



10 - Minute Headlight Restoration Instructions

Always wear gloves and eye protection/safety glasses when using Ice-9 products

The Ice-9 Pro Shop kit will restore 60 to 75 sets of headlights. The Ice-9 Test Drive Kit will restore 8 to 12 sets of headlights. Some headlights cannot be restored regardless of the method used & will need to be replaced. However, with the Ice-9 system you can expect to restore about 80% of the lights that you see coming through your shop on a daily basis. Note that some lights can have "bulb burn" and/or moisture or dirt inside the lens, resulting in varying degrees of internal haziness which cannot be removed.

Step 1: Liquid Sandpaper - Squirt or spray about 2 half-dollar size amounts of Liquid Sandpaper onto a clean rag, sponge or microfiber towel. Wipe/scrub the lens with heavy pressure. The nano-scrubbing power of the Liquid Sandpaper will remove the first layer of haze and yellowing. You will notice the clarity of the lens improve which will vary by vehicle. Do not allow Liquid Sandpaper to dry on the lens.

Step 2: Sanding Sponges - Always wet both the lens and the sanding sponge with water before sanding. Do not sand the light while it is dry. Your kit contains 10 squares of 1000-grit, 15 squares of 2000 grit and 60 squares of 3000 grit. The goal of sanding the light surface is to achieve a smooth surface. Smooth surface = Gloss. The majority (75% to 90%) of the lights you come across can be refinished/made smooth with the 3000-grit sponge alone then coated with the Ice-9 UV protection. Some lights (20% to 50%) will need to be sanded with the 2000-grit sponge first followed by the 3000-grit sponge to achieve surface smoothness, then coated with the Ice-9 UV protection. Some more severely damaged lights (5% to 15%) will need to be sanded with a 1000-grit sponge first, followed by a 2000-grit sponge, then finished with a 3000-grit sponge to achieve a smooth surface, then coated with the Ice-9 UV coating. Once you complete a few sets you will begin to recognize by sight which headlights need which grits. **The sanding sponges are made of a durable ceramic and are designed to be used more than once. (Save ALL of your used sanding sponges in a separate bag or box as most of them can be used twice, particularly the 1000 grit and 2000 grit.)**

Sponge # 3. (3000-grit) - The majority of lights (75% to 90%) you encounter can be refinished using ONLY the 3000-grit sponge. Wet lens & sponge with water before sanding. Use short, back and forth, east to west motions with medium pressure until you have sanded the entire light. (Do not sand in a circular or north and south motion.) You want to see a uniform haze on the light (this is normal) and the surface to be smooth.

Sponge # 2. (2000-grit) - On some lights (20% to 50%) you will need to start with the 2000-grit sponge first. Wet lens and sponge with water before sanding. Use short, back and forth, east to west motions with medium pressure until you have sanded the entire light. (Do not sand in a circular or north and south motion) Now, finish the light up doing the same thing with the 3000-grit sponge. You want to see a uniform haze on the light (this is normal) and the surface to be smooth.

Sponge # 1. (1000-grit) - On some lights (5% to 10%) that are very rough and/or with clear coat peeling, you will need to start with the 1000-grit sponge first. Wet lens & sponge with water before sanding. Use short back and forth, east to west motions with light to medium pressure until you have sanded the entire light. Keeping the light wet, do the same thing with the 2000-grit sponge then finish the light with the 3000-grit sponge. You want to see a uniform haze (this is normal) with a smooth surface.

Step 3. Rinse Lens - Thoroughly rinse lens with water to completely remove any liquid sandpaper and residue from sanding. Carefully dry the lens being sure to dry around the edges where water gets trapped. If you have a blower or air hose, blow the lens dry. Once dry, the light will have a uniform haze with some slight surface scratches. This is normal.

Step 4. Apply Ice-9 UV Coating - (Apply slowly) If temperature is below 45 degrees, we recommend slightly warming the lens with a blow dryer or heat gun. Fold applicator pad into quarters. Use the smooth edge. Shake Ice-9 coating bottle. Remove cap and saturate edge of applicator-well saturated but not dripping. Wipe on coating slowly with light pressure around perimeter of lens first. Then starting at top of lens, apply in long, slow, east to west strokes. Dropping down, repeat, overlapping the previous stroke by 1/8th of an inch. As you work down the lens, re-coat the applicator pad as needed. Once the lens is coated, you have about 1 minute to make any corrections or smooth out runs. Inspect your work. Make sure there are no runs or bubbles. Ice-9 coating is self-leveling. However, if you have a run that doesn't level out, lightly recoat applicator and smooth out the run. Too little coating on pad or going too fast can cause streaking. Dry to the touch-drive off time is 10-20 minutes. Do not get car wet for 6 hours. Do not wash car for 24 hours. Do not use Ice-9 on foggy or rainy days.

Proper care of Ice-9 UV Coating - Unopened shelf life is 12 months. Once opened product life depends on oxygen and moisture exposure. Only open and work out of 1 bottle at a time. Keep lid secure-air tight when not in use and in stay fresh bag. Keep coating bottles away from heat or flame.