

WRV7 - Re-Programming Selector Lever Control Unit (Workshop Campaign)

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: 2025

Model Line: Panamera (YAA/YAB)

Concerns: Selector lever

Cause: Due to a defective software, it is possible in rare cases that the position of the selector lever is not reported to the transmission control unit.

If so, an error message is displayed in the Instrument cluster. In addition, at speeds below 25 km/h, the transmission switches automatically to neutral "N" position and separates the frictional connection. The desired gear can then be re-engaged when the vehicle is stationary.

Action: Re-program selector lever control unit using the PIWIS Tester.



Information

The minimum programming requirement is PIWIS Tester software release **43.000.021** (or higher).

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

Required Tools

- Tools:**
- **P90999 - PIWIS Tester 4**
 - 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**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*

Re-programming shift console

Work Procedure: 1 Re-programming shift console

The basic procedure for control unit programming is described in the Workshop Manual. ⇒ *Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester'*

Specific information on control unit programming during this campaign:

Required PIWIS Tester software release:	43.000.021 (or higher)
Type of control unit programming:	Control unit programming using the "Automatic programming" function in the shift console control unit.
Programming sequence:	Read and follow the information and instructions on the PIWIS Tester during the guided programming sequence. Do not interrupt the programming and coding process. A backup documentation process for the re-programmed software releases starts as soon as programming and coding is complete.
Programming and coding duration (up to):	2.5 minutes
Software release to be programmed during this campaign:	▪ Shift console control unit: 0065 (or higher) Following control unit programming, the software release can be selected from the relevant control unit in the "Extended identifications" menu using the PIWIS Tester.
Procedure in the event of error messages appearing during the programming sequence:	⇒ <i>Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester'</i> .
Procedure in the event of a termination in the control unit programming:	Repeat control unit programming by restarting programming.

- 2 Manually retract the rear spoiler, which extended automatically during programming.
- 3 Read out the fault memories of all control units. If necessary, work through existing faults and delete them.
- 4 End the diagnostic application. Switch off ignition. **P90999 - PIWIS Tester 4** must now be disconnected from the vehicle.
- 5 Switch off and disconnect the battery charger.
⇒ *Workshop Manual '270689 Charging vehicle electrical system battery'*
- 6 Enter the campaign in the Warranty and Maintenance Logbook.

Warranty processing

Scope 1: **Re-programming shift console**

Labor time:

Re-programming shift console

Labor time: **22 TU**

Includes: Connecting and disconnecting battery charger
Connecting and disconnecting PIWIS Tester
Retracting rear spoiler
Reading out and deleting fault memories

⇒ **Damage number WRV7 066 000 1**

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