

Complaint - Red Hybrid Warning Message Appears in the Instrument Cluster: Performing Guided Fault Finding Before Doing Any Other Work (106/19)



Information

As soon as at least one of the specified fault codes is stored as a passive fault in the fault memory, **always perform guided fault finding** using the **PIWIS Tester** before doing any other work in order to avoid incorrect repairs – in particular, replacing the electric motor unnecessarily.

Vehicle Types: **Cayenne S Hybrid (92A)/Cayenne S E-Hybrid (92A)
Panamera S E-Hybrid (970)**

Model Year: **As of 2011 up to 2018**

Subject: **Electric machine**

Information: **The red hybrid warning message "Hybrid system failure – Park vehicle safely" appears in the instrument cluster.**

- The hybrid warning message disappears from the instrument cluster after the ignition is switched off and on again.
- One or both of the following fault codes are stored in the fault memory of the power electronics control unit:

Fault code	Designation
POA4100	Electric motor, rotor position sensor – short circuit to ground or open circuit
POA4200	Electric motor, rotor position sensor – short circuit to B+

Remedial Action:



Information

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- Tools:
- **9900 - PIWIS Tester 3**
 - **Battery charger** with a current rating of **at least 90 A** and a current and voltage-controlled charge map for lithium starter batteries, e.g. VAS 5908 - **Battery charger 90 A** or equivalent

Invoicing

Invoicing: For documentation and warranty invoicing, enter the PQIS coding specified below in the warranty claim.

Location (FES5)	27920	Electric motor
Damage type (SA4)	4021	Incorrect signal

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