

Technical Service Bulletin



94 Headlight internal diagnosis before replacement, various concerns

94 14 54 2038597/1 October 7, 2014.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A7	2011 - 2015	All	Not Applicable

Condition

- A headlight system warning may be illuminated in the instrument cluster.
- One of the following symptoms is present:
 - A: Headlight range control inoperative.
 - B: Xenon high beam shutter inoperative on one side (low beam functioning).
 - C: Internal fan inoperative.
- Diagnosis of the concern indicates that the headlight is at fault.

Technical Background

Connector in the headlight is not properly seated.

Production Solution

Improved checks at supplier.

Service

1. Remove the affected headlight. Open service cap as needed.
2. Based on the symptom, check the appropriate connectors (by lightly pulling on them) as listed below:

For symptom A (headlight range control inoperative):

- If the vehicle is equipped with one of the following PR codes, check the connector shown below (Figure 1):
 - **8Q3** (Automatic headlight range control, dynamic)
 - **8Q5** (Automatic headlight range control, dynamic with curve headlight circuit)
 - **8Q7** (Beam length regulator, electric)



Figure 1. Check this connector on vehicles with PR codes: 8Q3, 8Q5, and 8Q7.

For symptom B (Xenon high beam shutter inoperative on one side (low beam functioning)):

- If the vehicle is equipped with the following PR code, check the connector shown below (Figure 2):
 - **8Q3** (Automatic headlight range control, dynamic)



Figure 2. Check this connector on vehicles with PR code 8Q3.

For symptom C (Internal fan inoperative):

- If the vehicle is equipped with one of the following PR codes, check the connector shown below (Figure 3):
 - **8EX** (LED main headlights)
 - **8EY** (LED main headlights)



Figure 3. Check this connector on vehicles with PR codes 8EX and 8EY.

3. If any connectors are not correctly plugged in, check connector for damage. If no damage is found, reconnect the connector. Do not use a screwdriver or other metal object. If all connectors were plugged in correctly, this bulletin does not apply.
4. Reconnect the headlight to the vehicle, then check the headlight operation. It is not necessary to fully install the headlight to test the headlight operation.
5. If headlight operation is fully restored, fit and adjust the headlight. Additional adaptations (radar sensor, overhead camera, night vision) may be necessary, depending on vehicle equipment.

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Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9415		
Damage Code:	0028		
Labor Operations:	One headlight assembly remove + reinstall	9415 1950	20 TU
	Headlight assembly adjust	9415 1600	20 TU
	Front bumper cover remove + reinstall	6329 1900	90 TU
	Repair one headlamp	9415 0199	10 TU
	Radar sensor adjust (if necessary)	9163 1650	90 TU
	Radar sensor checked + adjusted (if necessary)	9163 0550	30 TU
	Vehicle front and rear checked (if necessary)	4495 0100	70 TU
	Overhead view camera adjust (if necessary)	9083 1500	70 TU
	Camera for night vision system adjust (if necessary)	9080 1550	40 TU
Diagnostic Time:	GFF	0150 0000	Time stated on diagnostic protocol (Max 100 TU)
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	0121 0004	10 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2038597/1		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

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Additional Information

All parts and service references provided in this TSB (2038597) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.