



DDMWorks Polaris Slingshot Code reader and Scan tool DDM-22-27



The DDMWorks Code reader and scan tool is a helpful tool to allow owners to read and clear codes on the Slingshot. It also allows the user to view real-time data of the Slingshot engine data.

The tool plugs right into the diagnostic port, simple to use and installs in just a couple minutes.

If you have any questions during the installation you can call or text (864) 907-6004. Email support is also available - Tech@ddmworks.com.

Tools Needed for Install

- No tools needed for installation

DDMWorks - 119A Hwy 183
Piedmont, SC 29673

Tech Support Call, Text or Email:
(864) 907-6004,
Tech@DDMWorks.com

Connecting to the Slingshot Ecotec 2.4L engine

1. To connect to the Slingshot, first determine if you have a Ecotec 2.4L Chevrolet engine powered Slingshot (2015-2020) or Prostar 2.0L Polaris engine (2020+). The following instructions are for the Ecotec engine, **if you have the Prostar engine, go to page 5.**
2. Look under the dash on the back right side of the steering column and you will see a black electrical connector. It is sometimes tucked up under the plastic around the steering column, or plugged into a holder under the steering column. Once you find the plug, connect the diagnostic cable to the code reader.
3. When you plug the diagnostic cable into the code reader, the code reader will power on automatically. Make sure your Slingshot is turned on at this point so the code reader can connect to the ECM.



Find the diagnostic connector under the back right had portion of the steering column



Connect the end of the diagnostic cable on the code reader to the plug on the Slingshot

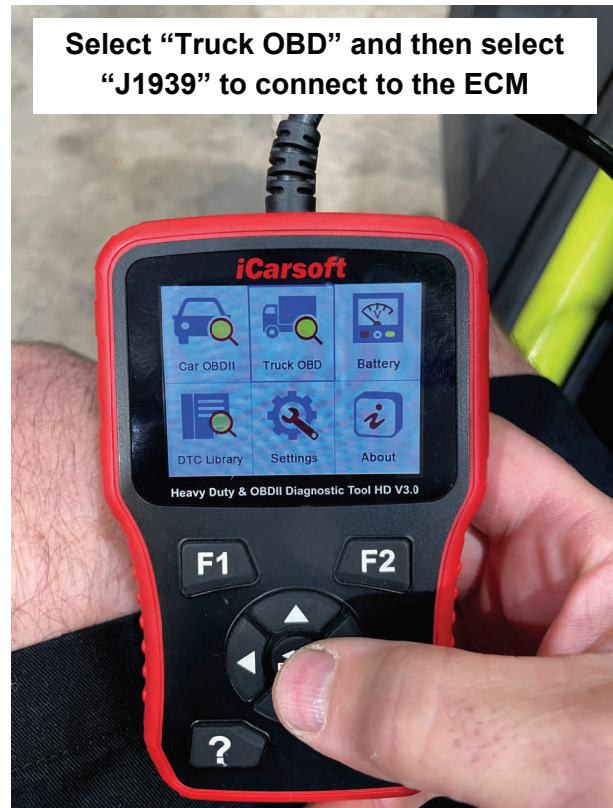


Once the diagnostic cable is connected to the code reader, the reader will power on

