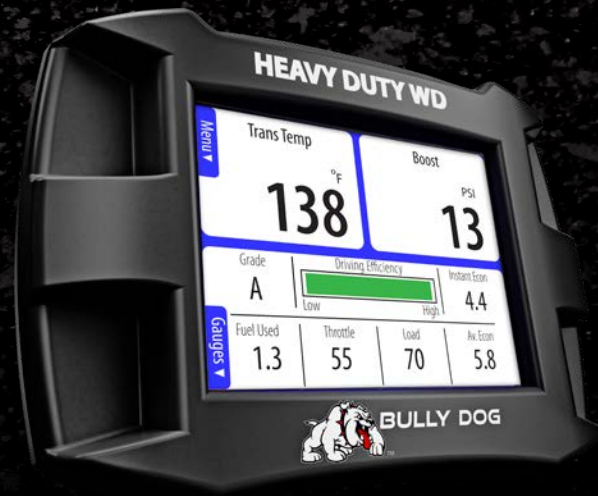


HEAVY DUTY WD

QUICK START GUIDE



HEAVY DUTY WD

BEFORE YOU GET STARTED

THANK YOU FOR PURCHASING A HEAVY DUTY WD!

You are now the owner of the best multi-function performance gauge for your truck. With it, you can save money and know everything you desire about how your rig is running. Using the WatchDog will make you more knowledgeable, efficient and safe as a driver. Prepare yourself for an empowered driving experience unlike any other.

Before you hit the road, your Heavy Duty WD needs to be installed! The Quick Install Guide on the other side of this page will lead you through the basic steps needed to update, install and operate the Heavy Duty WD on your rig.

INTERNET ACCESS

During the installation process, you will need to connect your ECM Tuner to a PC with Internet access. This is also true during troubleshooting or if Tech Support needs to remotely connect to your device to resolve any problems.

ALLOW TIME FOR INITIAL SETUP

Make sure you have at least an hour to complete the initial setup, update, and installation process.

NEED FURTHER SUPPORT?

For additional troubleshooting and support, see our knowledge base on-line at bigrig.bullydog.com.



HEAVY DUTY WD

MENU OPTIONS

SLEEP MODE

INSTALL TUNING

SPECIAL FEATURES

- Speed Limiter, ect.

DRIVING COACH SETUP

- Display/Change Levels
- Driving Stats
- Clear/Reset Driving Stats
- Calibrate MPGs
- Driving Coach Sound
- Assign Truck Number

USER OPTIONS

- Adjust Backlight
- Set Background Theme
- US/ Metric Units
- Administrator Password
- Reset to System Defaults
- Copy Device Info to SD

VEHICLE SETTINGS

- Set Warnings
- Change Monitoring Type
- Enter ECM Password

VEHICLE DIAGNOSTICS

- Read and Erase Trouble Codes

SHOW SETTINGS

UNINSTALL FROM VEHICLE

UPDATE DEVICE SOFTWARE

CHANGE VEHICLE/ENGINE

- Cummins®
- Caterpillar®
- Detroit
- Paccar®
- Mercedes®

DRIVING COACH

FUEL ECONOMY OPTIMIZER

- Display instant fuel economy
- Display trip economy info
- Display driving efficiency
- Visual and audible feedback
- Export driving reports into Excel
- Record and analyze data



HEAVY DUTY WD

JACK OF ALL TRADES

TROUBLE CODES



- Read trouble code description
- Erase code from computer
- On-road diagnostics
- DIY; no mechanic necessary

GAUGES & MONITOR



- Monitor four vehicle parameters
- Prevent unsafe vehicle temps/levels
- Set automated safety warnings
- Visual and audible feedback warnings

SPEED LIMITER ADJUSTMENT



- Adjust top speed limit
- Remain speed compliant anywhere
- Avoid costly change fees or fines

