



Technical Service Bulletin

91 Rearview camera intermittently inoperative (DTC 02283)

91 16 88 2045927/1 November 11, 2016.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A5	2008 - 2017	All	Rearview camera
A5 cabriolet	2010 - 2017	All	Rearview camera

Condition

Customer may report that:

- The reversing camera does not work, or the image flickers.
- **DTC 02283** (Video Cable Interruption) is stored in the rearview camera system control module J772 (address word 006C).

Technical Background

Deviations in the coaxial cable between rearview camera system control module and infotainment control module.

Production Solution

Not applicable.

Service

1. Validate the customer concern by:

- Check for a DTC in the rearview camera system control module J772 (address word 006C). **DTC 02283** (Video Cable Interruption) should be the only DTC found.
- The concern can be reproduced by wiggling the green Fakra connection on the rearview camera system control module J772 (address word 006C).

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If the customer's concern cannot be validated by the steps above, then continue diagnosis outside of this TSB.

2. After the concern has been duplicated, and isolated to the Fakra connector at the rearview camera system control module J772 (address word 006C). A replacement of the green Fakra connector must be made:
 - Aerial plug adapter 8T0971192 will need to be installed (Figure 1B, Image E).
 - A new female coax terminal 000979910 and connector 6Q0035576K will need to be installed on the vehicle harness (Figure 1B, Image D).

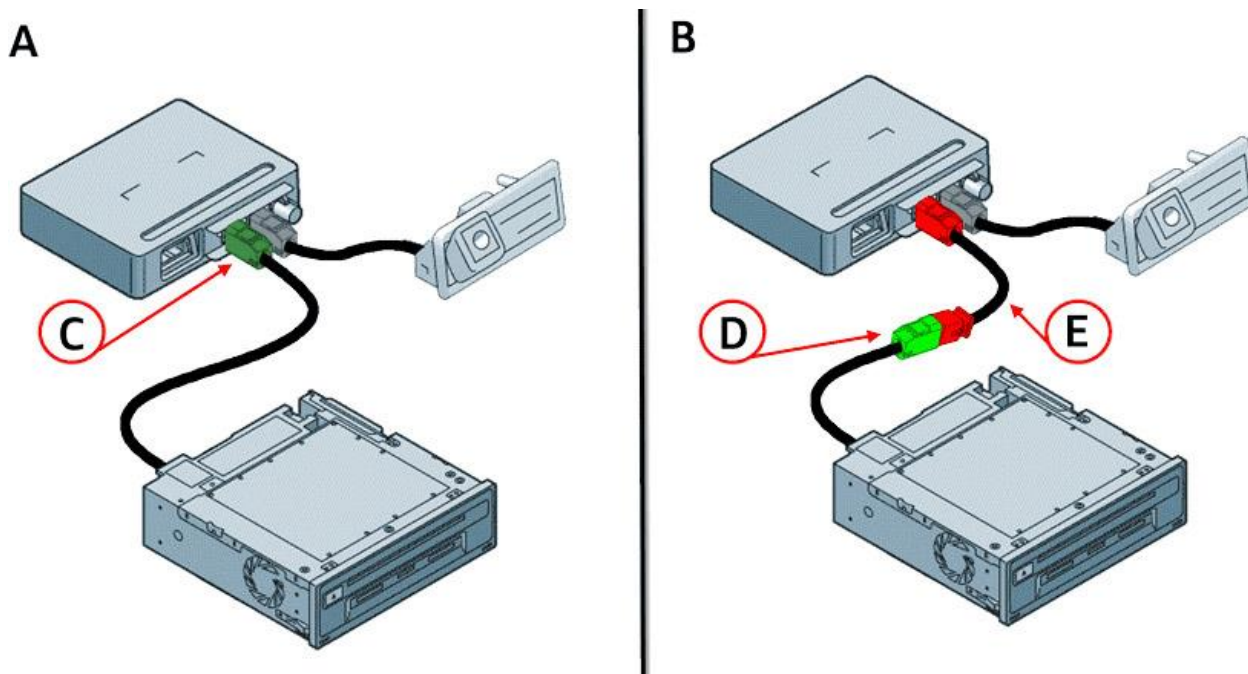


Figure 1. Image A: original reverse camera image wiring configuration. Image B: modified reverse camera wiring configuration. Modified wiring configuration replaces original green Fakra connector terminal (C) by installing aerial plug adapter 8T0971192 (E). Original harness is modified with the installation of a new female Fakra connector terminal (D).

3. Gain access to the rearview camera system control module J772 (address word 006C) in the right rear trunk by opening the right luggage compartment storage bin. Consult the repair manual for instructions.
4. Add additional slack to coaxial wire harness, this will remove unwanted tension from the connectors:



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- Unplug both the green and grey Fakra connectors from the reversing camera control unit (Figure 2, Image A).
- Open the body harness along the path of the coaxial wiring by carefully cutting the fleece adhesive tape of the body harness (Figure 2, Image B).
- Cut the fleece adhesive tape back to the end stop of the harness retainer clip (Figure 2, Image C).



