



Audi

Humidity in the headlights

If customers complain about the above-mentioned problem, this doesn't necessarily mean that the headlights are actually faulty. In the case of fogging, the effective photometric light aperture has to be free after approx. 10 minutes with the low beam switched on. The rest of the lens area may still show fogging.

This condition is quite normal under certain circumstances. When the headlight is switched on, expanding heated air is expelled from the headlight through the headlight ventilation slits. When the headlight has been switched off, it cools down slowly and humid air penetrates from the outside via the ventilation slits. This humidity evaporates in the hot headlight and is precipitated onto the headlight cover lens as condensation as it cools down. This process is described as fogging. In the cold, wet season this phenomenon occurs more often. It has no detrimental effect on the headlight output, however, and there is no damage done to the headlight either (in the form of corrosion, for example).

If drops form on the cover lens, however, the seals and the cover lenses must be checked for damage the first time any complaints are raised. Then the headlight should be blown out using compressed air and observed further. If the fault continues to occur, the headlight should be replaced.