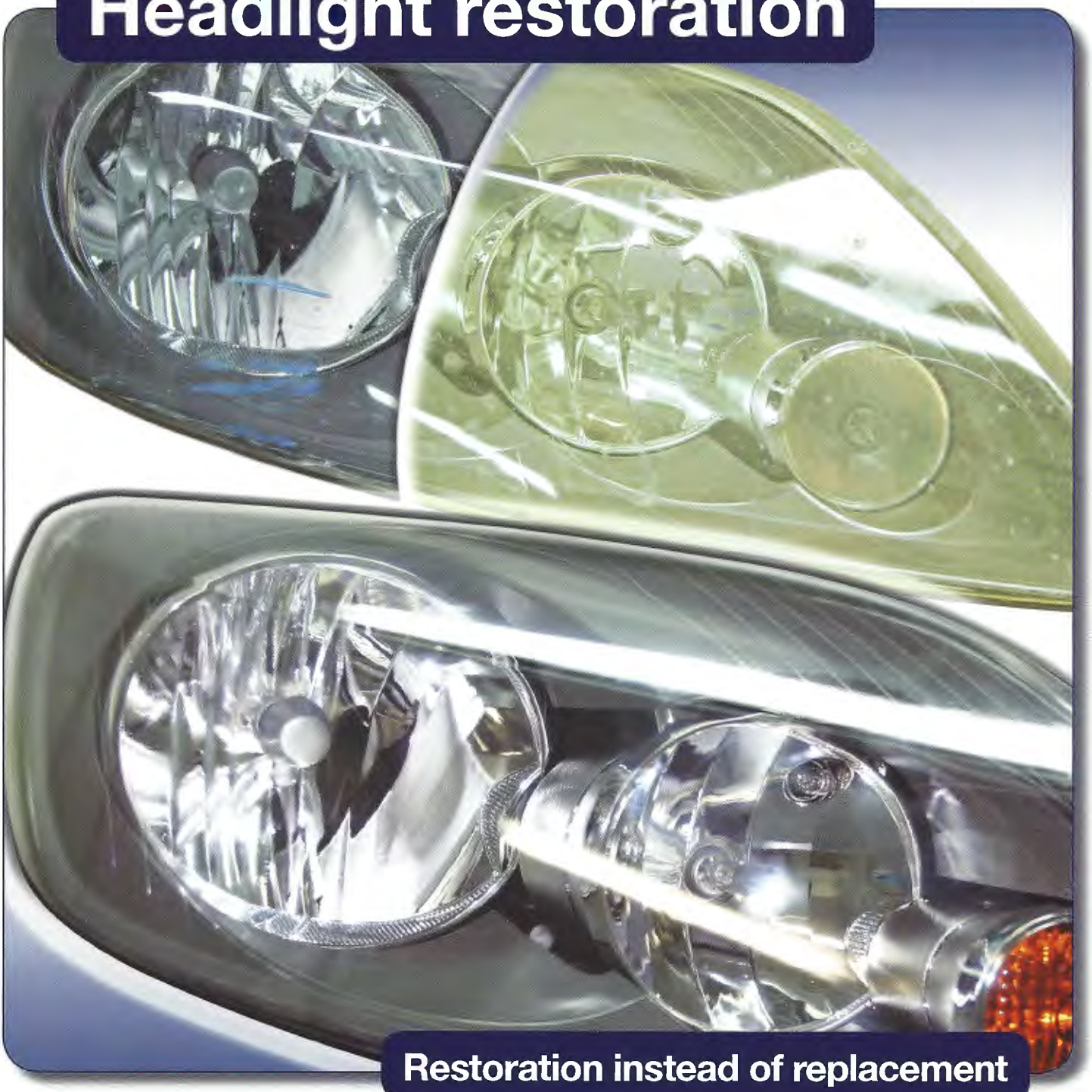
SPRAY MAX®

Headlight restoration



Restoration instead of replacement

Headlight restoration

The alternative -
restoration instead of replacement

Vehicle headlight polycarbonate lenses are permanently exposed to a variety of impacts. Road rush, UV- light, damages during parking and other mechanical influences dulls the surfaces of the polycarbonate lenses or leave scratches and marks.

- Restoration instead of replacement. Painting instead of polishing
- Can be used on all polycarbonate headlight lenses
- Water-based primer protects the polycarbonate
- Water-based primer guarantees adhesion to the surface and the clearcoat
- High elasticity of the new coat
- Permanent protection thanks to subsequent protective coating finish

Weathering of the UV-protection coating

Lightly scratches of the UV-protection coating

Heavy damage of the UV-protection coating and the plastic lens
Headlight must be replaced!

Polycarbonate lens restoration*

Clean thoroughly with SprayMax Wax & Grease Remover

Sand the complete Headlight Lens manually or use a DA sander

Use the least aggressive dry sandpaper necessary working towards a P1000. Considering the condition (weathering / scratches) of the lens

Check results every time sanding grid is changed, clean between sanding steps with SprayMax Wax & Grease Remover

Final sanding plastic lens manually with P3000 wet. Clean and dry lens with SprayMax Wax & Grease Remover

Apply SprayMax Headlightprimer with one spray pass until a full wet and opaque dull film is created.

Allow a 40 minutes flash off time at 20°C/68°F room temperature. Primer will have a milk white appearance when first applied, when primer is dry it will have a more mat transparent appearance.

First Application of SprayMax Headlight Clear Coat should be a very thin layer (misty), directly followed by a continuous, film-forming spray pass – no flash-off time required!

Drying: at 20°C/68°F room temperature overnight / or accelerated dry time by using a heat lamp at 60°C/140°F for 15min.

* For more product data see technical data sheet or process description.

Technical Data

Headlight primer, 250 ml
Art.No.: 368 4098

Headlight clear coat, 250 ml
Art.No: 368 4066

Pre-treatment Prepare headlight lens according to process description (sand/clean)	**Pre-treatment** Prepare headlight lens according to process description (only use AFTER application and drying of the Headlight primer).
Preparation Shake well for 2 minutes.	**Preparation** Activate 2K – can according to description (shake/activate/shake). Spray to test.
Test Spray to test.	**Spray pass** Create a thin, film-forming coating with approx. 1,5 spray passes
Spray pass Create a continuous film by applying one rich spray pass with Headlight primer. (looks milky while in wet condition)	**Spray distance** 10 – 15 cm / 4 - 6 inch
Spray distance 10 – 15 cm / 4 - 6 inch	**Drying** 20°C/68°F: overnight; forced: Allow a final flash-off time of 10 min then dry for 30 min at 60 °C object temperature
Drying Allow to dry for approx. 40 min at 20°C/68°F Alternatively dry with Dry Jet or Heater (max. 40°C/104°F) after 10 min. flash-off time.	**Continue** After drying overnight at room temperature (20°C/68°F) or 30 min at 60°C/140°F, if necessary use recommended fine polish against dust inclusions.
Attention Headlight primer looks slightly milky after drying. Full transparency is achieved by subsequent protective coating. After flashing off, overcoat with 2K Headlight clear coat.	**Potlife** approx. 14h / 20°C/68°F room temperature. Higher temperatures lead to a shorter / lower temperatures to a longer potlife.

Headlight repair set:
Art.No.: 368 4099

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