PORSCHE

Advanced Technical Information

Bulletin #: 2002
Part ID: 0X00

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VAL Voltage Requirements & Thresholds

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
All	All	All	N/A	N/A

Revision History

Revision	Release Date	Changes
0	August 10, 2020	Original document

Technical Background

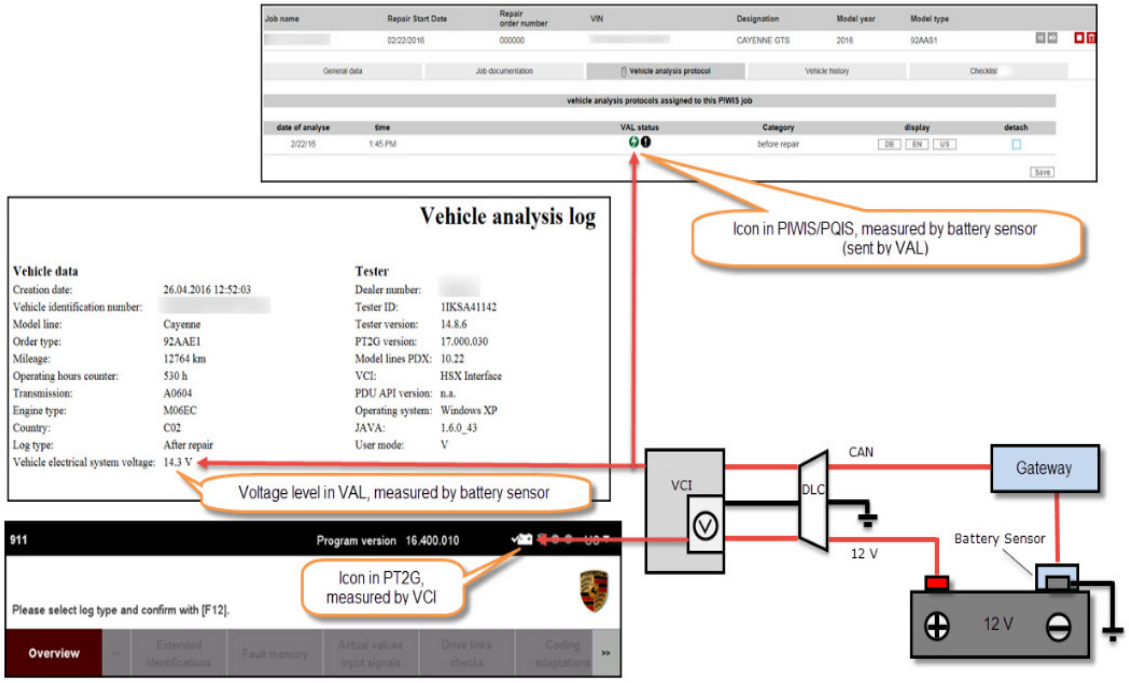
Vehicle battery voltage threshold, when creating a VAL.

Service Information

13.0V - 16.7V Voltage OK

As of PT2G V 15.500		
Icon PT2G	Thresholds	up to 12.9 V Voltage too low 13 V to 16.7 V Voltage OK 16.8 V or higher Voltage too high
	Source	Measured by VCI
Icon PIWIS PQIS	Thresholds	up to 12.9 V Voltage too low 13 V to 16.7 V Voltage OK 16.8 V or higher Voltage too high
	Source	Measured by Battery Sensor (sent by VAL)

The below graphic explains how the voltage is read, by the PT3G & by PIWIS/PCSS.



Please note: this requirement is for the creation of the VAL only. this does not take the place of any workshop manual, or campaign instructions.

As a general rule, the required voltage levels for performing coding & programming operations, remains at 13.5V - 14.5V for all vehicles, except the 918.

For the 918 it is mandatory to have a set voltage level of 13.8V

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