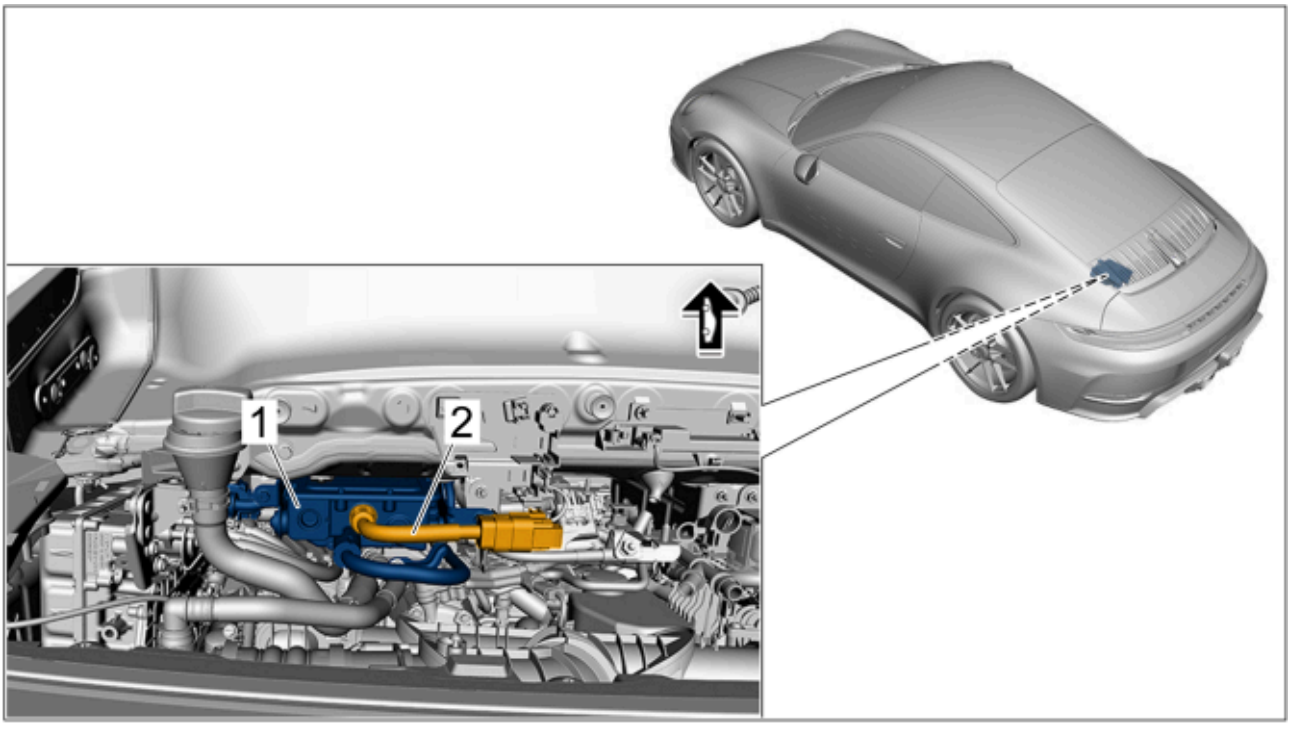
WSB3 - Check High-Voltage Line on the High-Voltage Distributor and Replace High-Voltage Distributor if necessary (Workshop Campaign)

Vehicle Type:	**911 Carrera GTS (992)**
Model Year:	**As of 2025 up to 2026**
Concerns:	**High-voltage distributor**
Cause:	**In rare cases, there is the possibility that the line insulation of the high-voltage distributor is not properly installed on the affected vehicles.** If this is the case, liquid could penetrate into the high-voltage distributor and consequently lead to a short circuit. At the same time the engine power is reduced and a red warning message "Stop vehicle safely" is displayed on the instrument cluster
Action:	Review high-voltage line on the high-voltage distributor and replace high-voltage distributor if necessary.
Affected Vehicles:	Only vehicles assigned to the campaign (see also PCSS Vehicle Information).

