

Technical Service Bulletin



91 Rearview camera intermittently inoperative (DTC 2203)

91 16 48 2041430/3 June 23, 2016. Supersedes Technical Service Bulletin Group 91 number 15-19 dated October 15, 2015 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4	2013 - 2016	All	With rearview camera
A5	2013 - 2016	All	With rearview camera
A5 Cabriolet	2013 - 2016	All	With rearview camera
A6	2014 - 2015	All	With rearview camera
A7	2014 - 2015	All	With rearview camera
A8	2013 - 2016	All	With rearview camera
Q3	2015 - 2016	All	With rearview camera
Q5	2013 - 2016	All	With rearview camera
Q7	2013 - 2015	All	With rearview camera

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Service</i> (Completely revised)
2	10/15/2015	Revised <i>Service</i> (Changed step 3) Revised <i>Warranty</i> (Corrected TU for A5 cabriolet)
1	7/22/2015	Initial publication

- The customer complains that the rearview camera image is not displayed on the MMI display.
- **DTC 02203** (audio/video input 1) is logged in the rearview camera system control module, J772 (address word 6C) with one of the following fault symptoms:
 - 11 open circuit
 - 8 implausible signal

Technical Background

An issue with the wiring harness may cause the condition.

Production Solution

Not applicable.

Service

1. Before proceeding, confirm that the DTC and one of the fault symptoms listed in the *Condition* are logged in the rearview camera system control module, J772 (address word 6C). If the DTC is not listed with one of the fault symptoms, this bulletin does not apply.
2. Check the wiring of the R189 reverse camera at connector T2az and T1y (Figure 1). Repair any loose connectors or pins, corrosion, or any other physical damage.

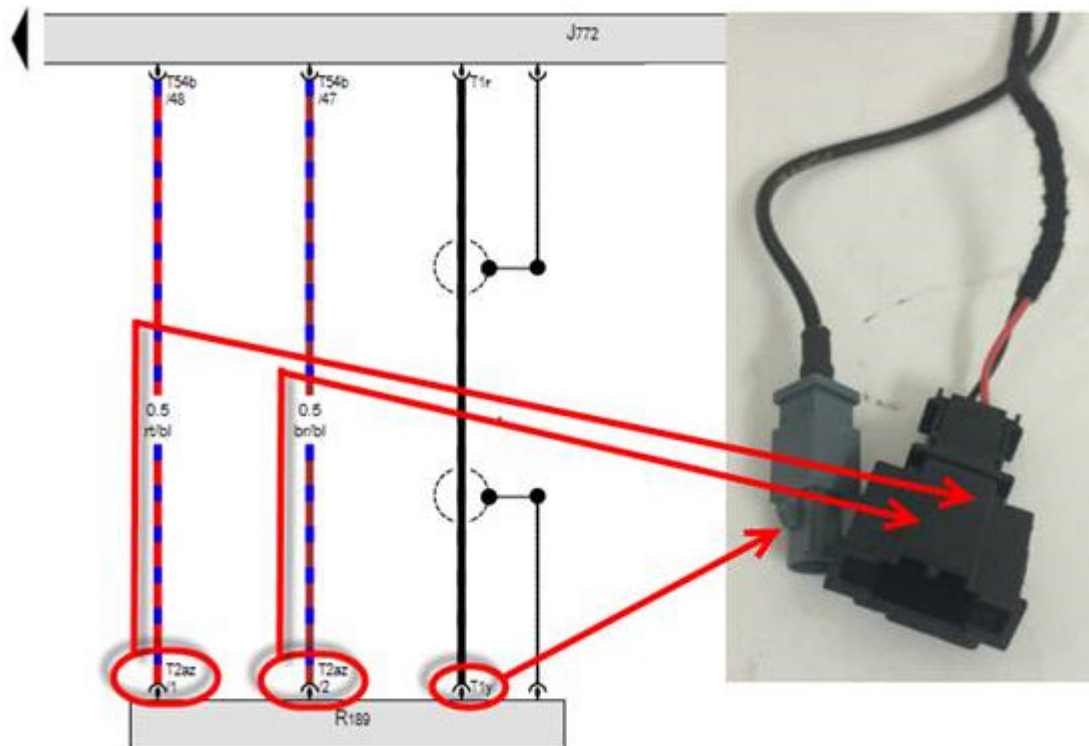


Figure 1. Check the wiring of the R189 reverse camera at connector T2az and T1y.

If no problems are found with the wiring or connections of the rear view camera, continue to step 3 to replace the rear view camera harness (Figure 2).



Figure 2. Reverse camera harness to be replaced.

3. Remove the reversing camera from vehicle. Follow applicable steps in the Elsa repair manual for the specific vehicle.

4. Remove the original harness from the reverse camera (Figure 3):

- First, locate the locking tab on the reverse camera harness.
- Next, using a small flat head screw driver, lift up on the locking tab.
- Finally, snap the old locking tab off the defective harness to prevent reuse.

