

Complaint Regarding the Camera View (Real Top View) in the PCM Central Display (03/26)

Model Line: **911 (992 I)**

Model Year: **As of 2020 up to 2025**

Equipment: **ParkAssist incl. Surround View (M-no. KA6)**

Concerns: **Signal lines and plug contacts for the Real Top View cameras**

Information: **The customer complains that the Real Top View in the central display fails sporadically, partially or completely.**

In rare cases, this fault can be caused by an **outdated** software release of the control unit for assistance systems (ZFAS).

In the event of unfavorable specific component tolerances, a faulty plug contact on the signal lines of the cameras can, in individual cases, cause the fault type even after a software update.

Action: If there is a customer complaint, check the software release of the assistance systems control unit (ZFAS) and, depending on the test result, either

- Re-program the assistance systems control unit (ZFAS) using the Porsche Tester.

or, if the current software is installed on the assistance systems control unit,

- rework the signal lines and plug contacts of the mirror cameras.

Required tools

- Tools:
- **P90999 - Porsche Tester 4**
 - Battery charger with a current rating of **at least 90 A** and a **current and voltage-controlled charge map** for lithium starter batteries, e.g., **VAS 5908 battery charger 90 A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charging the vehicle electrical system battery'*

Additional tools required for replacing signal lines and connector contacts:

- Torque wrench, 0.4-2 Nm (0.3-1.5 ftlb.), e.g. **VAS 6253A - Torque wrench, 0.4-2 Nm (0.3-1.5 ftlb.)**
- Torque wrench, 2-10 Nm (1.5-7.5 ftlb.), e.g., **V.A.G 1783 - torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**
- **VAS 6720 - Antenna line repair set**
- Plastic wedge, commercially available
- PNATI0326 — Measuring adapter

*Measuring Adapter (PNATI0326)***Required parts as necessary****Information**

PNATI0326 has been released as a minimum required tool by Porsche Special Tools & Equipment. Please see **SPTL2605** for auto-shipment information.

Additional units can be ordered through the Special Tools & Equipment Webstore (part no. **PNATI0326**) or through TKR USA (part no. **WEB-KIT-000021**)

Part
Information:

Part No.	Designation	Number
...*	⇒ Plug contact, female (5 pieces)	2 piece(s)
...*	⇒ Plug contact, male (5 pieces)	2 piece(s)
N 90824902	⇒ Lens panel screw	8 piece(s)
N 90953004	⇒ Internal hexagon round oval-head screw	2 piece(s)

**Information**

*The plug contacts required for this Technical Information (TI) are currently not yet available via Porsche AG (PAG) (status April 2026). Until availability, the required contacts must be removed from the repair kit **VAS 6720 – repair kit for antenna lines**.

Materials:

Required materials (usually already available in the Porsche Center)

Part No.	Designation	Quantity
...	⇒ Fabric tape, approx. 19 mm wide – e.g. TESA 51026	As required
...	⇒ Cable tie – Commercially available	As required

Check release of the control unit for assistance systems (ZFAS) software

- Work Procedure:
- 1 Connect and switch on the battery charger.
⇒ *Workshop Manual '270689A4 Charge battery and vehicle electrical system'*
 - 2 Place original remote control in emergency start tray.
 - 3 Connect **P90999 - Porsche Tester 4**, establish readiness for operation and start the diagnostic application.
 - 4 Check release of assistance systems control unit software.
 - 4.1 In the '**Overview**', select the '**Assistance Systems**' control unit and confirm with **(F12)** ("Next").
 - 4.2 Select the '**Extended identifications**' tab and check the software release.

Assessment	Action
If the software release is "0385" .	The software release is up-to-date. Rework signal lines and replace plug contacts. Continue with: ⇒ <i>Technical Information '270689A4 Rework signal lines and replace plug contacts in the passenger compartment'</i>
If the software release is not "0385" .	The software release does not match the current version. Re-program control unit for assistance systems (ZFAS) Check whether campaigns for reprogramming assistance systems are available for the respective affected vehicle and carry them out if necessary. If the affected vehicle is not impacted by a campaign, continue with: ⇒ <i>Technical Information '270689A4 Failure of one or more cameras (Real Top View) in the PCM central display (34/25)'</i> End of action.



Information

If the affected vehicle has not yet installed software release **0385** and this is not provided either via Technical Information (TI) **34/25** or via a campaign, this TI can **not** be applied.