INSTALLATION FAST & EASY



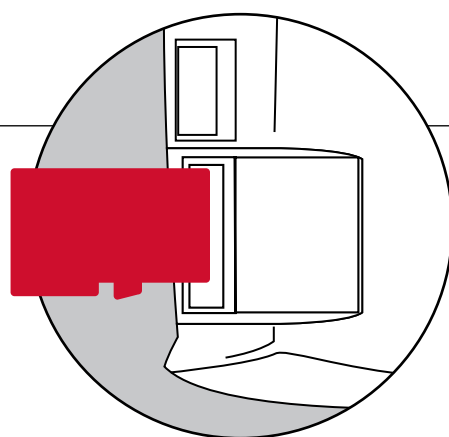
- No tools necessary
- Physical install in 5 minutes
- Heavy Duty RAM Mount included

SECTION 1:

UPDATE YOUR WD:

- You will need a Windows PC
- An Internet connection
- Included Mini USB cable
- Heavy Duty Update Agent Software

Download the Update Agent from bigrig.bullydog.com/updateagent.php as well as any drivers you are prompted to install, plug in your device using the mini USB cable and update it if necessary.



Insert the provided Micro SD card into the Head Unit FIRST.

SECTION 2:

REGISTER YOUR PRODUCT:

- Receive the latest product updates for your product and vehicle
- Claim ownership in the event that your product is stolen
- Access our extended warranty program
- Receive product specials and promotions (optional)

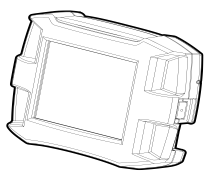
Product registration is a quick, easy and confidential process. Your registration helps you own your product and stay up-to-date.

bigrig.bullydog.com/updateagent.php

SECTION 3: PHYSICAL INSTALLATION

HDWD DEVICE

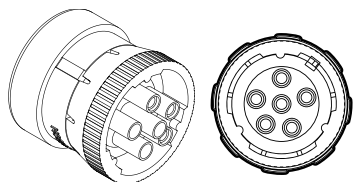
Determine where best to mount the head unit within the vehicle so that it will be easy to access and viewable to the driver, make sure that distance is not more than 10' from the data port location.



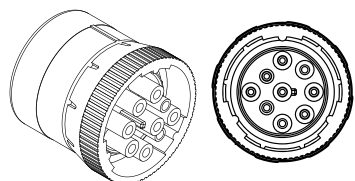
6 & 9 PIN DATA PLUGS

The six and nine pin data plugs connect the device to the truck through either a six or nine pin data port. The data port will be located somewhere under the dash or behind the drivers seat.

6-Pin Data Plug

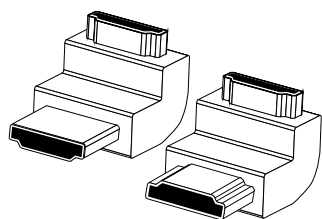


9-Pin Data Plug
(green plug)



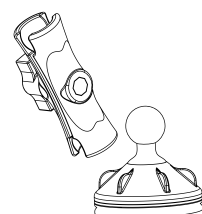
HDMI PORT SAVERS

Choose between two 90 degree angled HDMI port savers to route the HDMI cable as clean as possible.



