

## iCarsoft POR V4.0

### Porsche Diagnostic Scanner

PIWIS-Grade Diagnostics. Built for Porsche Owners and Independent Technicians.

The POR V4.0 covers every Porsche system — from engine and transmission to SRS airbag, ABS, and dealer-level ECU adaptations — with full bidirectional control, 28 service functions, and lifetime free software updates. Compatible with all Porsche models from 1996 to 2025.

✓ 5" Android Touchscreen ✓ CAN-FD Supported ✓ 15 Languages ✓ Lifetime Free Updates

### 1. One Device Covers 3 Vehicle Make Groups

The iCarsoft POR V4.0 comes pre-installed with software for Porsche, making it ready to use right out of the box. 2 further vehicle make groups can be downloaded when you need it free of charge.

Below are the vehicle groups for selection:

| No. | Vehicle Make Group | Supported Brands   |
|-----|--------------------|--|
| 1   | For BMW            | For BMW / For Mini / For Rolls-Royce   |
| 2   | For BENZ           | For BENZ / Maybach   |
| 3   | For Sprinter       | For Sprinter   |
| 4   | For Smart          | For Smart  |
| 5   | For Chrysler       | For Chrysler / For Dodge / For Jeep  |
| 6   | For Daewoo         | For Daewoo<br>* Full coverage of all models and production years                 |
| 7   | For Fiat           | For Abarth / For Fiat / For Lancia / For Alfa Romeo / For Ferrari / For Maserati |
| 8   | For Ford           | For Ford   |
| 9   | For G.M            | For G.M  |
| 10  | For Holden         | For Holden   |
| 11  | For Honda          | For Acura / For Honda  |
| 12  | For Hyundai        | For Hyundai / For KIA  |
| 13  | For Isuzu          | For Isuzu  |
| 14  | For JLR            | For Jaguar / For Land Rover  |
| 15  | For Mazda          | For Mazda  |
| 16  | For Mitsubishi     | For Mitsubishi   |
| 17  | For Nissan         | For Infiniti / For Nissan / For Nissan GT-R                                      |
| 18  | For Opel           | For Opel / For Vauxhall  |

| No. | Vehicle Make Group | Supported Brands  |
|-----|--------------------|---|
| 19  | For P.S.A          | For Citroen / For DS / For Peugeot  |
| 20  | For Renault        | For Dacia / For Renault / For Renault Samsung   |
| 21  | For Saab           | For Saab  |
| 22  | For Subaru         | For Subaru  |
| 23  | For Suzuki         | For Suzuki  |
| 24  | For Toyota         | For Lexus / For Scion / For Toyota  |
| 25  | For V.A.G          | For Audi / For Bentley / For Bugatti / For Lamborghini / For Seat / For Skoda / For VW / For VW Commercial Vehicles / For VW LT3 / For MAN Light-Duty |
| 26  | For Volvo          | For Volvo   |

## 2. Powerful Hardware

iCarsoft POR V4.0 car diagnostic tool is equipped with a 5-inch Ultra HD Touch Screen, Android operating system, Quad Core 1.3 GHz processor, 64GB memory and a 5000mAh battery for around 6 hours of continuous use. It offers a user-friendly interface and an ultra-smooth diagnostic experience.

## 3. Lifetime Free Software Upgrades

Unlike other OBD scan tools on the market that require annual subscription fees, the POR V4.0 offers lifetime free software upgrades. Updates are delivered wirelessly via Wi-Fi, with new diagnostic protocols and vehicle model coverage continuously released.

## 4. Supports the Latest CAN-FD Protocol

CAN-FD (Controller Area Network – Flexible Data-rate) is the next-generation communication protocol that Porsche has adopted across its latest platforms.

## 5. Advanced Bi-Directional Control

Ordinary OBD scanners only read fault codes — they tell you what might be wrong, but not which part is actually failing. The POR V4.0 goes further: full bidirectional control lets you send commands directly to individual components and watch them respond in real time.

On a Porsche, that means you can:

- Cycle the ABS pump motor and bleed each wheel circuit individually
- Activate the fuel pump to verify pressure before tearing down the rail
- Test window regulators, door locks, mirrors, and sunroof motors module by module
- Command throttle body opening to diagnose idle and acceleration faults
- Run actuator tests on the PDK transmission, PASM dampers, and PCM infotainment modules

Identify the faulty part in minutes — not days of trial-and-error part-swapping.

## 6. Fast AutoVIN Identification:

Skip the manual VIN typing — simply plug in, and the tool identifies your vehicle in seconds. No typos, no extra lookup time. This boosts accuracy, eliminates input errors, and delivers a smoother, more reliable diagnostic experience.

