

**The purpose of the CRecorder is to verify the health of your engine by analyzing the data the ECM reports. Typically, this information is not used to make any changes to your tune, but it is used to make recommendations on issues that could be degrading your performance, fuel economy and engine reliability. This is not required to be done but is a good benefit to you at no additional cost.**

1. Begin by starting the engine.
2. Locate the OBDII Diagnostic port. It is normally on the left side of the steering column either mounted horizontally or vertically. It may have a plastic cover over it and it may be behind a piece of dash trim, but it will always be within 12" of the steering column.
3. Insert the recorder onto the OBDII port firmly until it seats. You should immediately get a couple blue blinks.
4. After 10 seconds you should see the LED flickering, that indicates that communication with the vehicle is successful.
5. If the blue LED light is lit continuously solid, it indicates that the recorder has not established communication with the ECM. You must unplug and plug the recorder back in until the LED light flickers.
6. Idle vehicle until it is fully warmed up.
7. Drive vehicle for approximately 20-30 minutes under various loads. We need to see at least a couple wide-open throttle accelerations at some point during the test, ideally from 30-60 MPH and up to 4000-4200 RPM.
8. After the test drive, simply unplug the recorder from the OBDII port.
9. On your computer (will only work with Microsoft PC) open a web browser and navigate to [www.brazelsrv.com](http://www.brazelsrv.com). On the top menu options, hover over the "Technical" tab at the top of the page and click on "Instructions & Downloads". Scroll down to "UltraPower Software Downloads". Click on "UPREC Software Download".
10. This will initiate the download to your computer, typically it will default to your "Downloads" folder.
11. The file will download as a "ZIP" folder. You will need to "extract" the contents of the folder before it will work:
  - a. Right click on the file folder and find the option to "Extract All..." This will prompt you to "Extract" the contents to a destination folder. It will usually save to the same file folder as the ZIP file did, such as "Downloads". Click on "Extract" and it will open a new file folder showing "CRecorder". Open this file folder and click on the "CRecorder" Application file (little blue icon should be next to it). This will launch the program.

12. Plug the CRecorder into the computer with the supplied USB cable.
13. Click on the upper left button "Upload Data".
14. Click on the bottom left icon that says "Upload". If under "Status" it says "CRecorder Connect Failed!" try unplugging the device from your computer and try a different USB port and re-try.
15. Click on "Start Upload", it should go through a quick loading phase.
16. You will see a new file name appear on the right side of the screen with today's date. Click on it to highlight and then click on the icon at the bottom that says "Export".  
**Note:** There will already be a file with a date of 2009-06-29 saved, ignore this file as it is a Demo file and not related to your vehicle.
17. Save the file to your desktop so you can easily find it.
18. Exit the program and open your e-mail and compose an e-mail to jon@rwb-inc.com and attach the file you exported to your computer.

We will review the data within 1 business day and respond with the results. If there are any recommendations made to improve the engine data, you will be asked to perform those and then do another test drive for further review. Once we confirm data looks good, please mail the device back to us.

If you have any questions throughout this process or need help with loading/using the software, please don't hesitate to call or e-mail for assistance!

- 800-417-4559 - Mon-Fri. 6am-4pm
- jon@rwb-inc.com