

## EP Reader Quick Start

2018-05-18

**First time:** For each (laptop) PC that you plan to use, it is necessary to install the PicoScope Automotive software; download the latest version from [www.picoauto.com/downloads](http://www.picoauto.com/downloads) and follow the directions. Select the current production version (NOT a beta version). Also you will need to sign onto [www.enginepolygraph.com](http://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.

### Using EPReader:

1. Click on the EPReader 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](http://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 the vehicle is from a Fleet, use the Vehicle number; otherwise use the license plate.
  - b. Select Engine Manufacturer and Engine Model.
  - c. Input your location (important for shops with multiple sites). Date is pre-filled. Input Odometer reading, select Condition = 'Load', input approximate RPM and Temp. Don't worry if you don't have some data now, you can complete the entries a little later.
  - d. Select the sensor assignments to the Channels on the PicoScope as appropriate.
  - e. If you have an ignition trigger, identify which cylinder you chose as the trigger cylinder.
  - f. Select the Purpose' of this test: Before, After, or Single (one-off).
  - g. Make any comment you wish so that later you can recognize what this is about.
  - h. Choose 'Yes' if you wish an Assessment report and fill in the email address for it to go to.
  - i. 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 1200 to 1500 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 EPReader and Log into [www.enginepolygraph.com](http://www.enginepolygraph.com) to view the signature (or error report, if that is the case).

For specific questions about the Engine Polygraph® functionality, please email us at [support@engineangel.com](mailto:support@engineangel.com) or call us at 1-844-ENGINE-4, (1-844-364-4634).