

Paint Refinishing

Paint damage can appear in any form. Before making a repair, check the damaged area carefully, and determine the procedure best suited to the type. The following relates paint refinishing methods to various types of paint damage or defects.

Defects and Refinishing Processes

WARNING

- **Ventilate when spraying paint.** Most paint contains substances that are harmful if inhaled or swallowed. Read the paint label before opening the paint container.
- **Avoid contact with skin.** Wear an approved respirator, gloves, eye protection and appropriate clothing when painting.
- **Paint is flammable.** Store it in a safe place, and keep it away from sparks, flames or cigarettes.

A. Damage or defects that have gone through to the metal surface

Rusting or deformation:

Steps:

- ① Featheredge the damaged area.
- ② Prepare the metal surface.
- ③ Apply a chemical coating to metal surface.
Metal conditioner, Precoat, A.C.P treatment
- ④ Apply an undercoat (primer surfacer)
NH-585P:
④-1 Apply intermediate coat 1 (surfacers and primer surfacer)
- ⑤ Apply an intermediate coat (color matched to top enamel paint).
NH-585P : Intermediate coat 2
(Exclusive color paint)
- ⑥ Apply a top coat (body color paint).
Solid color: Enamel top coat paint
Metallic color: Metallic enamel paint + Clear top coat
Pearl color: Pearl enamel paint + Clear top coat

B. Damage or defects up to undercoat or intermediate coat/intermediate coat 1 (NH-585P)

External damage or blisters:

- (1) Perform Steps ④ through ⑥ under Item A.

NH-585P :

Damage or defects up to intermediate coat 2

External damage

- (1) Perform steps ⑤ through ⑥ under Item A.

C. Damage or defects that have not gone through to intermediate coats (only in top coat)

Shallow scratches or score marks:

- (1) If damage has gone through to the metallic paint, spray metallic enamel, then apply top coat wet on wet.
- (2) If damage has not reached the metallic color paint and remained in the clear top coat, polish the damaged surface or spray only the clear top coat.

NOTE: Try to repair by polishing as much as possible if the damage has not reached the metallic color paint.

D. Replacement of Parts

-1 Welded parts

Rear side outer panel, etc.

- (1) Perform Step ① through ⑥ if the damaged area is covered with filler or welded with reinforcement plate.
- (2) Perform Steps ⑤ and ⑥ for undercoats except those on joints (Intermediate coat for replacement parts).
- (3) On inner panels, apply paint where the undercoat is burned by heat of welding. Follow this with a rust preventive treatment (see [section 7](#)).

-2 Single Parts

- Painting of outer and inner hood, door, trunk, lid, etc.
Perform Steps ⑤ and ⑥ under Item A.
- Painting of inside of front fender.
Only enamel top coat paint may be used:
Solid color enamel. Metallic enamel or Pearl enamel.
- After spraying enamel paint, perform rust preventive treatment (apply inner or outer rust preventive agent).