

Personal Safety

• Respiratory Protection  • Hearing Protection  • Face Protection  • Reusable Workwear  • Safety Gloves 

Safety First! Always select appropriate personal protective equipment - eyewear, gloves, hearing and respiratory protection for your job and workplace.

Sanding Spot defects (like dust nibs)



- Denib with grade 1500-2000 abrasive discs on a 3" / 75mm random orbital sander.



3M™ Hookit™ Purple Finishing Film
Abrasives Discs, 3" / 75mm



3M™ Precision Random Orbital
Sander, 75 mm (3 in)



- Refine scratches with grade 3000 foam abrasive disc on a 3" / 75mm random orbital sander. Complete this step damp with water and sand each area 4-6 passes.
- **OPTIONAL** - Refine scratches with grade 8000 foam abrasive disc on a 3" / 75mm random orbital sander. Complete this step damp with water and sand each area 4-6 passes.



3M™ Trizact™ Hookit™ Foam Disc
3000, 3" / 75mm



3M™ Trizact™ Hookit™ Foam Disc
8000, 3" / 75mm

Sanding Area defects (orange peel, runners)



- Sand the area with grade 1500 - 2000 abrasive discs on a 6" / 150mm random orbital sander.



3M™ Hookit™ Purple Finishing Film
Abrasives Discs, 6" / 150mm



3M™ Precision Random
Orbital Sander,
150 mm (6 in)



3M™ Electric
Random Orbital
Sander



3M™ Interface
Pad



- Refine scratches with grade 3000 foam abrasive disc on a 6" / 150mm random orbital sander. Complete this step damp with water and sand each area 4-6 passes
- **OPTIONAL** - Refine scratches with grade 8000 foam abrasive disc on a 6" / 150mm random orbital sander. Complete this step damp with water and sand each area 4-6 passes.



3M™ Trizact™ Hookit™ Foam
Disc 3000, 6" / 150mm



3M™ Trizact™ Hookit™ Foam
Disc 8000, 6" / 150mm

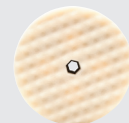
Sand Scratch Removal



- Add a small amount of rubbing compound onto the vehicle surface.
- Using medium pressure on a rotary polisher, compound the surface in an overlapping pattern at 1200-2000 RPM.
- Keep the pad as flat as possible to avoid excessive swirls and maintain control of the polisher. Reduce pressure towards the end of this step to refine the finish and enable an easy cleanup.
- Note: The coating hardness and temperature will likely require RPM and pressure adjustments for best results.



3M™ Perfect-It™
Rubbing
Compound



3M™ Perfect-It™
Compounding Foam
Pad 8" / 200mm
(other style / sizes exist)

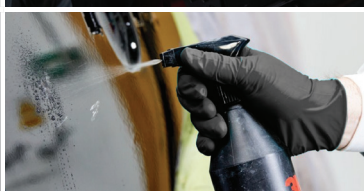


3M™ Perfect-It™
Compounding Wool Pad,
9" / 230mm
(other style / sizes exist)



3M™ Perfect-It™
Quick Connect
Adaptor

Finish Inspection



- If sanding scratches from the previous compounding step are still visible after cleaning and inspecting the surface, repeat the previous compounding step until all scratches are removed.



3M™ Inspection Spray

Polishing step – removal of compounding-swirls



- Add a small amount of machine polish onto the vehicle surface.
- Using medium pressure on a rotary polisher, polish the surface in an overlapping pattern at 1200-2000 RPM.
- Keep the pad as flat as possible to avoid excessive swirls and maintain control of the polisher. Reduce pressure towards the end of this step to refine the finish and enable an easy cleanup.
- Wipe off any excess polish and inspect the area - most colors are now defect free.



3M™ Perfect-It™
Machine Polish



3M™ Gray foam pad



3M™ Microfiber Cloth

Final polishing step – removal of micro-swirls

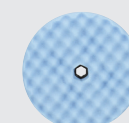


OPTIONAL STEP

- For critical colors (very dark or black) - remove the swirl marks / holograms with ultrafine machine polish used with a fine polishing pad.
- Polish with reduced speed – moving in an overlapping pattern covering the whole area
- Wipe residual polish away with a clean and dry detailing cloth.
- Tip: Always keep the polishing foam wet (using polish), as this delivers a more even coat of polish on the surface and will prevent the generation of the micro scratches from a dry pad



3M™ Perfect-It™
Ultrafine Machine Polish



3M™ Perfect-It™ Ultrafine
Machine Polishing Pad



3M™ Microfiber Cloth