

This manual explains basic installation, connection, and safe use of the V011 Bluetooth Low Energy (BLE) OBD-II adapter with compatible vehicles and mobile apps.



## Product Overview

- Connects to the vehicle via the standard 16-pin OBD-II diagnostic port and to a smartphone via Bluetooth Low Energy (BLE)
- Reads engine/emissions Diagnostic Trouble Codes (DTCs) and allows clearing codes (where permitted by the vehicle and regulations)
- Displays live data such as RPM, vehicle speed, coolant temperature, fuel trims, engine load and battery voltage (availability depends on vehicle and app). Supports common OBD-II test/readout functions such as freeze frame, on-board monitor test, Mode 6, oxygen sensor test and Mode 8 (availability depends on vehicle and app).

## What's in the Box

Adapter x1; User Manual x1; Color box x1

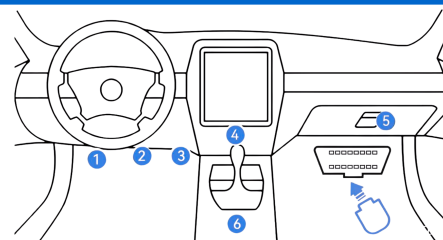
## Vehicle Compatibility

- Designed for OBD-II / EOBD compliant passenger vehicles (typically 12 V systems; operating voltage DC 9 V to 16 V).
- OBD-II standard diagnostics mainly cover engine/emissions. Access to other modules (ABS/SRS/transmission, etc.) depends on the app and the vehicle and is not guaranteed.
- If you are unsure whether your vehicle supports OBD-II/EOBD, refer to the vehicle owner's manual or contact the vehicle manufacturer. If you still have questions, please contact your seller or Drove West support at [info@drovewest.com](mailto:info@drovewest.com).

## Find the OBD-II Port

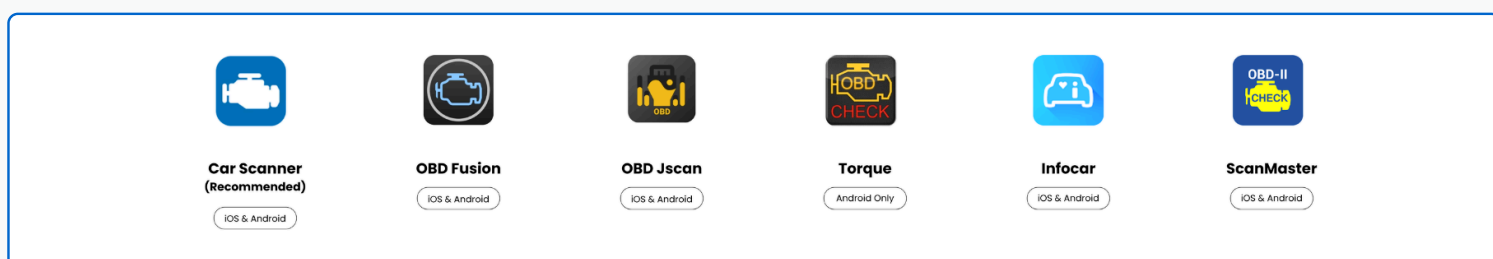
OBD-II port location varies by vehicle model. Common locations include:

- Under the dashboard on the driver's side (above the pedals)
- Near the steering column (left or right side)
- Center console area (behind a small cover)



## App Download & Selection

App is not included. Use a compatible OBD diagnostic app that supports Bluetooth Low Energy (BLE). You may use an OEM-branded app if provided, or third-party apps (examples: Car Scanner, Infocar, Torque Pro, OBD Fusion). App availability/pricing and supported functions are controlled by the app developer.



### Quick Start: iOS / iPhone

- 1 Plug the adapter into the vehicle OBD-II port
- 2 Turn the ignition to ON (dashboard lights ON). Engine can be OFF unless the vehicle requires the engine running
- 3 Enable Bluetooth on the iPhone
- 4 Open the diagnostic app and connect inside the app (BLE devices typically do not pair in iOS Bluetooth Settings)
- 5 After connecting, start diagnostics and view live data

### Quick Start: Android

- 1 Plug the adapter into the vehicle OBD-II port
- 2 Turn the ignition to ON (dashboard lights ON)
- 3 Enable Bluetooth on the phone
- 4 Enable Location services if requested (often required for BLE scanning)
- 5 When prompted, allow permissions such as Bluetooth / Nearby devices / Location
- 6 Open the diagnostic app and connect inside the app

### How to Use (in the App)

- Typical functions include Read Codes, Clear Codes, Live Data, I/M Readiness, and Freeze Frame (features depend on the app and the vehicle)
- Record codes before clearing. Clearing codes does not repair the underlying issue
- If a value is missing (for example oil temperature), the vehicle ECU may not provide that parameter via OBD-II

### ✓ Tips for Stable Connection

- Keep the phone within 1-2 meters of the adapter and avoid metal shielding/interference
- Use only one diagnostic app at a time (close other OBD apps)
- Android: disable aggressive battery optimization for the diagnostic app to prevent disconnects

### i After Use

- Unplug the adapter after use to reduce battery drain risk and prevent accidental damage
- Store in a dry place away from extreme temperatures and moisture

### 🛡️ Safety Notes

- ⚠️ Use only when the vehicle is safely parked. Do not operate the app while driving
- ⚠️ This adapter is intended for diagnostics and monitoring; it does not repair vehicle faults
- ⚠️ Do not disassemble, modify, or repair the product. There are no user-serviceable parts inside

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