

WPL8 - Replacing Electric Passenger Compartment Heater (Workshop Campaign)

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

Model Year: **As of 2020 up to 2023**

Concerns: **Electric passenger compartment heater**

Cause: **Due to a potential material error, the heater coating in the electric passenger compartment heater can become detached on the affected vehicles during prolonged utilization of the heating and with high heating output, especially in countries with frequently cold environmental conditions.**

This may result in the heating function being impaired and the vehicle not defrosting properly when driving.

Action: Replace electric passenger compartment heater.

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information).

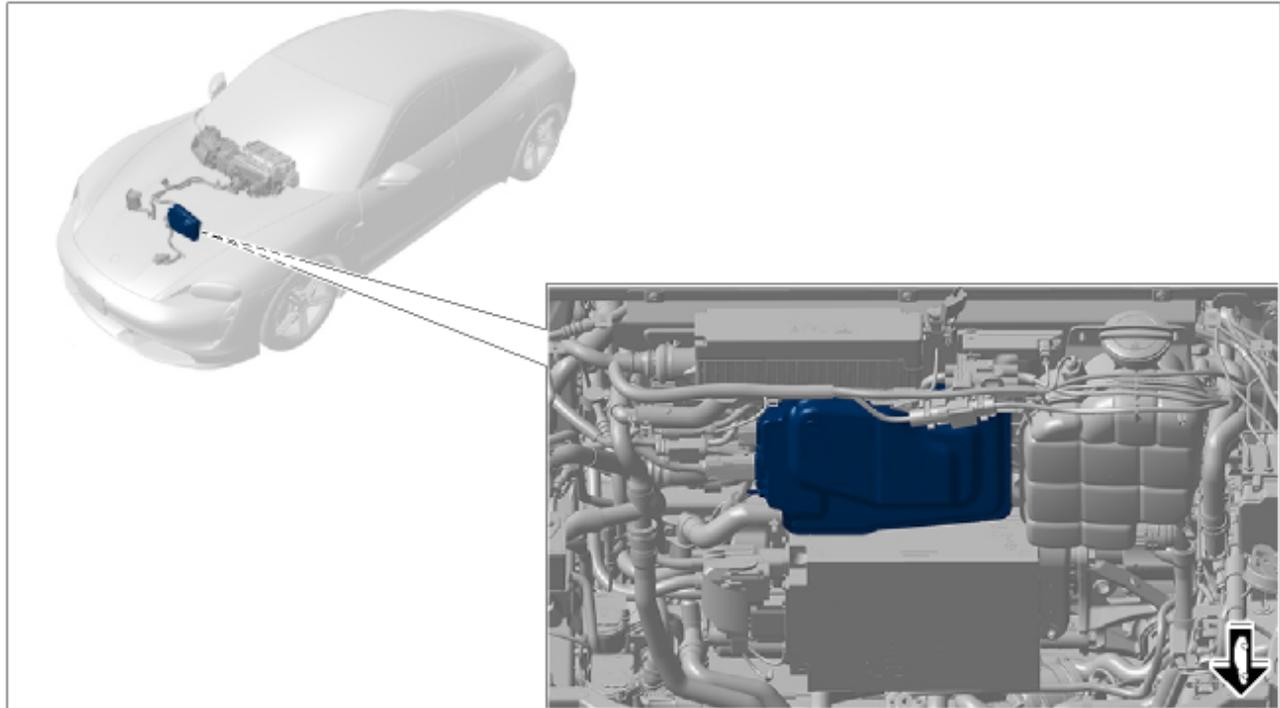


Information

Please note that even on vehicles not assigned to this campaign, the high-voltage heater may fail for various reasons. These vehicles must be processed via the standard repair process (car down case) and will not be reactively assigned to this campaign.

Installation

Position:

*Installation position*

– (Replacing) **Electric passenger compartment heater**

Required parts and materials



Information

According to the latest knowledge, it is no **longer necessary** to replace the hexagon nut (**N 10737001**) and the hexagon socket screw (**N 91096801**) when replacing the electric passenger compartment heater. **These can therefore be reused.** For this reason, the two part numbers mentioned are removed from this campaign.