Software release **0385** is the prerequisite for the implementation of this TI. Performing the repair without this software release is **not effective**.

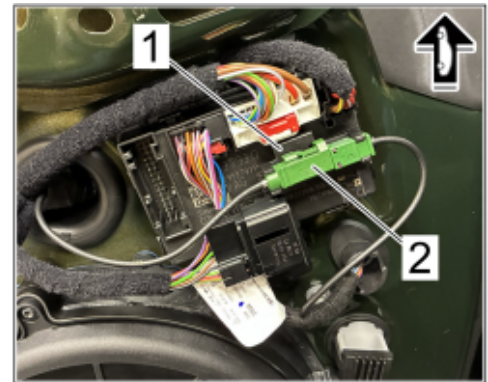
Rework signal lines and replace plug contacts in the passenger compartment and on the assistance systems control unit (ZFAS).



Information

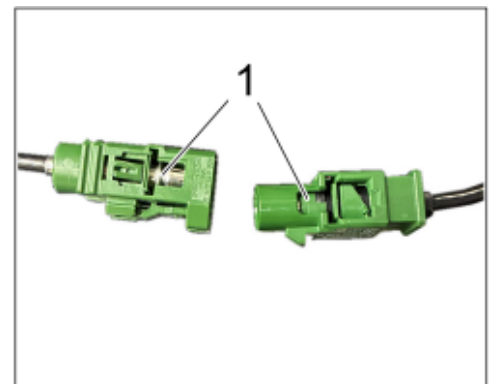
The rework of the signal lines is described on the front left door as an example. The rework on the front right door is almost identical.

- Work Procedure:
- 1 Loosen the earth strap for the vehicle electrical system battery.
⇒ *Workshop Manual '978509A1 Loosen and secure earth strap for battery'*
 - 2 Remove front left door trim panel.
⇒ *Workshop Manual '705919A3 Removing and installing the front door trim panel'*
 - 3 Loosen, release and disconnect signal line on door control unit ⇒ *Front door signal line connection point -1-* and electric plug connection ⇒ *Front door signal line connection point -2-*.



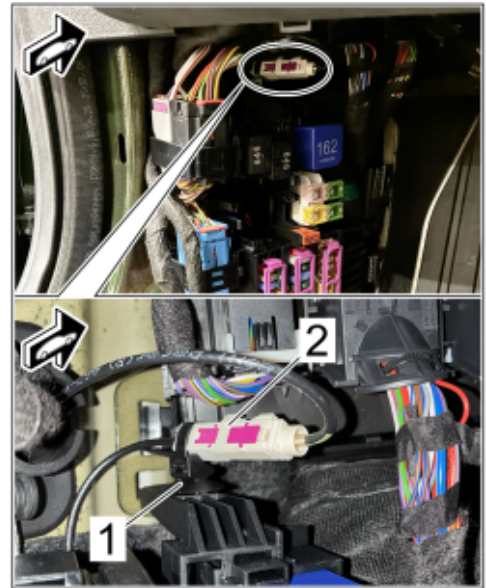
Front door signal line connection point

- 4 Replace ⇒ *Plug contacts for signal lines in the passenger compartment -1-* plug contacts of the signal lines.
For work procedure, see: ⇒ *Workshop Manual '912841 Repairing antenna line'*
- 5 Remove the front side section trim panel at the left.
⇒ *Workshop Manual '702419A1 Removing and installing front side section trim panel'*



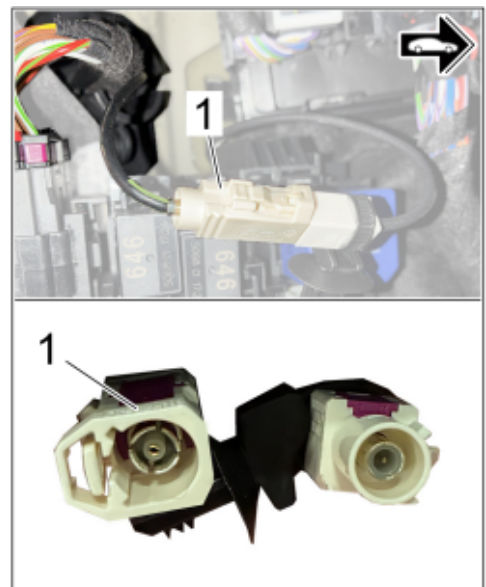
Plug contacts for signal lines

- 6 Unclip cable attachment clip, ⇒ *Signal line connection point in the passenger compartment -1-* release and disconnect electric plug connection ⇒ *Signal line connection point in the passenger compartment -2-*.



