

Bluetooth 4.0 OBD-II Car Diagnostic Scanner

USER MANUAL

OBDBTSCAN

Thank you for purchasing Elinz OBDBTSCAN, This Mini OBD-II Car diagnostic scan tool is an easy-to-use, inexpensive and small OBD-II device that turns your iOS or Android smartphones or tablets into a sophisticated diagnostic scan tool. Read and clear trouble codes, reset Check Engine light, as well as display live sensor readings with the use of OBD-II Apps such as Torque (Android) or Auto Doctor (iOS). This adapter works on OBD-II compliant vehicles and is very useful gadget that will save you time and money that you spend on the expensive dealer visits.

What is OBD-II?

OBD (On-Board Diagnostics) is a computerized system that provides access to data from the engine control unit (ECU) and offers a valuable source of information when troubleshooting problems inside a vehicle.

It ensures that the system is operating as designed or delivering what it is designed to do. If something is outside the prescribed operating conditions, an alert can be sent out, or other actions can be taken to bring the system back into balance.

OBD main goals are:

- Increase fuel economy by ensuring optimal engine running conditions
- Reduce emissions
- Reduce the time between a system failure and notification through constant monitoring and comparison of acceptable system data
- Aid diagnostics and repair of emissions equipment

How to know if your vehicle is OBD-II compliant?

Here in Australia most our cars are from Japan, Europe or made in Australia for some models. All cars made for the Australian market from 2005-2006, So if your car was new in Australia after 2005 it will have OBD2 and you can use an OBD2 scan tool.

All American cars made from 1996 onwards are OBD-II Compliant.

Check your cars ECU label or user manual to see if its OBD-II Compliant.



Product Parameters

1. Communication method: Bluetooth 4.0
2. Software platform: Support Android/Windows/iOS
3. Operating voltage: 9V~16V
4. Operating Temperature: -40°C~85°C
5. Operating humidity: <60%
6. Supported vehicle: OBDII Protocol vehicle

Multi-Protocol Support

1. SAE J1850 PWM (41.6Kbaud)
2. SAE J1850 VPW (10.4Kbaud)
3. ISO9141-2 (5 baud init, 10.4Kbaud)
4. ISO14230-4 KWP (5 baud init, 10.4Kbaud)
5. ISO14230-4 (fast init, 10.4Kbaud)
6. ISO15765-CAN (11bit ID, 500Kbaud)
7. ISO15765-CAN (29bit ID, 500Kbaud)
8. ISO15765-CAN (11bit ID, 250Kbaud)
9. ISO15765-CAN (29bit ID, 250Kbaud)

Compatible Apps



Torque



OBD Fusion



DashCommand



EOBD



Auto Doctor



ScanMaster-ELM



Car Doctor

Android: Torque, DashCommand, EOBD, Car Doctor, Auto Doctor

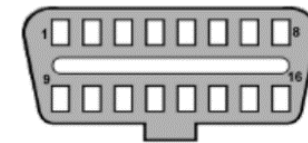
iOS: OBD Fusion, DashCommand, Car Doctor, Auto Doctor

Windows: ScanMaster-ELM

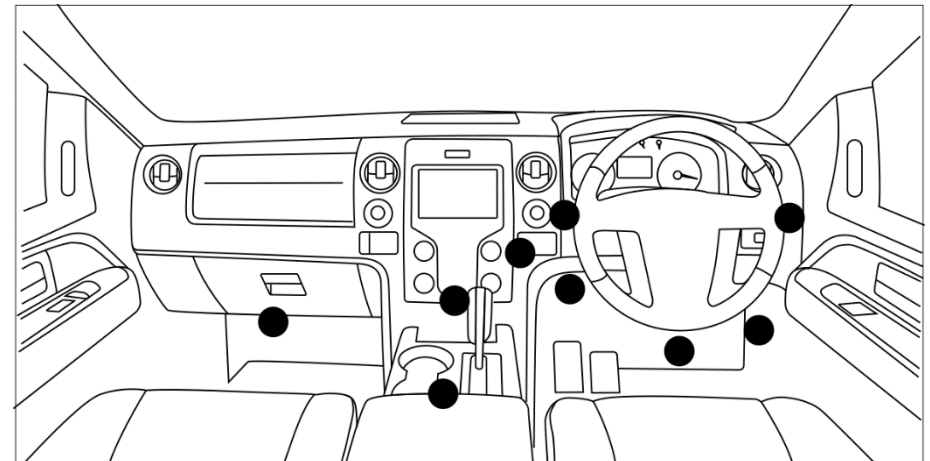
Where can I find the OBD-II Port?

OBDII ports are usually fairly straight forward and easy to access - either under the steering wheel column in the cab of the vehicle or beneath the dashboard. Sometimes OBD ports are concealed behind a protective cover.

Search for 16-pin D-shaped connector that will match the adapter.



If you can't find your OBDII port in location, please refer to the diagram below for other possible locations.



Step 1. Download and install the APP of your choice according to your smartphone operating system. You may try this Free Torque App for Android and Auto Doctor for iOS to get started.

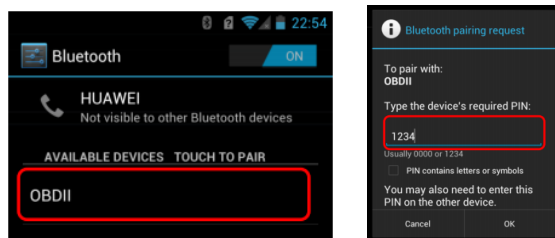


Step 2. Plug the device into the OBD-II port on your vehicle. Make sure it fits well.

Step 3. Turn ignition key to the ON position. For Push Button Start Vehicles, press the button once or twice without stepping your foot on the brake pedal (all dash lights on; check your car manual).