Note:

Be sure to utilize lacing tape cutters, or similar tooling when removing the fleece tape to help ensure that there is no damage to the wiring harness.

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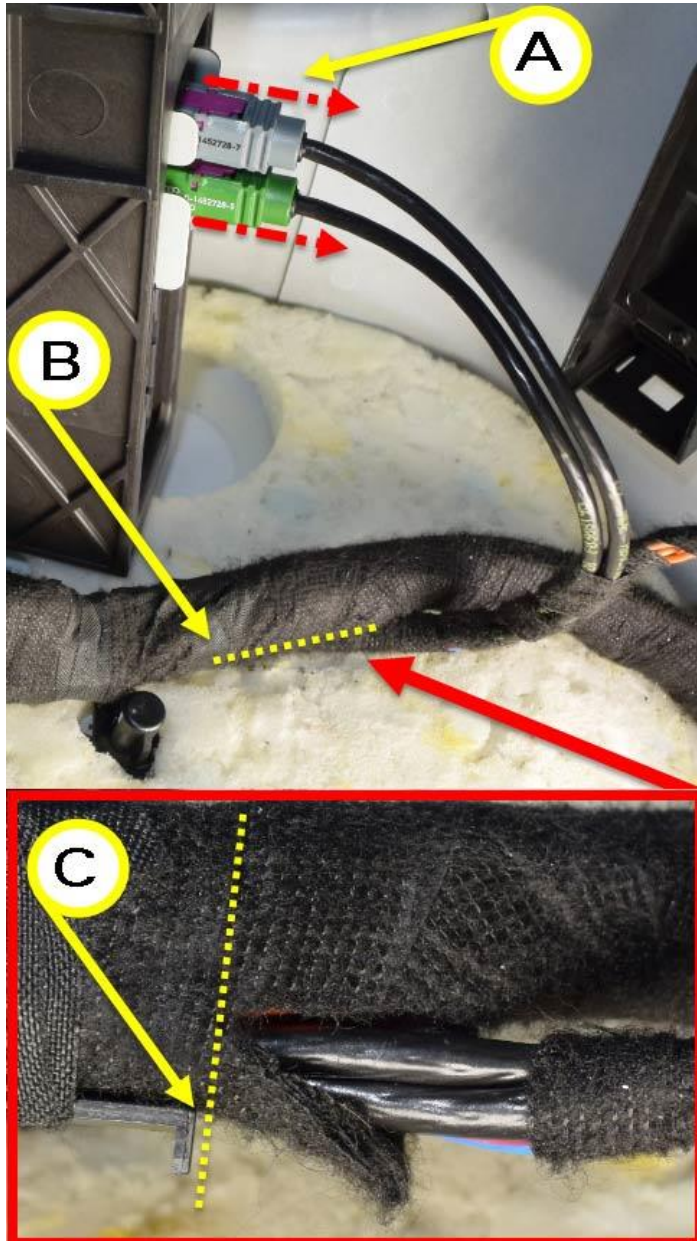


Figure 2. Unplug both the green and grey Fakra connectors from the rearview camera system control module (A). Open the body harness along the path of the coaxial wiring by carefully cutting the fleece

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adhesive tape of the body harness. This cut line is represented by dotted line (B). The cut line stops at the end stop of the harness retainer, shown by dotted line (C).

5. Remove the existing female coax terminal in the green Fakra connector and install a new replacement female coax terminal and connector:

- Cut the coax wire where it connects to the green Fakra connector (Figure 3, Image A).

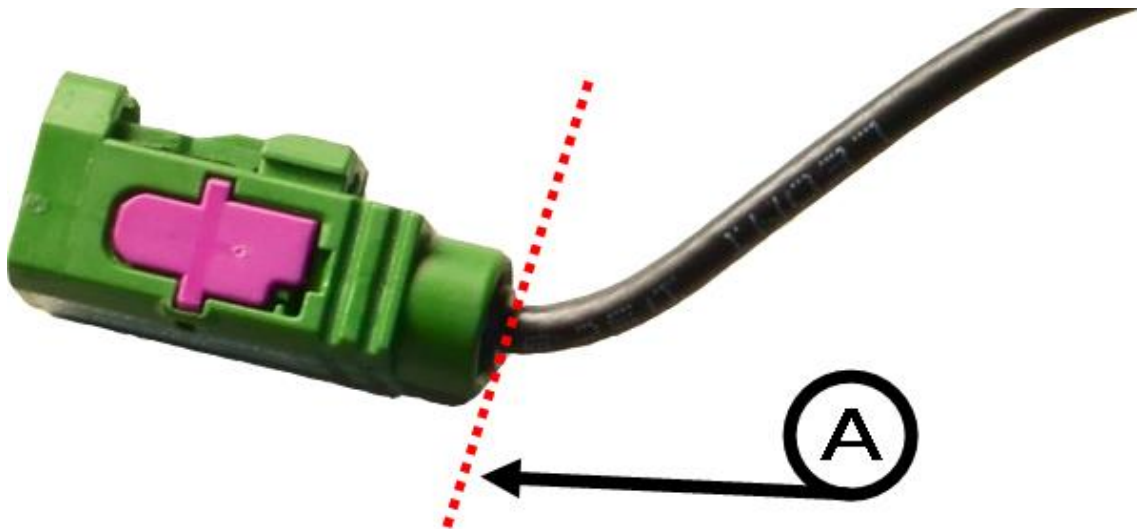


Figure 3. Cut the coax wire at dotted line (A), where it connects to the green Fakra connector.