Signal line connection point in the passenger compartment

- 7 Replace plug contact ⇒ *Plug contacts for signal lines in the passenger compartment -1-* of the signal line (coming from front door).
For work procedure, see: ⇒ *Workshop Manual '912841 Repairing antenna line'*
- 8 Perform the action described (action steps ⇒ 2 to ⇒ 7) also on the front right door.
Then continue with: ⇒ *Technical Information '912841 Check plug contact at the door connection point on the vehicle side'*
- 9 Remove front luggage compartment trim panel.
⇒ *Workshop Manual '700519A1 Removing and installing front luggage compartment trim panel'*

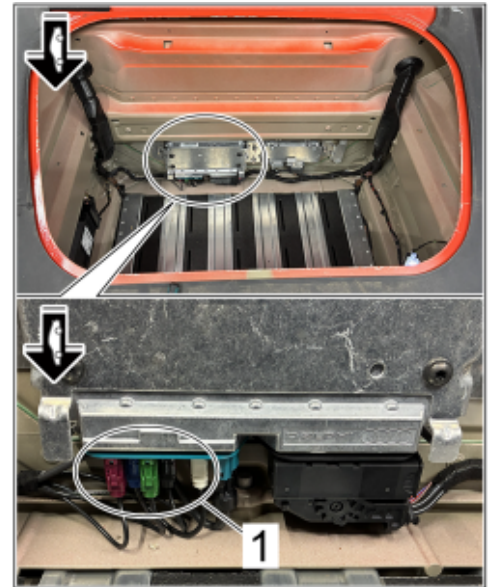


Plug contacts for signal lines in the passenger compartment

- 10 Replace all plug contacts (5 pieces) ⇒ *Signal lines on assistance systems control unit (ZFAS) -1-* of the signal lines from the control unit for assistance systems (ZFAS) ⇒ *Signal lines on assistance systems control unit (ZFAS) -2-*.

For work procedure, see: ⇒ *Workshop Manual '912841 Repairing antenna line'*

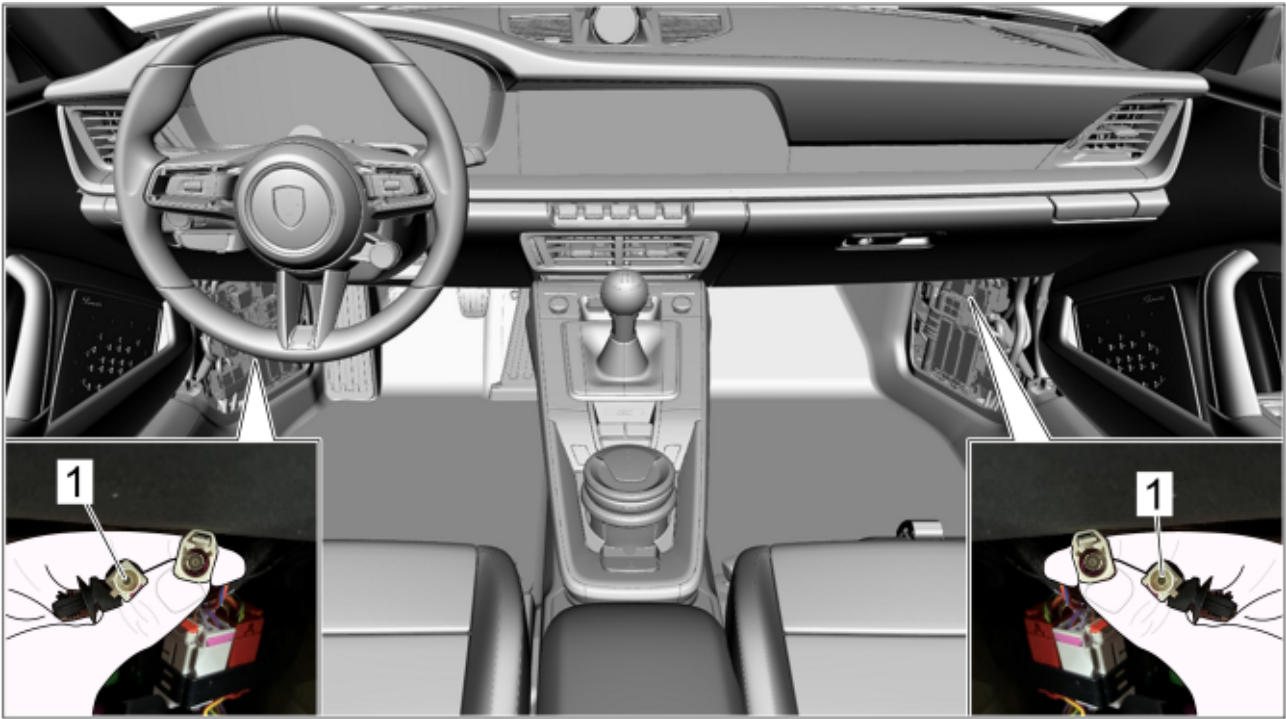
Then continue with: ⇒ *Technical Information '912841 Check plug contact of signal line in passenger compartment.'*



