

This guide will show you how to configure a Windows Mobile 5 PDA for Bluetooth connection to the KBM Systems OBDKey Bluetooth device.

You should first connect the OBDKey device to the vehicle and the vehicle key should be in, and in the ignition on position.

Then on your Windows Mobile 5 device, from the Today screen click on the “Bluetooth” icon. This is shown in the third row down (under the time “11.03”) of the screen image of figure 1.

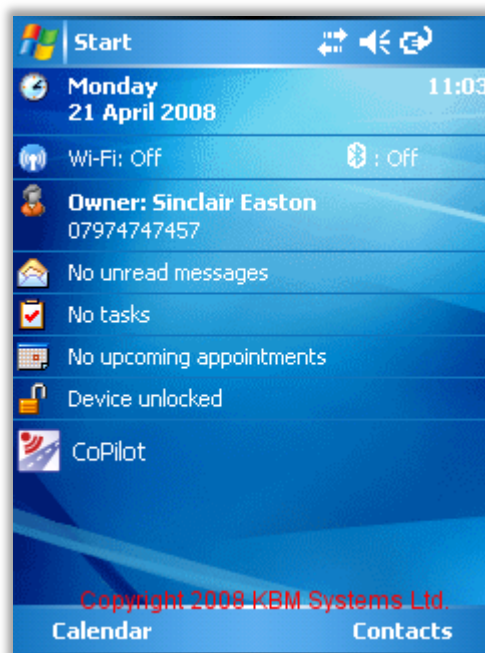


Figure 1 :: Today Screen

If your Bluetooth radio is OFF, turn it on by tapping on the Bluetooth icon. This is shown in Figure two as the top right icon of the 6 icons shown on this Windows Mobile device.



Figure 2 :: Wireless Manager – Bluetooth Shown as OFF. Tap on the Bluetooth option to turn Bluetooth on.