## **7. Supports 15 Global Languages**

Porsche scanner POR V4.0 supports English, German, French, Dutch, Spanish, Czech, Swedish, Russian, Hungarian, Norwegian, Portuguese, Italian, Polish, Danish, and Finnish.

## **8. 28 Comprehensive Service Functions**

The POR V4.0 is far more than a basic code reader. It integrates 9 commonly-used service functions for daily maintenance and 19 advanced professional functions for complex repair tasks — 28 in total.

### **► 9 Hot Service Functions covering your daily maintenance needs.**

#### **Oil Reset:**

Allows you to reset the engine oil life system, service lamp, service mileage, and service intervals after an oil change.

#### **Electronic Throttle Control:**

Relearns throttle valve control parameters after resetting or replacing the throttle body.

#### **EPB-Brake-Pad Reset (EPB):**

Retracts the electric parking brake calipers and resets the brake pads after replacement.

#### **Steering Angle Reset (SAS):**

Calibrates the steering wheel to the straight-ahead position, or recalibrates the SAS after steering component replacement.

#### **DPF Regeneration:**

Performs DPF regeneration, component replacement initialization, and DPF relearning after engine control unit replacement — for diesel particulate filter systems.

#### **Injector Coding:**

Relearns the injector control parameters when an injector is renewed or replaced.

#### **ABS Bleeding:**

Bleeds air from the system to restore ABS brake response, or performs a relearn procedure after ABS replacement.

#### **Air Suspension Service:**

Supports calibration, height adjustment, system reset, and fault code clearing for air suspension systems. Lets you precisely set ride height, perform system initialization, and resolve common air suspension faults.

#### **Battery Management Service (BMS):**

Evaluates the battery charge state, monitors closed-circuit current, registers battery replacement, and activates the vehicle's sleep mode.

### **► 19 High level service functions for professional technicians:**

#### **TPMS Reset:**

Allows you to look up the tire sensor IDs from the vehicle's ECU, inputting TPMS sensor replacement IDs and testing sensors.

**Air Conditioner Service:**

Supports routine maintenance of A/C modules, including A/C system adaptation reset, compressor reset, compressor break-in, and stepper motor initialization.

**Head Lamp Service:**

Calibrates and initializes the adaptive headlamp system (AFS/Matrix LED) — required after headlight assembly replacement, level sensor adjustment, or front suspension repair. Essential for Porsche models equipped with Dynamic Light System or LED Matrix headlights.

**Body Stability Control Service:**

Supports routine maintenance of DSC modules, including resetting or deleting adaptation values, and initializing the unit.

**Engine Control Service:**

Supports routine maintenance of engine modules, including resetting or deleting adaptation values, and calculating fuel consumption.

**Transmission Control Service:**

Supports routine maintenance of transmission modules, including resetting adaptation values and transmission fluid level adaptation.

**Air-Bag Reset:**

Resets airbag data to clear the airbag (SRS) warning light after a collision.

**Seat Service:**

Calibration after repairing or replacing the seat position drive motor.

**Door-Window-Roof:**

Learns the top position of the door window glass, enabling pinch protection and the one-touch-up function.

**ODO Meter Reset:**

Reads odometer values stored in multiple ECUs (for service and verification purposes).

**Exhaust Gas Recirculation:**

Recirculates a portion of engine exhaust gas back into the intake system.

**Clutch Matching:**

Learns the clutch contact point and engagement position where the clutch begins to transmit engine torque. Applicable after ECU replacement, transmission removal/replacement, or clutch replacement. For adaptive clutches only.

**High Voltage Battery:**

Supports EV/hybrid high-voltage battery maintenance, including replacement adaptation and status monitoring.

**Cruise Control System:**

Performs adaptive cruise control (ACC) calibration and personalization

**Radar/Camera:**

Performs radar and camera learning and calibration (ADAS).

**Vehicle Setup:**

Configure features and match new components.

**Seat Belt:**

Performs seatbelt pretensioner reset and related maintenance after airbag deployment.

**Mileage Verification:**

Checks and compares odometer data stored across multiple ECUs to detect mileage tampering.

**VIN Verification:**

Reads and matches the VIN across all vehicle ECUs to detect inconsistencies or unauthorized module replacement.

Additional service functions are available in the Miscellaneous section.

## 9. Powerful Full Systems Diagnostics

In addition to the four standard systems (Engine, ABS, Airbags, and Transmission), the POR V4.0 provides diagnostic coverage for more complex vehicle systems.