For the transitional period, it will continue to be possible to invoice these after installation. The remaining stocks of the internal hexagon round-head bolt (N 91096801) and the hexagon nut (N 10737001) on the market can be used up if necessary. It is not necessary to return the parts.

Parts Info:

Part No.	Designation	Number
V04015007AK	⇒ Electric passenger compartment heater	1 piece

Materials: **Only if required** (usually already available in the Porsche Center):

Part No.	Designation	Quantity
00004330516	⇒ Coolant additive, 20-liter/ 5.28 gal container – Cooling system	As much as required (max. 0.5 liter/ 16.9 required per vehicle)

Required tools

- **VAS 6883A - Insulated tool set**
- **VAS 6890 - Spring band clamp pliers**
- 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 531 011 - Cooling system service equipment**
- **3093 - 3093 - Hose clamp**
- **VAS 6675A - Funnel**
- Battery charger with a current rating of **at least 90 A** and - if required - **also with a current and voltage controlled charge map** for lithium starter batteries, e.g. **VAS 5908 90 A battery charger**
- **P90999 - PIWIS Tester 4**

Replacing electric passenger compartment heater



WARNING

Incorrect handling of high-voltage components

- Electric shock
 - Short circuit
 - Fire
 - Explosion
- ⇒ Only appropriately trained and authorized persons are permitted to work on high-voltage vehicles and components.
- ⇒ Required qualification: High voltage technician or high voltage expert.
- ⇒ Observe national requirements and legislation for this work.
- ⇒ Always use insulated tools, e.g. VAS 6883 Insulated Tool Set when working on these components.
- ⇒ Observe general warning notes for working on the high-voltage system. ⇒ *Workshop Manual '2X00IN General warning notes for working on the high-voltage system'*



Information

If necessary, a data reconciliation from the vehicle analysis log (VAL) can be used to check whether the correct electric passenger compartment heater has already been installed.

To do this, perform a reconciliation of the date of manufacture of the passenger compartment heater installed in the vehicle in the PCSS and function "Comparison of diagnostic data (FAP)" with the currently uploaded vehicle analysis log (FAP).

- If the date of manufacture is later than February 14, 2023 (manufacture > 14.02.2023), an optimized component has already been installed on this vehicle ⇒ Reconciliation of manufacturing date for high-voltage heater (FAP). In this case, it is not necessary to replace the electric passenger compartment heater again.
- If the date of manufacture is before February 14, 2023 (date of manufacture < 14.02.2023), the electric passenger compartment heater must be replaced.

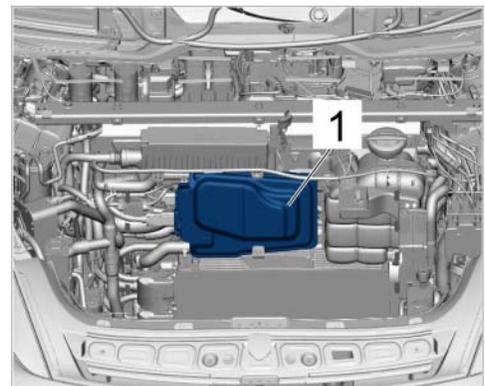
Electric heater (HV-FTE)		✓
ECC information		
Electric heater (HV-FTE): software version	0017	
Electric heater (HV-FTE): hardware part number	91763803F	
Electric heater (HV-FTE): hardware version	H13	
Electric heater (HV-FTE): serial number	00000000022024431	
Electric heater (HV-FTE): Part/Kit part number	91763803F	
Customer_System_Name	HV_08123	
Electric heater (HV-FTE): Production date	20.04.23	
Electric heater (HV-FTE): Manufacturing number	1431	

Electric heater (HV-FTE)		✗
ECC information		
Electric heater (HV-FTE): software version	0016	
Electric heater (HV-FTE): hardware part number	91763803E	
Electric heater (HV-FTE): hardware version	H13	
Electric heater (HV-FTE): serial number	00000000022184963	
Electric heater (HV-FTE): Part/Kit part number	91763803E	
Customer_System_Name	HV_08123	
Electric heater (HV-FTE): Production date	20.02.23	
Electric heater (HV-FTE): Manufacturing number	2953	

Reconciliation of manufacturing date for high-voltage heater (FAP)

Work Procedure: 1 **Create Vehicle Analysis Log (VAL)** using the PIWIS Tester. Mark the vehicle analysis log you have just created with the attribute "Pre-VAL" and after carrying out the campaign, return it using the PIWIS Tester.