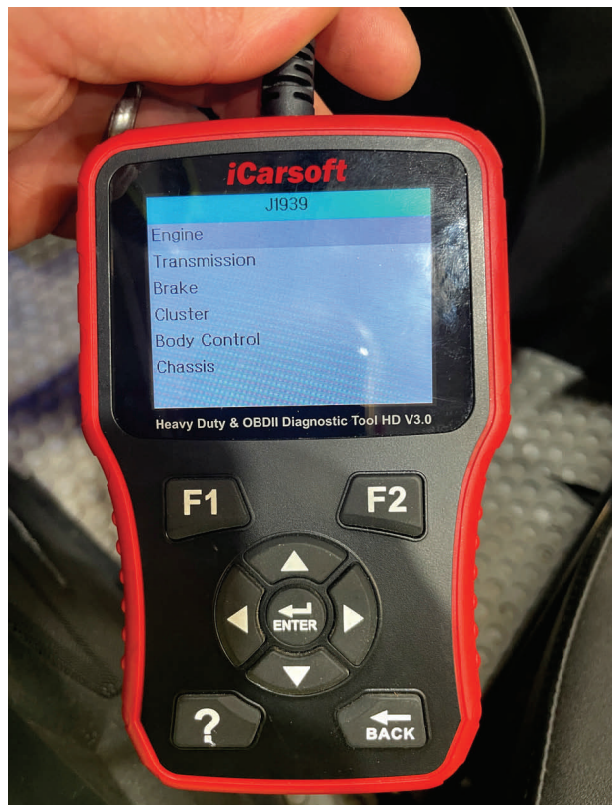


Operating the Code Reader—Slingshot Ecotec 2.4L engine

1. To connect to the ECM in the Slingshot, use the arrow keys to navigate to “Truck OBD”, then press the “enter” button. That will take you to the next screen, where you can select “J1939” or “J1587/ J1708”, select “J1939 and then press the “enter” button again, the code reader will now connect to the ECM in your Slingshot



2. Once the code reader connects, you will have the option to select from a list of options. The only 2 options that will have useful abilities is going to be “Engine” or “Brake”. Select “Engine” to read codes, clear codes or view engine data. Select “Brake” to view parameters about wheel speeds, steering angle, etc.



Operating the Code Reader—Slingshot Ecotec 2.4L engine

- Once you select “Engine” or “Brake” the screen to the right will show and you can then Read DTC (read codes), Clear DTC (clear codes) or view live data. If you select “live data” be aware that it takes about 1 minute for the code reader to complete the connection and get all the parameters ready to display, this is normal.

List of items able to be read from Engine menu -

- Cruise control set speed
- Accelerator pedal position
- Intake air temp
- Manifold pressure
- Coolant temperature
- Battery Voltage
- Fuel consumption rate
- Engine RPM
- Total hours on engine
- Throttle position
- Driver demand torque
- Actual torque
- Brake switch state
- Clutch switch state



List of items able to be read from Brake menu -

- Wheel based vehicle speed
- Brake switch status
- Clutch switch status
- Front axle speed
- Left front wheel speed
- Right front wheel speed
- Rear axle speed
- ABS operational status
- Steering wheel angle

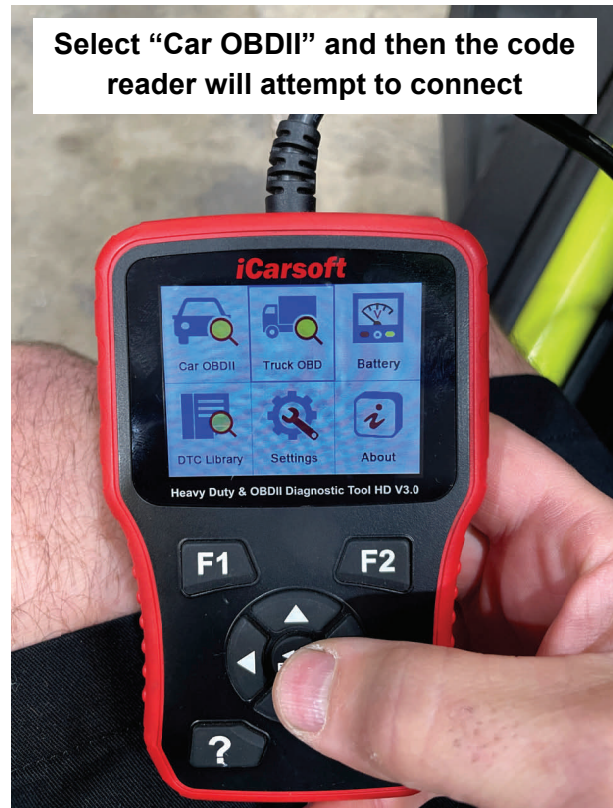
Connecting to the Slingshot—Prostar 2.0L Engine

1. Look under the dash on the back right side of the steering column and you will see a black electrical connector. It is sometimes tucked up under the plastic around the steering column, or can also be plugged into a holder under the steering column. Once you find the plug, connect the diagnostic cable to the code reader.
2. When you plug the diagnostic cable into the code reader, the code reader will power on automatically.