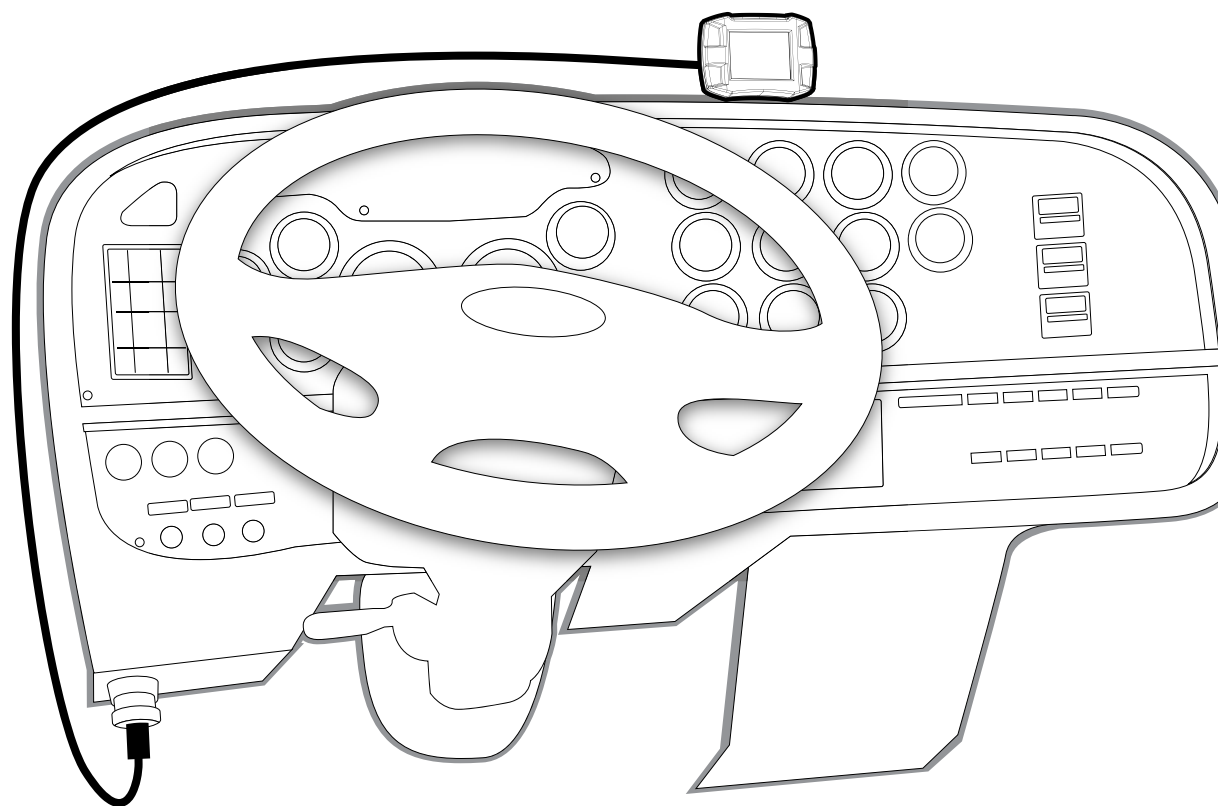
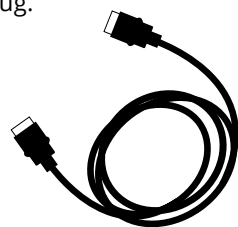
MOUNTING HARDWARE

Use the RAM® mounting hardware for a secure connection to nearly any smooth surface using the heavy duty suction cup. Contact your Bully Dog sales rep for other mounting ideas.



