

Vibration Symptom - Vibrations From Footwell and Steering Wheel Area: Replacing grommets and spacer sleeves for pressure pipes (SY 40/19)

Vehicle Types: **Cayenne (9YA)/Cayenne E-Hybrid (9YA)**

Model Year: **As of 2018 up to 2019**

Equipment: **3.0-liter V6 Turbo engine (engine type: DCBE)**

Subject: **Securing pressure pipes to lock carrier**

Symptom: Vibrations can be felt in the footwell and on the steering wheel during slight partial load acceleration.

Cause: The spacer sleeves fitted at the fastening points of the pressure pipes can cause too much pre-pressure on the relevant grommets. As a result, vibrations can be transferred via the body into the passenger compartment.

Remedial Action: Install modified grommets and spacer sleeves at the fastening points of the pressure pipes.

Required parts and materials:	Part No.	Designation - Use	Qty.
	867129669	⇒ Grommet For securing pressure pipe	4
	PAB129734	⇒ Sleeve For securing pressure pipe	4

Date of Introduction: Adapted spacer sleeves used from:

Date	04 April 2018
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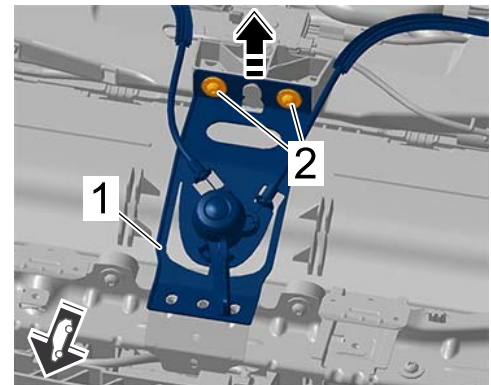
Preliminary work

- Work Procedure: 1 Remove air box for air cleaner, see ⇒ *Workshop Manual '242719 Removing and installing air box for air cleaner'*.
- 2 Remove front bumper, see ⇒ *Workshop Manual '631019 Removing and installing front bumper'*.

Replacing spacer sleeves for pressure pipes

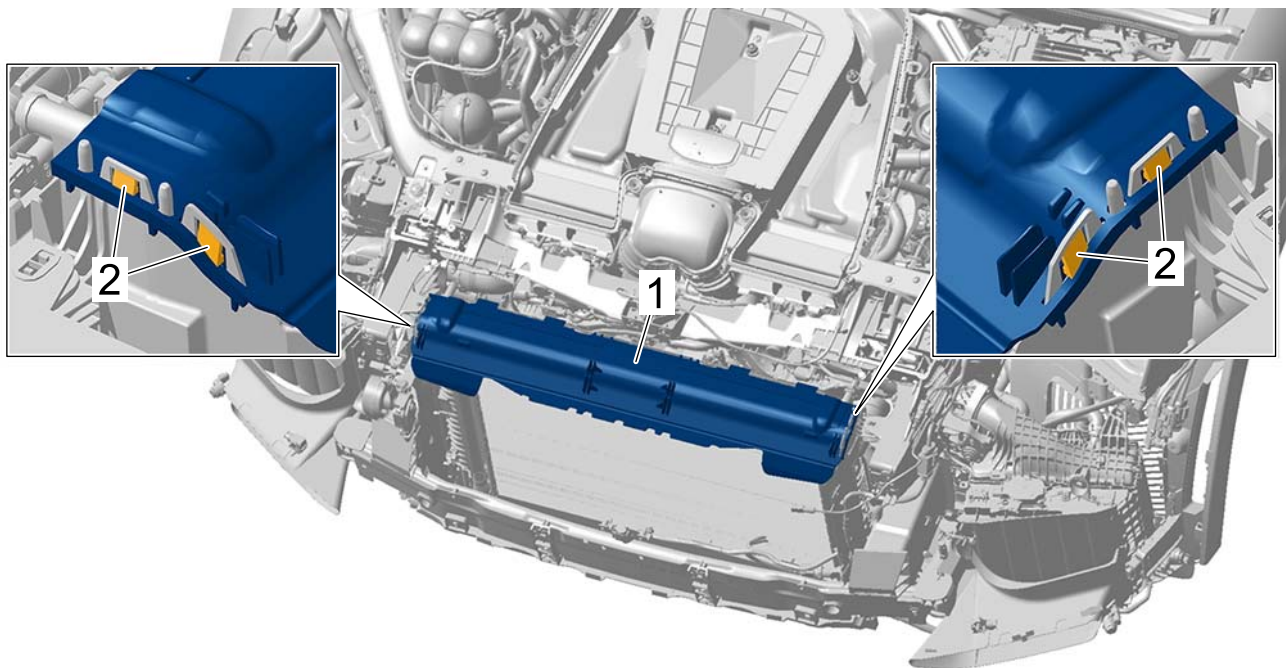
- Work Procedure: 1 Remove front release element (⇒ *Front release element -1-*).

