

**Motor Symptom - Cooling System cannot be Filled Correctly: Check and Replace High-Voltage System Coolant Distributor if Necessary (SY 149/24)**

Model Line: **Taycan (Y1A / Y1B / Y1C)**

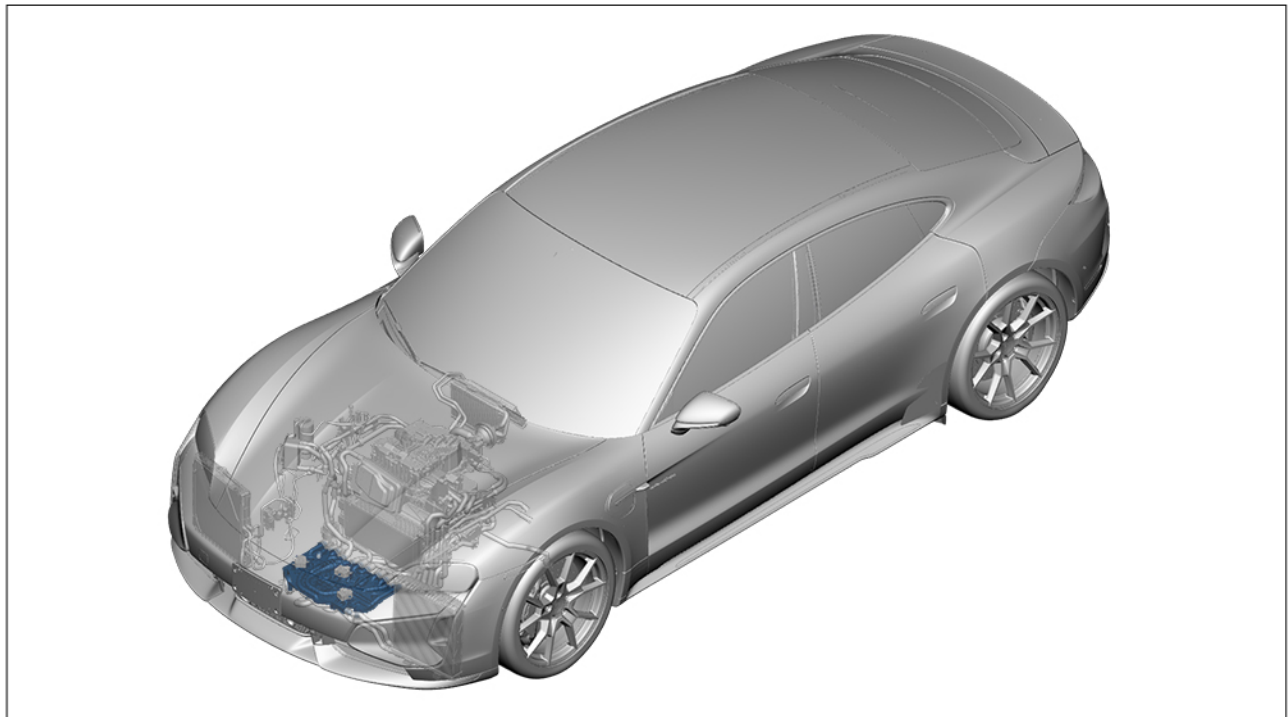
Model Year: **2025**

Concerns: **Coolant distributor for high-voltage system**

Symptom: **After repairing the vehicle, the cooling system cannot be fully vented and refilled.**

Cause: It is possible that a **high-voltage coolant system distributor** was installed in the vehicle that does not reach the vacuum values for venting and filling the cooling system.

Remedial Action: Check and replace high-voltage coolant distributor if necessary.



*Installation position of coolant distributor for high-voltage system*

**Required parts and materials as needed****Information**

No parts are required for checking the high-voltage system coolant distributor.

