
Special Tools and Equipment Information

SPTL 2413a

Data Signal Strength and Speed in the Porsche Center - MRT Requirements

USA Only

Vehicle Type: All Porsche

Subject: Minimum requirements for:
WiFi, Mobile/Cell, GPS signal, and Internet Speed in the workshop

Information: PCNA has identified the need for minimum requirements of the connection signals and speeds in the Porsche Center Workshop, Porsche Service Center, Porsche Factory, and any location where a Porsche Vehicle Handover, Connect Activation, PDI, Service, Repair, or Customer concern validation is completed.

If the listed minimum standards cannot be met at all Working Bays, Service Drive, and Delivery Bays, the Porsche Center must work with a local service provider to install the necessary hardware and service plans to ensure compliance.

The standards below are Required and count as MRT (Minimum Required Tools).

Update Note: *The minimum requirements in this document pertain to technology that is ever changing, adapting, and upgrading, the specs will be updated as needed. Always refer to PPN for the latest standards and do not rely on printed versions of this information.*

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Internet (ISP): Minimum ISP Internet connection speed:

- **1Gbps**

The Porsche Center is required to have a 1Gbps minimum internet connection speed available for the Workshop equipment including PiUS and the PT4G testers.

This connection is strictly for the Porsche Center Workshop and may NOT be shared with other departments, customers, or employee personal devices.

i.e. – Purchased internet speed from the ISP

WiFi/LAN: Minimum dedicated Workshop router bandwidth:

- **100Mbps per PT4G Tester**

The Porsche Center Workshop is required to have a dedicated WiFi network for the Workshop Equipment ONLY. The minimum router standard is WiFi 5. WiFi 6, 6E, or 7 is recommended.

This connection is strictly for the Porsche Center Workshop and may NOT be shared with other departments, customers, or employee personal devices.

i.e. – Router broadcasting “Workshop WiFi” that the PT4Gs are connected.

– If your PC has 10 PT4G tester you would need 1000Mbps or 1Gbps of bandwidth

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Mobile/Cellular: Minimum signal measured by the Porsche vehicle and read via the PT4G:

- **Macan H2 - 20%, All others - 48%**

NOTE - See page 5 for PT4G measuring the signals.

The Porsche Center is required to have minimum levels of mobile data (cellular) available in areas listed below

- All Workshop working bays
- Service drive and write-up area
- Delivery bays
- All areas where Vehicle Handover, Connect Activation, PDI, Service, Repair, or Customer concern validation is completed

If the required signal is not available in these locations, a repeater/booster or active DAS system will be necessary. Contact a local service provider to install the necessary hardware and service plans to ensure compliance.

GPS: Minimum signal measured by the Porsche vehicle and read via the PT4G:

- **6 GPS Satellites**

NOTE - See page 6 for PT4G measuring the signals.

The Porsche Center is required to have minimum levels of GPS signal available in areas listed below

- All Workshop working bays
- Service drive and write-up area
- Delivery bays
- All areas where Vehicle Handover, Connect Activation, PDI, Service, Repair, or Customer concern validation is completed

If the required signal is not available in these locations, a repeater/booster or active DAS system will be necessary. Contact a local service provider to install the necessary hardware and service plans to ensure compliance.

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PiUS:
(hardware)

Minimum spec for the PiUS PC:

- **Free Storage – 1TB**
- **Available RAM – 8GB**
- **WiFi 5 or above**
- **Windows 11**

The Porsche Center is required to have a PiUS 3.0 Application (server) installed on a PC in the Workshop.
This application is referred to as a “server” by Porsche AG (PAG).

This PC with PiUS installed is required to be located in the Workshop.

