OBD Tool – Frequently Asked Questions

1. What is the minimum system requirement to run the software ?

All computers running Windows (any version) and having a USB port will do. The minimum screen resolution is 1024x600.

2. How to use the tool ?

- Have the ignition key in OFF position.
- Connect the OBD tool connector to the <u>4-pole RED DLC</u> plug of the bike, and connect the USB plug to your Windows PC.
  Warning: Never connect the OBD tool connector to a bike plug other than the RED plug.
- Start the OBD tool application.
- Select neutral, turn ignition On and have the engine stop switch in RUN position.
- Press the "Connect" button. The engine parameters must be shown on the screen.
- Start the engine if you wish to inspect parameters with the engine running.

3. Some parameters do not show any value, why ?

This means your vehicle does not have such kind of sensor, or that sensor data is not available through the OBD interface on your bike.

4. Can I get some description on the sensors ?

Yes, move your mouse on the sensor name and wait a second, an infotip will appear.

5. The "Throttle position" value does not change from 0 to 100, is that a problem ?

No, the value displayed here is not normalized and may vary from bike to bike.
The ECM learns the minimum and maximum TPS values and then knows how much throttle is applied.
The important thing is, the value should increase as you pull the throttle. Graph view can be useful to detect sensor malfunction.

6. The "Advance" parameter does not seem to be correct.

All parameters shown by the OBD tool are read from the bike computer, without modification. On certain bike models, the ignition Advance value should be multiplied by 2 or 4 if you need to know the real value.

7. What is the maximum measuring time ?

The measuring time is unlimited (depends only on available disk space). The OBD Tool automatically starts the recording when you connect to the ECM.

8. **If I purchase the OBD tool and in the future you develop the tool for other brands, will I be able to upgrade the existing tool or I'll have to buy a new one ?**

Our OBD Tool is motorcycle brand specific.
Currently we have it only for Honda and Suzuki. Here is the actual application list:
http://www.healtech-electronics.com/download/OBD-Tool_Application_list_en.pdf

The OBD-H01 will support ALL new Honda FI models, and the update is offered free of charge.

If you need a tool for both a Honda and e.g. a Suzuki, you'll need to purchase both OBD Tool models.
However, even if you purchase one for all major brands, the cost is still much smaller compared to other diagnostic systems.

9. **What are the advantages of this product compared to the factory HDS tool ?**
   - Cost is fraction of the factory tool, affordable even for individuals and small repair shops.
   - Connection to the ECM is MUCH easier and quicker, just press the Connect button and the OBD Tool does the rest. No need to enter the frame number, model, etc.
   - All sensor values are shown at the same time, on one screen.
   - Can be used on a dyno, also when the rear wheel is spinning.
   - The measurements are captured automatically and can be saved and played back from file.
   - It is possible to monitor the sensors on Graph.
   - The USB connection, compact size and auto setup make this product portable and extremely easy to use.
   - The software runs on any version of Windows, you can run it on a hardware (laptop, netbook) of your choice.
   - Rugged design, 100% weatherproof. Supplied in hard case.
   - Software updates are offered FREE of charge for the lifetime of this product.
   - Updates are automatic (requires an internet connection).
   - LIFETIME warranty.

10. **How do I update the software ?**

When you start the application and the computer has internet connection, it will check for new version automatically. If a new version is available, it will prompt you to update now or later.

11. **How can I install or update the software on an off-line computer ?**

Download the setup file from this link to a USB flash drive, then run the setup on the off-line computer:
http://www.healtech-electronics.com/obd/updates/Setup_OBD-Honda.exe

12. Can I try the software before purchase ?

Yes, install the software from this link:

http://www.healtech-electronics.com/obd/updates/Setup_OBD-Honda.exe

and open a .HDS sample file from the install folder, e.g.:

C:\Program Files\HealTech\OBD Tool for Honda\Samples\

You can play back the file and also try the Graph view mode.