

**Spare Parts Requirements - Cooling-Air Flap on Charge-Air Cooler (left) (I-no. T9I/OK3):
Follow Special Instructions (42/19)**

Vehicle Type: **Cayenne E-Hybrid (9YA)**

Model Year: **2019**

Equipment: **3.0-liter V6 Turbo engine (I-no. T9I)**
Hybrid drive system PHEV (I-no. OK3)

Concern: **Cooling-air flap on charge-air cooler (left)**

Information: **If the cooling-air flap on the charge-air cooler (left) needs to be replaced, follow special instructions:**

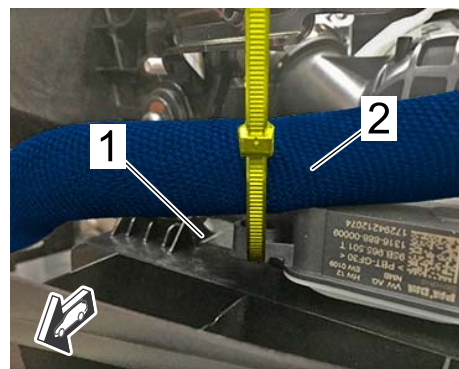


Information

- Due to a component change, only cooling-air flaps for the charge-air cooler (left) with an additional securing rib on the component frame are available in the event of spare parts requirements.
- If the cooling-air flap on the charge-air cooler (left) needs to be repaired, always check first to see which type of coolant hose is installed. Depending on the type of coolant hose installed, the additional securing rib on the frame of the cooling-air flap can hit against the coolant hose. In this case, the component frame must be reworked before installing the new cooling-air flap.
- **If the cooling-air flap on the charge-air cooler (left) needs to be replaced** and the vehicle has the **new type of coolant hose**:
- **If the cooling-air flap on the charge-air cooler (left) needs to be replaced** and the vehicle has the **old type of coolant hose** (⇒ *Mounting for coolant hose on servo motor for cooling-air flaps on charge-air cooler (left) -1-*):

⇒ The coolant hose can hit against the additional securing rib on the component frame.

⇒ **Before** installing the new cooling-air flap on the charge-air cooler (left), the component frame **must** be **reworked**.



Mounting for coolant hose on servo motor for cooling-air flaps on charge-air cooler (left)

Remedial Action: If the cooling-air flap on the charge-air cooler (left) needs to be replaced, check the part number of the coolant hose and rework cooling-air flap on charge-air cooler before replacing it if necessary.

Date of Introduction: An adapted coolant hose has been installed during production since November 9, 2018 or as of chassis number **WP1ZZZ9YZKDA49120**.

Required Tools

Tools:

- Shop light
- Suitable tool for removing the securing rib (e.g. vibrating saw), if required.
- Suitable tool for de-burring the connection point (e.g. file), if required.

Checking Type of Coolant Hose

Work Procedure: 1 Check type of coolant hose (⇒ *Coolant hose -1-*).

1.1 Read off part number, compare it with the values in the table and proceed on a case-by-case basis.

Part No.	Designation
4MO.145.909.J	Coolant hose (old type)
4MO.145.909.L/4MO.145.909.M	Coolant hose (new types)

If a new type of coolant hose is installed:

Replace cooling-air flap on charge-air cooler without doing any additional work, see ⇒ *Workshop Manual '214819 Removing and installing cooling-air flaps for charge-air cooler'*.

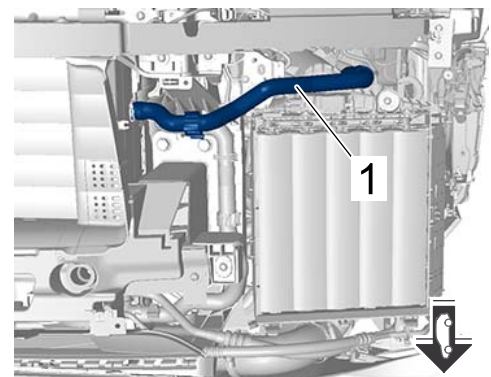
If the old type of coolant hose is installed:

If a new type of coolant hose is installed:

Replace cooling-air flap on charge-air cooler without doing any additional work, see ⇒ *Workshop Manual '214819 Removing and installing cooling-air flaps for charge-air cooler'*.

