



CMR DAT

Chipmaster Revolution Predator Data Acquisition Tool

Software Install:

1/ Install application by double clicking on the CMR_DAT_installer.

2/ Once completed you will have a CMR_DAT icon on your desktop, double click to open.

Streaming Data from vehicle to CMR_DAT application.

1/

(COBRA, 6L PREDATOR) With vehicle running, plug Predator into vehicles OBD-II diagnostic port and have the serial cable from Predator to PC plugged in as well.

(LIGHTNING, 7.3L PREDATOR) With vehicle running, plug Predator into vehicles OBD-II diagnostic port and have the serial cable from Predator to PC plugged in as well. Go to "Diagnostics" then select "Real Time Streaming".

2/ Open CMR_DAT software, by double clicking the icon on desktop.

3/ There will be a communications window where the software gathers the supported PID's (parameters supported for monitoring) allow for 5-15 seconds so the software gathers the supported PID's.

4/ Once communication window closes you will have on the left side of the screen all supported PID's with a check box next to them.

Check desired PID's to monitor by clicking in the check box next to parameter desired.

5/ Once desired PID's are checked, either hit the "P" button or go to "streaming >> Start", the data viewer will now display a numerical view of numbers and a graphical view below, continue logging this as long as desired.

6/ Once desired log is acquired press the stop button, you will be prompted to save log file for viewing at a later date

View Saved Log files:

1/ To view saved log files, Open software and press cancel on the communication window.

2/ Press the "L" button or go to "File>>Open>>Log File" then select the saved log file to use.

3/ The software will bring up the log file and begin to play it.

DIABLOSPORT

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Transfer a saved log file from Predator to PC.

1/ Once desired log is saved in the Predator connect the Predator to pc via serial cable and power it up using required power supply or (if you have a laptop) plug OBD-II connector into vehicle and use that as power source.

2/ In the software go to Tools >> Get Log File from Predator , name the file appropriately and **before** pressing save go to Predator...

3/ On Predator go to Options>> Troubleshooting>>Log Upload, press enter on predator, you will now see a "Sending" screen on Predator, go to software screen.

4/ Press "Save" in the file name window , the log should now start to upload to PC, this is indicated in the bottom left corner of software as packets transferred. If no packets are transferring please recheck your com port settings and baud rate settings to ensure proper setup. Default baud rate on Predator is 57600 and on most desktop computers the default COM port is 1.

User Interface Guide:

User Interface:



Play Pause Stop



FFW REV Step FFW REV Fast



Allows you to open and close PID, Graph and the numerical windows.



Rap = Rapid Mode on or off, this enables the 90 sample per second logging feature, will only work for a maximum of 8 selected parameters

LC = Log file conversion, this will convert your log file to an excel file to view the numerical values in a spread sheet format.

CS= N/A



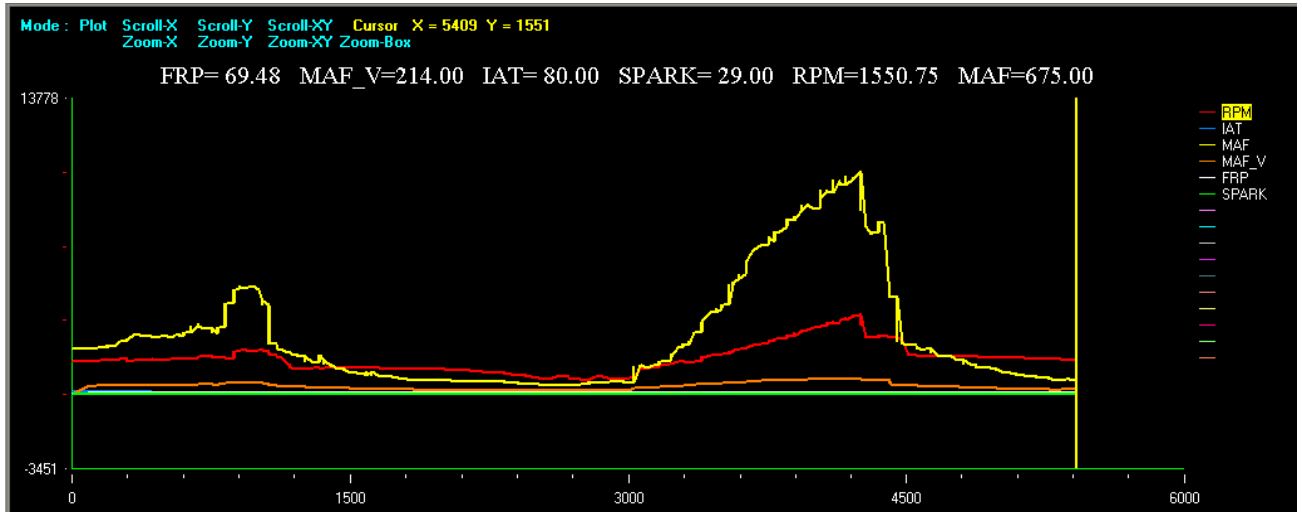
Zoom In or Out in graphical view.



Progress Bar log file.

Graphical View

The vertical yellow cursor on the graph reflects the numbers displayed in the graph window and it can be moved by clicking on any spot in the graph.



Plot = Resets to default view

For all the scroll and zoom buttons, once selected click and hold the left mouse button and then drag with mouse to scroll and zoom in and out.

Scroll X = Allows you to scroll the X axis

Scroll Y = Allows you to scroll the Y axis

Scroll XY = Allows you to scroll the XY axis

Zoom X = Allows you to zoom the X axis

Zoom Y = Allows you to zoom the Y axis

Zoom XY = Allows you to zoom the XY axis

Zoom Box = Allows you to zoom a boxed in area

Cursor = Displays vertical

yellow cursor, use this

when in a zoom mode

and when you need to

use the cursor.