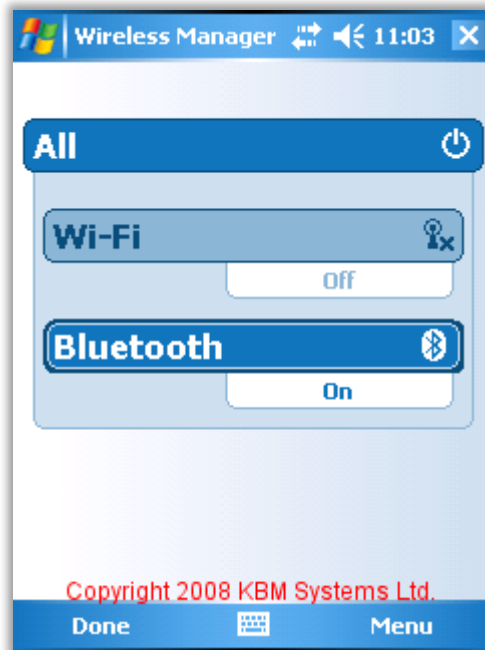


Figure 3 :: Wireless Manager – Bluetooth Shown as ON

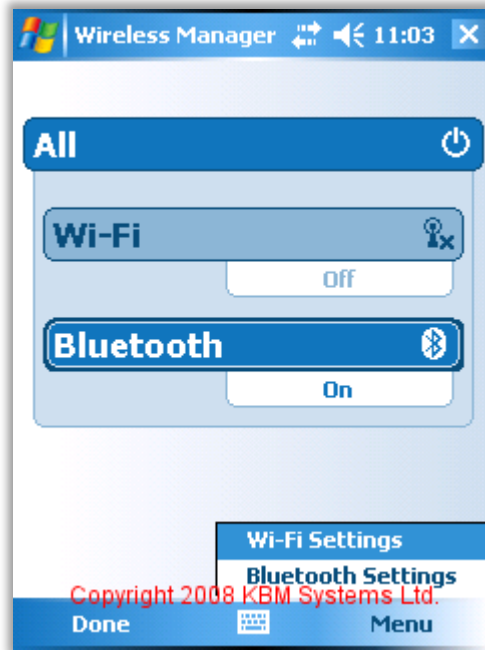


Figure 4 :: Wireless Manager – Select Bluetooth from the Settings Menu

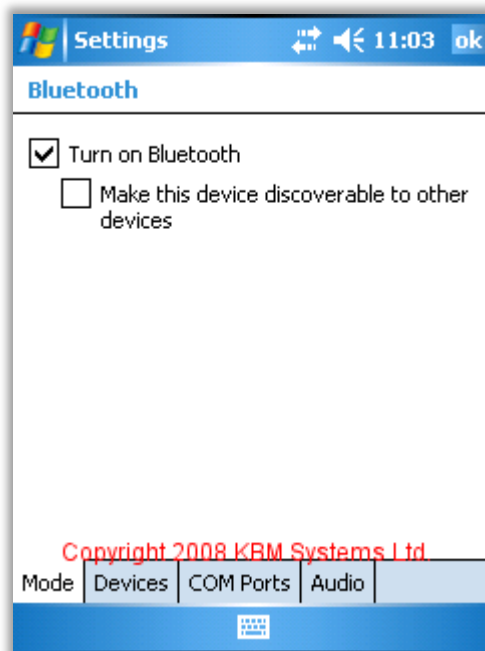


Figure 5 :: Bluetooth Settings – Bluetooth shown as on as the check box next to “Turn on Bluetooth” has a tick in it. If the check box has no tick in it, tap the box once and a tick should appear.

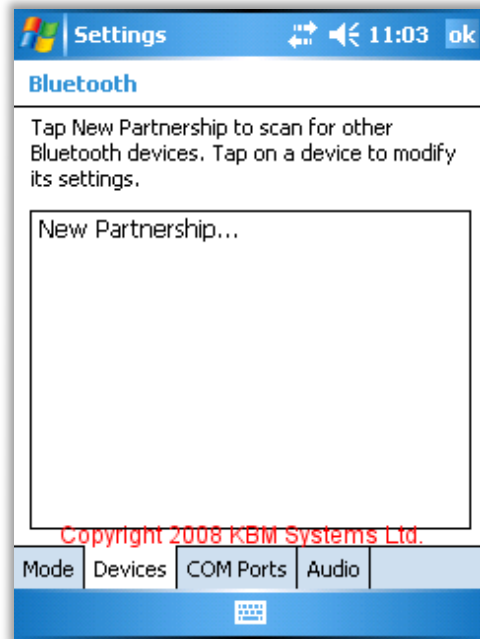


Figure 5a :: Bluetooth Settings – Tap New Partnership if your OBDKey is not already listed.

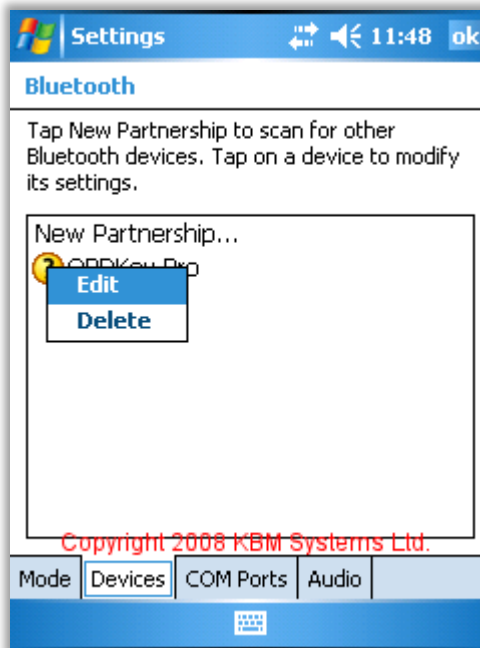


Figure 5b :: Bluetooth Settings – If your OBDKey is listed and you want to start the process again, tap and hold on the OBDKey listing item and tap the delete option when the menu appears.

