iCarsoft POR V3.0

Porsche Diagnostic Scanner

PIWIS-Grade Diagnostics. Built for Porsche Owners and Independent Technicians.
The POR V3.0 covers every Porsche system — from engine and transmission to SRS airbag, ABS, and dealer-level ECU adaptations — with full bidirectional control, 26 service functions, and lifetime free software updates. Compatible with all Porsche models from 1996 to 2025.

✓ Advanced Bi-Directional Control ✓ CAN-FD Supported ✓ 15 Languages ✓ Lifetime Free Updates

1. Powerful Hardware

The iCarsoft POR V3.0 features a vibrant 4-inch screen and intuitive button navigation for quick, effortless menu browsing. It also comes standard with a dedicated card reader, making software and vehicle database updates entirely seamless via your PC. No Wi-Fi needed — update anytime via the included card reader and your PC.

2. Lifetime Free Software Upgrades

Unlike other OBD scan tools on the market that require annual subscription fees, the POR V3.0 offers lifetime free software upgrades.

3. 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.

4. 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 V3.0 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.

5. 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.

6. Supports 15 Languages

Porsche scanner POR V3.0 supports English, German, French, Dutch, Spanish, Czech, Swedish, Russian, Hungarian, Norwegian, Portuguese, Italian, Polish, Danish, and Finnish.

7. 26 Comprehensive Service Functions

The POR V3.0 is far more than a basic code reader. It integrates 9 commonly-used service functions for daily maintenance and 17 advanced professional functions for complex repair tasks — 26 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.

▸ 17 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.

Additional service functions are available in the Miscellaneous section.

⚠ Compatibility Notice: The specific diagnostic service functions vary by vehicle brand, model, production year,

and ECU configuration.

9. Powerful Full Systems Diagnostics

In addition to the four standard systems (Engine, ABS, Airbags, and Transmission), the POR V3.0 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:

Display	4.0-inch TFT LCD color screen with 480 x 320 resolution
Connectivity	USB 2.0 / OBDII
Power	9-18V
Type C Input	5V / 500mA
Power Consumption	1.8W (Typical)
Operating Temp.	0 to 50°C (32 to 122°F)
Storage Temp.	-20 to 70°C (-4 to 158°F)
Operating Humidity	5% - 95% non-condensing
Dimensions (W x H x D)	206 × 104.1 × 32.6 mm (8.11 × 4.10 × 1.28 in)
Net Weight	≈ 350 g
Supported Automotive Protocols	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

• Carry Case

• OBD2 Main Cable (16-pin)

• USB-C Cable

• TF Card Reader

• Multi-Language User Manual

FAQ:

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

A: Yes. POR V3.0 includes lifetime free software upgrades. No annual subscription required.

Q2: What's the difference between POR V3.0 and the older POR V2.0?

A: The ultimate upgrade of the POR V3.0 over the POR V2.0 is its newly added Bi-Directional Control (Actuation Tests) capability and a significantly expanded range of service reset functions, both of which are completely unsupported on the older POR V2.0.

Q3: The POR V3.0 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 V3.0 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.