HEAVY DUTY GT
QUICK START GUIDE

BULLY DOG

BIG RIG

(940) 783-9915 | WWW.BIGRIG.BULLYDOG.COM

SECTION 1:
PARTS CHECKLIST

HDGT DEVICE

HEAVY DUTY GT

| Trans Temp °F | Boost PSI |
| 138 | 1 |

A | Driving Efficiency | Inst. Econ 17.3
Low | High
Fuel Used 0.0 | Throttle 16 | Load 28 | Avg. Econ 5.8

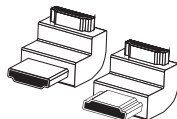**RAM® WINDOW MOUNT**

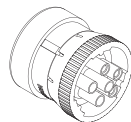**4' MINI USB™ CABLE**

10' HDMI CABLE

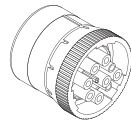**HDMI PORT SAVERS (2)**

MICRO SD CARD & READER

6-PIN PLUG ASSEMBLY

9-PIN PLUG ASSEMBLY

TOOLS NEEDED:
Fuse Puller | Voltage Tester | Battery Charger | Pliers

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

TUNING LEVELS:

Bully Dog's HDGT offers four tuning configurations for just the right balance of industry-leading power and unrivaled fuel economy. Get the power you need to haul loads over long mountain passes or across frozen winter roads, or simply focus on fuel economy for long hauls across the country. Bully Dog tuning helps you get the most from your engine and spend less at the pump, no matter what the driving conditions.

STOCK:
Factory Power Level

ECONOMY:
10% Power Increase
6-12% Increase in Fuel Economy

POWER & ECONOMY:
15% Power Increase
6-12% Increase in Fuel Economy

POWER:
20% Power Increase

SECTION 2:
PRE-INSTALL CHECKLIST

☐ **BUSINESS HOURS**

Technical Support is available Monday - Friday between the hours of 8 A.M. and 5 P.M. Mountain Standard Time. Call (940) 783-9915 or take advantage of live chat on bullydog.com. Please be sure to have your device with you when you reach out to us.

☐ **INTERNET ACCESS**

During the installation process, you will need to connect your Medium Duty Gauge Tuner to a PC with Internet access.

☐ **ALLOW TIME FOR INITIAL SETUP**

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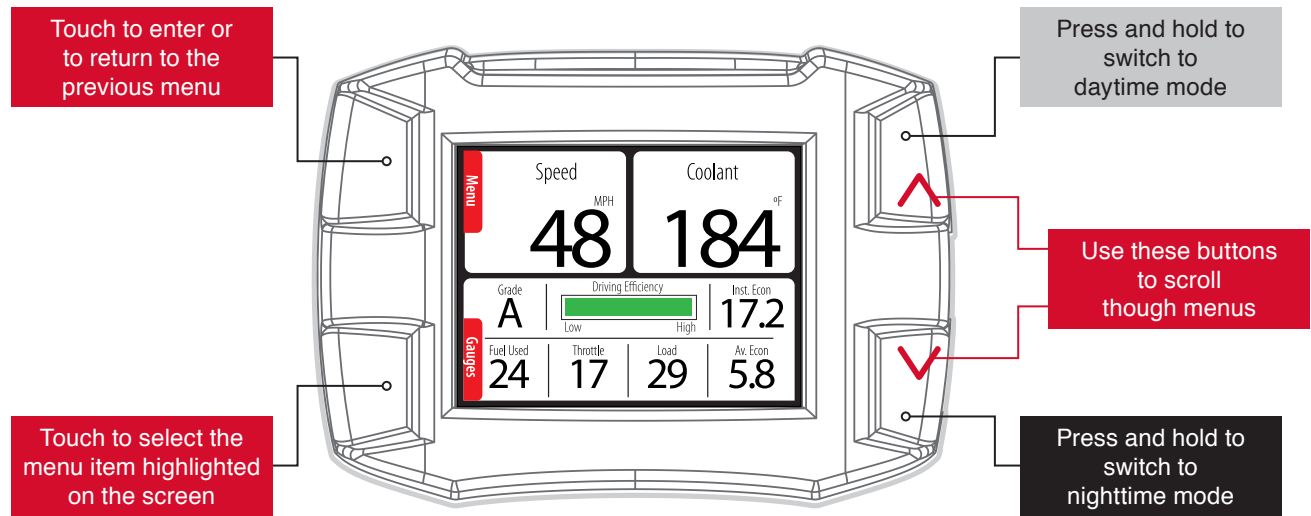
TECH SUPPORT

Do you need a real person to guide you through your install? Our knowledgeable staff is here to help with answers to your questions and resolutions to your issues.
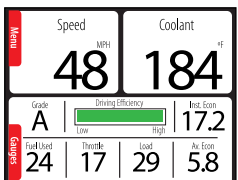
SECTION 3:
MAIN-SCREEN NAVIGATION