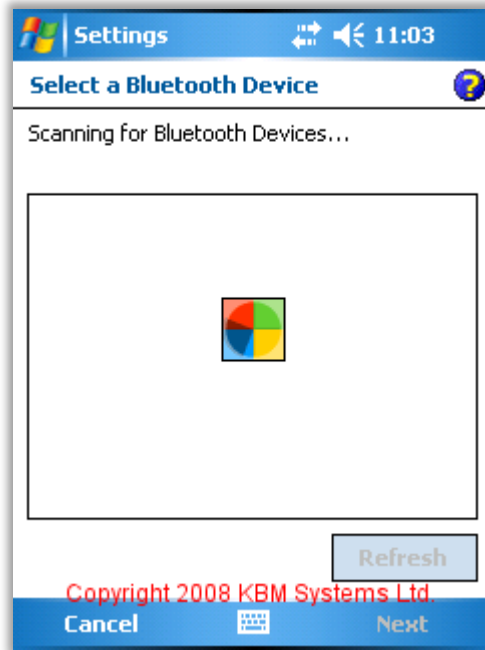


Figure 6 :: Bluetooth Settings – Locating a Bluetooth Device

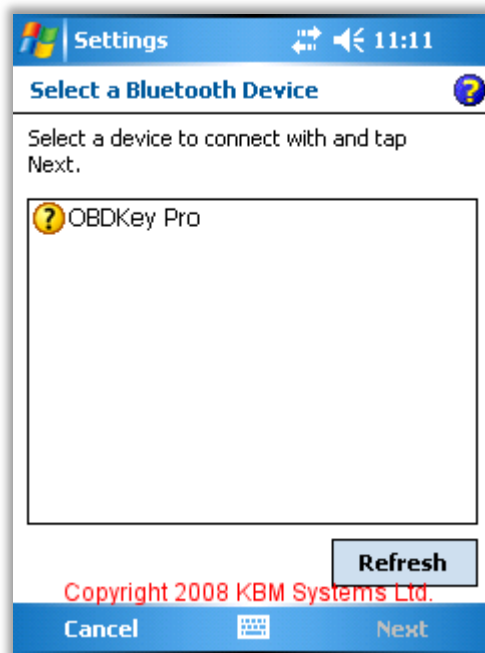


Figure 7 :: Bluetooth Settings –List of New Devices Shown. Tap on “OBDKey Pro”

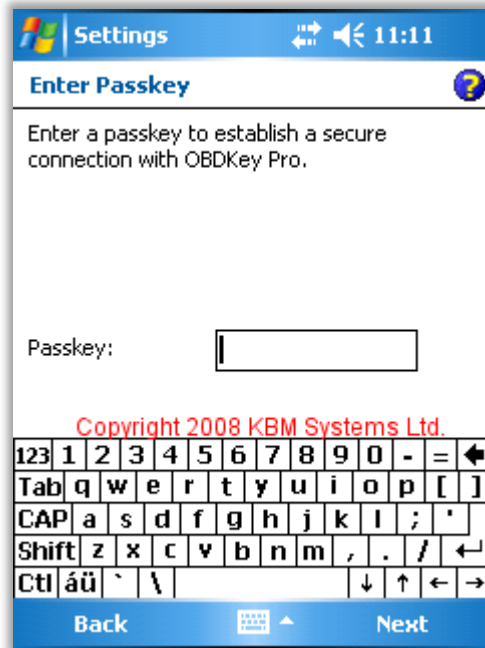


Figure 8 :: Bluetooth Settings –Enter Passcode for “OBDKey Pro” as 0000 (four zeroes)

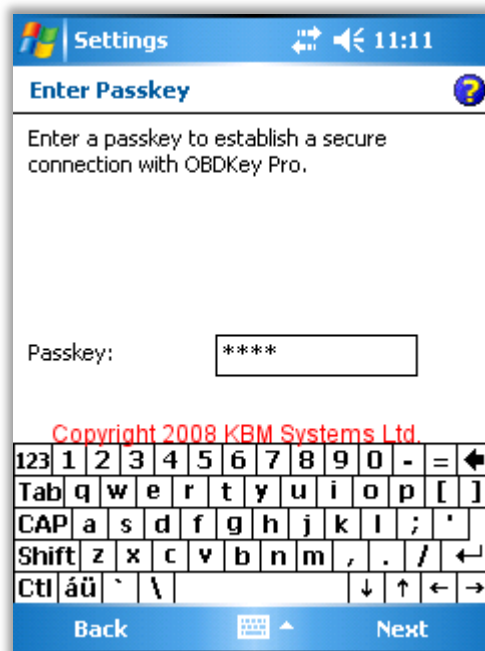


Figure 9 :: Bluetooth Settings –Passcode for “OBDKey Pro” as 0000 (four zeroes) then tap Next.



