

**Complaint — ‘Tire Type 21" All Season’ Cannot be Selected in the Instrument Cluster:  
Re-Coding the Instrument Cluster (16/23)**

Model Line: **Macan (95B)**

Model Year: **As of 2022**

Concerns: **Instrument cluster**

Cause: In the instrument cluster, the factory-installed 21" all-season tires cannot be selected. Initially, however, the tires were actively selected at the factory. After selecting another type of tire available in the instrument cluster, the 21" all-season tires are no longer available and can no longer be selected.

Action: To enable the selection of the 21-inch all-season tires in the instrument cluster, the instrument cluster must be re-coded with the latest PIWIS Tester software version.



**Information**

The minimum requirement for coding is the PIWIS Tester software version **41.700.020**.

**Required tools**

- Tool:
- **9900 - PIWIS Tester 3/ 4**
  - **Battery charger** with a current rating of **at least 90 A**, e.g. **VAS 5908 - battery charger 90A**.

For further information about the battery chargers to be used, see the corresponding Workshop Manual.  
⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*

**Re-coding the instrument cluster**

**NOTICE**

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

- **Increased power consumption during diagnosis can cause a drop in voltage, which can result in one or more fault entries and abortion of the diagnostic process.**

⇒ **Before starting control unit diagnosis, connect a suitable battery charger with a current rating of at least 90 A to the vehicle.**

**NOTICE**

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

- **An unstable Wi-Fi connection can interrupt communication between PIWIS Tester II and the vehicle communication module (VCI). As a result, control unit coding may be aborted.**

⇒ During control unit diagnosis, 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 in the area in front of the storage compartment under the armrest (emergency start tray) in order to guarantee a permanent radio link between the vehicle and driver's key.

#### NOTICE

Use of a PIWIS Tester software version that is older than the prescribed version.

- Measure is ineffective
- ⇒ Always use the specified version or a higher version of the PIWIS Tester software for control unit coding.



#### Information

The procedure described here is based on the PIWIS Tester software version **41.700.020**.

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.

Work Procedure: 1 **Re-coding instrument cluster.**

Specific information on control unit coding within the scope of this measure	
Required PIWIS Tester software version:	<b>41.700.020</b> (or higher)
Type of control unit coding:	Control unit coding using the <b>'Automatic coding'</b> function for the control unit:  <b>'Instrument cluster'</b> control unit – <b>'Coding/programming'</b> menu – <b>'Automatic coding'</b> function.

Coding sequence:	<p>Read and follow the <b>information and instructions on the PIWIS Tester</b> during the guided coding sequence.</p> <p><b>Do not interrupt coding.</b></p> <p>When coding is complete, the message 'Coding has been completed successfully' is displayed and a tick appears in the "Status" box.</p>
Procedure if control unit coding is <b>not successful</b> :	Repeat control unit coding.

- 2 After completing the coding process, check whether the 21" all-season tires installed ex works can now be selected in the instrument cluster.
  - 2.1 Select '**Tire pressure**' in the instrument cluster and confirm.
  - 2.2 Then select '**Tire type**' and confirm.
  - 2.3 Under '**Tire Type**', the **21" all-season tires** should now be available for selection.

If the **21" all-season tires** are not available, repeat the control unit coding and then check the selection again in the instrument cluster.

**Invoicing**

For documentation and invoicing in the event of a warranty claim, specify the following work item and the PCSS coding specified in the warranty claim:

APOS	Labor operation	I No.
90252502	Programming of the instrument cluster	

PCSS encryption:

<b>Location (FES5)</b>	90250	Instrument cluster
<b>Damage type (SA4)</b>	1134	Programming error

References: ⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*

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