The diagram below covers the function of HDGT's buttons while on the main screen. Choose between display options, take a closer look at specific gauges, and scroll through vehicle parameters – all from the main screen.
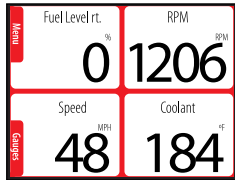
Touch to enter or to return to the previous menu

Press and hold to switch to daytime mode

| Speed MPH | Coolant °F |
| 48 | 184 |

Grade A | Driving Efficiency | Inst. Econ 17.2
Low | High
Fuel Used 24 | Throttle 17 | Load 29 | Av. Econ 5.8

Use these buttons to scroll though menus

Touch to select the menu item highlighted on the screen

Press and hold to switch to nighttime mode

MAIN SCREEN VERSION 1
Two Gauges + Driving Coach

| Speed MPH | Coolant °F |
| 48 | 184 |
A | Driving Efficiency | Inst. Econ 17.2
Fuel Used 24 | Throttle 17 | Load 29 | Av. Econ 5.8

MAIN SCREEN VERSION 2
Four-Guage Setup

Fuel Level rt. %	RPM
0	1206
Speed MPH	Coolant °F
48	184

SECTION 4:
MENU TREE

From the Main Menu you can access the features listed below.

SLEEP MODE

INSTALL TUNING

SPECIAL FEATURES
- Speed Limiter, Cruise Limiter

DRIVING COACH OPTIONS
- Display/Change Levels
- Driving Stats
- Clear/Reset Driving Stats
- Calibrate MPG
- Driving Coach Sound Options
- Assign Truck Number

USER OPTIONS
- Adjust Backlight
- Set Background Theme
- US/Metric Units
- Administrator Password
- Reset to System Default
- Copy Device Info To SD Card

VEHICLE SETTINGS
- Change Warning Levels
- Change Monitoring Type
- Enter ECM Password

VEHICLE DIAGNOSTICS

SHOW SETTINGS

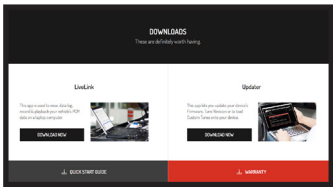**UNINSTALL DEVICE**

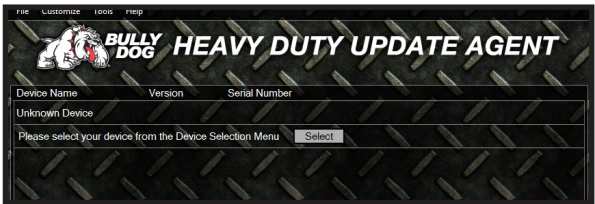**UPDATE DEVICE SOFTWARE**

CHANGE VEHICLE/ENGINE

SECTION 5:
UPDATING THE HEAVY DUTY GT

INSTALLING THE UPDATE AGENT ON YOUR PC.

- Open a web browser and visit http://bigrig.bullydog.com/updateagent.php. Once there, click on the Update Agent button and complete the process of installing the Update Agent.

- Start up the Heavy Duty Update Agent program that you have just downloaded and then plug in your micro SD card into your computer via the card reader.

- Once your computer recognizes the micro SD card, close all the autoplay windows and you should be prompted to register your product

- The Heavy Duty Update Agent will display the software version on the memory card. Click on the Update button.

- Once the update is complete, click 'OK', and then disconnect the card reader from your computer.

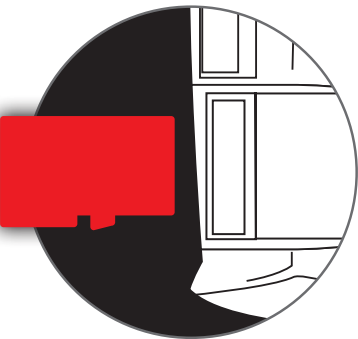- Take your Micro SD card out of the reader and plug it into your HDGT.

- Connect the HDGT to your vehicle and then turn the key to the RUN or ON position.

- Scroll down and select "Update Device Software".

- Confirm the correct engine/vehicle application is listed and then press the top right button to continue the updating process. The HDGT will now load the new files and restart. Once the HDGT has restarted, the update process is complete.

SECTION 6:
PHYSICAL INSTALLATION

Use the right-angle adapters if you need to direct the cable.
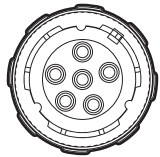
INSTALL THE MICRO SD CARD.

Insert the Micro SD memory card into the side of the HDGT.

CONNECT THE DATA PLUG.