If the old type of coolant hose is installed:

Continue with "Reworking frame of cooling-air flaps on charge-air cooler (left)".

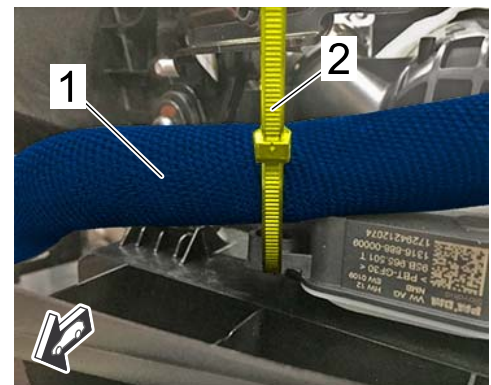


Coolant hose

Reworking Frame of Cooling-Air Flaps on Charge-Air Cooler (left)

Work Procedure: 1 Disconnect coolant hose (⇒ *Coolant hose mounting -1-*) from servo motor for cooling-air flap on charge-air cooler.

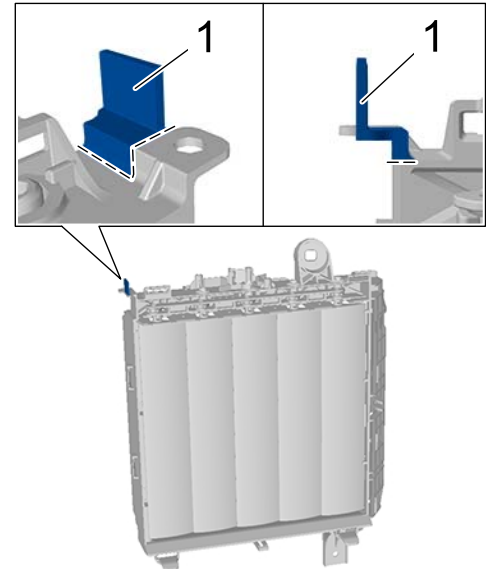
1.1 Cut tie-wrap (⇒ *Coolant hose mounting -2-*).



Coolant hose mounting

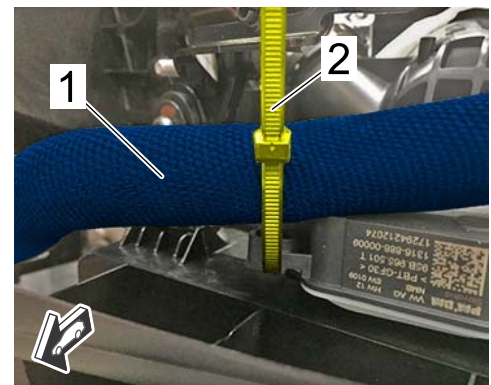
2 Remove old cooling-air flap on charge-air cooler, see ⇒ *Workshop Manual '214819 Removing and installing cooling-air flaps for charge-air cooler'*.

- 3 Rework frame of new cooling-air flap for charge-air cooler (left).
 - 3.1 Cut securing rib (⇒ *Cooling-air flap on charge-air cooler (left) -1-*) off the frame using a suitable tool (⇒ *Cooling-air flap on charge-air cooler (left) -Lines-*).
 - 3.2 Carefully de-burr connection point using a suitable tool.



Cooling-air flap on charge-air cooler (left)

- 4 Install reworked cooling-air flap for charge-air cooler, see ⇒ *Workshop Manual '214819 Removing and installing cooling-air flaps for charge-air cooler'*.
- 5 Position coolant hose (⇒ *Coolant hose mounting -1-*) and secure it to servo motor for cooling-air flap on charge-air cooler using a tie-wrap (⇒ *Coolant hose mounting -2-*).



Coolant hose mounting

Invoicing

Invoicing: The work involved is invoiced under the labor operation:

APOS	Labor operation	I No.
21484965	Reworking cooling-air flap for charge-air cooler	

For invoicing and documentation using PQIS, enter the following coding:

Location (FES5)	21480	Cooling-air flaps for charge-air cooler
Damage type (SA4)	1035	Tight fit/too much material

References: ⇒ *Workshop Manual '214819 Removing and installing cooling-air flaps for charge-air cooler'*

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