



# Technical Service Bulletin

## 91 Rearview camera intermittently inoperative, DTC 02203 is stored in the rearview camera control module

91 19 03 2041430/7 October 22, 2019. Supersedes Technical Service Bulletin Group 91 number 19-92 dated September 27, 2019 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q3	2015 - 2018	All	With rearview camera
A4	2013 - 2016	All	With rearview camera
A6, A7	2011 - 2015	All	With rearview camera
A5, A5 Cabriolet, and Q5	2013 - 2017	All	With rearview camera

## Condition

REVISION HISTORY		
Revision	Date	Purpose
7	-	Revised header (Added model years)
6	09/27/2019	Revised title Revised header (Added model years)
5	02/01/2019	Revised header (Removed A8 and Q7)

### Customer states:

- The rearview camera image is not displayed on the MMI display.

### Workshop findings:

The following DTC is logged in the rearview camera system control module, J772 (address word 006C):

- **DTC 02203** (audio/video input 1) 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.



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## 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 006C). 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.

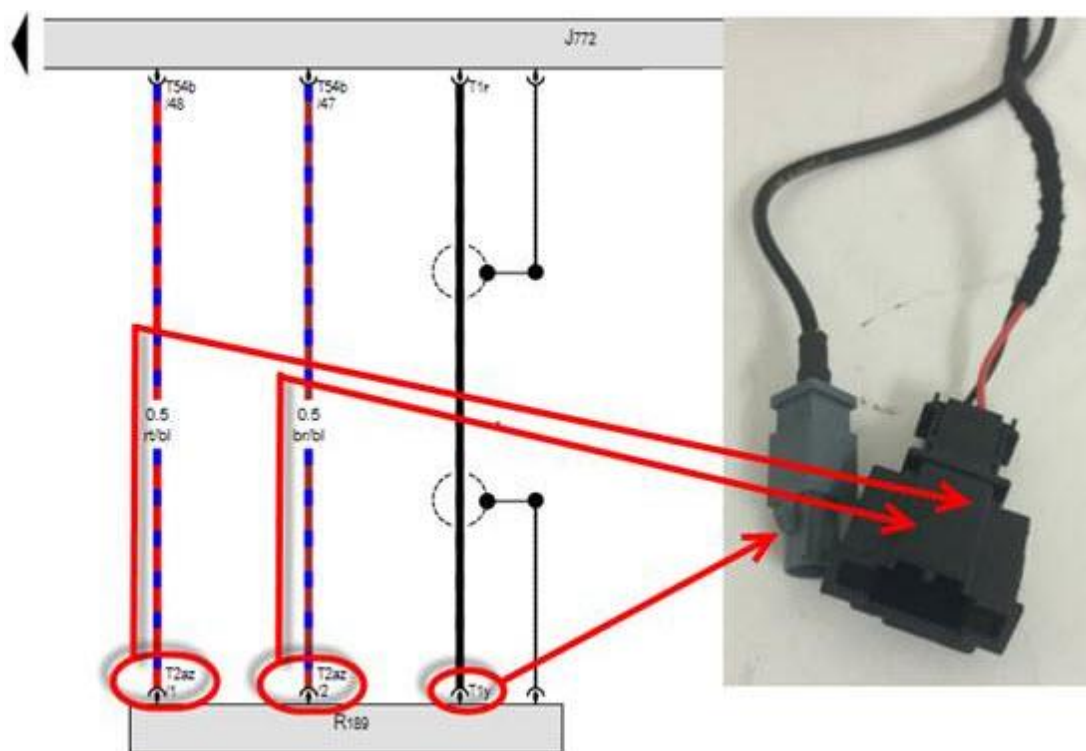


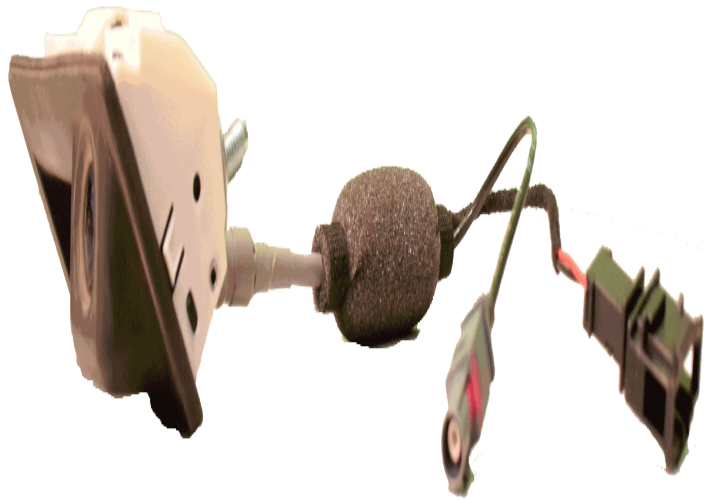
Figure 1. Check the wiring of the R189 reverse camera at connector T2az and T1y.



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



*Figure 2. Reverse camera harness to be replaced.*

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



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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 screwdriver, lift up on the locking tab.
- Finally, snap the old locking tab off the defective harness to prevent reuse.