Signal lines on assistance systems control unit (ZFAS)

Check plug contact of signal line in passenger compartment.

Work Procedure: 1 Fasten the **measuring adapter** to the signal lines ⇒ *Resistance measurement of the signal lines in the passenger compartment -1-* in the passenger compartment on the left and right and perform a resistance measurement using the **P90999 - Porsche Tester 4**.



Resistance measurement of the signal lines in the passenger compartment



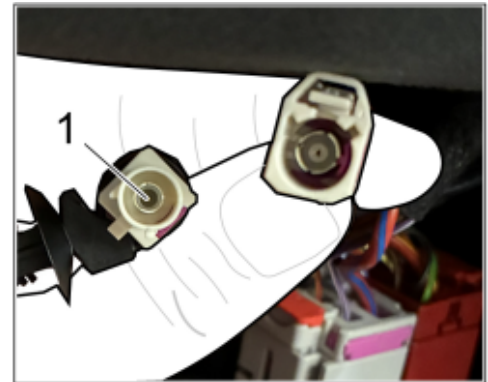
Information

The measured resistance values must always be documented and attached to the process in PCSS.

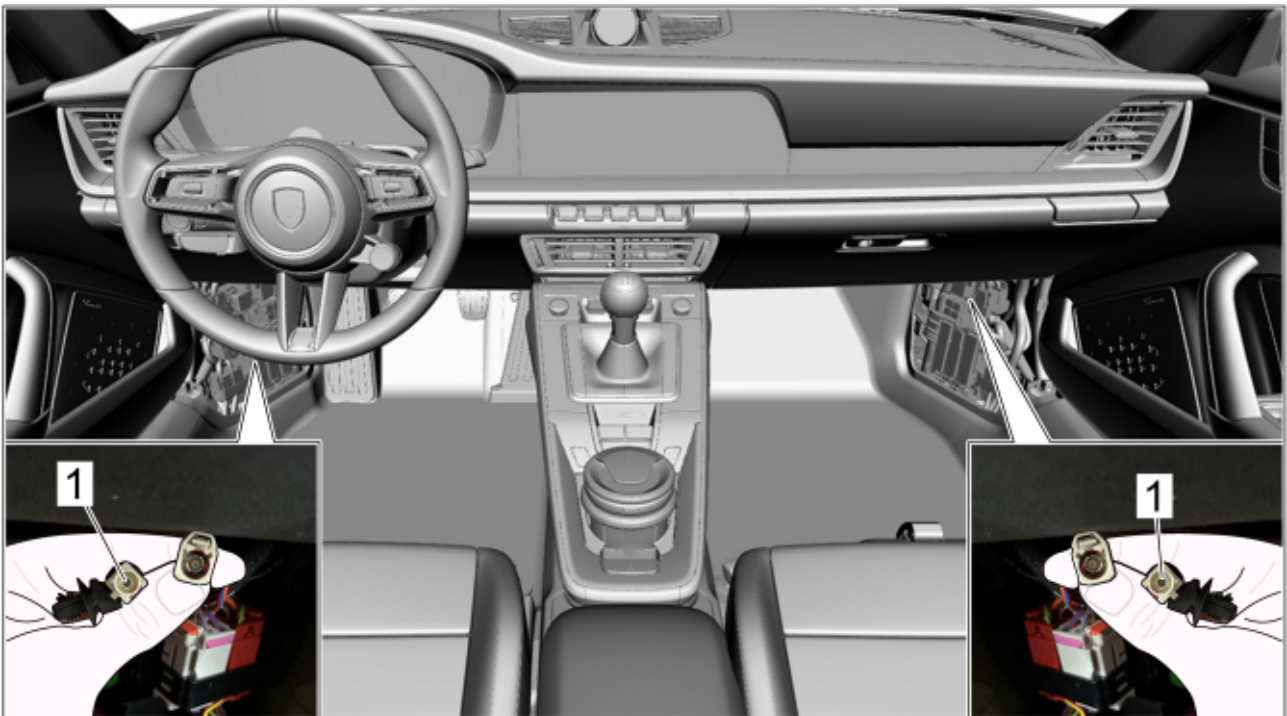
Assessment	Action
Resistance is 335 Ω or less .	The resistance of the signal lines is OK. Connect electric plug connections until connector locks perceptibly. Install front side section and door trim panel ⇒ Workshop Manual '702419A1 Removing and installing front side section trim panel' ⇒ Workshop Manual '705919A3 Removing and installing the front door trim panel' Install front luggage compartment trim panel. ⇒ Workshop Manual '700519A1 Removing and installing front luggage compartment trim panel' Then connect earth strap for battery. ⇒ Workshop Manual '978509A1 Loosen and secure earth strap for battery'

