



PAINT FINISH DENIBBING PROCESS





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1 Initial Defect Removal

Attach the appropriate abrasive to the denibbing tool: P1000 (black) for large nibs and P1500 (grey) for small nibs. Adjust the speed to the medium setting as a starting point. Turn on the tool and sand the nib with light downward pressure. Water may be required for some clearcoats.



Product List

- 3M™ Perfect-It™ Denibbing Tool, Cordless denib sander, PN 07650
- 3M™ Perfect-It™ Denibbing Abrasive, P1000 grade Trizact™ abrasive stem, PN 02047
- 3M™ Perfect-It™ Denibbing Abrasive, P1500 grade Trizact™ abrasive stem, PN 02080





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2

Scratch Refinement

If P1000 was used in step 1, refine the coarse scratches with P1500 before polishing. Use the same sanding technique as in step 1 for best results.



Product List

- 3M™ Perfect-It™ Denibbing Abrasive, P1000 grade Trizact™ abrasive stem, PN 02047
- 3M™ Perfect-It™ Denibbing Abrasive, P1500 grade Trizact™ abrasive stem, PN 02080





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3 Apply Polish

Attach the 3M™ Purple Foam Buffing Pad to the polisher. If the pad is dry, apply a small amount of 3M™ Perfect-It™ Denibbing Polish directly to the pad. Apply a small amount of polish on each nib. For optimum performance, set the polisher air supply to 70–90 PSI.



Product List

- 3M™ Perfect-It™ Foam Buffing Pad, 3 in., Purple, PN 05759
- 3M™ Perfect-It™ Denibbing Polish, 16 oz. (473mL), PN 39063
- 3M™ Polisher, 75mm Diameter, PN 28363





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4

Machine Polish

Slightly collapse the foam pad to the painted surface and pull the trigger to start polishing the defect area. Using a circular motion, polish each sanded area for 7–10 seconds. Minimize sling by releasing the trigger while the pad is still collapsed on the surface. Wipe the residue with a yellow microfiber cloth.



Product List

- 3M™ Perfect-It™ Detailing Cloth, Yellow Microfiber Cloth, PN 06016
- 3M™ Polisher, 75mm Diameter, PN 28363





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5A

Swirl Elimination (Option A)

On dark-colored vehicles, attach the Ultrafine Foam Polishing Pad to the polisher. Apply a small amount of 3M™ Ultrafine Machine Polish directly to a dry pad. Apply a small amount of 3M™ Ultrafine Machine Polish to each nib as well. Polish the haze spots for 7–10 seconds each, and wipe the residue with a blue microfiber cloth.



Product List

- 3M™ Perfect-It™ Ultrafine Foam Polishing Pad, 3 in., Blue, PN 05760
- 3M™ Perfect-It™ Ultrafine Machine Polish, 16 oz. (473mL), PN 39062
- 3M™ Perfect-It™ Detailing Cloth, Light Blue Microfiber Cloth, PN 06020





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5B

Swirl Elimination (Option B)

A full-sized polisher equipped with a 3M™ Ultrafine Foam Polishing Pad may also be used to polish the full panel. Wipe the residue with a blue microfiber cloth. Inspect the surface using the 3M™ PPST™ SUN GUN™ II.



Product List

- 3M™ Perfect-It™ Ultrafine Foam Polishing Pad, 9 in., PN 05708
- 3M™ Perfect-It™ Detailing Cloth, Light Blue Microfiber Cloth, PN 06020
- 3M™ Electric Variable Speed Polisher, PN 28391
- 3M™ PPST™ SUN GUN™ II Light Kit, PN 16550

