



JLR Toolkit Datalogger Setup:

- The VelocityAP datalogger PC program requires licensing to VIN of your vehicle. The setup procedure will help guide you through the process.
- Install the JLR Toolkit software by visiting:
 - <https://tinyurl.com/JLRToolkitSetup>
- Once the unlicensed software is installed, upon first time opening, it will generate a product code. Write the code down and send, along with your full name/VIN/VAP Invoice number to: Tuning@velocityap.com
- You will be notified via auto-generated email, file is ready for download on our server.
 - If you purchased the product from one of our vendors, please make sure you have an account setup with VAP. <https://www.velocityap.com/my-account/>
- Upon downloading your license, please insert the file to the correct file location:
 - C:\VelocityAP\JLRToolkit
- Open the VelocityAP JLRToolkit PC program, confirm to upload license. Select the file in directory.
 - If you are not prompted the file explorer to select the license, please click on the “?” icon in bottom right of JLRtoolkit main screen.
 - Click “Load License” and select the license file in directory saved.
- *Be advised, you will need internet to open the PC program. The program will do an automatic update check and verification of the license. You do not require internet after the initial check has been performed.*

Software Fundamentals:

- With the JLRtoolkit software open and OBD cable attached to PC USB. Select the cable from Device selection Menu. With using your own cable, please select either OpenPort 2.0 or JLR Mongoose.
- Plug the other end of cable to OBD connector of vehicle.
- Click “Connect”
- You can now select desired operation from menu on left.
 - Live Log = Datalogging PID values, all values seen are live.
 - Review Log = Ability to inspect a previous recorded log file in 2D graph mode.
 - Advanced = Read ECU ID / Read Manufacture Specific Engine DTC / Erase Engine DTC
 - Exit = Close Program

Live Log:

- Choose a PID profile from the drop-down menu of “Select Logging Profile”
- Click “Log Data”
- The datalogger will start recording all PID’s instantly. You can toggle pause by clicking “Pause” on top left or by pressing the spacebar on keyboard.
- You can select/deselect/alter the PIDs you want seen on the 2D graph by clicking the PID name in left column. Deselecting “Active” will disable from graph but not from the recorded file.
 - For PIDs not seen on graph, use cursor to select PID > Choose the line color and min/max range> Click OK to confirm.
- Once desired session for recording has ended, simply click on ‘Stop’, confirm Yes. The log file will now be saved in *.csv format.
- Click the “X” on top right to close the 2D graph view.
- **A complete list of PID’s has been compiled by VAP and will be requested to record from engine ECU when logger is running. At the current time there is no ability to remove a PID from being recorded to the csv. We apologize for the information overload you are about to see in the log recording!! 😊

Review Log:

- Select a file you would like to playback in the 2D graph.
- To select a file, click the “...” next to the file path.
- Navigating in the 2D graph is same as Live Log.
 - To access the raw *.csv file, navigate to: C:\VelocityAP\JLRToolkit\logs . The files will be recorded by date/time in description.

Advanced:

- Ecu ID: will generate all available information from your engine ECU.
- Read DTC: Will read all the active fault codes inside your DTC, this will include the JLR manufacture specific error codes.
- Clear DTC: Will clear out all the error codes inside the engine ecu.
- **All this information in the “Advanced” section, will not be saved to a log file. We recommend taking pictures or screen captures of any ecu information/DTC’s you deem valuable.