## Parts Info:

Part No.	Designation	Quantity
9J1121406E	⇒ Coolant distributor for high-voltage system	1 piece

## Material:

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

Part No.	Designation – Location of use	Quantity
00004330516	⇒ Coolant (20 l/ 5.28 gal container) – Cooling system	As required

**Required tools**

## Tools:

- 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 spanner, 6-50 Nm (4.5-37 ftlb.)**

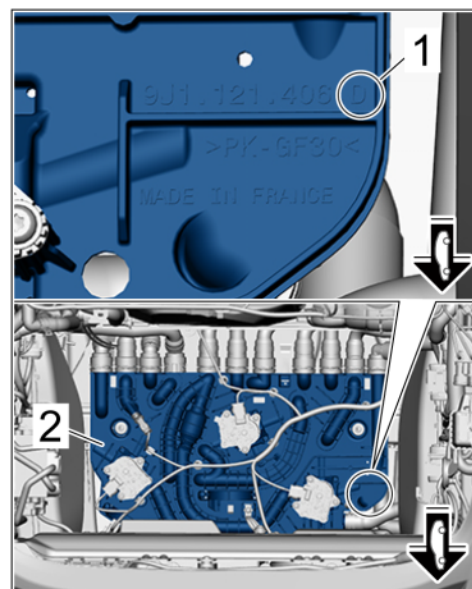
**Additional required tools if the high-voltage system coolant distributor needs to be replaced:**

- **P90999 - PIWIS Tester 4**
- Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 - 90-A battery charger**. For further information about the battery chargers to be used, see the relevant Workshop Manual. ⇒ *Workshop Manual '270689 Charging battery and vehicle electrical system'*
- **T40262 - Locking cap**
- **VAS 6410 - Contact surface cleaning set**
- **VAS 6558A - High-voltage measuring module**
- **VAS 6558A/52 - High-voltage measurement adapter**
- **VAS 6883A - Insulated tool set**
- **VAS 6856 - Spring band clamp pliers**
- **VAS 6889 - Spring band clamp pliers**
- **VAS 6890 - Spring band clamp pliers**
- **VAS 6891 - Spring band clamp pliers**
- **VAS 6930 - Spring band clamp pliers**
- **3093 - Hose clamp**
- **3094 - Hose clamp**
- **VAS 531 011 - Cooling system service equipment**

## Checking coolant distributor for high-voltage system

Work Procedure: 1 Remove the luggage compartment tray.  
 ⇒ *Workshop Manual '501919 Removing and installing luggage compartment tray'*

- 2 Check index part number ⇒ *Check index part number on distributor coolant high-voltage system*  
**-1-** on distributor coolant high-voltage ⇒ *Check index part number on distributor coolant high-voltage system*  
**-2-** system.



*Check index part number on distributor coolant high-voltage system*

Assessment		Action
(✓)	The index of the part number of the installed distributor for high-voltage coolant system is: "E" (or higher)	<b>Coolant high-voltage system distributor OK continue and troubleshooting elsewhere.</b>  Install the luggage compartment tray. ⇒ <i>Workshop Manual '501919 Removing and installing luggage compartment tray'</i>  End of action.
(x)	The index of the part number of the installed distributor for high-voltage coolant system is: "D"	<b>High-voltage system coolant distributor needs to be replaced.</b>  Continue with ⇒ <i>Technical Information '501919 replace with distributor for high-voltage coolant system'</i> .

**Replace coolant distributor for high-voltage system**

Work Procedure: 1 Replace coolant distributor for high-voltage system.

For work procedure, see:

⇒ *Workshop Manual '199519 Removing and installing coolant distributor for high-voltage system'*

**Labor position and PCSS encryption**

Labor position:

APOS	Labor operation	I No.
19950140	Checking coolant distributor for high-voltage system	
19951950	Removing and installing coolant distributor for high-voltage system	

PCSS encryption:

<b>Location (FES5)</b>	19950	Coolant high-voltage system distributor
<b>Damage type (SA4)</b>	1211	wrong part

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