



Technical Service Bulletin

91 Rearview backup camera is inoperative

91 16 87 2045730/1 November 7, 2016.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3	2013 - 2016	All	Rearview camera

Condition

Customer may report that:

- The reversing camera does not work, or the image flickers.
- **DTC B125C13** (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 B125C13** (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).
 - If the customer's concern cannot be validated by the steps above, then continue diagnosis outside of this TSB.

Technical Service Bulletin

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 90° Fakra connector must be made:
- Aerial plug adapter 000098710A will need to be installed (Figure 1A, Image E).
 - A female coax terminal will need to be installed on the vehicle harness (Figure 1B, Image D).

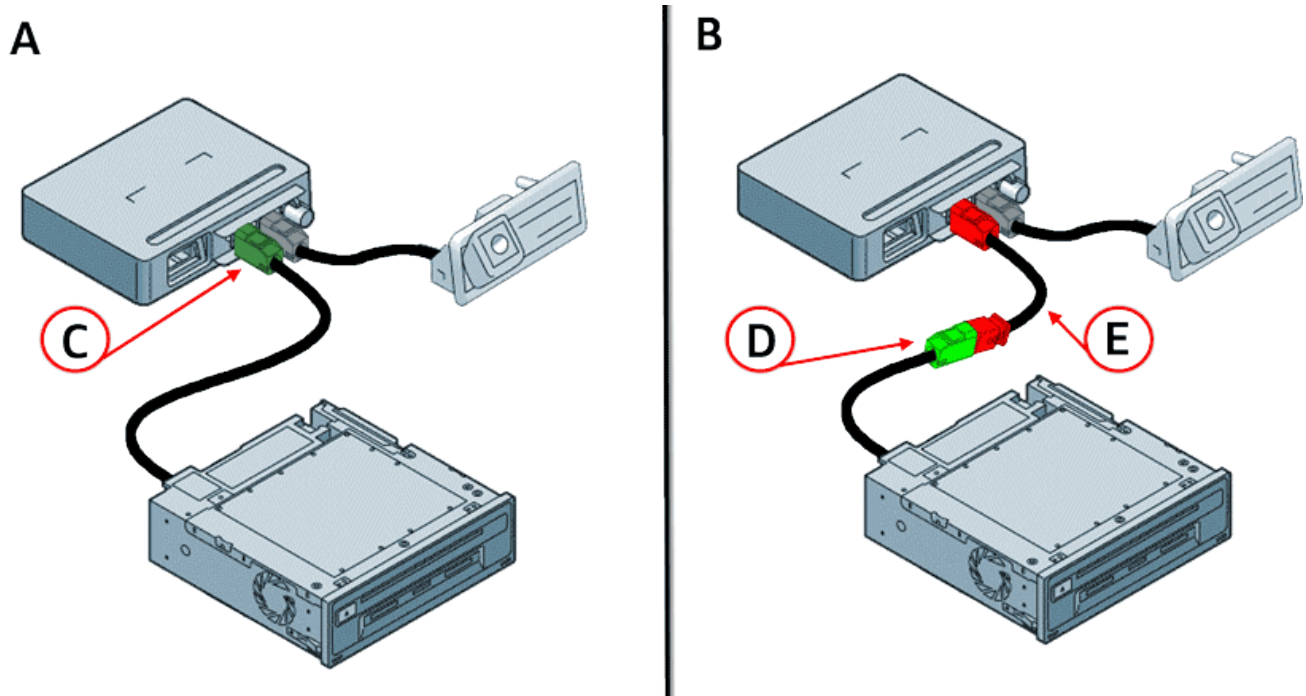


Figure 1. Image A: original reverse camera image wiring configuration. Image B: modified reverse camera wiring configuration. Modified wiring configuration replaces original green Fakra connector (C) by installing aerial plug adapter 000098710A (E). Original harness is modified with the installation of a new female Fakra connector (D).

3. Gain access to the rearview camera system control module J772 (address word 006C) in the right rear trunk by removing the luggage compartment side trim. Consult the repair manual for instructions.
4. Gain access to the coaxial wire:
- Remove the fleece tape along the body harness (Figure 2, Image A). 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.
 - The harness body retainer clip (Figure 2, Image B) should remain in place to ensure proper harness length during the repair.

