# GT PLATINUM

## GAS

*Owner's Manual*

*GT Platinum*
*Part #40417*

*Not legal for sale or use in California on pollution-controlled vehicles.*

BULLY DOG™
powered by DERIVE

*Doc. 40417-99 v1.1*

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# ABOUT THE GT PLATINUM

**Preview of Basic Installation Steps**

1. Update the GT Platinum. **This step is very important!!!**
2. Physically install the GT Platinum.
3. Install the tune to your vehicle.

**IMPORTANT NOTE: You MUST uninstall your Bully Dog engine tune before taking your vehicle in for ANY type of service.**

**Check the GT Platinum product page at www.bullydog.com to check for new applications.**

# MANUAL OVERVIEW

This product is a combination of previous gas tuners sold by Bully Dog. To make a more expedient product for our dealers and a more efficient product for end users, we have combined all previous gas tuners into one amazing unit. Since particular tuners support a wider feature set but are for the most part the same in operation, make sure that as you go through this instruction manual, you READ CAREFULLY the sections that are intended for you when directed to do so.

Example: when you get to the physical install, follow the section devoted to your vehicle make whether it is Toyota®, Jeep® or other.

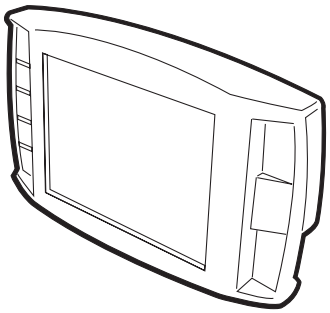
There are a few different sections in this manual that are different according to the make of the vehicle you are tuning.  You will see directions and headings guiding you to the appropriate section when this is the case.

# PARTS LIST

**Your GT Platinum package should include the following items:**

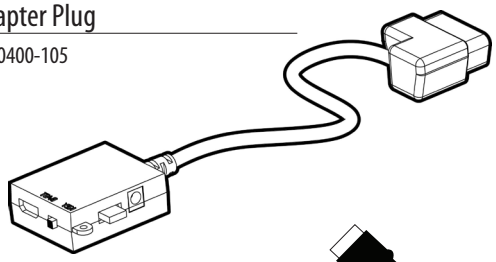
1. The GT Platinum Head Unit

Part Number: 40415-1



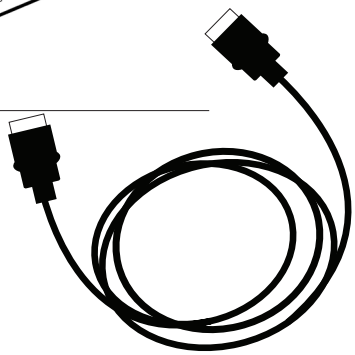
2. OBDII Adapter Plug

Part Number: 40400-105



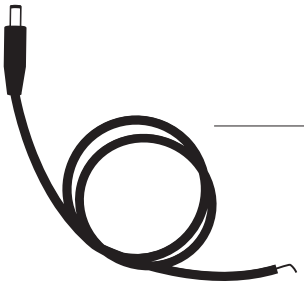
3. HDMI Cable

Part Number: 40400-100



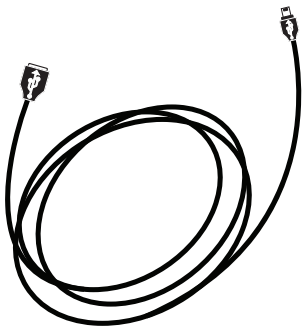
4. Power Wire

Part Number: 40400-101



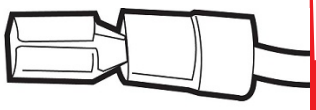
4. Mini USB

Part Number: 40400-103



5. Fuse Tap

6. Fuse Spade



7. Micro SD Card

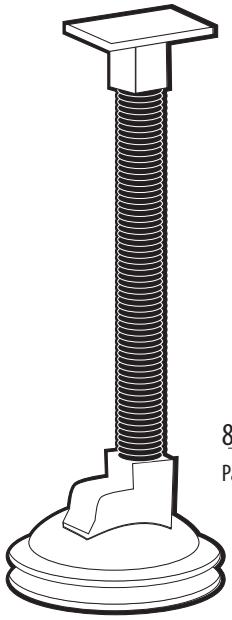
Part Number: 40410-10

8. Micro SD Card Reader

Part Number: 40410-10

8. Windshield Mount

Part Number: 40400-102



**You may also want to have the items listed below available when you are installing the GT Platinum:**

| Tools Needed | Extra Parts (Optional) |
|---|---|
| • Fuse Puller | • Battery Charger |
| • Voltage Meter (optional) | • Alternative Mounting Solution |

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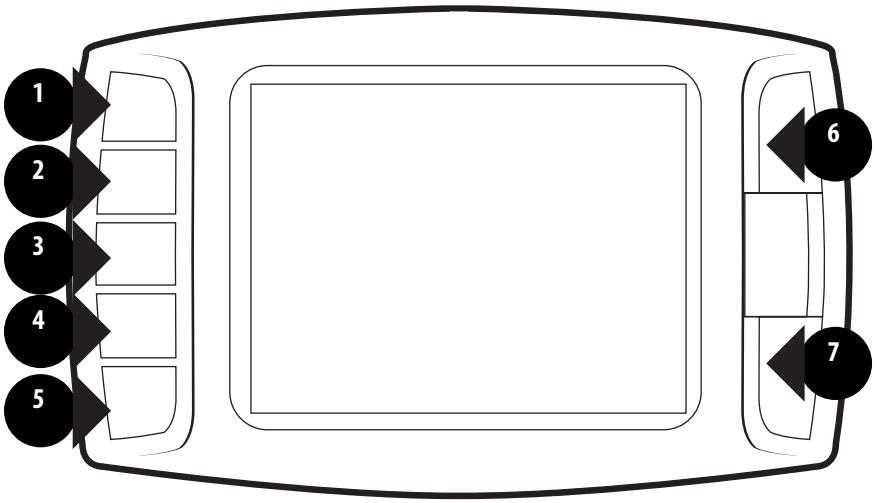
# PARTS DESCRIPTION

## GT Platinum Head Unit

The main component of the Gauge Tuner is the head unit. It has the screen and the buttons that allow you to access all of the functions and features of the tuner.

