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Technical Data Sheet

Permatex® Headlight Lens Restoration Kit

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PRODUCT DESCRIPTION

Permatex® Professional Repair Systems Headlight Lens Restoration Kit will work on most plastic headlamp lenses to restore like-new clarity, improving light output and appearance. This complete kit provides everything needed to complete the restoration, including simple step-by-step instructions with photographs.

PRODUCT BENEFITS

- Easy to use
- Everything required for repair is included
- Easy to follow instructions
- Repairs can be made in as little as 30 minutes

TYPICAL APPLICATIONS

- All plastic headlamp and tail lamp units

DIRECTIONS FOR USE

Note: This restoration kit will not restore damage to the inside of headlamps.

Kit Contents: Plastic Restoration Polish – net 1 fl. oz. (30ml), 4 industrial grade wet/dry sandpaper sheets (1000, 1500, 2000, 2500 grits, 1 polishing cloth, 1 pair disposable gloves. Note: gloves are latex. If sensitive to latex products, do not use.

1. Determine the amount of damage to the headlamp to find out which sandpaper/s to use first. For example, if the headlamp is just dull with no apparent scratches, start with the 2000-grit sandpaper (finer). If there is more damage, like light scratches, start with the 1000-grit sandpaper (roughest).
2. Pour clean water into the bottom of the kit package.
3. After determining the damage, soak the starting sandpaper and all higher number sandpapers in water for about 10 minutes.
4. Begin by using the lowest number (roughest) that has been soaked in water. Fold in two and begin to sand the headlamp using straight (not circular) strokes. For each size grit, sand in one direction only. Sand the entire surface of the headlamp and wet the sandpaper occasionally to keep it lubricated and free of abraded particles. When the surface of the headlamp appears uniform, use the next higher number sandpaper and sand in the opposite direction (for example, if the first sandpaper was right to left, the next paper should be used up and down).
5. Continue with each sandpaper grit until sanding lines from the previous sandpaper have been removed. Continue with each higher number consecutive paper until the 2500-grit paper is used. The surface of the

plastic should look very uniform, but not clear at this point.

6. Clean the surface of the headlamp with clean water and dry.
7. Shake the bottle of Plastic Restoration Polish thoroughly. Using the flannel cloth wet one corner of the cloth with the plastic polish. Apply to the headlamp and using firm pressure and a circular motion, polish the headlamp until it becomes very smooth and clear. Headlamp will start to appear clear while polishing.
8. Allow to dry and using the dry end of the flannel cloth, remove the polish residue from the headlamp lens.
9. If after polishing and removing the residue, the headlamp is not clear, repeat steps 6 and 7.
10. If small foggy areas remain, re-polish only those areas using additional plastic polish.

HELPFUL HINTS:

1. Make sure the plastic surface is completely wet while sanding. A dry surface will load (clog) the sandpaper and make it ineffective. Continue to wet the piece of sandpaper while sanding.
2. When changing sandpaper grits, change the water that will be used for wetting the lens. Particles of sanded plastic of larger grit may scratch the surface while using the finer grits.
3. When using the Plastic Restoration Polish, firm pressure must be used to completely polish out the final sanding marks. Repeating the polishing step several times may be necessary to obtain the desired gloss

PHYSICAL PROPERTIES

(Plastic Restoration Polish)

Chemical Type	Proprietary Polish Formula
Appearance	Milky White Liquid
Odor	Mild Solvent
Specific Gravity	0.99
Flash Point, COC	>212°F

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected for use with chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

ORDERING INFORMATION

Part Number	Container Size
09135	1 Complete Kit

STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

NOTE

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