Technical Service Bulletin

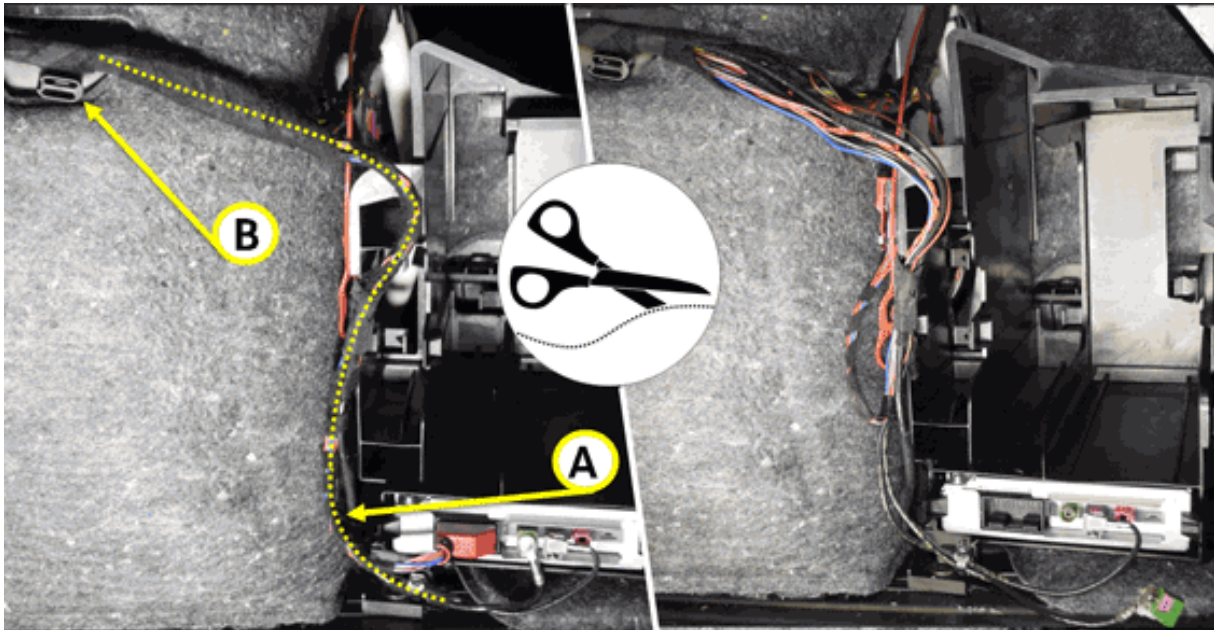


Figure 2. Remove the fleece tape along the body harness (A). Utilize lacing tape cutters, or similar tooling when removing the fleece tape to help ensure that there is no damage to the wire harness. The harness body retainer clip (B) should remain in place to ensure proper harness length during the repair.

5. With the wiring exposed, locate the coaxial wire that is attached to the green Fakra connector. Pull down on the coaxial wire attached to the green Fakra connector (Figure 3, Image A), this will apply tension to the upper section of the coaxial wire (Figure 3, Image B), making it easier to identify. Mark this wire for later use, and pull the wire back into place.

