

Technical Service Bulletin



96 Lane assist inoperative

96 13 69 2034516/1 July 12, 2013.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6	2012 – 2015	All	Audi lane assist
A7	2012 – 2015		
A8	2011 – 2015		

Condition

- Road lane markings are not detected or the Audi lane assist system is inoperative after the lane assist camera control module, J852, has been calibrated, the windshield has been replaced, or the air suspension level sensors have been adapted.
- A DTC for incorrect calibration may be stored in the camera control module (address word 85).

Technical Background

The camera control module has not been properly calibrated; there is no technical problem.

Production Solution

Not applicable.

Service

Perform the camera calibration again, observing the following:

Position of the calibration board on VAS 6430:

- The calibration board, VAS 6430/4 (Figure 1), must be positioned centrally on the VAS 6430/1 calibration device. The calibration board can get moved during ACC adjustment and the related moving of the ACC adjustment mirrors.



Figure 1. Calibration board, VAS 6430/4.

- Make sure that the calibration board is in the center position. This can be checked using the 3 lines on the calibration board (Figure 2).

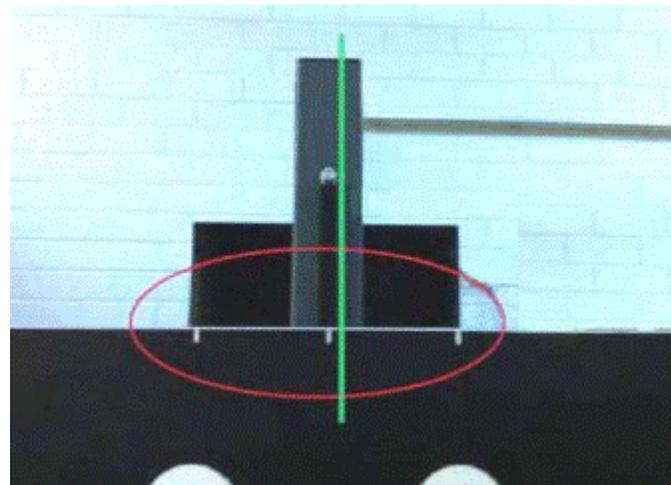


Figure 2. Calibration board centered on VAS 6430/1.

Height dimension of the fenders:

- The height dimensions for the calibration of the camera control module differ from the dimensions used for adapting the level sensors of the air suspension.
- Measure the lower edge of the fender to the wheel contact surface and not to the wheel center (Figure 3). Observe the measuring units (mm, cm).

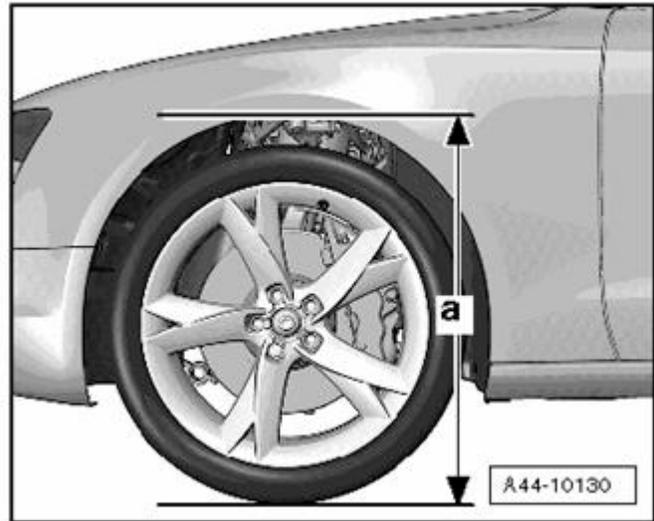


Figure 3. Measurement of fender height.

“Z” Height dimension (alignment rack to floor):

- If the alignment software does not ask for the “Z” height, ensure the alignment software is up to date and reboot the alignment machine. When using an in-ground alignment rack it must be raised to the first lock.



Tip: Replacement of parts is not a warrantable concern.

Warranty

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

Required Parts and Tools

Part Number	Part Description	Quantity
VAS 6430	Calibration device	1

Additional Information

More information on this system can be found in the following resources:

- WBT: 960134 *Audi Driver Assistance Systems Calibration*
- SSP: 911703 *Audi Lane Assist System*
- SSP: 970203 *The 2011 Audi A8 Driver Assistance Systems*
- SSP: 990503 *The 2012 Audi A7 Convenience Electronics and Audi Active Lane Assist*

All parts and service references provided in this TSB (2034516) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.