WNA3 Re-Programming DME Control Unit (Delivery Stop)

Important: **CRITICAL WARNING** -This campaign includes steps where control unit(s) in the vehicle will be programmed with the PIWIS Tester. The vehicle voltage must be maintained between 13.5 volts and 14.5 volts during this programming. Failure to maintain this voltage could result in damaged control unit(s). Damage caused by inadequate voltage during programming is not a warrantable defect. The technician must verify the actual vehicle voltage in the PIWIS Tester before starting the campaign and also document the actual voltage on the repair order.

Model Year: **2022**

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

Concerns: **DME control unit**

Information: **Due to a possible software error in the DME control unit, there is a possibility that the functionality of catalytic converter heating will be impaired when starting the engine on the affected vehicles.**
As a result, there is a possibility that the legal emission limits cannot be guaranteed over the service life of the vehicle.

Action required: Re-program the DME control unit using the PIWIS Tester with software version **40.795.110** (or higher) installed.

Information
The vehicle may only be delivered to the customer if the software version specified in the TI (or higher) has been programmed on the DME control unit.

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information)

Scope overview:

Allocation	Exhaust emission standard	Action
Scope 1:	**–**	**Dummy scope**
Scope 3:	**ULEV**	*⇒ Technical Information 'Reprogramming of the DME Control Unit - Scope 3'*

Required tools

Tool:

- **9900 - PIWIS Tester 3** with PIWIS Tester software version **40.795.110 installed (only relevant for Scope 1-3)** (or higher)
- Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 battery charger 90A**

Re-programming of the DME Control Unit (ULEV) - Scope 3

Work Procedure: 1 Re-program DME control unit.

The basic procedure for control unit programming is described in the Workshop Manual ⇒ *Workshop Manual 'Basic instructions and procedure for control unit programming'*.

For specific information on control unit programming during this campaign, see table below.

Required PIWIS Tester software version:	**40.795.110** (or higher)	
Type of control unit programming:	Control unit programming using the **'Automatic programming'** function of the DME control unit: **'DME'** control unit – **'Coding / programming'** menu – **'Automatic programming'** function.	
Programming sequence:	Read and follow the **information and instructions on the PIWIS Tester** during the guided programming sequence. During the programming sequence, the **DME control unit** is **re-programmed** first, then the **PDK control unit** is re-programmed. Both control units are then **automatically** re-**coded**. **Do not interrupt programming and coding.** Once the control units have been programmed and coded, you will be prompted to switch the ignition off and then back on again after a certain waiting time. Backup documentation of the new software versions is then performed.	
The programming sequence takes (approx.):	**15 minutes**	
Software version programmed during this campaign:	Software part number Software version	**95B906259BH** **0001**

Procedure in the event of **termination** of control unit programming:	• Switch ignition off and then on again. • Read out and erase the fault memory ⇒*Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - "Rework" section'*. • Repeat control unit programming by restarting programming.
Procedure in the event of **other error messages** appearing during the programming sequence:	⇒*Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - section on "Fault finding"'*.

2 Select the **DME** control unit in the **Overview**.

3 Select **Maintenance / repairs**. Press •F12 " to continue.

4 Select **Adaptations**. Press •F12 " to continue.

All functions listed under Adaptations must be selected and adapted one by one.

5 Select Function. Press •F12 " to continue.

6 Adapt function. Press •F8 " to start.

6.1 Perform adaptation according to menu guidance. End adaptation with •F8 " .

7 Select the next function. Perform adaptation (for instructions, see above).

8 Read out all **fault memories**, process and delete existing faults if necessary.

9 Exit the diagnostic application. Switch off ignition. Disconnect the Tester from the vehicle.

10 Switch off and disconnect the battery charger.

11 Enter the campaign in the Guarantee and Maintenance booklet.
– End of action –

For warranty processing, see the Section ⇒*Technical Information '9X00IN Warranty processing'*.

Warranty processing

Scope 1: **Dummy scope**

Scope 3: **Re-programming DME control unit**

- **Exhaust emission standard "ULEV"**

Labor time:

Re-programming DME control unit		Labor time: **32 TU**
Includes:	Connecting and disconnecting battery charger	
	Connecting and disconnecting PIWIS Tester	
	Performing adaptations	
	Reading out and erasing fault memories	

⇒ **Damage code WNA3 066 000 1**