dry time may result in a color mismatch, heavy orange peel texture, and/or a loss of gloss.

Fade Out Thinner Shake aerosol well. Apply the fade out to the joint of the new lacquer to old. Approximately 200mm to 300mm blend area.

Polishing Wait one day to use rubbing compound. You may use wet or dry to sand out orange peel and light texture, or dust embedded in the clear coat film with 1500-2000 wet or dry paper and then use rubbing compound to bring up to brilliant shine. Do not wax for 30 days.

WET OR DRY PAPER

(Designed for wet or dry sanding)

180 Grit	A relatively course grit used to final sanding and feather edging body filler.
320 Grit	For final elimination of 180 scratches.
400 Grit	Used for rough sanding primer. Also used for fine sanding spot putty.
600 Grit	Used for final sanding primer before applying the base color.
800 Grit	Next grade up used for final sanding primer before applying the base color.
1000 Grit	Used to sand down existing paint to be repainted.
1200 Grit	A fine cleaning grit to wet sand a panel before repainting it.
1500 Grit	An extra fine grit used for wet sanding the clear coat to remove defects before paint polishing. Can substitute for 1000 or 1200 grit for sanding before repainting.
2000 Grit	Ultra-fine grit used wet that pre-polishes the surface before buffing and polishing with polishing compound.

More details can be found at our website www.touchuppainthfactory.com

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