

**Plastic Restoration**

**1**



**Clean and Mask**

Clean the damage with soap and water. Perimeter mask the lens with two layers of masking tape.

**2**



**Sand to Remove Yellowing & Defects**

Dry DA sand the damaged lens with a 3 in. P500 abrasive disc using a soft interface pad. Completely remove any yellowing and/or surface defects.

**3**



**1st Step Scratch Refinement**

Refine the P500 sand scratches by dry DA sanding with a 3 in. P800 abrasive disc on a soft interface pad. Wipe the lens clean.

**4**



**2nd Step Scratch Refinement**

Refine the P800 sand scratches by DA sanding with a 3 in. P1000 foam disc on a soft interface pad. Use water to lubricate the P1000 foam abrasive disc. Spend extra time on this step to ensure removal of all P800 sand scratches. Wipe the lens clean.

**5**



**3rd Step Scratch Refinement**

Refine the P1000 sand scratches by DA sanding with a 3 in. P3000 foam disc on a soft interface pad. Use water to lubricate the P3000 foam abrasive disc. Spend extra time on this step to ensure removal of all P1000 sand scratches. Wipe the lens clean.

**6**



**Compound Lens**

Completely remove the P3000 sand scratches using a 3 in. polishing tool with a foam compounding pad and rubbing compound. Wipe the lens with a clean microfiber cloth.

**7**



**Polish Lens**

Polish the lens using a 4 inch foam polishing pad and machine polish. Wipe the lens with a clean microfiber cloth. Remove the masking tape and inspect for quality.

Visit [3MMarine.com](http://3MMarine.com) for more SOPs and videos

**Product List**

3M™ Perfect-It™ Boat Wash  
PN 09035, 1 Quart



3M™ Perfect-It™ Detail Cloth,  
PN 06016, 6 cloths/bag

3M™ Precision Masking Tape,  
PN 06619, 18 in. x 60 yds.  
PN 06525, ¼ in. x 60 yds.  
PN 06529, ¼ in. x 60 yds.  
PN 06526, ¾ in. x 60 yds.  
PN 06528, 2 in. x 60 yds.



3M™ Purple Clean Sanding Hookit™ Disc,  
PN30272, 3 in, P500, 50 discs per box,  
4 boxes per case



3M™ Pistol Grip Disc Sander, 33577,  
50mm and 75mm, 18,000 Max. RPM



3M™ Hookit™ Soft Interface Pad,  
PN 05771, 3 in., 10 per case



3M™ Orbital Pistol Grip Sander,  
PN 28353, 3 in., 1/8 in. Orbit



3M™ Purple Finishing Film Hookit™  
Disc, 30370, 3 in, P800, 50 discs  
per carton, 4 cartons per case



3M™ Trizact™ Hookit™ Blending  
Disc 443A, 02091, 3 in, P1000,  
15 discs per box, 4 boxes per case



3M™ Trizact™ Hookit™ Foam Disc 02087, 3 in,  
P3000, 15 discs per box, 4 boxes per case

3M™ Perfect-It™ EX AC Rubbing  
Compound, PN 36060, 1 qt. (946mL.)



3M™ Perfect-It™ Foam Compounding Pad,  
30041, 4 in, single sided with inset, Hookit™,  
2 pads per bag, 6 bags per case

3M™ Perfect-It™ EX Machine Polish,  
PN 06094, 1 qt. (946mL.)



3M™ Perfect-It™ Hookit™ Foam Polishing Pad,  
PN 30042, 4 in, single sided with inset, 2 pads  
per bag, 6 bags per case

**Think About Your Health**

3M™ E-A-R™ Skull Screws™  
Ear Plug, PN P1300



3M™ Half Facepiece  
Respirator, PN 07182



3M™ Lexa™ Protective  
Eyewear, PN 15200



**Not a complete list.** Select protective eyewear, appropriate gloves, hearing protection, respirator and protective clothing based on your job and exposure assessment.

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