- Using the VAS 6720, crimp on a new female Fakra coax terminal.
 - Install a new plastic Fakra connector housing (6Q0035576K) onto the new terminal end.
6. Connect newly installed wiring:
- Reconnect the grey Fakra connector to the rearview camera system control module J772 (Figure 4, Image A).
 - Connect the aerial plug adapter 8T0971192 into rearview camera system control module J772 (Figure 4, Image B).
 - Connect the other end of the aerial plug adapter 8T0971192 to the terminal end installed in step 5 (Figure 4, Image D).
 - Secure the new wiring to the rear cover wiring harness (Figure 4, Image E) with a piece of fleece adhesive tape (Figure 4, Image C).
 - Ensure there are no kinks, bends, or strain on the new wiring.

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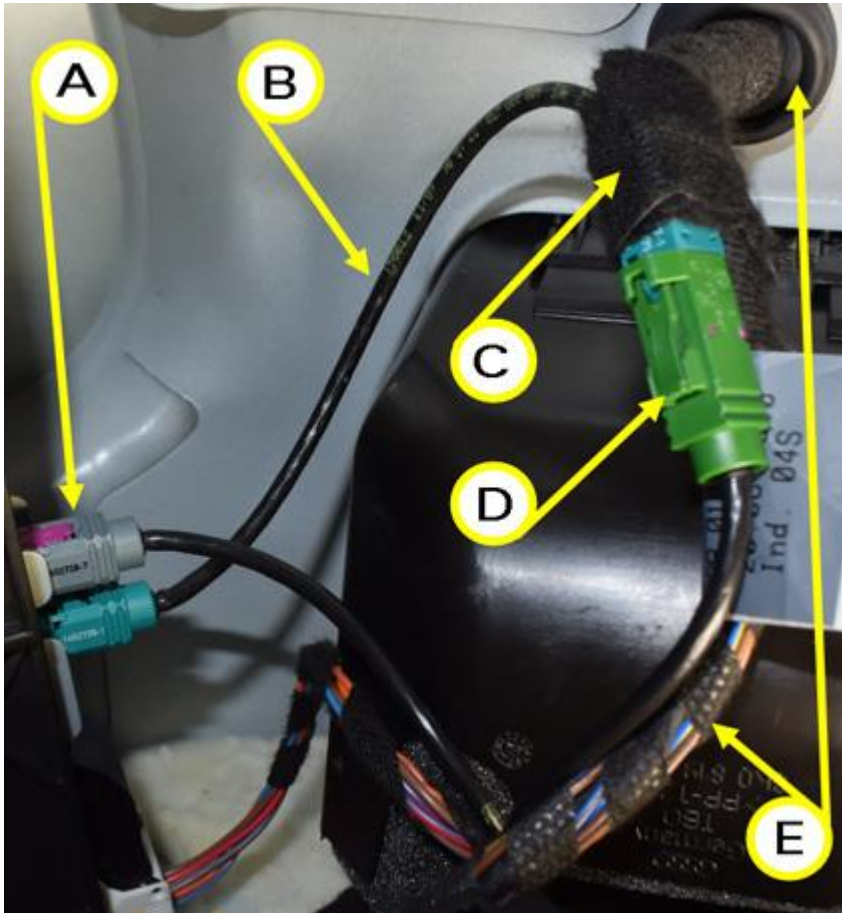


Figure 4. Reconnect grey Fakra connector (A) to the rearview camera system control module J772. Connect the aerial plug adapter 8T0971192 (B) to the rearview camera system control module J772. Connect the other end of the aerial plug adapter to the newly installed Fakra connector on the main body harness (D). Secure the new coaxial wire to the rear cover wire harness (E) with a piece of fleece adhesive tape (C). Ensure there are no kinks, bends, or strain on the coaxial wiring.

7. Close the right luggage compartment storage bin.
8. Clear all DTC's and perform a function check of the reverse camera system.



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Warranty

Claim Type:	<ul style="list-style-type: none"> • 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If vehicle is outside any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	9709		
Damage Code:	0040		
Labor Operations:	Central wiring harness repair	9709 4199	90 TU
Diagnostic Time:	GFF	0150 0000	Time stated on diagnostic protocol (Max 60 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 #2045927/1		

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.

Required Parts and Tools

Part Number	Part Description	Quantity
000979910	Aerial female connector – RTK031	01
6Q0035576K	Connector Housing	01
8T0971192	Adapter antenna cable	01



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D373125A2	Fleece adhesive tape	Consumable; accounting under warranty/goodwill not permitted.
VAS 6720	Antenna (Aerial) Cable Repair Set	00

Additional Information

All parts and service references provided in this TSB (20457360) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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