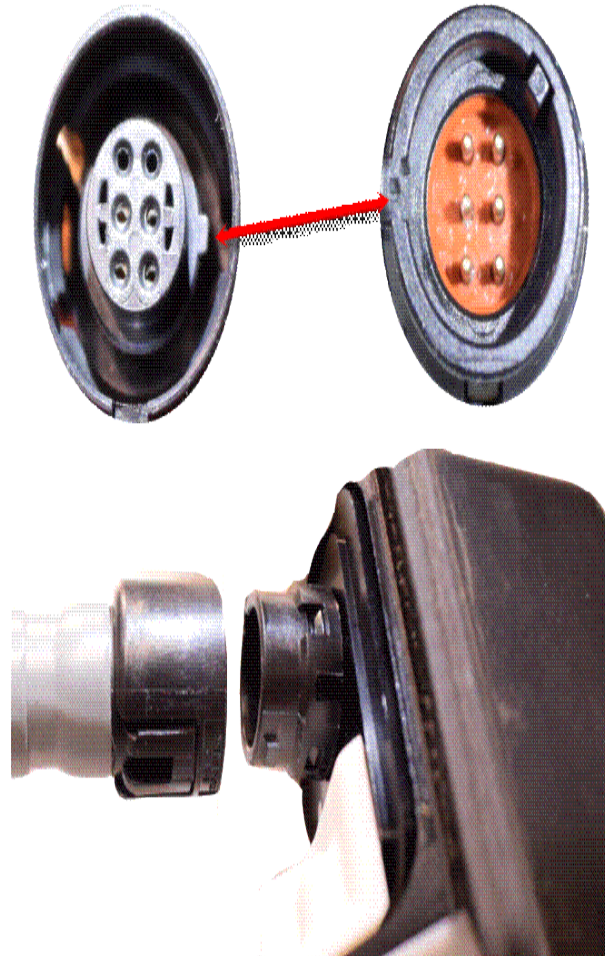
**Figure 3.** Locate locking tab (1), lift up on the tab with a screwdriver (2), snap tab off (3).



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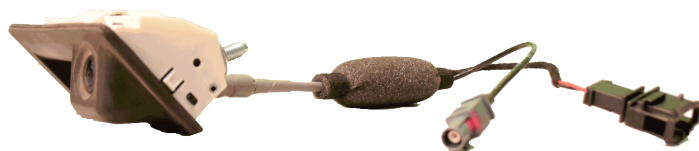
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- Carefully install the new reverse camera harness onto the camera assembly, as the harness can only be installed one way. The connector is keyed on both the camera and the electrical harness to prevent incorrect installation. Ensure they are correctly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

- 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.
- 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 a new electrical harness.



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## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"> <li>• 110 up to 48 Months/50,000 Miles.</li> <li>• G10 for CPO Covered Vehicles – Verify Owner.</li> <li>• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li> </ul>		
<b>Service Number:</b>	9143		
<b>Damage Code:</b>	0040		
<b>Labor Operations:</b>	<b>All vehicles:</b>		
	Central wiring harness repair	9709 41XX	See SRT
	<b>A4 and A5:</b>		
	Rear trunk lid trim remove + reinstall	7087 1900	See SRT
	Back-up camera remove + reinstall	9143 1950	See SRT
	Back-up camera adjust	9143 1550	See SRT
	<b>allroad:</b>		
	Tailgate trim panel remove + reinstall	7092 1900	See SRT
	Back-up camera remove + reinstall	9143 1951	See SRT
	Back-up camera adjust	9143 1550	See SRT
	<b>A5 Cabriolet:</b>		
	Rear trunk lid trim remove + reinstall	7087 1900	See SRT
	Back-up camera remove + reinstall	9143 1950	See SRT
	Back-up camera adjust	9143 1550	See SRT
	<b>A6:</b>		
	Rear trunk lid trim remove + reinstall	7087 1900	See SRT
	Back-up camera remove + reinstall	9143 1950	See SRT
	Back-up camera adjust	9143 1550	See SRT
	<b>A7:</b>		



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	Back-up camera remove + reinstall	9143 1900	See SRT
	Back-up camera adjust	9143 1550	See SRT
	<b>Q3:</b>		
	Tailgate trim panel remove + reinstall	7092 1900	See SRT
	Back-up camera remove + reinstall	9143 1950	See SRT
	Back-up camera adjust	9143 1550	See SRT
	<b>Q5:</b>		
	Tailgate trim panel remove + reinstall	7092 1900	See SRT
	Back-up camera remove + reinstall	9143 1950	See SRT
	Back-up camera adjust	9143 1550	See SRT
<b>Diagnostic Time:</b>	GFF	0150 0000	Time stated on the diagnostic protocol (Max 100 TU)
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
<b>Claim Comment:</b>	As per TSB #2041430/7		

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

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
8K0971086D	Harness	01
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA



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## Additional Information

All parts and service references provided in this TSB (2041430) are subject to change and/or removal.

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