- 2 Remove electric passenger compartment heater ⇒ *Electric passenger compartment heater -1-*. For this, see ⇒ *Workshop Manual '828019 Removing and installing electric passenger compartment heater'*



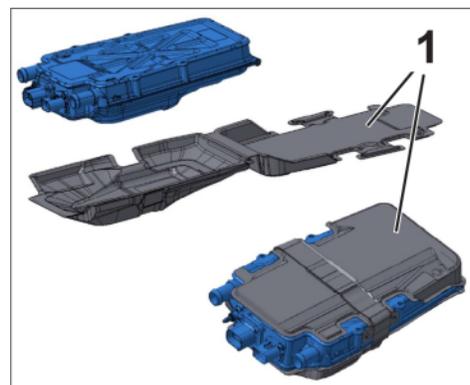
Electric passenger compartment heater



Information

Please note that with only vehicles with the **auxiliary heater (M No. 9M3)** equipment option, is a thermal insulation (case) **also** ⇒ *Thermal insulation (case) -1-* installed on the electric passenger compartment heater. This must be converted from the old to the new electric passenger compartment heater.

- 3 Install a **new** electric passenger compartment heater. For this, see ⇒ *Workshop Manual '828019 Removing and installing electric passenger compartment heater'*



Thermal insulation (case)



Information

For the new electric passenger compartment heater to be **back-documented correctly**, the **PIWIS Tester must be logged in online** and in the Porsche Partner Network (PPN).

- 4 Teach electric passenger compartment heater. ⇒ *Workshop Manual '828055 Replacing electric passenger compartment heater'*
- 5 **Create Vehicle Analysis Log (VAL)** using the PIWIS Tester. Mark the vehicle analysis log you have just created with the attribute **"Post-VAL"** and after carrying out the campaign, return it using the PIWIS Tester.
- 6 Enter the campaign in the Warranty and Maintenance logbook.

Warranty processing



Information

The labor time specified below was determined specifically for carrying out this campaign and may differ from the labor times published in the Labor Operation List in PCSS.

Scope 1:

Labor time:		
Replacing electric passenger compartment heater		Labor time: 572 TU
Includes:	Deactivating and activating high-voltage system	
	Draining and filling coolant	
	Bleeding cooling system	
	Removing and installing luggage compartment tray	
	Remove and install front cover	
	Loosening and fastening front end fuse box	
	Loosening and fastening ground strap for battery	
	Create pre- and post-VAL	

Required parts:

V04015007AK	Electric passenger compartment heater	1 piece
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Required materials (only if needed):

00004330516	Coolant additive (20-liter/ 5.28 gal container)	0.03 piece
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⇒ Damage Number WPL8 066 000 2

Customer mobility / Vehicle transport**Customer mobility for the duration of the carrying out the action**

If necessary, customer mobility can be granted and invoiced. As a rule, the current rules governing the Customer Mobility Programme apply here.

Vehicle collection from customer (collection and delivery service)

If the customer cannot keep a workshop appointment at short notice to carry out the action, offer to collect the vehicle from the customer and return it after the repair has been completed (collection and delivery service). This service can be invoiced via the mobility voucher in accordance with the applicable preconditions.

If the costs actually incurred exceed the value of the mobility voucher, the remaining amount can be borne from the local customer goodwill budget.

Vehicle collection from customer (vehicle transport)

If necessary, the customer can also arrange for the vehicle to be collected and transported to the workshop via the respective Porsche Center. Vehicle transport must be commissioned and invoiced by the Porsche Center responsible.

The costs incurred in the campaign claim can be invoiced as external services (sublets) in the campaign application for WPL8 workshop campaign. Please attach a copy of the invoice to the campaign claim in "External services".

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