- 1.1 Unscrew screws (⇒ *Front release element -2-*).
- 1.2 Pull front release element (⇒ *Front release element -1-*) up off the guide on the lock carrier (⇒ *Front release element -arrow-*) and set it aside.



Front release element

- 2 Remove radiator cover (⇒ *Radiator cover -1-*).
- 2.1 Press in clips (⇒ *Radiator cover -2-*) and pull radiator cover (⇒ *Radiator cover -1-*) up and off.

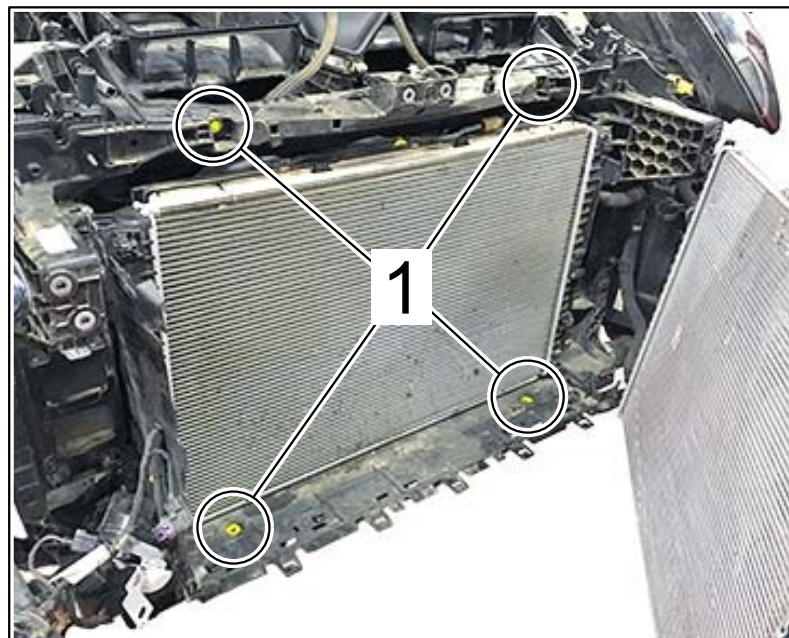


Radiator cover



Information

- Refrigerant or coolant lines must not be disconnected. The condenser is only swivelled aside.
 - When swivelling out and supporting the condenser, always make sure not to damage any lines.
- 3 Replace grommets and spacer sleeves (⇒ *Spacer sleeves for pressure pipes -1-*) at the fastening points of the pressure pipes.
 - 3.1 Loosen condenser and additional radiator (only on PHEV) from the lock carrier, swivel them out carefully and support them.
⇒ *Spacer sleeves for pressure pipes*
 - 3.2 Unscrew screws and replace grommets and spacer sleeves underneath.
 - 3.3 Screw in screws and tighten to **Tightening torque 8 Nm (6 ftlb.)** .
 - 3.4 Secure condenser and additional radiator (only on PHEV) to the lock carrier.



Spacer sleeves for pressure pipes

- 4 Install radiator cover. Make sure that the retaining lugs engage correctly.
- 5 Position front release element, fit screws and tighten to **Tightening torque 8 Nm (6 ftlb.)** .

Subsequent work

- Work Procedure: 1 Install front bumper, see ⇒ *Workshop Manual '631019 Removing and installing front bumper'*.
- 2 Install air box for air cleaner, see ⇒ *Workshop Manual '242719 Removing and installing air box for air cleaner'*.

Invoicing

Invoicing: For documentation and warranty invoicing, enter the labor operation, PQIS coding and part number specified below in the warranty claim:

APOS	Labor operation	I No.
50384910	Reworking lock carrier (429 TU)	

PQIS coding:

Location (FES5)	21410	Pressure pipe
Damage type (SA4)	1313	Vibrating, shaking

Parts Info:	Part No.	Designation - Use	Qty.
	867129669	⇒ Grommet For securing pressure pipe	4
	PAB129734	⇒ Sleeve For securing pressure pipe	4

References: ⇒ *Workshop Manual '631019 Removing and installing front bumper'*
⇒ *Workshop Manual '242719 Removing and installing air box for air cleaner'*

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