Figure 10 :: Bluetooth Settings – Put a tick in the Serial Port box to access the OBDKey Pro serial port service.

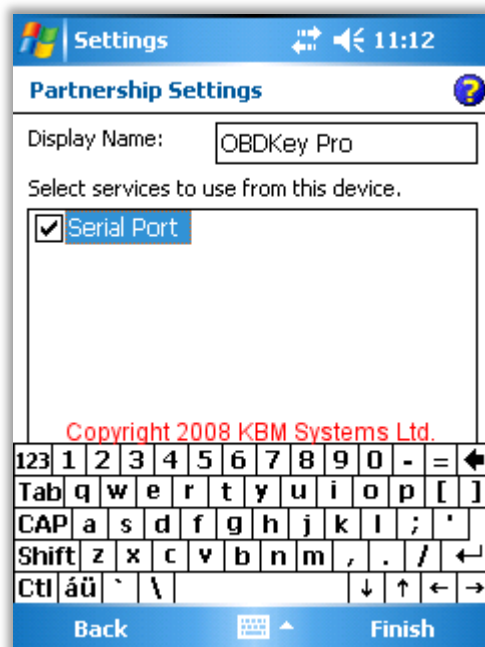


Figure 11 :: Bluetooth Settings – Ticked the Serial Port box. Tap Finish.



Figure 12 :: Bluetooth Settings – Summary Screen. Tap “COM Ports”



Figure 13 :: Bluetooth Settings –COM Ports. Tap “New Outgoing Port”



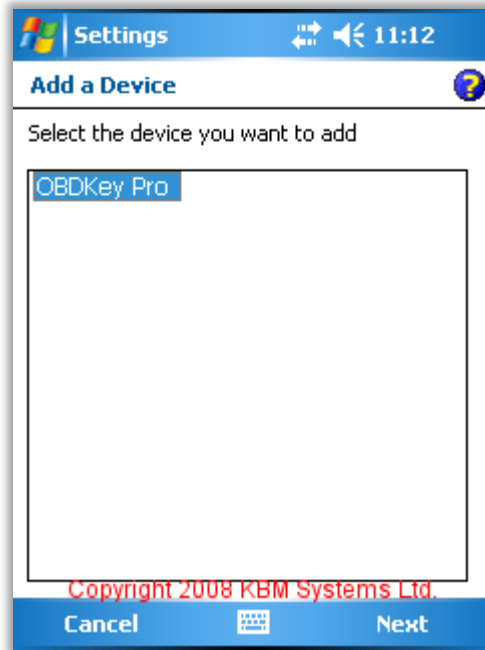


Figure 14 :: Bluetooth Settings –COM Ports – Add A Device - Tap “OBDKey Pro” then tap Next.

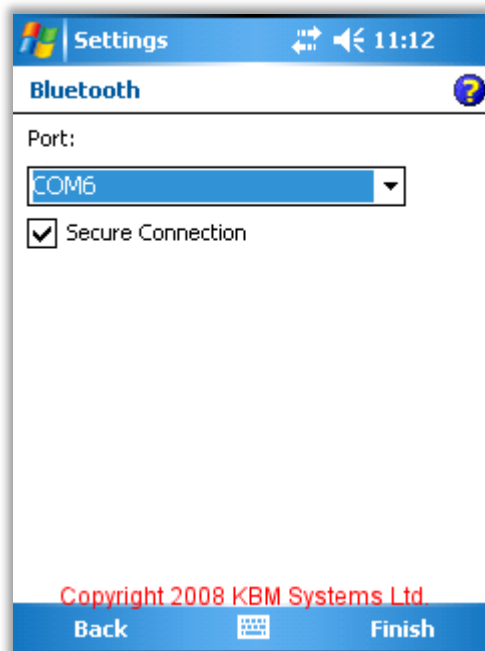
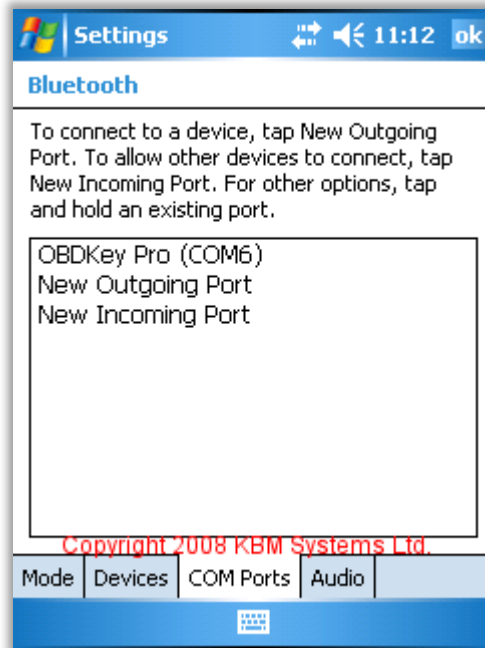


