WRG9 - Re-Code the Instrument Cluster (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: **As of 2017 up to 2024**

Model Line: **718 (982)**

Equipment: Bi-Xenon darkened main headlights, including the Porsche Dynamic Light System (PDLS) (**M. no. XEW**)

Concerns: **Instrument cluster control unit**

Cause: **Due to faulty coding, there exists the possibility that the headlights cannot be switched between right and left-hand traffic on the affected vehicles.**
When crossing the border into a country with traffic on the other side of the road, the lack of changeover option for the headlights can cause glare for the oncoming traffic.

Action: Re-program the instrument cluster control unit with the **latest** PIWIS Tester software release.

Minimum requirement: Release **42.700.025**

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 90A**

Re-coding instrument cluster

Work Procedure: 1 Re-code instrument cluster control unit.

The basic procedure to be followed for coding the control unit is described in the Workshop Manual:
⇒ *Workshop Manual 'Basic instructions and procedure for control unit programming using the PIWIS Tester'*

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

Specific information on control unit coding as part of this campaign	
Required PIWIS Tester software release:	**42.700.025** (or higher)
Type of control unit coding:	Control unit coding using the **'Automatic coding'** function for the control unit: **'Instrument cluster'** control unit – **'Coding / programming'** menu – **'Automatic coding'** function.
The programming sequence takes (approx.):	**5 minutes**
Coding sequence:	Read and follow the **information and instructions on the PIWIS Tester** during the guided coding sequence. **Do not interrupt the coding process.** When coding is complete, the message "Coding has been completed successfully" is displayed, and a tick appears in the "Status" box.
Procedure if control unit coding is **not successful**:	Repeat control unit coding.

2 Enter campaign in the Warranty and Maintenance logbook.

Warranty processing

Information

The specified labor time was determined specifically for carrying out this campaign and includes all necessary preliminary and subsequent rework.
The labor time may differ from the working times published in the Labor Times in the PCSS.

Scope 1: **Re-coding instrument cluster control unit**

Labor time:

Re-coding instrument cluster control unit — Labor time: **31 TU**
Includes: Connecting and disconnecting battery charger
Connecting and disconnecting PIWIS Tester

⇒ **Damage number WRG9 066 000 1**