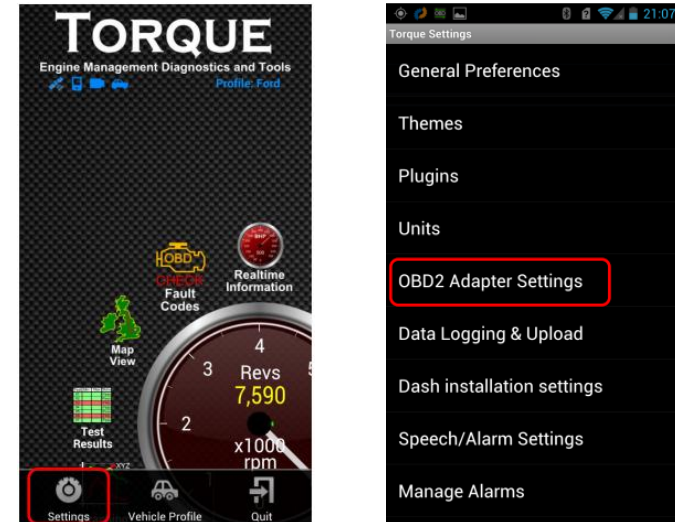
Step 4. Enable Bluetooth on your Android device and search "OBDII" Bluetooth, Enter the password "1234 or 0000".to pair.

For iOS devices no Bluetooth pairing needed, make sure you have Bluetooth turned on. See video link under FAQ's and Troubleshooting for step by step setup.

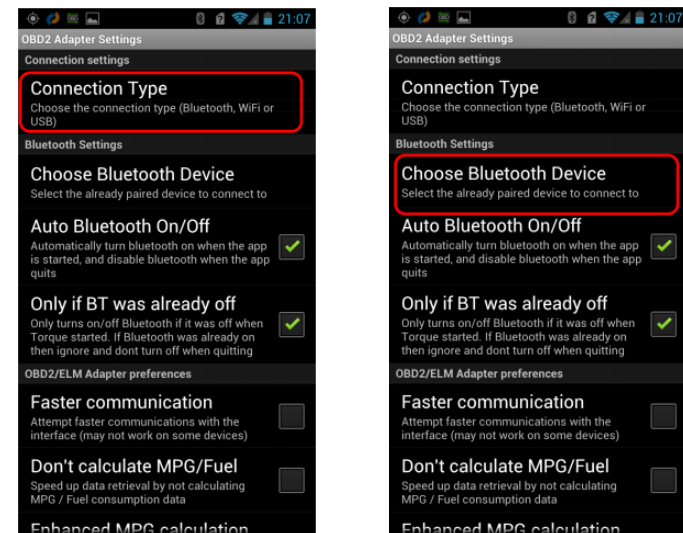


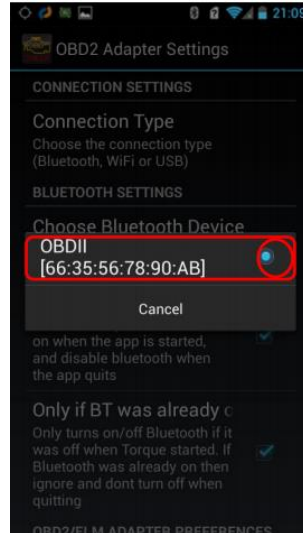
Step 5. Run the APP and navigate to the Settings from the App Main Menu, then select "OBD2 Adapter Settings".

See sample images in setting up Torque App for Android. Other compatible OBD-II App setting are similar to this.



Step 6. Select "Connection Type" and set it to "Bluetooth".





Step 7. Wait for the connection to be completed.



FAQ and Troubleshooting

Is App required?

An OBD-II App is required to work with the adapter and the functions you can get mainly depend on the app you use. It may require separate purchase.

Can i leave the scanner plugged in all the time?

Because OBD-II port is always powered, the scanner will have power consumption when vehicle is turned off. Therefore, we suggest you remove it from the OBD port if it is not in use. In addition, for long session of use (especially on vehicles with old battery), start the vehicle.

OBDII is not showing up on my phones Bluetooth list.

Check the device if it is plugged in; Check if the unit gets warm after being plugged in. You can also try with another vehicle to verify.

App not connecting to the OBD-II Adapter.

Check the app compatibility first. Then make sure "OBDII" is connected with your phone and you have made the required app connection setting.

Cannot connect to vehicle.

Verify if your vehicle is OBD-II compliant. Make sure the ignition key is in ON position or start the vehicle to try. Then try it on another vehicle.

Can it read my ABS, airbag and other non-check engine lights?

It cannot read ABS, SRS Airbag, Stabilitrak, and other non-check engine light error. In order to read these codes, you will need special vehicle specific scanner or visit your dealership.



Which sensor data can i get?

Aside from reading diagnostic trouble codes both generic and manufacturer specific it can display their meaning, clear trouble codes and turn off the Check Engine Light. It can display current sensor data like Engine RPM, Calculated Load Value, Coolant Temperature, Fuel System Status, Vehicle Speed, Short Term Fuel Trim, Long Term Fuel Trim, Intake Manifold Pressure, Timing Advance, Intake Air Temperature, Air Flow Rate, Absolute Throttle Position, Oxygen Sensor Voltage, Fuel System Status, Fuel Pressure.

How to setup OBD Auto Doctor on iPhone via Bluetooth?

Here's video tutorial link that will show you how to setup OBD Auto Doctor on iPhone via Bluetooth.

<https://bit.ly/2Z62inO>



For any inquiries, issue or comments concerning our products, please send us an email to the address below and we will respond as soon as possible.

Feel free to contact us at 1300 881 773, send us an email at sales@elinz.com.au or chat with us.