Figure 15 :: Bluetooth Settings –Port. Choose an available Port (e.g. COM6). Use a Secure Connection by putting a tick in the “Secure Connection” check box.

**Note:** The COM port number (COM6 here) is used by Windows Mobile programs to access the OBDKey and the vehicle’s ECU. You will need to recall this COM port number later.



*Figure 16 :: Bluetooth Settings –COM Ports Summary. Now whenever your device opens COM6 the connection will be made automatically to the serial port service of the OBDKey.*

NOTE: At this point it is advised to reset the OBDKey by disconnecting from the vehicle and reconnecting it. This will force the OBDKey Bluetooth module to reload the settings just established.

Now we will run the OBDKey version of OBDGauge for the Windows Mobile device. This should have already been installed.

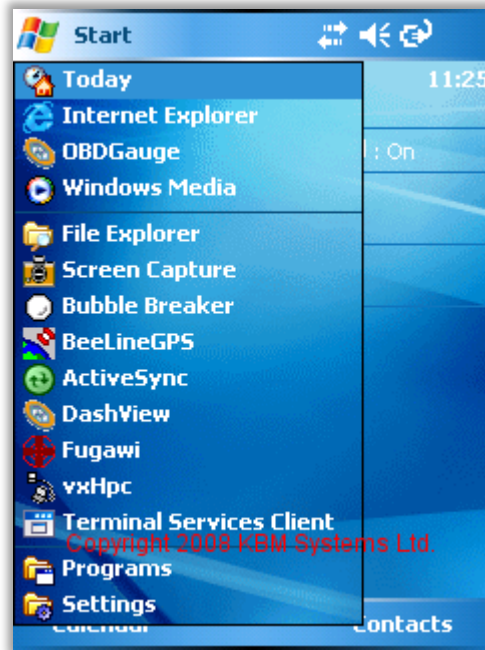


Figure 17 :: Today Screen—Look for the OBDGauge in your Start list, or tap “Programs” and locate “OBDGauge for OBDKey” in there.

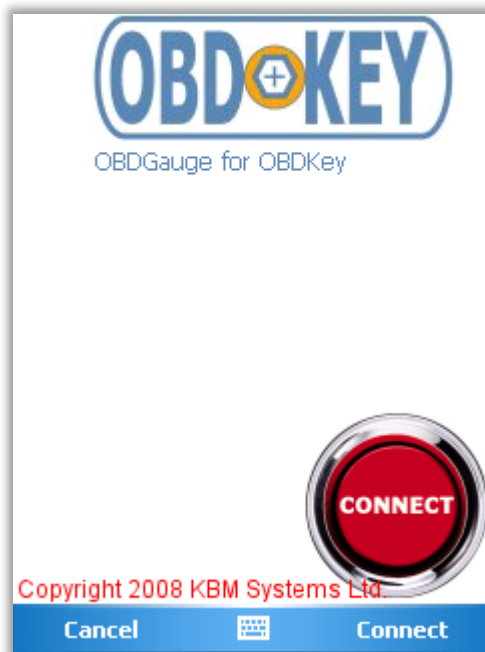


Figure 18 :: OBDGauge start screen. The OBDKey should be now connected to the vehicle and the ignition on. When ready, tap Connect (or the Connect image).

