

**Replacement Requirement for Pressure Sensors for Refrigerant Circuit - Mixed Installation Not Permitted (70/24)**

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

Model Year: **As of 2020**

Concerns: **Refrigerant circuit pressure sensors**

**Cause:** **Due to the discontinuation of an electronic component within the pressure sensor, the pressure sensors for the refrigerant circuit have been switched to a changed component status.**  
 The changed component status can be identified by a changed part number.  
 Pressure sensors that correspond to the changed component status are not compatible with the previous pressure sensors.  
 If there is replacement requirement for a pressure sensor, it must therefore be ensured that all pressure sensors in the refrigerant circuit correspond to the same component status (identical part number). If this is not the case, the respective other pressure sensor/s must also be replaced as a one-off. Mixed installation of pressure sensors with different component status (mixed installation) is not technically permissible and leads to faults in the refrigerant circuit and in the air conditioning.

Overview  
of Pressure  
Sensors:

**Part No.**

**Corresponds to the following  
part identifier on the  
component**

**Designation**

PAB959603

4M0959603E

⇒ Pressure sensor for air-conditioning system (previous status, no longer available)

**or**

PAB959603B

4M0959603J

⇒ Pressure sensor for air conditioning system (changed status)



*Pressure sensor part identifier*

**1** – Pressure sensor part identifier

Action: If there is replacement requirement for a pressure sensor, ensure that all three pressure sensors in the refrigerant circuit correspond to the changed component status with the part identification 4M0959603J.

If this is not the case, all **three** pressure sensors must be replaced.

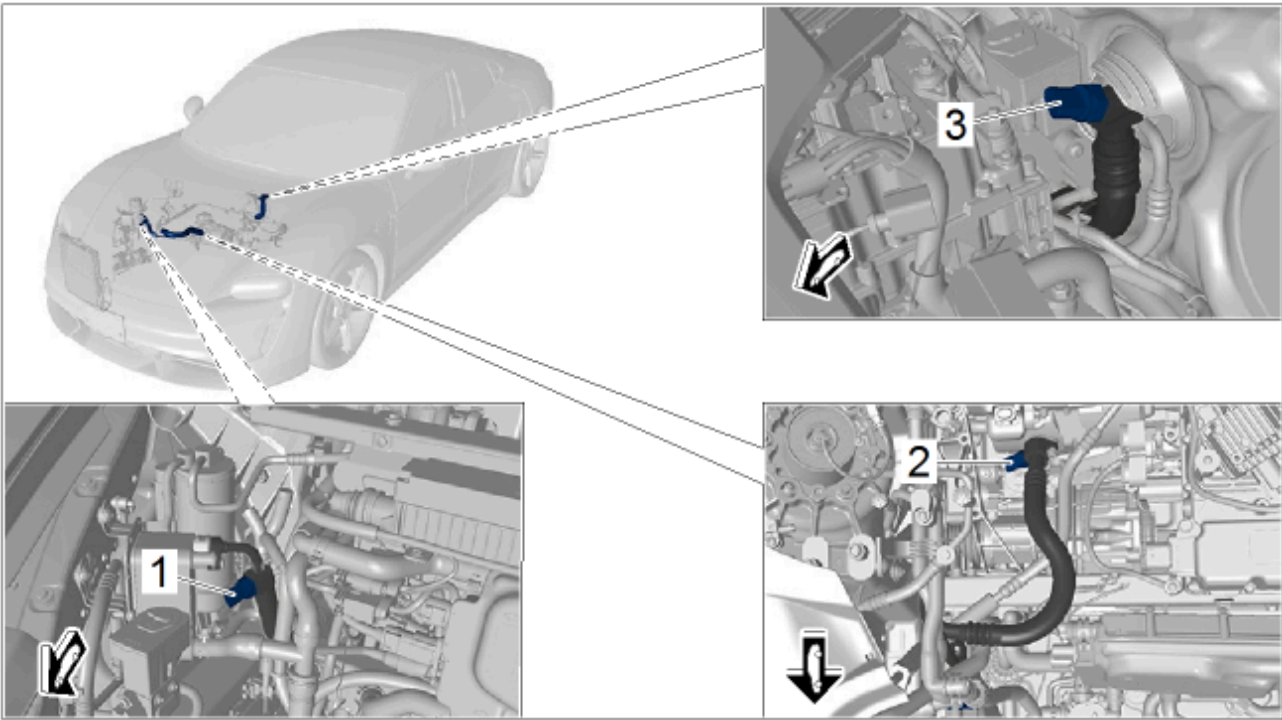
⇒ Workshop Manual '878319 Remove and install pressure sensor (PT1)'

⇒ Workshop Manual '878319 Remove and install pressure sensor (PT2)'

⇒ Workshop Manual '878319 Remove and install pressure sensor (PT3)'

Installation

Position:



Installation position of pressure sensors

- 1 – Pressure sensor (PT1)
- 2 – Pressure sensor (PT2)
- 3 – Pressure sensor (PT3)

Labor position and PCSS encryption -

Labor position:

APOS	Labour operation	I No.
87831950	Remove and install refrigerant circuit pressure sensor	
87831952	Remove and install refrigerant circuit pressure sensor	
87831953	Remove and install refrigerant circuit pressure sensor	
87835550	Replace refrigerant circuit pressure sensor	
87835552	Replace refrigerant circuit pressure sensor	
87835553	Replace refrigerant circuit pressure sensor	

PCSS encryption:

Location (FES5)	87830	Pressure sensor for refrigerant circuit
Damage type (SA4)	9744	Part not available

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