Installation
Position:



Installation position

1 – High-voltage distributor
2 – High-voltage line (from high-voltage distributor to voltage converter)

Required parts and materials as needed

Information

No parts are required for checking the high-voltage line on the high-pressure distributor.
The forecast failure rate is only 3%.
Please, therefore, order the required parts for replacing the high-voltage distributor **only if necessary**.

Parts Info:

Part No.	Designation – Location of use	Quantity
992971764D	⇒ Potential distributor – High-voltage system	1 piece(s)

Material: **Required material** (usually already available at the Porsche Center)

Part No.	Designation – Location of use	Quantity
00004330516	⇒ Coolant additive, 20-liter/ 5.28 gal container – Cooling system	As required (approx. 0.5 litres per vehicle)

Required tools

Tools:

- **P90999 - PIWIS 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 Battery, vehicle electrical system charging'***VAS 6883A - insulated tool set**
- **VAS 6558A/45 - High-voltage measurement adapter**
- **VAS 6558/9-6A - High-voltage test adapter**
- **VAS 6410 - Contact surface cleaning set**
- **T40262 - Locking cap**

Additionally required tools only if high-voltage distribution boards must be replaced:

- **VAS 6856 - Spring band clamp pliers**
- **VAS 6890 - Spring band clamp pliers**
- **VAS 531 011 - Cooling system service equipment**
- **3093 - Hose clamp**
- **VAS 6675A - Funnel**
- Wheel mounting trolley, e.g. **VAS 6266A - wheel mounting trolley**
- 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.)**
- Torque wrench, 6-50 Nm (4.5-37 ftlb.), e.g. **V.A.G 1331A - torque wrench, 6-50 Nm (4.5-37 ftlb.)**
- Torque wrench, 40-200 Nm (30-148 ftlb.), e.g., **V.A.G 1332A - Torque wrench, 40-200 Nm (30-148 ftlb.)**

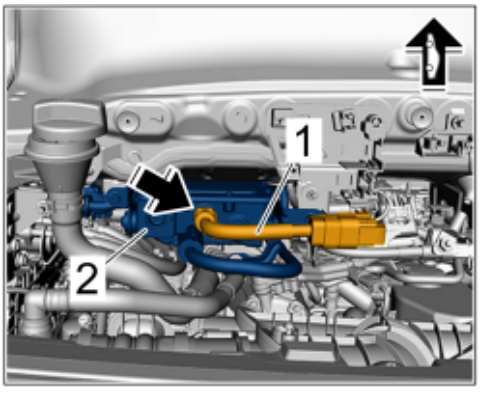
Checking high-voltage line on the high-voltage distributor and replacing high-voltage distributor if necessary

Work Procedure:

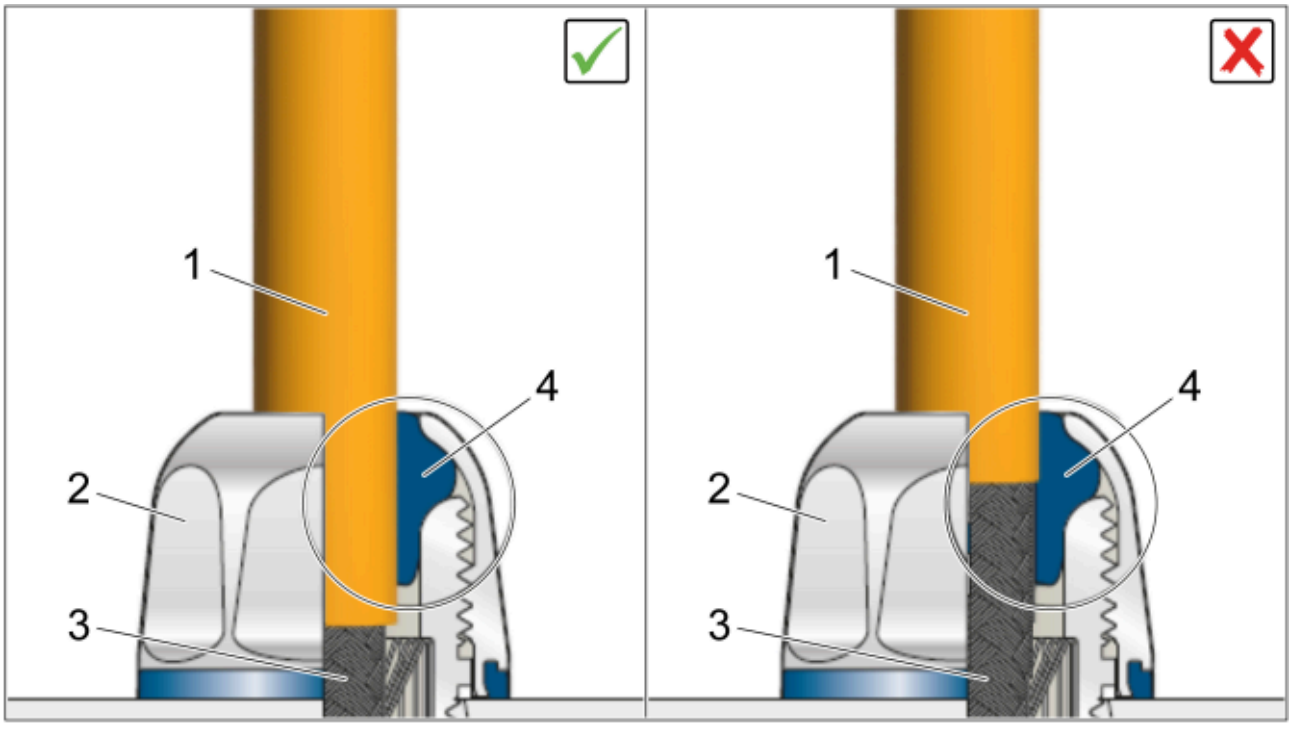
1 Deactivate high-voltage system.
⇒ *Workshop Manual '277583A3 Deactivating and activating high-voltage system'*

2 Remove air guide.
⇒ *Workshop Manual '243619A1 Removing and installing air guide'*

3 Check the insulation of the high-voltage line ⇒ *High-voltage line on the high-voltage distributor* **-1-** on the high-voltage distributor ⇒ *High-voltage line on the high-voltage distributor* **-2-** is installed correctly.
To do this, inspect the high-voltage line more closely ⇒ *High-voltage line on the high-voltage distributor* **-1-** at ⇒ *High-voltage line on the high-voltage distributor* **-Arrow-** the output of the high-voltage distributor.