Locate the data port (under the dash or behind the driver's seat). Connect the matching plug. (If two ports are present, use the 9-pin connection.)
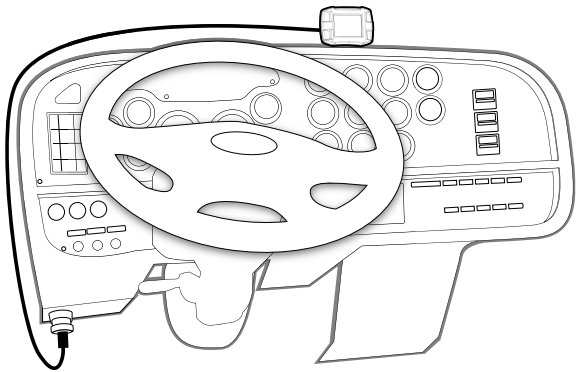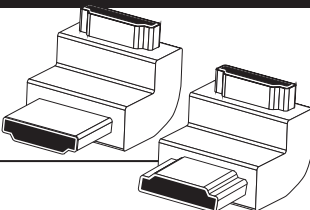
6-PIN DATA PLUG

9-PIN DATA PLUG

CHOOSE THE HDGT LOCATION

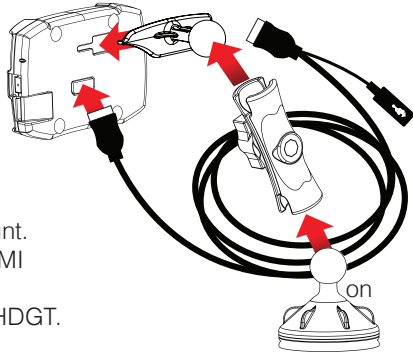Do not obstruct the driver's view. Make sure the 10' HDMI cable will connect to the data plug.

RUN THE HDMI CABLE.

Hide the cable under the weather stripping and/or dash. Use zip ties to secure loose wiring.

MOUNT AND CONNECT THE HDGT UNIT.

Use the RAM® suction cup mount. Connect the HDMI cable to the port the back of the HDGT.

SECTION 7:
PREPARING TO INSTALL THE TUNE

SCHEDULE ENOUGH TIME.

Ensure there is sufficient time to do the install. (See the list of install times by engine)

Some installations require extra steps. Allow enough time in case your installation is not typical.

It is best to prepare for at least a one hour install time, regardless of the application.

TURN OFF STOCK ELECTRONICS

- Air conditioning, DVD players, headlights heater, Stereo, etc.

REMOVE THE FOLLOWING FUSE/RELAYS

- ABS Fuse for truck and trailers.
- Fuse relay for the automatic transmission.

DISCONNECT AFTERMARKET ELECTRONICS..

- CB, Sirius/XM satellite radio, alarm, QualComm, GPS, Driver Information System, aftermarket gauges, etc.
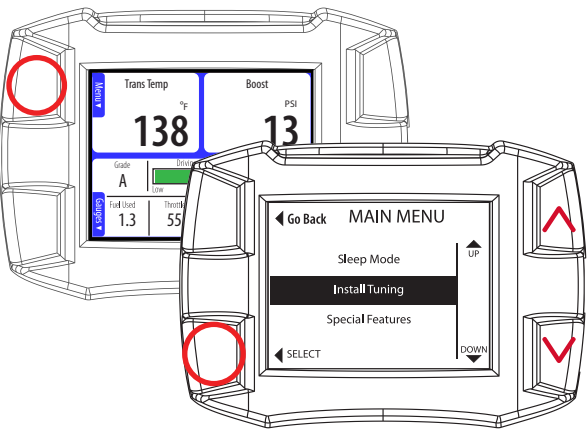
MAKE SURE THE TRUCK BATTERIES ARE FULLY CHARGED.

SECTION 8:
INSTALL THE TUNE

POWER UP THE HDGT.

Turn the key to the RUN (or ON) position to power up the HDGT.

OPEN THE MAIN MENU.

Press the top left button.

CHOOSE 'INSTALL TUNING'.

- Highlight 'Install Tuning' (right buttons).
- Select the highlighted option (bottom left button).

FOLLOW THE PROMPTS ON THE HDGT SCREEN.

Cat® Engines:
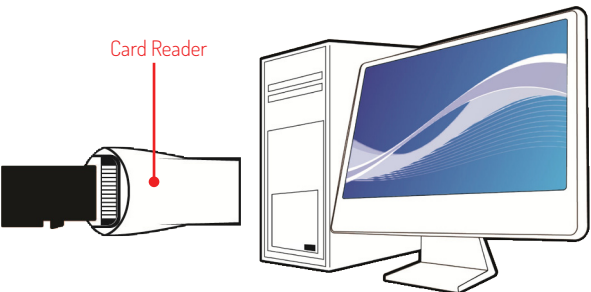After gathering vehicle files, the HDGT will prompt you to move on to Phase 2; complete section 9.

(OR)

Other applications: The HDGT will complete the tune installation. Your HDGT tune installation is complete!

SECTION 9:
CAT® APPLICATIONS ONLY

CAT® PHASE 2:

- Remove the memory card.
- Connect it to a computer with Internet access. (Use the included card reader)
- Use the Heavy Duty Update Agent* to download and save the tuning files to the memory card.
- Put the memory card back into the HDGT.

Card Reader

CAT® PHASE 3:

- Open the Main Menu.
- Choose Install Tuning.
- Follow the prompts on the HDGT screen; the HDGT will complete the tune installation.