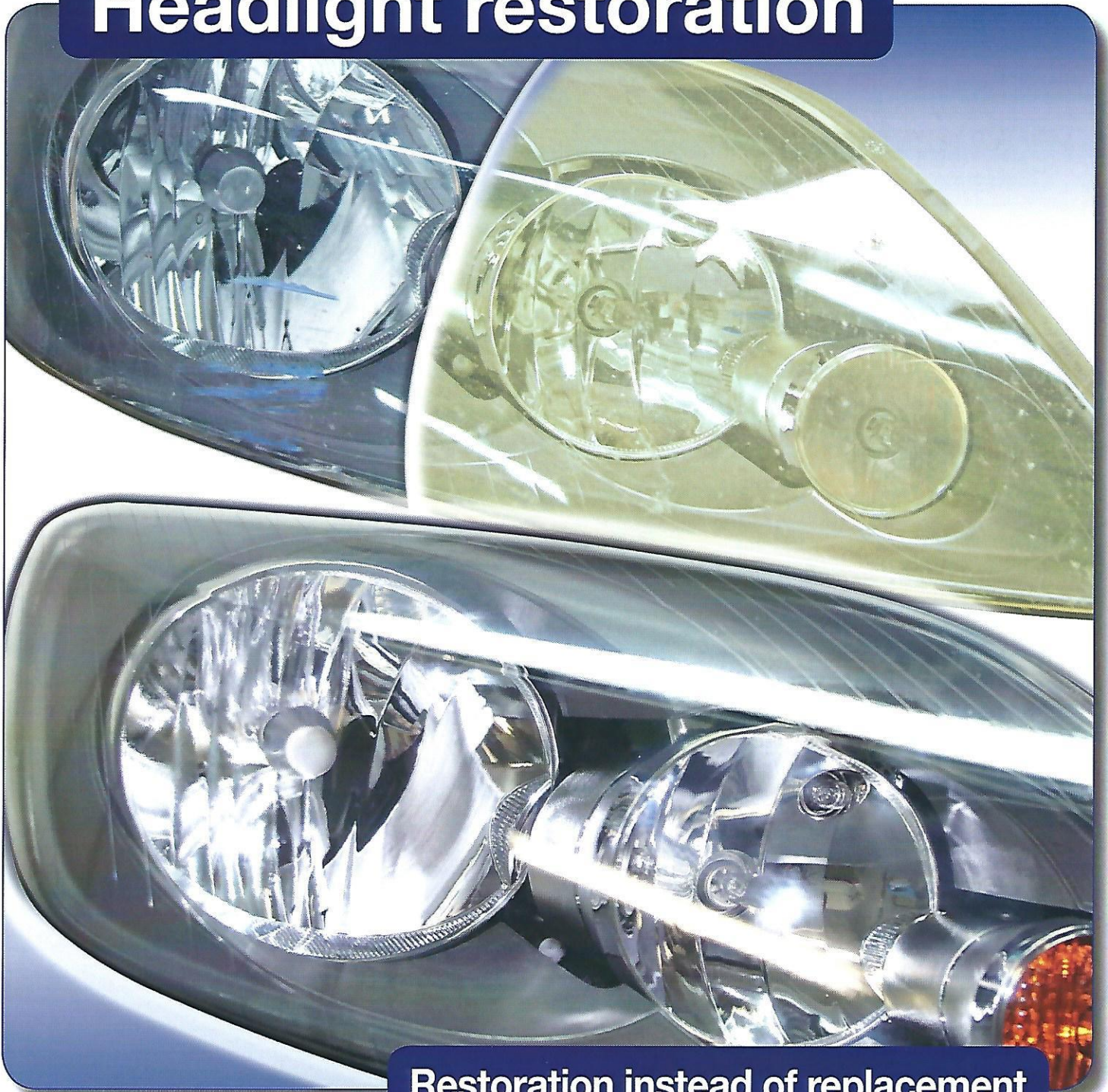




Headlight restoration



Restoration instead of replacement

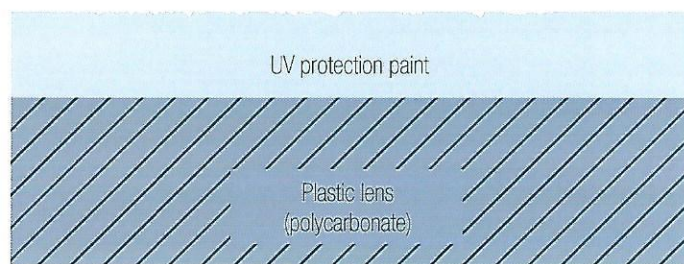
Headlight restoration

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

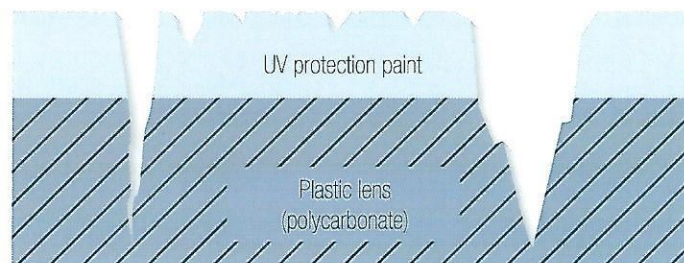
Weathering of the UV-protection coating



Lightly scratches of the UV-protection coating



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

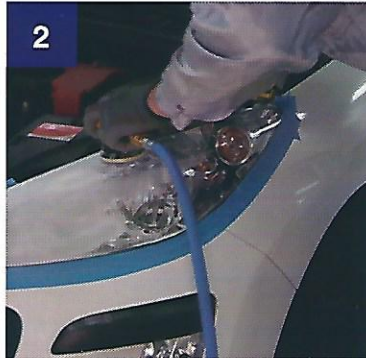


Polycarbonate lens restoration*



1

Clean thoroughly with SprayMax Wax & Grease Remover



2

Sand the complete Headlight Lens manually or use a DA sander



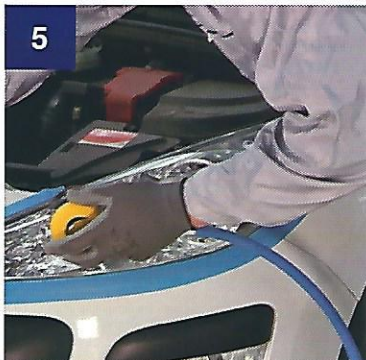
3

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



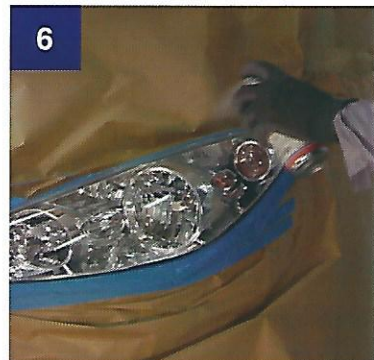
4

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



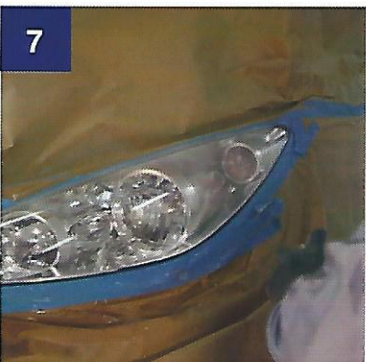
5

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



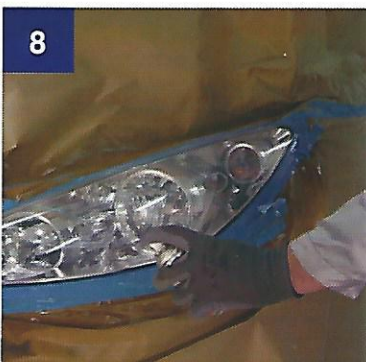
6

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



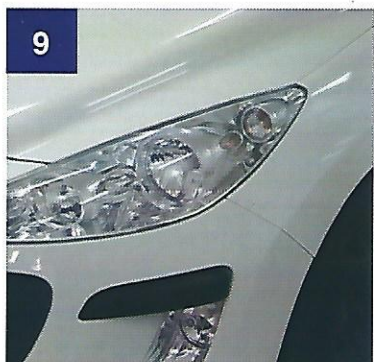
7

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.



8

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!



9

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

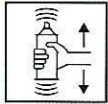


Headlight clear coat, 250 ml
Art.No: 368 4066



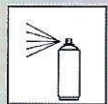
Pre-treatment

Prepare headlight lens according to process description (sand/clean)



Preparation

Shake well for 2 minutes.



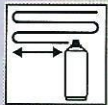
Test

Spray to test.



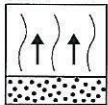
Spray pass

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



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.



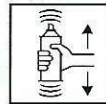
Attention

Headlight primer looks slightly milky after drying. Full transparency is achieved by subsequent protective coating. After flashing off, overcoat with 2K Headlight clear coat.



Pre-treatment

Prepare headlight lens according to process description (only use AFTER application and drying of the Headlight primer).



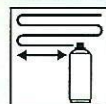
Preparation

Activate 2K – can according to description (shake/activate/shake). Spray to test.



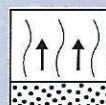
Spray pass

Create a thin, film-forming coating with approx. 1,5 spray passes



Spray distance

10 – 15 cm / 4 - 6 inch



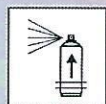
Drying

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



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.



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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