

Complaint - Windshield Wiper Touching A-Pillar: Adjusting Wiper Angle (144/19)

Model line: **Cayenne (9YA)**

Model Year: **As of 2018**

Subject: **Windshield wiper motor**

Information: **The windshield wiper on the driver's side is touching the A-pillar at the top turning point.**

Remedial Action: **Adjust wiper angle using the PIWIS Tester.**

Required tools

- Tools:
- **9900 - PIWIS Tester 3** with installed PIWIS Tester software **version 38.900.000** (or higher)
 - **Battery charger** with a current rating of **at least 90 A**, e.g. **V A S 5 9 0 8 / battery charger 90 A**.

NOTICE

Fault entry in the fault memory and/or control unit coding aborted due to low voltage.

- **Increased current draw during diagnosis or control unit coding can cause a drop in voltage, which can result in one or more fault entries and the abnormal termination of the coding process.**
- ⇒ **Before getting started, connect a suitable battery charger with a current rating of at least 90 A to the jump-start terminals.**

NOTICE

Control unit coding will be aborted if the WiFi connection is unstable.

- **An unstable WiFi connection can interrupt communication between the PIWIS Tester and the vehicle communication module (VCI). As a result, coding may be aborted.**
- ⇒ **During control unit coding, always connect the PIWIS Tester to the vehicle communication module (VCI) via the USB cable.**

NOTICE

Control unit coding will be aborted if the driver's key is not recognized

- **If the driver's key is not recognized in the vehicle, coding cannot be started or will be interrupted.**
- ⇒ **Place the driver's key with the back facing down into the front left storage compartment in the centre console to guarantee a continuous radio link between the vehicle and the driver's key.**

Work
Procedure:



Information

The procedure described here is based on the PIWIS Tester 3 software version **38.900.000**.

The PIWIS Tester instructions take precedence and in the event of a discrepancy, these are the instructions that must be followed. Deviations may occur with later software versions, for example.

- 1 Connect a battery charger with a current rating of **at least 90 A**, e.g. **Battery Charger, 90 A**, to the jump-start terminals in the engine compartment and switch it on, see ⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*.
- 2 Position the driver's key in the rear area of the left cupholder in the centre console between the holding struts (emergency start tray) in order to guarantee a permanent radio link between the vehicle and driver's key ⇒ *Emergency start tray*.
- 3 Adjust wiper angle.
 - 3.1 Connect the **PIWIS Tester** to the vehicle and switch it on.
 - 3.2 Switch on the ignition.
 - 3.3 Start diagnostics.
 - 3.4 Select "**Front-end electronics (BCM1)**" control unit.
 - 3.5 Select the "**Maintenance/repairs**" tab.
 - 3.6 Select the menu item "**Windshield wiper motor, reduce wiper angle**" and press •F12" to continue.
 - 3.7 Follow the instructions on the Tester.
- 4 Switch off the ignition.
- 5 Disconnect the PIWIS Tester from the vehicle.
- 6 Switch off and disconnect the battery charger.



Emergency start tray

Invoicing

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

APOS	Labor operation	I No.
92152500	Programming wiper motor	

PQIS coding:

Location (FES5)	92150	Wiper motor
Damage type (SA4)	1100	Incorrect adjustment

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