

EPRReader Quick Start

2023-10-20

First time: For each (laptop) PC that you plan to use, it is necessary to install the PicoScope Automotive software; download the version 6.+ from www.picoauto.com/downloads and follow the directions. **Do NOT select a version starting with 7.** or greater. Also, you will need to sign onto www.enginepolygraph.com, log in, and click on the button: ENGINE POLYGRAPH READER INSTALL. After download, select the 'install' option. Click 'yes' on the several steps, but check the box to allow anyone on this computer to use the program.

You need to do this only once until you get a message telling you that there is a new version. Then, you will see a button 'Update Software' that will take you through the steps to get the latest version. **If you are using an OBDII reader with Bluetooth connectivity, please read the *EPRReader Installation and User Guide* which includes the details needed.**

Using EPRReader:

1. Click on the EPRReader icon on your PC desktop. Input your username and password and enter. These are the same username and password that you use for the web application: www.enginepolygraph.com.
2. When asked if you allow the following program to make changes to your computer, click 'yes'.
3. Fill in your Username and Password. Check 'Remember Me' if you want to have your username saved for the future uses. Click 'Log in'.
4. Fill in the data for the vehicle that you are about to test. Leave the Fleet field alone.
 - a. If this is a Fleet vehicle, use the Vehicle number; otherwise use something like the license plate.
 - b. Select Engine Manufacturer and Engine Model. Models are listed in increasing displacement values. Engine data including Configuration and Displacement will be loaded from our Engine table.
 - c. Input your location (important for shops with multiple sites). Date is pre-filled. Input Odometer reading and Temperature.
 - d. Select engine Condition (c-c = cold-crank; Load = about 1500 rpm; or Idle). Input approximate RPM and the Source of your RPM value from the pull-down list. Don't worry if you don't have some data now, you can complete the entries a little later.
 - e. Select the sensor assignments to the Channels on the PicoScope as appropriate.
 - f. If you have an ignition trigger, identify which cylinder you chose as the trigger cylinder.
 - g. Select the 'Purpose' of this test: E.G., Before, After, or Single (one-off).
 - h. Make any comment you wish so that later you can recognize what this is about.
 - i. Select the type of Report you want, or 'none'. If you select a report, fill in the email address of where you want it sent to.
 - j. Click 'Next'.
5. Review the steps in the box at the top of the new screen and perform any not already done. If you want to change any data on the previous screen, click Cancel and you can update it; otherwise, click Continue.
6. Rev the engine appropriately and when it is somewhat steady at estimated rpm, click Start under 'Reader'. The yellow 'Processing' light will appear. The program will initiate the Pico software and test the data obtained; when it finds a steady speed that looks reasonable, it will send the signature to the PFT server for processing and turn the 'Complete' light green. This signature is done.
7. Hit 'Continue' to go to the next vehicle.

You may minimize or cancel out of the EPRReader and Log into www.enginepolygraph.com to view the signature, selected report (or error report, if that is the case). If you want to change any of the input data provided, click EDIT on the line of the signature in the Signatures page of enginepolygraph.com, make the changes and SAVE. A new report (you may change the Report Selection) will be generated.

For specific questions about the Engine Polygraph® functionality, please read the *EPRReader Installation and User Guide*, or email us at support@PredictiveFleetTechnologies.com or call us at 1-844-ENGINE-4, (1-844-364-4634).