Technical Service Bulletin

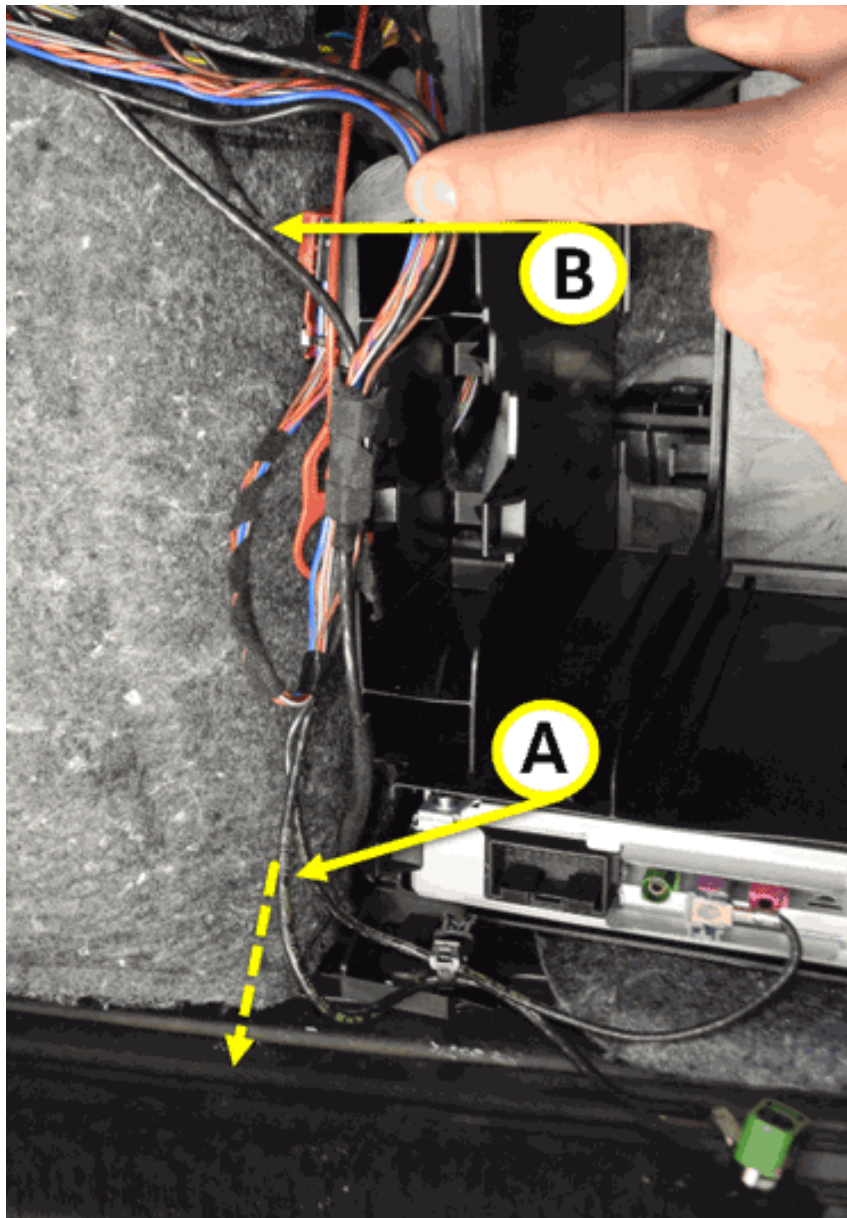


Figure 3. Image A: pull down on the coaxial wire attached to the green Fakra connector, this will apply tension to the upper section of the coaxial wire (B), making it easier to identify.

Technical Service Bulletin

6. Install the aerial plug adapter 000098710A into the vehicle harness:

- Attach the 90 degree end of aerial plug adapter 000098710A onto the reversing camera control unit J772, replacing the original green Fakra connector and route along the existing body harness (Figure 4, Image A).
- Secure the aerial plug adapter to the original body harness with a small piece of wrapping tape (Figure 4, Image B).
- Mark a cut line reference onto the coaxial wire identified in Step 4.
- The cut line reference can be marked utilizing tape or permanent marker. The cut line reference should match up with aerial plug adapter's lower connecting point (red dashed line - Figure 4, Image C).
- Confirm that all mounting clips of the body harness are properly secured to the vehicle when marking the cut line to ensure proper harness length.

