

Technical Service Bulletin

94 Xenon headlights are aimed too low

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Model(s) Year	VIN Range	Vehicle-Specific Equipment
A3	2015 - 2016	All	xenon headlights

Condition

In a vehicle with xenon headlights, one of the following conditions is present:

- The customer says that there is a "dark spot" in the middle of the xenon headlight illumination pattern over road.
- The customer says that one or both of the xenon headlights are aimed too low or do not provide enough lighting distance.

Technical Background

"Dark spot" complaints

The "dark spot" in the headlight illumination pattern is normal. It is a result of the geometry and structure of the xenon headlight (Figure 1 and Figure 2).



Figure 1. Illumination of xenon headlight.



Figure 2. Light distribution of A3 xenon headlights.

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Page 1 of 2

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The xenon headlight meets all legal regulations. This condition is normal. Adjusting or replacing the headlight will not remove the dark spot.

"Headlight aimed too low" complaints

For general complaints about this condition, use the headlight check procedure in the Elsa repair manual. Before adjusting, ensure that these critical pre-conditions are met:

- Fuel tank is at 90% or additional weight is added.
- Tire pressure meets vehicle's specifications.
- Driver's seat load or occupant is present.
- No extra equipment or items are in the trunk or in the interior compartment of the vehicle.
- Seating of the springs is correct.
- EPB is not activated.
- Vehicle is on a flat surface.
- Headlamp adjuster is located to the correct distance in front of the vehicle.
- Headlamp adjuster is set up properly with the correct inclination dimension.
- Low beam is turned on and is not set to "auto" or "high beam".

The conditions listed here are for reference. Consult the Elsa repair manual for the official pre-conditions.

Production Solution

Not applicable.

Service

If no adjustment is made, explain to the customer the design of the headlights and the pattern that is required to match legal regulations.

Warranty

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

Additional Information

All parts and service references provided in this TSB (2037810) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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