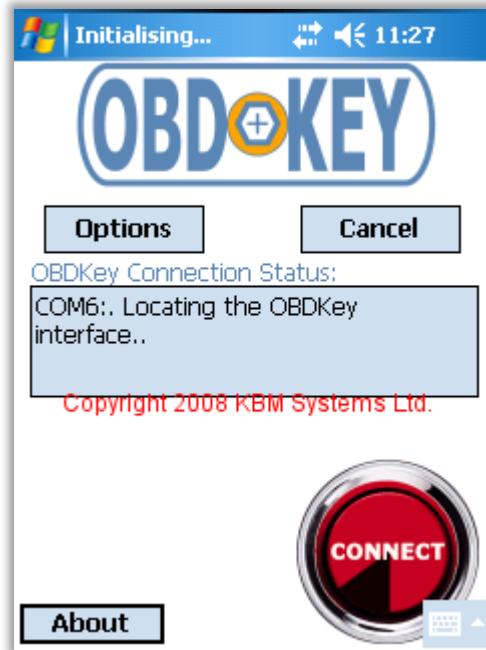


Figure 19 :: OBDGauge Connecting Status Screen. By default, OBDGauge uses COM6. If your outgoing serial port is not COM6, tap on the “Options” button.

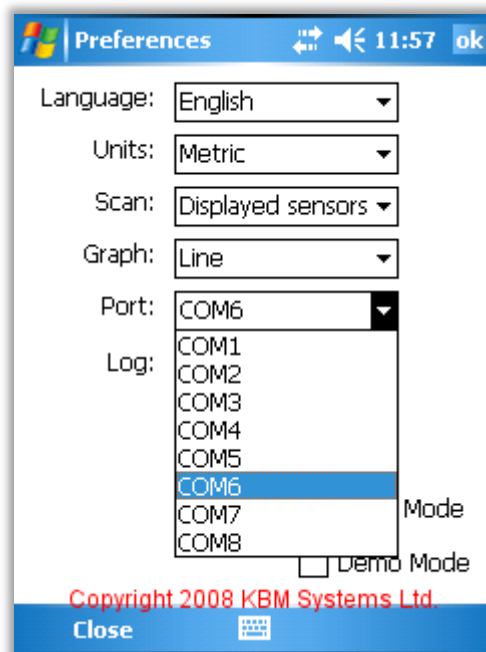


Figure 19a:: OBDGauge Preferences. By default, OBDGauge uses COM6. If your outgoing serial port is not COM6, tap on the “Port” list and select your outgoing serial port (from figure 15).

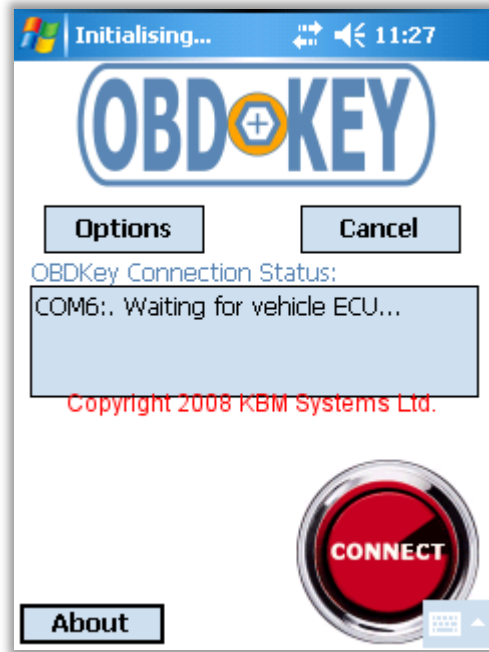


Figure 20 :: OBDGauge Connecting Status Screen. After communications are started the blue LED on the OBDKey will start to flash and ECU communications will begin.

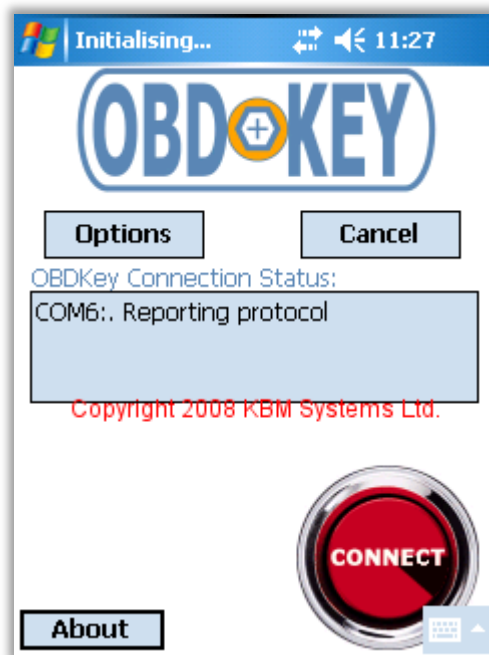


Figure 21 :: OBDGauge Connecting Status Screen. OBDKey will automatically detect which OBD protocol is used and best suited to you vehicle.