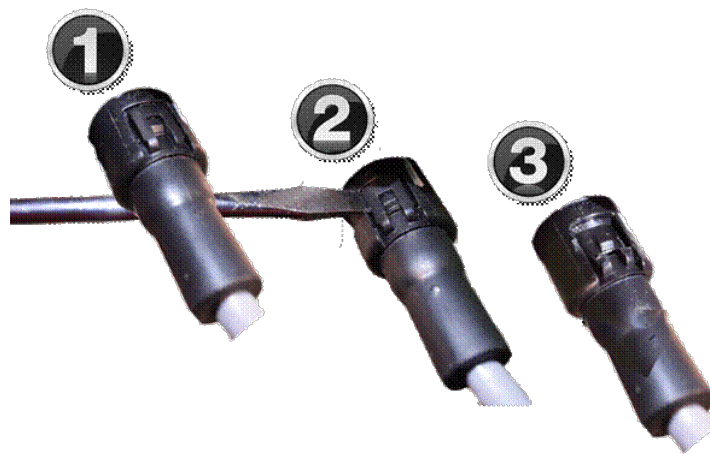


Figure 3. Locate locking tab (1), lift up on tab with screwdriver (2), snap tab off (3).

5. Carefully install the new reverse camera harness onto the camera assembly, as the harness can only be installed one way. The connector is keyed on both the camera and the electrical harness to prevent incorrect installation. Ensure they are correctly aligned during installation (Figure 4).

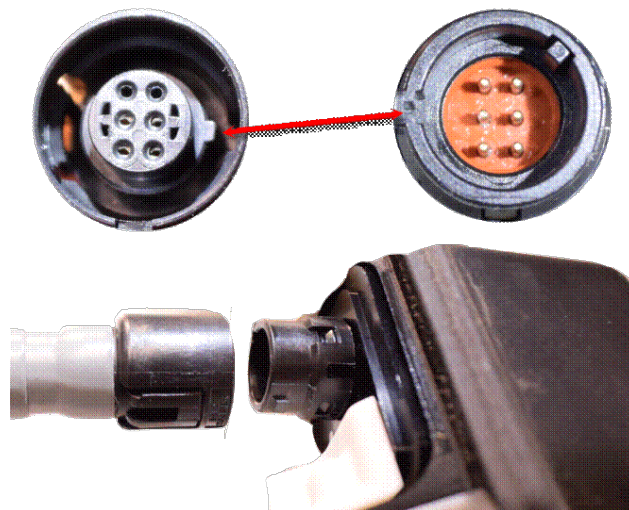


Figure 4. When installing the new reverse camera harness onto the camera assembly, ensure that the connectors are correctly aligned.

6. When the harness is fully secured to the camera, there will be an audible click sound. The sound is caused when the locking tab falls into place.

7. Reinstall the completed reverse camera assembly, following instructions as outlined in the Elsa repair manual for the specific vehicle (Figure 5).

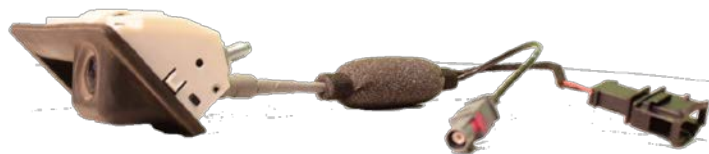


Figure 5. Completed reverse camera assembly with new electrical harness.

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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:	9143		
Damage Code:	0040		
Labor Operations:	For all vehicles:		
	Central wiring harness repair	9709 41XX	See Elsa
	For A4, A5:		
	Rear trunk lid trim remove+reinstall	7087 1900	30 TU
	Back-up camera remove+reinstall	9143 1950	10 TU
	Back-up camera adjust	9143 1550	50 TU
	For allroad:		
	Tailgate trim panel remove+reinstall	7092 1900	40 TU
	Back-up camera remove+reinstall	9143 1951	10 TU
	Back-up camera adjust	9143 1550	50 TU
	For A5 cabriolet:		
	Rear trunk lid trim remove+reinstall	7087 1900	30 TU
	Back-up camera remove+reinstall	9143 1950	10 TU
	Back-up camera adjust	9143 1550	50 TU
	For A6:		
	Rear trunk lid trim remove+reinstall	7087 1900	50 TU
	Back-up camera remove+reinstall	9143 1950	10 TU
	Back-up camera adjust	9143 1550	50 TU
	For A7:		
	Back-up camera remove+reinstall	9143 1900	70 TU
Back-up camera adjust	9143 1550	50 TU	
For A8:			

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	Back-up camera remove+reinstall	9143 1900	70 TU
	Back-up camera adjust	9143 1550	50 TU
	For Q3:		
	Tailgate trim panel remove+reinstall	7092 1900	30 TU
	Back-up camera remove+reinstall	9143 1950	10 TU
	Back-up camera adjust	9143 1550	50 TU
	For Q5:		
	Tailgate trim panel remove+reinstall	7092 1900	40 TU
	Back-up camera remove+reinstall	9143 1950	10 TU
	Back-up camera adjust	9143 1550	50 TU
	For Q7:		
	Tailgate trim panel (top) remove+reinstall	7092 1905	20 TU
	Tailgate trim panel (lower) remove+reinstall	7092 1950	40 TU
	Back-up camera remove+reinstall	9143 1950	20 TU
	Back-up camera adjust	9143 1550	50 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	No allowance	0 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 #2041430/3		

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.



Required Parts and Tools

Part Number	Part Description	Quantity
8K0971086D	Harness	1

Additional Information

All parts and service references provided in this TSB (2041430) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.