# Headlight Lens Restoration Process

## 1. Clean and Mask
- Clean the damaged lens with soap and water. Perimeter mask the lens with two layers of masking tape.

## 2. Sand to Remove Yellowing and Defects
- Dry DA sand the damaged headlight lens with a 3 in. grade 500 3M™ Hookit™ Purple Clean Sanding Disc using a soft interface pad. Completely remove any yellowing and/or surface defects.

## 3. 1st Step Scratch Refinement
- Refine the grade 500 sand scratches by dry DA sanding with a 3 in. grade 800 3M™ Hookit™ Purple Clean Sanding Disc on a soft interface pad. Wipe the headlight lens clean.

## 4. 2nd Step Scratch Refinement
- Refine the grade 800 sand scratches by DA sanding with a 3 in. grade 1000 3M™ Trizact™ Hookit™ Blending Disc on a soft interface pad. Use water to lubricate the grade 1000 foam abrasive disc. Spend extra time on this step to ensure removal of all grade 800 sand scratches. Wipe the headlight lens clean.

## 5. 3rd Step Scratch Refinement
- Refine the grade 1000 sand scratches by DA sanding with a 3 in. grade 3000 3M™ Trizact™ Hookit™ Foam Disc on a soft interface pad. Use water to lubricate the grade 3000 foam abrasive disc. Spend extra time on this step to ensure removal of all grade 1000 sand scratches. Wipe the headlight lens clean.

## 6. Compound Lens
- Completely remove the grade 3000 sand scratches using a 3 in. polisher with a 4 in. 3M™ Perfect-It™ Foam Compounding Pad and 3M™ Perfect-It™ EX AC Rubbing Compound. Wipe the headlight lens with a clean microfiber cloth.

## 7. Polish Lens
- Polish the headlight lens using a 4 in. 3M™ Perfect-It™ Foam Polishing Pad and 3M™ Perfect-It™ EX Machine Polish. Wipe the headlight lens with a clean microfiber cloth. Remove the masking tape and inspect for quality.

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**Product List**

- Meguiar’s® Shampoo Plus, 1 gallon, PN D1101
- Scotch® Performance Masking Tape 233+, 18mm x 55m (.75 in.), PN 26334
- 3M™ Hookit™ Soft Interface Pad, 3 in., PN 05771
- 3M™ Hookit™ Purple Clean Sanding Disc, 3 in., grade P500, PN 30272; 3 in., grade P800, PN 30260
- 3M™ Trizact™ Hookit™ Blending Disc, 3 in., grade P1000, PN 02091
- 3M™ Trizact™ Hookit™ Foam Disc, 3 in., 3000, PN 02087
- 3M™ Perfect-It™ EX AC Rubbing Compound, 8 oz., PN 36058
- 3M™ Perfect-It™ Foam Buffing Pad, 4 in., PN 30041
- 3M™ Perfect-It™ EX Machine Polish, 8 oz., PN 06093
- 3M™ Perfect-It™ Foam Polishing Pad, 4 in., PN 30042
- 3M™ Perfect-It™ Detail Cloth, PN 06016

**Think About Your Health**

- 3M™ E-A-R™ Skull Screws™ Ear Plug, PN P1300
- 3M™ Half Facepiece Respirator, PN 07182
- 3M™ Virtua™ Protective Eyewear, PN 11326

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*Note: For best results use a process dedicated microfiber cloth.*
Individual Product Instruction and Safety Information

For individual product instructions and applicable precautions see product labels and associated literature for the individual product at 3MCollision.com

For product material safety data sheets see 3MCollision.com

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