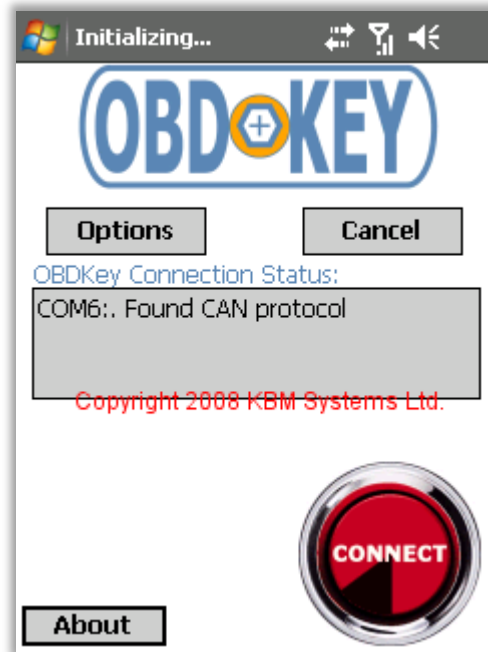


Figure 22 :: OBDGauge Connecting to OBD Key Status Screen. OBDKey will report which OBD protocol is to be used.

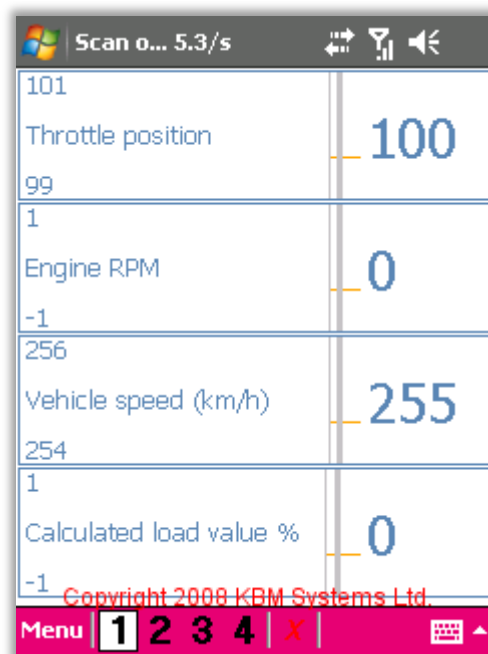


Figure 23 :: OBDGauge Sensor Screen. **NOTE that the data shown here is NOT from a live vehicle!**

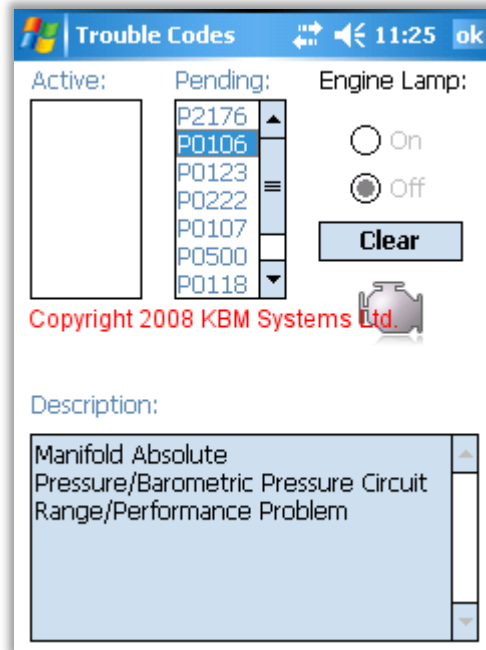


Figure 24 :: OBDGauge Fault code analysis screen. *NOTE that the data shown here is NOT from a live vehicle*

Please report any feedback to [support@obdkey.com](mailto:support@obdkey.com)

Thank you.