

HEADLIGHT RESTORATION KIT

Kit Contents:

- **1 OZ. Surface Activator**
- **1/2 OZ. Clarifying Compound**
- **1 OZ. UV Block Clear Coat**
- **Waterproof Premium Sandpaper (400, 1000, & 2000 grit)**
- **Applicator and Polish Towels**
- **Vinyl Glove**

PLEASE READ INSTRUCTIONS COMPLETELY PRIOR TO STARTING THE RESTORATION PROCESS.

Online instructional video available in English and Spanish: www.sylvania-automotive.com/hrk. The process of restoring your headlight lenses involves removing the damaged material and applying a new layer of UV protection. Follow these instructions and don't worry if you notice that the headlight lens is still a bit hazy throughout the process. Only after the UV Block Clear Coat is applied will the headlight lens return to its like-new clarity.

YOU WILL NEED:

- Clean rinse water (hose, spray bottle, or bucket) and paper towels or absorbent cloths. You may want tape (painter's masking or electrical) to mask painted finish surrounding lens.
- Everything else is provided for you in this kit.

PREPARATION

Start with a clean, dry headlight lens. Pick a location that is away from direct sunlight and is above freezing (32°F). In order to protect the vehicle's paint or finish surrounding the lens, you may choose to apply painter's masking tape (not supplied) to mask off the car surfaces adjacent to the headlight lens being restored. If surfaces to be taped are chipped, weathered, or are not the original factory finish, tape may damage the finish.

NOTE: The compounds used in this restoration kit are specially formulated to not harm your vehicle's paint or finish, but the clear coat may leave a drip streak if an excessive amount is used during Step 3. If tape is used, check for adhesion throughout the sanding process. Dry and reapply tape if needed.

STEP ONE: APPLY SURFACE ACTIVATOR

WHAT IT DOES: Surface Activator prepares the surface in 2 ways: It removes the yellow staining and it softens any remaining original UV clear coat that still may be on the headlight lenses.

PROCEDURE: Spray Surface Activator generously onto each headlight lens until they are completely covered. Let this liquid sit on each lens for about 30 seconds. Wash completely with water to remove loosened corrosion. Do not use all of the surface activator, you will need it near the end of step two as well.

STEP TWO: SAND AND POLISH

WHAT IT DOES: Sanding with the coarse 400 grit sandpaper removes all haze, oxidation, and failed UV coating. The 1000 grit and 2000 grit sandpapers, along with the Clarifying Compound, will polish the headlight lens surface and prepare it for the new protective UV Block Clear Coat. All sandpaper in this kit is premium waterproof material designed for wet sanding.

PROCEDURE:

- Locate the 3 sheets of sandpaper supplied in the kit. Identify the 400 grit (most coarse), 1000 grit (medium smooth) and the 2000 grit (smoothest) sandpapers. Fold the three sheets in half, using one half of each sheet for each headlight.
- Begin sanding with the 400 grit sandpaper. Fully wet the headlight lens and sandpaper with clean water. Sand the surface of the headlight lens using even, circular motions and medium pressure. Continue to add water as you perform the sanding process, keeping the headlight and sandpaper wet. Sand the entire surface until the headlight lens feels smooth to the touch. Check for completion periodically by rinsing with water and then drying the headlight lens with a paper towel or clean cloth (NOT the white or blue towels provided with the kit). The 400 grit sanding step is done when a dry headlight lens has a uniform, light, white haziness with no yellow or clear spots. You are ready to move on once a noticeably smooth lens is achieved.
- Using the 1000 grit sandpaper and medium pressure, sand all headlight lens surfaces multiple times adding water as necessary, for approximately 5 minutes.
- Using the 2000 grit sandpaper and firm pressure, sand all headlight lens surfaces multiple times adding water as necessary, for approximately 5 minutes.
- Open the packet labeled Clarifying Compound (Step 2). Apply a quarter size dollop onto one of the white towels provided, about one half of the contents of the package. You will use this same towel on the second headlight lens, along with the remaining compound. Wet the headlight lens, and rub the compound over the entire lens using even circular motions and firm pressure. Rub all surfaces multiple times for approximately 5 minutes. When complete, rinse the lens thoroughly and completely dry it off. You will still see a light, white haze to the lens. This is normal.
- Reapply the Surface Activator for 30 seconds and then thoroughly rinse with water. This will fully clean the lens in preparation for the coating step that follows.
- Remove the tape if it was applied. Using the other white towel provided, completely dry the headlight lens surface and all surrounding surfaces, making sure moisture is removed from all areas. This will ensure optimal bonding of the UV Block Clear Coat.

HEADLIGHT RESTORATION KIT (cont.)

IMPORTANT

Before proceeding to Step 3 (UV Block Clear Coat Application) please complete 'Step One' and 'Step Two' on BOTH headlights. This will help ensure that the coating process is not disturbed on the first headlight while restoring the second one.

STEP THREE: UV BLOCK CLEAR COAT APPLICATION

WHAT IT DOES: The UV Block Clear Coat provides immediate clarity and dries to a hard, durable coating. It contains active and passive UV blockers for long lasting protection to your restored headlight lens.

PROCEDURE:

- a) Check to be sure all moisture is removed from all areas on and around the headlight lens.
- b) Find the bottle marked UV Block Clear Coat (Step 3), the glove, and the blue towel provided in the kit. Put the vinyl glove on your application hand. Thoroughly soak the entire folded edge of the blue towel with UV Block Clear Coat until the liquid extends 1/2" from folded edge. NOTE: The thicker the coating the better. Take care to thoroughly soak the entire folded edge of the blue applicator and to re-soak often to ensure uniform thickness across the headlight surface. Starting in one of the upper corners of the headlight lens, wipe the moistened edge of the towel across the lens from side to side in a smooth and continuous motion. Working from the top down, repeat the same motion, slightly overlapping the previously stroke. Remoisten the towel edge with the UV Block Clear Coat often to ensure a thick application. For best results, move in a continuous motion across the headlight lens on each stroke, applying only once, and do not repeat or re-apply to treated areas. If you missed a spot then quickly reapply only to that area.
- c) Repeat procedure on 2nd headlight.

DRYING / CURING TIME:

After coating, allow at least one full hour before touching the headlight lens and allow 4 to 6 hours for a full cure. Avoid driving and water exposure (rain or condensation) until cured.

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*** For details and limitations, see your retailer or visit www.sylvania-automotive.com/hrkwarranty**