Technical Service Bulletin

94 Visual concerns with headlight lens
94 24 72 2073282/1 March 9, 2024.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
All Audi Vehicles	2010 - 2025	All	Not Applicable

Condition

Customer statement:

Customer states that there is a visual concern with the headlight(s).

Workshop findings:

The customer concern is visible at time of service.

1. The clear glass cover on the headlight has a rainbow-colored shimmer on the inside (Figure 1).

Figure 1: Rainbow-colored shimmer on the inside of lens.

2. The clear glass cover on the headlight is milky on the inside or fogged up with a grey-white coating (Figure 2).

Figure 2: Grey-white coating on the inside of the lens.

3. The headlight lens is milky on the inside or fogged up with a grey-white coating (Figure 3).

Figure 3: Grey-white coating on the inside of the lens.

4. Rings are visible on the clear glass cover when the low beam is switched on (Figures 4 and 5).

Figure 4: Rings visible with lamp switched on.

Figure 5: Rings visible with lamp switched on.

Technical Background

Examples 1, 2 and 3:

- During normal use of the vehicle, certain chemical components in the headlight may outgas over time under the influence of humidity, temperature, driving behavior and the degree of dirt on the headlight or dust filter/intake filter. These components react with the gases and humidity contained in the surrounding air. The resulting chemical compounds are deposited on the surface of the lenses or the clear glass cover in the form of a thin white-grey or transparent rainbow-colored shimmering film (Figures 1, 2, and 3).
- The interference effect, which appears as a rainbow-colored effect on the clear glass cover, can also be a side effect of the hard coating on the clear glass cover. The hard coating is applied to the clear glass cover to protect it from environmental influences.

Example 4:

- The visible rings on the lens (Figures 4 and 5) are created by the projection of the light source. This is an effect of the light reflection in the headlight (Figure 6).
- The film described in examples 1-3 increases this optical effect.

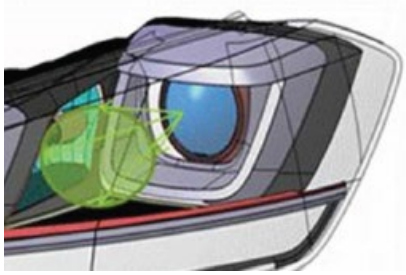


Figure 6: Rings caused by light projection.

Examples 1-4:

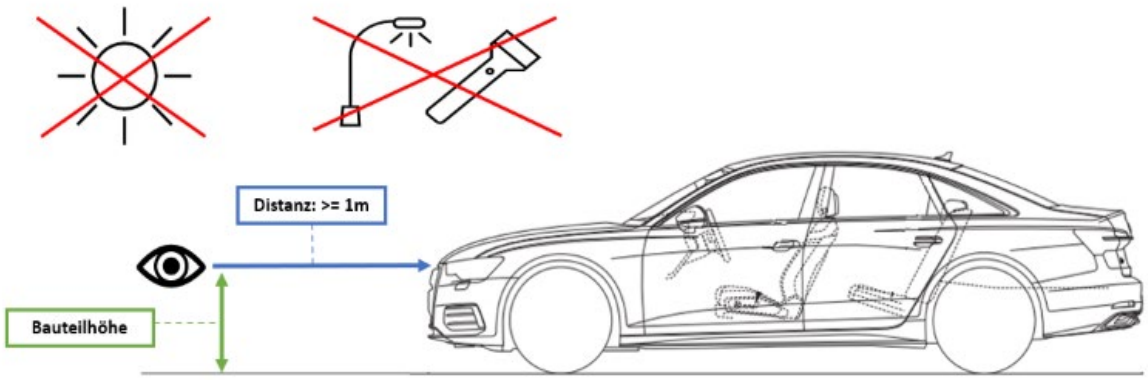
These are unavoidable optical and chemical effects produced over time. The functionality, light quality and service life of the headlight are not impaired in any way by this phenomenon.

Production Solution

Not applicable.

Service

Complaints about a milky, and/or grey-white, or rainbow-colored film must be checked following the steps below.



Test conditions:

- No direct or indirect sunlight.
- No external light sources such as spotlights or flashlights.
- Daylight-like conditions.
- Light functions (Low beams, daytime running lights, etc.) must be switched off.
- Headlights must be cleaned and dried beforehand.
- Component must be evaluated, and documentation created from a viewing angle at the level of the component and at a distance of at least 1 meter.

If the concern is **not visible** when the test conditions are met, it can be assumed that there is **no defect in the product**. It is therefore not permitted to replace the headlight under warranty!

If there is a visual concern that is going to be submitted for warranty, photo documentation clearly showing the defect must be submitted to DOCIT per TSB 2061922 (94 How to properly document optical concerns for headlights and taillights).

Warranty

This TSB is informational only and not applicable to any Audi Warranty.

Additional Information

TSB 2061922/1: *94 How to properly document optical concerns for headlights and taillights.*

All part and service references provided in this TSB (**2073282**) are subject to change and/or removal. Always with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair check Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.