



ReNuLite Headlight Restoration

Kit #136050

READ ALL INFORMATION CONTAINED IN THIS TECH DATA SHEET BEFORE BEGINNING RESTORATION PROCESS. Presta is NOT liable for damage caused by misuse of this product.

The Presta ReNuLite Headlight Restoration process involves four steps:

1. Removing the old lens surface by sanding and buffing
2. Cleaning and drying the lens
3. Applying the sealant
4. Curing the sealant

Directions:

Removing the old lens surface

1. Clean headlight with glass cleaner or water.
2. Tape and mask off surrounding areas to prevent damage from sanding and overspray.
3. Wet sand the headlight lens with 600 grit sand paper. All factory OEM coating must be removed from headlight lens for proper restoration. Use of 400 or 320 grit sand paper might be required to remove unweathered factory coating. A non-uniform surface appearance is indication that all factory coating has not been removed.
4. Clean headlight with water to remove sanding residue.
5. Buff headlight using Presta ReNuLite Headlight Restoration Crème, #136816, to get a clear finish.

Cleaning and drying the lens

1. Wipe headlight thoroughly with Presta ReNuLite Lens Drier, #138608, and a clean lint free towel to make sure it is dry. The surface of the headlight needs to be dry and dust free for proper sealant application.

Applying the sealant

1. Make sure surrounding areas are masked off.
2. The sealant cannot be applied in sunlight or exposed to direct or reflected UV light during application. Windy and rainy conditions can affect the smoothness of the sealant and its ability to cure. For these reasons, we recommend applying the sealant indoors.
3. It is important that both the lens and the sealant be at a temperature of at least 72°F (22°C).
 - If the sealant can is cold, you can place the can in warm water (no hotter than 90°F or 32°C) or run it under warm tap water.
 - If the ambient temperature of the area where you are restoring the headlight is less than 72°F (22°C), you should warm up the headlights by turning them on for 3 to 5 minutes prior to spraying the sealant. This will help the sealant flash quicker.
4. Shake can before use. Hold can of Presta ReNuLite Headlight Sealant, #137306, approximately 6" from headlight surface. With a side-to-side movement, spray a heavy coat over the surface of the lens with a 50% overlap with each pass. DO NOT APPLY IN SUNLIGHT OR EXPOSE TO DIRECT OR REFLECTED UV LIGHT.
5. Some bubbles may appear when the sealant is first applied. This is normal and is an indication that the solvent is evaporating from the lens surface. The sealant has a self-leveling characteristic that will leave an even, smooth finish on the lens surface.
6. If runs or drips develop on the lens surface, re-apply Sealant over the section of the light with the run to re-flatten the coating. If dirt, bugs or other contaminants are on the surface, the Sealant can be removed by spraying the lens with the Lens Drier and wiping with a lint free towel. Make sure all of the Sealant is removed and the lens is clean and dry before reapplying a new coat of Sealant. Once Sealant has been exposed to UV light this process can not be used.
7. IMPORTANT!! Allow 8-10 minutes for sealant to run, flatten and flash.

NOTE: High humidity or moisture in the air could cause the sealant to become cloudy after application. If this occurs, use a heat gun set for high heat, and low blow, to remove the cloudiness and help the sealant flash properly. A hair dryer set on the highest heat level, and the lowest blow setting, can also be used. You can also use this procedure to shorten the flash time and move directly to the next step. DO NOT APPLY IN THE RAIN.
8. Once the sealant is applied, carefully remove the masking paper and inspect the surrounding areas for any overspray. Wipe off any excess sealant from the surrounding bumper, hood or fender using the Lens Drier BEFORE exposing to sunlight or UV light.

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DATA

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Curing the sealant

1. Pull vehicle into sunlight or use UVA light to cure.
2. If the weather is sunny to partly cloudy, the headlight can be cured outdoors. Pull the vehicle outside positioning lenses facing sun and allow the Sealant to cure according to the following chart or until the lens is dry to the touch.

	Time for partial cure and customer can drive vehicle (10am-2pm optimum time of day for curing)
Full Sun – No Clouds	10-20 minutes after flashing
Partly Cloudy	30-45 minutes after flashing
Overcast	Not Recommended
UVA Light	10-20 minutes after flashing

3. If the weather is overcast, rainy or snowy, you will need to use the UV light, Presta UV Curing Lamp #800192. CAUTION: Exposure to UV light is hazardous and we recommend wearing eye protection to prevent damage to your eyes.
4. Position the light so the guard is no more than ½ inch from the lens surface, and do not allow the guard to come in contact with the headlight assembly.
5. On large or unusually shaped headlights, the UV light may need to be repositioned several times to properly cure the entire headlight surfaces. Allow the Sealant to cure 10 to 20 minutes at each position or until the lens is dry to the touch.
6. A freshly restored headlight should have a minimum of 8 hours of sunlight exposure before the vehicle is washed.

FAQ's

1. Storage and recommended temperature of the Headlight Sealant

- a. How should I store the sealant?
 - i. Recommended storage is at a temperature between 72°F(22°C) and 100°F(38°C).
 - ii. Keep black lid on can to protect nozzle. Exposing the nozzle to sunlight or UV light could cause clogging.

2. Curing questions

- a. How does outside temperature effect curing?
 - i. Outside temperature will not effect curing time once sealant has flashed off.
- b. What UV light do you recommend if someone is going to purchase a light?
 - i. A UVA light is safest and recommended (2-40 watt bulbs). Presta UV Curing Lamp #800192.

3. Misc. questions

- a. Can Headlight Sealant be sprayed overtop factory sealed headlight to prolong protective coating?
 - i. NO! This will not prolong the protection of your original factory sealed headlights. Factory sealant contains surface modifiers that can prevent good adhesion of the UV sealant.
- b. How long should the sealant last?
 - i. The sealant lasts 3 years without yellowing or wearing when applied correctly. However, results may vary.
- c. What type of protective equipment should I wear when I spray the sealant?
 - i. Presta recommends wearing safety glasses and gloves when spraying Headlight Sealant.
 - ii. Use only with adequate ventilation. The use of an organic vapor respirator is recommended to avoid breathing vapors.