MAIN HARNESS

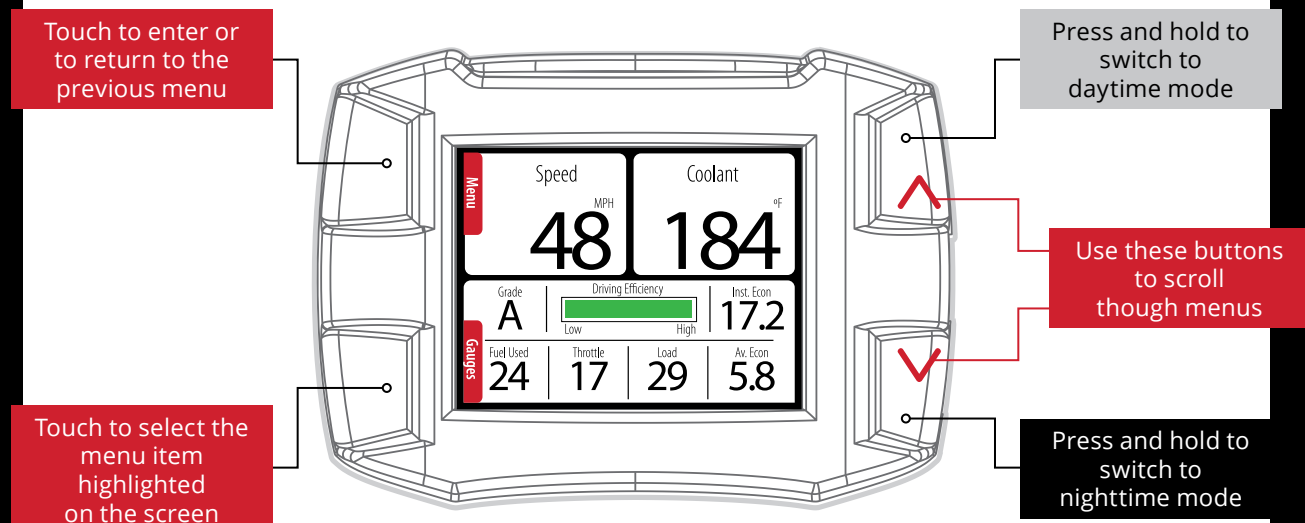
The 10' HDMI harness will connect the head unit to the six or nine pin data plug.



SECTION 4: MENU NAVIGATION, DRIVING COACH, & GAUGES

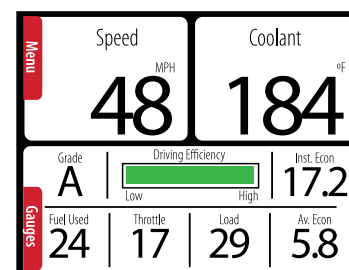
MAIN SCREEN BUTTON NAVIGATION

The diagram below shows you what the buttons do while in the main screen. You can change up the display setup between four varieties, highlight different gauge locations and scroll through different vehicle parameters all from the main screen.



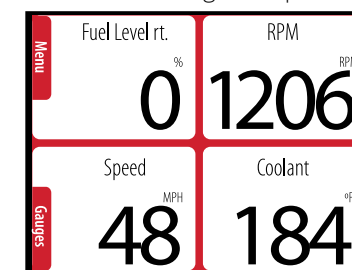
MAIN SCREEN #1

Two Gauges + Driving Coach



MAIN SCREEN #2

Four-Gauge Setup



LOOKING FOR MORE DETAIL?

For a full length instruction manual head over to our website and download the manual from the Heavy Duty WD product page.

Alterations made to the OEM configuration of a vehicle may violate the Clean Air Act if such alterations bypass, defeat, or render inoperative Elements of Design installed on a vehicle in compliance with the Clean Air Act. Users who alter Derive's products in any way are required to make their own individual determination that the altered products do not violate the Clean Air Act.

This device is not legal for sale or use in California on pollution-controlled vehicles.

MANIFOLDS IMPROVED FLOW

Designed to provide quicker turbo spool, higher power output and more fuel economy for class 8 engines, each manifold is simulated and prototyped numerous times as Bully Dog searches for a design that produces the ultimate efficiency. Our aim is to maximize airflow by smoothing out sharp corners of the stock manifolds, eliminating bottlenecks in the design and any known failure points in the stock manifold. The final result is a piece that not only looks great but is fine-tuned in every aspect to improve the performance of the engine.

TURBOS HP & ECONOMY

A turbo charger is extremely important to overall vehicle performance. A turbo charger can affect power output, throttle response, and fuel economy. Your efficiency on the road is partly determined by the quality of the turbo charger that you run on your truck. That's why choosing the best turbo is crucial to your own efficiency and your experience out on the road. That's why we focus on quality, performance, and above all reliability.



BIG RIG

BIGRIG.BULLYDOG.COM