	End of action.
The resistance value is greater than 335 Ω .	The resistance of the signal lines is not OK. Replace plug contact of a signal line in the passenger compartment. Continue with Step $\Rightarrow$ 2.

- 2 Replace plug contact $\Rightarrow$ *Plug contact for signal line in passenger compartment -1-* of the signal line in the passenger compartment on the left.
For work procedure, see: $\Rightarrow$ *Workshop Manual '912841 Repairing antenna line'*
- 3 Fasten the **measuring adapter** to the signal lines
 $\Rightarrow$ *Resistance measurement of the signal lines in the passenger compartment -1-* in the passenger compartment on the left and right and perform another resistance measurement using the **P90999 - Porsche Tester 4**.



Plug contact for signal line in passenger compartment



Resistance measurement of the signal lines in the passenger compartment



Information

The measured resistance values must always be documented and attached to the process in PCSS.

Assessment	Action
Resistance is 335 Ω or less .	The resistance of the signal lines is OK. Connect electric plug connections until connector locks perceptibly. Install front side section and door trim panel ⇒ Workshop Manual '702419A1 Removing and installing front side section trim panel' ⇒ Workshop Manual '705919A3 Removing and installing the front door trim panel' Install front luggage compartment trim panel. ⇒ Workshop Manual '700519A1 Removing and installing front luggage compartment trim panel' Then connect earth strap for battery. ⇒ Workshop Manual '978509A1 Loosen and secure earth strap for battery' End of action.
The resistance value is still greater than 335 Ω .	The resistance of the signal lines is not OK. Replace plug contact of the signal line in the passenger compartment on the right. Repeat step ⇒ 2 on the right-hand side and then perform another resistance measurement. Install front side section and door trim panel ⇒ Workshop Manual '702419A1 Removing and installing front side section trim panel' ⇒ Workshop Manual '705919A3 Removing and installing the front door trim panel' Install front luggage compartment trim panel. ⇒ Workshop Manual '700519A1 Removing and installing front luggage compartment trim panel' Then connect earth strap for battery. ⇒ Workshop Manual '978509A1 Loosen and secure earth strap for battery' End of action.

**Information**

If the resistance reading is still too high after replacing **both plug contacts** in the passenger compartment, create a **Warranty PRMS ticket** with priority "B" and the title (brief description) "**TI 03/26 - Support**", attach the measurement results of the individual measurements and a brief description of the work performed. When submitting the ticket, ask to forward the ticket directly to the PRMS group "PAG_campaign_TI_SY_support". PAG then checks the issue and provides a repair recommendation.

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
91020140	Check release of assistance systems control unit software	
91284940	Replace plug contacts for the front door signal lines and at the control unit for assistance systems (ZFAS).	
91284941	Replace plug contacts for the front door and at the control unit for assistance systems (ZFAS) and the signal line in the passenger compartment on the left.	
91284942	Replace plug contacts for the front door and at the control unit for assistance systems (ZFAS) and the signal lines in the passenger compartment on the left and right.	

PCSS encryption:

Location (FES5)	97321	Front door wire harness
Damage type (SA4)	1057	Crimp faulty

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