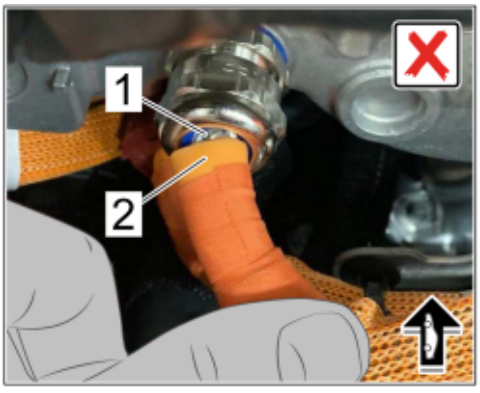


High-voltage line on the high-voltage distributor



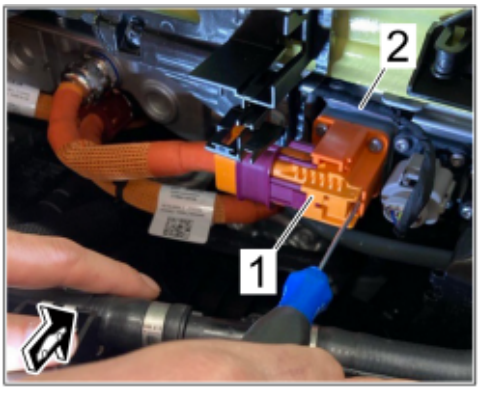
Insulation

1 – High-voltage line
2 – Union nut
3 – Braided shielding
4 – Seal

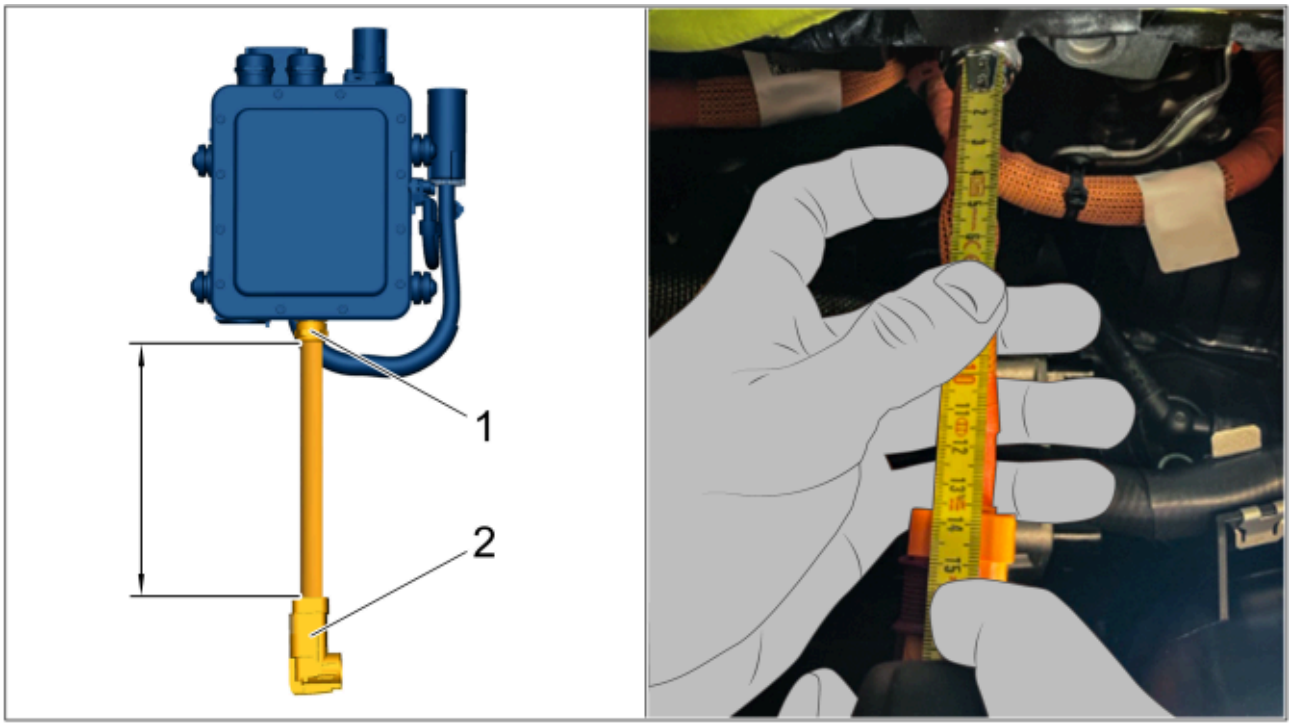
	Assessment	Action
(✓)	The insulation remains complete in connection with the high-voltage distributor. The braided shielding under the insulation **must not be seen**.	Slipped insulation of the high-voltage line can only be excluded after another test. Continue with Step ⇒ 4.
(✗)	The braided shielding ⇒ *Braided shielding under insulation* **-1-** under the insulation ⇒ *Braided shielding under insulation* **-2- is visible**.  *Braided shielding under insulation*	The high-voltage line insulation is **faulty**. **Replace high-voltage distributor.** For work procedure, see: ⇒ *Workshop Manual '279819 Removing and installing high-voltage distributor'* Invoicing based on equipment **scope 2** or **scope 4**.