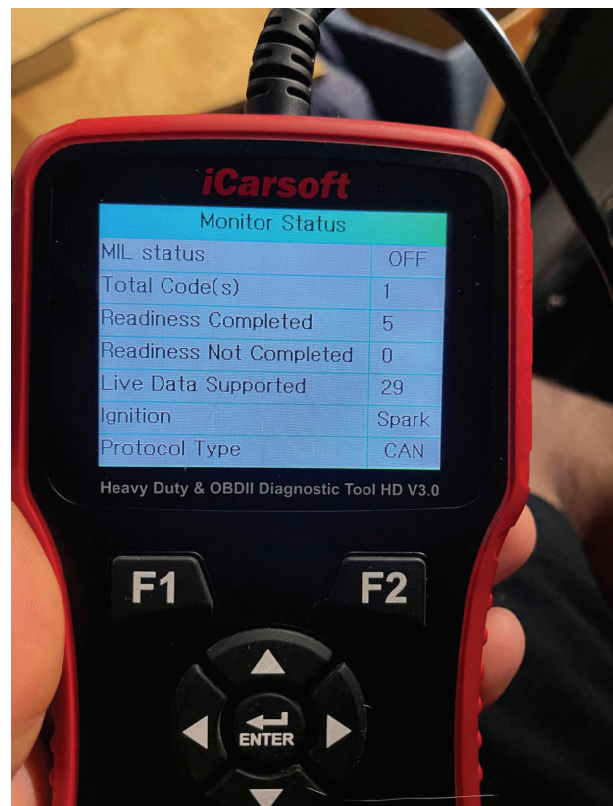


Operating the Code Reader—Slingshot Prostar 2.0L engine

1. To connect to the ECM in the Slingshot, first make sure the Slingshot is running, then use the arrow keys to navigate to “Car OBDII”, then press the “enter” button. The code reader will then attempt to link to the Slingshot automatically.



2. Once the code reader connects, you will see a screen that displays current information about the status of the ECM. Press the “back” button once to navigate to the Diagnostic menu.

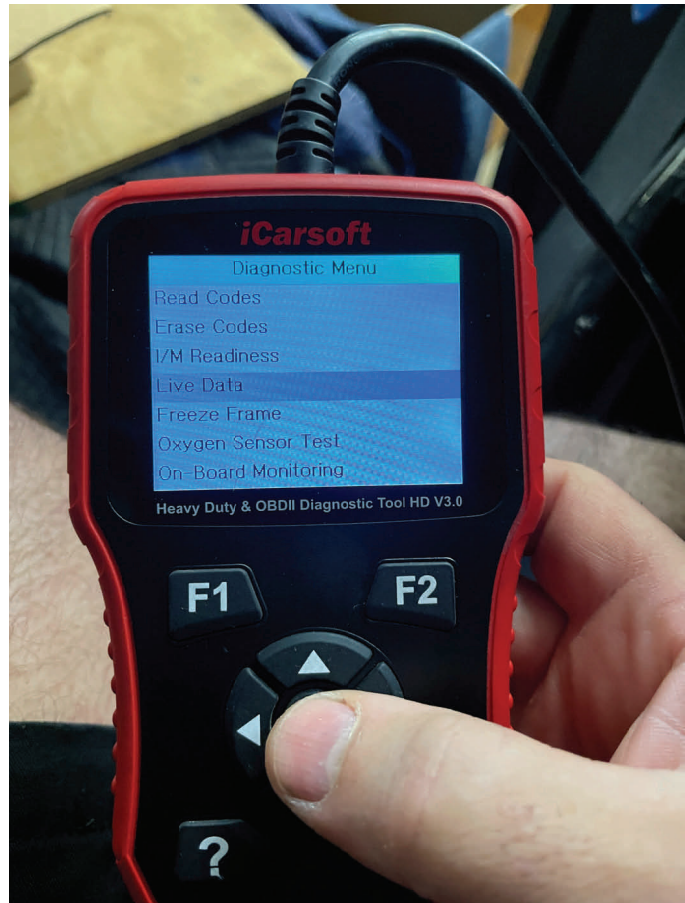


Operating the Code Reader—Slingshot Prostar 2.0L engine

3. In the diagnostic menu you can read codes, erase codes and view live data.

List of items able to be read from Engine menu -

- Engine RPM
- Calculated load
- Coolant temp
- Short term fuel trims
- Long term fuel trims
- Manifold pressure
- Vehicle speed
- Intake air temperature
- Throttle position
- Oxygen sensor voltage
- Time engine has been running
- Commanded EVAP percentage
- Fuel level percentage
- Number of warm-ups since DTC (engine code)
- ECM voltage
- Absolute load
- Relative throttle position
- Relative accelerator pedal position



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