- Read and Clear DTCs
- Read ECU Information
- Read Live Data
- Access all ECU modules via OBDII-16 DLC
- Read and Clear Freeze Frame Data

## 10. OE-Level Advanced Diagnostic Functions

Actuation/Bidirectional Test

Standardizing power windows

Calibration of combination sensor

AHBA Calibration

Headlight beam adjustment calibration

Calibrate longitudinal acceleration sensor

Calibrate fuel-level sensor

Calibrate rear lid

Calibrate seat occupancy detection

Adaptations

Speed sensor test

Steering column adjustment normalizing run

Swirl-flap actuator

## 11. Full OBD2 Test Modes — Emission-Ready

Supports all 10 OBD2 test modes for vehicles compliant with 1996+ OBDII/EOBD/JOBD/KOBD/CAN/CAN-FD

standards: Read Codes, Erase Codes, I/M Readiness, Live Data, Freeze Frame, Vehicle Information, O2 Monitor Test, On-Board Monitor, EVAP System Test, and Pending Codes.

## 12.Support Diagnostic History and Report printing

Users can quickly access previously tested vehicle systems and save, share, and print diagnostic reports.

Use the Feedback function to report issues encountered during use — our technical team will review and provide assistance. Diagnostic data can also be printed for future reference by connecting the device to a Windows PC via USB.

## 13. Product Specifications:

|                                       |   |
|---------------------------------------|---|
| <b>Operating System</b>               | Android   |
| <b>Processor</b>                      | Quad Core 1.3 GHz   |
| <b>Storage</b>                        | 64GB  |
| <b>Display</b>                        | 5-inch LCD capacitive touchscreen with 854x480 resolution   |
| <b>Connectivity</b>                   | USB 2.0 / Wi-Fi (2.4GHz) / OBDII  |
| <b>Power</b>                          | 9-18V   |
| <b>Operating Current</b>              | ≤500mA  |
| <b>Battery Capacity</b>               | 3.7V 5000mAh 18.5Wh   |
| <b>Tested Battery Life</b>            | Around 6 hours of continuous use  |
| <b>Type C Input</b>                   | 5V / 2A   |
| <b>Power Consumption</b>              | 500mA (LCD on with default brightness, Wi-Fi on) @3.7 V   |
| <b>Operating Temp.</b>                | 0 to 50°C (32 to 122°F)   |
| <b>Storage Temp.</b>                  | -20 to 70°C (-4 to 158°F)   |
| <b>Operating Humidity</b>             | 5% - 95% non-condensing   |
| <b>Dimensions (W x H x D)</b>         | 200 × 116 × 30.2 mm (7.87 × 4.57 × 1.19 in)   |
| <b>Net Weight</b>                     | ≈ 380 g   |
| <b>Supported Automotive Protocols</b> | ISO 9141-2, ISO 14230-2, ISO 15765, K/L-Line, Flashing Code, SAE-J1850 VPW, SAE-J1850 PWM, ISO 11898 (High-speed, Medium-speed, Low-speed, and Single-wire CAN), CAN-FD, SAE J2610, GM UART, UART Echo Byte Protocol, Honda Diag-H Protocol, TP2.0, TP1.6 |

## 14.Packing List:

- Main Unit (Diagnostic Tablet)
- Carry Case
- OBD2 Main Cable (16-pin)
- USB-C Cable
- Multi-Language User Manual

**i** Note: Use the charger you already own — no extra e-waste. The POR V4.0 can be charged using any standard USB-C charger (5V/2A recommended) or a computer's USB port.

**FAQ:**

Q1: Is the software updated regularly? Are updates free?

A: Yes. POR V4.0 includes lifetime free Wi-Fi software upgrades. No annual subscription required.

Q2: What's the difference between POR V4.0 and the older POR V3.0?

Vehicle make coverage expansion: POR V4.0 allows users to download additionally 2 vehicle make groups.

Hardware upgrade: POR V4.0 features upgraded hardware (5-inch touchscreen, Android OS, Quad-Core processor, 64GB storage, 5000mAh battery).

Q3: The POR V4.0 cannot recognize my vehicle by AutoVIN, does it mean the device is faulty?

A: It doesn't mean the device is faulty. You can send your vehicle VIN number to our support team; we will check if AutoVIN function supports your vehicle. If not available yet, you can manually select the vehicle model to diagnose, normal functions won't be affected. Our R&D team will add your VIN information into the database and release relevant updates later.

Q4: DTCs can be read normally but fail to be cleared or reappear after clearance, why?

A: Please keep ignition on and engine off. Record freeze frame data first before clearing codes.

Persistent hardware faults need physical repair prior to code clearance.

Some fault codes of systems like SRS and ABS can only be cleared after finishing bidirectional tests.

Q5: The device turns on but cannot establish a diagnostic connection. What should I do?

A: Please verify your vehicle model and production year. POR V4.0 supports Porsche models manufactured from 1996 to 2025. Certain service functions for 2024 vehicles are still being optimized. Disable the vehicle power-saving mode and update your firmware and software to the latest version.