4 Unlock and disconnect electrical plug connection ⇒ *Electric plug connection on voltage transformer* **-1-** on USB voltage converter⇒ *Electric plug connection on voltage transformer* **-2-**.

5 Checking the length of the high-voltage line on the high-voltage distributor.
To do this, measure the length of the high-voltage line using a measuring tape between **the union nut** ⇒ *Measurement of the high-voltage line* **-1-** and the **plug housing**⇒ *Measurement of the high-voltage line* **-2-**.



Electric plug connection on voltage transformer



Measurement of the high-voltage line

Assessment		Action
(✓)	The length of the high-voltage line is **135 mm or less**.	The insulation of the high-voltage line **is OK**. Continue with Step ⇒ 6.
(✗)	The length of the high-voltage line is **greater than 135 mm**.	The high-voltage line insulation is **faulty**. **Replace high-voltage distributor.** For work procedure, see: ⇒ *Workshop Manual '279819 Removing and installing high-voltage distributor'* Invoicing based on equipment **scope 2** or **scope 4**.

6 Install the air guide.
⇒ *Workshop Manual '243619A1 Removing and installing air guide'*

7 Activate the high-voltage system.
⇒ *Workshop Manual '277583A3 Deactivating and activating high-voltage system'*

8 Enter the campaign in the Warranty and Maintenance Logbook.

Warranty processing

Information

The specified labor times were determined specifically for carrying out this campaign and include all required preliminary work and rework.
The labor times can differ from the labor times published in the Labor Operation List in PCSS.

Scope 1: **Checking high-voltage line on the high-voltage distributor**

- Visual inspection OK
- Length measurement OK
- Only relevant for vehicles **without** Aerokit

Labor time:

Checking high-voltage line on the high-voltage distributor — Labor time: **200 TU**

Includes: Deactivating and activating high-voltage system
Removing and installing air guide
Checking high-voltage line
Measuring high-voltage line

⇒ **Damage code WSB2 066 000 1**

Scope 2: **Checking high-voltage line and replacing high-voltage distributor**

- Visual inspection
- Length measurement
- Replacing high-voltage distributor
- Only relevant for vehicles **without** Aerokit

Labor time:

Checking high-voltage line and replacing high-voltage distributor — Labor time: **504 TU**

Includes: Deactivating and activating high-voltage system
Removing and installing air guide
Checking high-voltage line
Measuring high-voltage line

Required parts:

Part No.	Designation	Quantity
992971764D	Potential distributor	1 piece(s)

Required materials (usually already available in the Porsche Center):

00004330516	Coolant additive, 20-liter/ 5.28 gal container	0.03 piece(s)

⇒ **Damage code WSB2 066 000 2**

Scope 3: **Checking high-voltage line on the high-voltage distributor**

- Visual inspection OK
- Length measurement OK
- Only relevant for vehicles **with Aerokit (M-no. VM2 / VM3 / VM9)**

Labor time:

Checking high-voltage line on the high-voltage distributor — Labor time: **128 TU**

Includes: Deactivating and activating high-voltage system
Removing and installing air guide
Checking high-voltage line
Measuring high-voltage line

⇒ **Damage code WSB2 066 000 1**

Scope 4: **Checking high-voltage line and replacing high-voltage distributor**

- Visual inspection
- Length measurement
- Replacing high-voltage distributor
- Only relevant for vehicles **with Aerokit (M-no. VM2 / VM3 / VM9)**

Labor time:

Checking high-voltage line and replacing high-voltage distributor — Labor time: **426 TU**

Includes: Deactivating and activating high-voltage system
Removing and installing air guide
Checking high-voltage line
Removing and installing high-voltage distributor

Required parts:

Part No.	Designation	Quantity
992971764D	Potential distributor	1 piece(s)

Required materials (usually already available in the Porsche Center):

00004330516	Coolant additive, 20-liter/ 5.28 gal container	0.03 piece(s)

⇒ **Damage code WSB2 066 000 2**