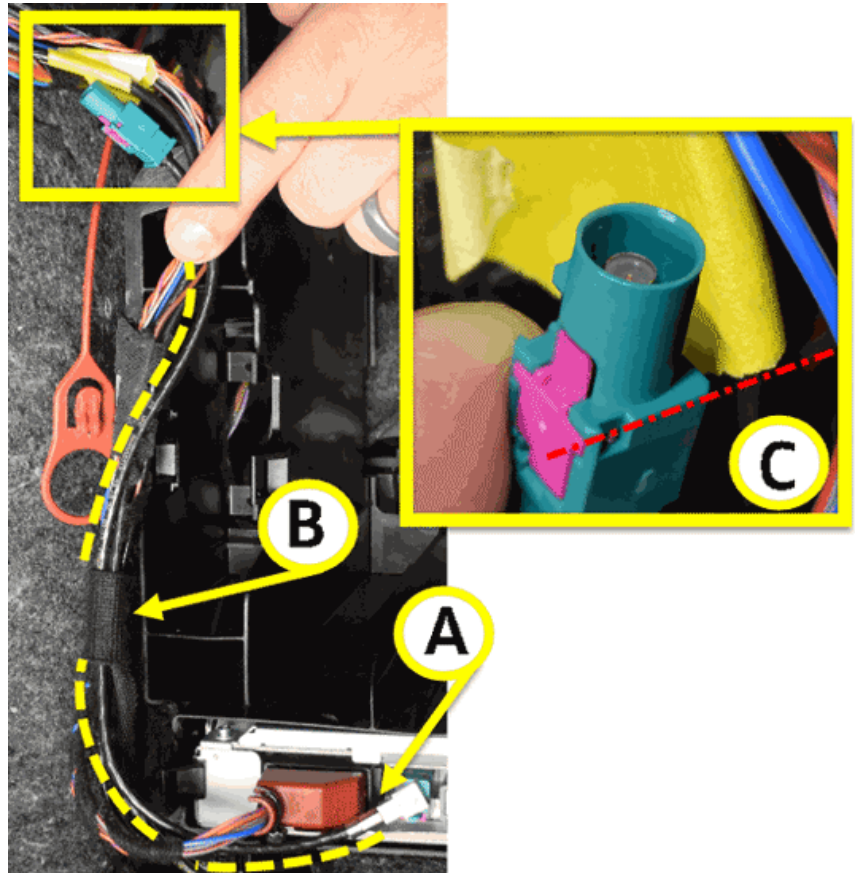


Figure 4. Attach the 90 degree end of the aerial plug adapter 000098710A onto the reversing camera control unit J772, replacing the original green Fakra connector, route the aerial plug adapter along the existing body harness, as shown by the dashed yellow line (Image A). Mark a cut line reference onto the coaxial wire that was identified in step 4. The cut line reference should match up with the aerial plug adapter's lower connecting point (C).

Technical Service Bulletin

7. Using the VAS6720 Antenna (Aerial) Cable Repair Set, modify the vehicle side of the coaxial harness by installing the new female Fakra connection and attach it to the antenna adapter cable (Figure 5):

- Cut the coaxial cable at the cut line reference from Step 5.
- Install the new female Fakra connection on the vehicle side of the harness.

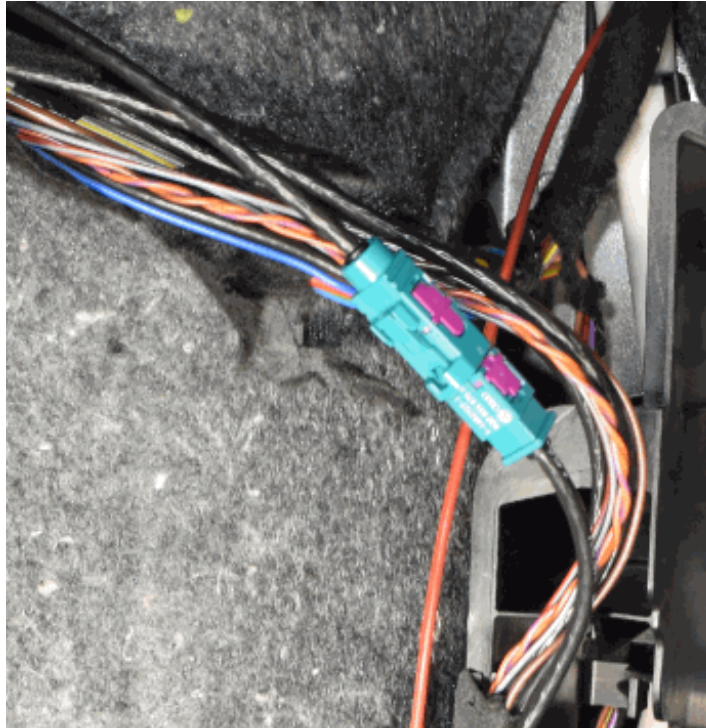


Figure 5. Modified body harness with new female Fakra connector installed, connected to antenna adapter cable.

8. Re-wrap the harness with the newly installed antenna adapter cable. Wrap the harness using fleece adhesive tape, part number D373125A2.
9. Reinstall the luggage compartment side trim.
10. Clear all DTC's and perform a function check of the reverse camera system.



Audi

Technical Service Bulletin

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	50 TU
	Sedan:		
	Side trim, luggage comp. (rear) remove + reinstall	7003 1900	50 TU
	Sportback 5-Door:		
	Side trim, luggage comp. (rear) remove + reinstall	7003 1910	80 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 #2045730/1		

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.



Technical Service Bulletin

Required Parts and Tools

Part Number	Part Description	Quantity
000979910	Aerial female connector – RTK031	01
6Q0035576K	Connector Housing	01
000098710A	Adapter antenna cable	01
D373125A2	Fleece adhesive tape	Consumable; accounting under warranty/goodwill not permitted.
VAS 6720	Antenna (Aerial) Cable Repair Set	

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.

©2016 Audi of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites without the prior expressed written permission of the publisher.