Porsche Technicians must be allowed direct and unlimited access to the PiUS PC without IT support or outside department involvement.

i.e. – The PiUS application can be installed on the Porsche Shop Foreman's PC

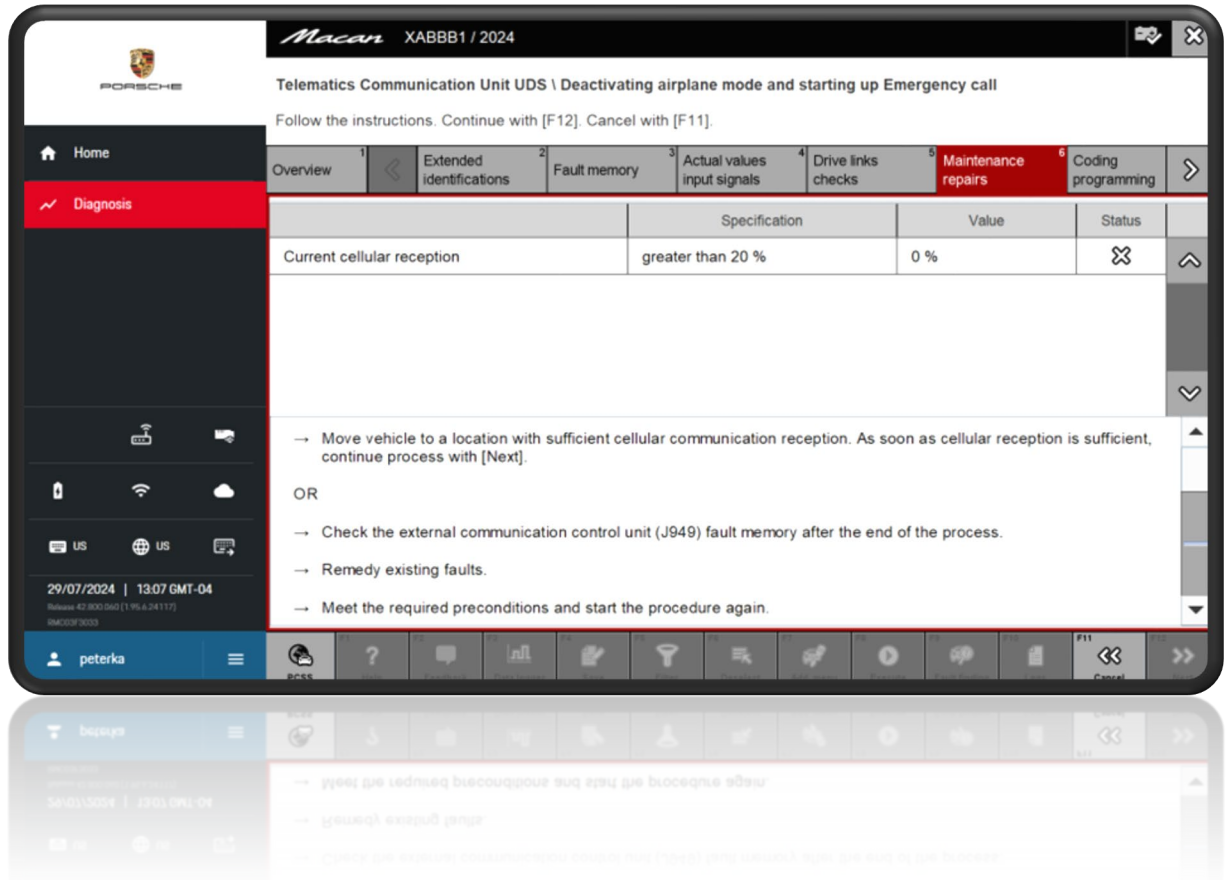
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Mobile Data:



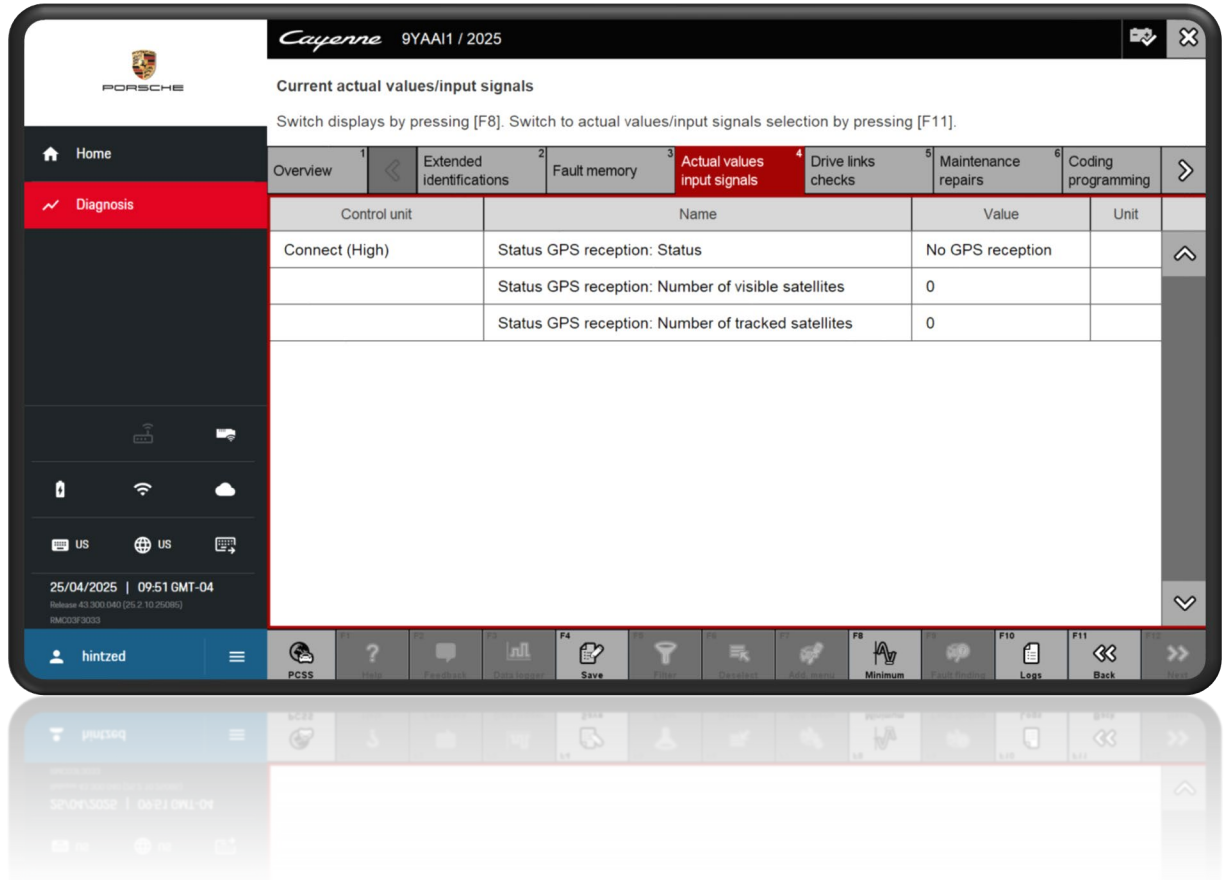
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GPS:



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Ordering Process:

Tools identified with a prefix of VAS, VAG and "T":

Place orders via porsche.snapon.com.

Tools with a prefix of 000 721, 918 721, PNA or "P"

Place orders via POLARIS (PPL).

Diagnostic Equipment:

Open a PRMS ticket. Technical Support >> [Tester Support](#)

Special Tool Support:

For questions related to VAS, VAG, and "T" tools:

Contact SBS customer care at 1-855-895-2013 or PorscheTEP@SnapOn.com.



For Polaris numbers 000.721, 918.721, PNA and "P" tools:

Open a PRMS ticket. Technical Support >> [Special Tools](#)

Diagnostic Equipment:

Open a PRMS ticket. Technical Support >> [Tester Support](#)

Workshop Equipment Classification:

- ★ Servicing and maintenance
- ★★ Replacement of units and assemblies
- ★★★ Disassembly of units and assemblies
- ★★★★ Rental
-  Body & Paint
-  High-voltage

***All prices shown are valid as of the day of publishing and are subject to change without notice.**

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.