

Technical Service Bulletin



90 Overhead view camera - picture from side cameras in rear area distorted

90 15 56 2041636/1 August 6, 2015.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A8	2016	Applies only to specific VINs	Not Applicable

Condition

The picture from one or both of the cameras in the exterior mirrors is distorted in the rear area (Figure 1 and Figure 2).

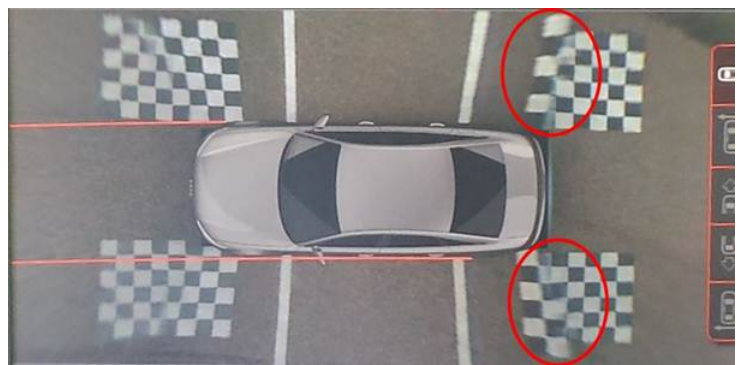


Figure 1. Example of distortion.



Figure 2. Example of distortion.

Technical Background

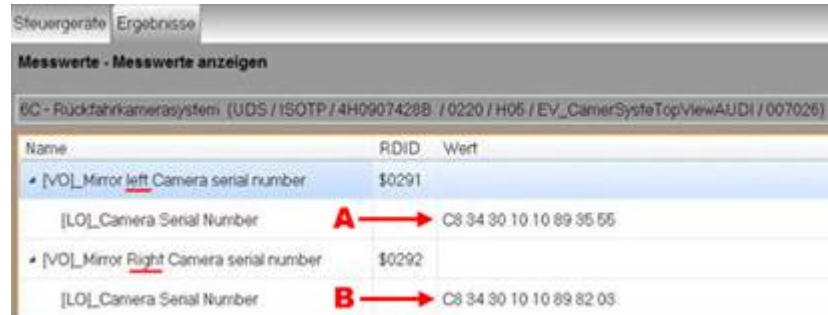
There are deviating calibration values in the camera.

Production Solution

Improved cameras with updated calibration values.

Service

1. Find the serial number of the camera(s). The serial numbers can be found in the measured values of the rearview camera system control module, J772 (address word 6C) (Figure 3).



The screenshot shows a diagnostic tool interface with a table of measured values. The table has three columns: Name, RDID, and Wert. The first row is expanded to show a list of camera serial numbers for the left mirror. The second row is expanded to show a list of camera serial numbers for the right mirror. Red arrows labeled 'A' and 'B' point to the serial numbers in the 'Wert' column.

Name	RDID	Wert
• [VO]_Mirror <u>left</u> Camera serial number	\$0291	
[LO]_Camera Serial Number	A →	C8 34 30 10 10 89 35 55
• [VO]_Mirror <u>Right</u> Camera serial number	\$0292	
[LO]_Camera Serial Number	B →	C8 34 30 10 10 89 82 03

Figure 3. Left mirror camera serial number (A); right mirror camera serial number (B).

2. Check the serial number of the camera against the list of serial numbers in the attached PDF.
Use CTRL+F to open the search window in the PDF document.
3. If the camera's serial number is on the list, replace the camera.

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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:	9080		
Damage Code:	0040		
Labor Operations:	If replacing one camera:		
	Overhead view camera remove+reinstall	9083 1905	30 TU
	Overhead view camera adjust	9083 1500	70 TU
	If replacing two cameras:		
	2 overhead view camera remove+reinstall	9083 2005	50 TU
	2 overhead view camera adjust	9083 1600	110 TU
Diagnostic Time:	GFF – Checking and clearing fault codes included in existing labor operations	0150 0000	Time stated on diagnostic protocol (Max 50 TU)
	Road test prior to service procedure	0121 0002	10 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 #2041636/1		

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.

Additional Information

All parts and service references provided in this TSB (2041636) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.