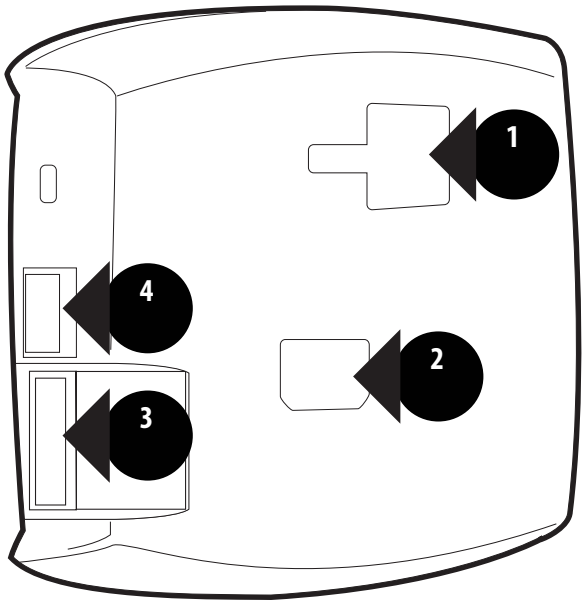



**GT Platinum Front Side:**

The GT Platinum has seven capacitive touch buttons. Capacitive touch is a button style that is sensitive to the presence of your finger. Capacitive buttons do not need to be pushed, only touched to activate. The front of the GT Platinum head unit features a 2.4" LCD screen.

**GT Platinum Back Side:**

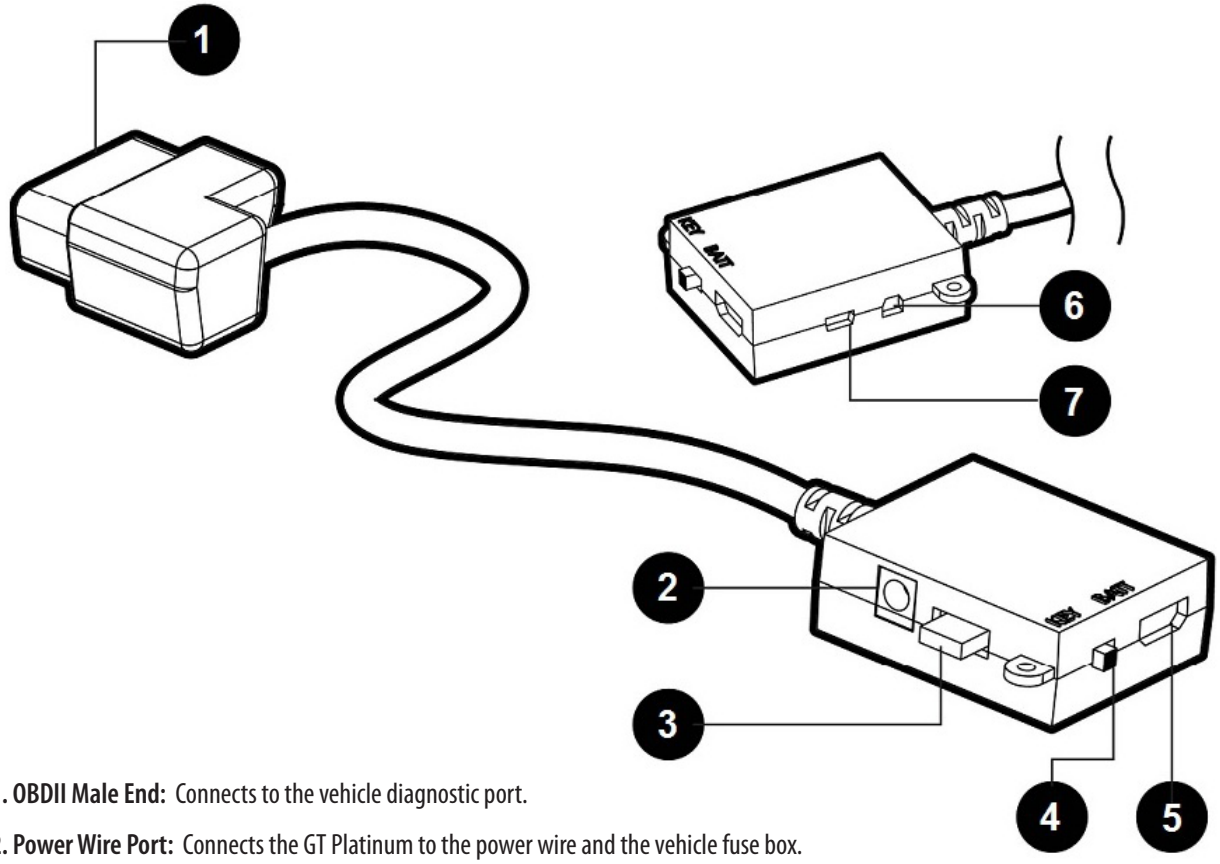
1. T-Slot Mount Socket, which allows you to use the GT Platinum with different mounting options.
2. HDMI port
3. Micro SD card port
4. Mini-USB port



# PARTS DESCRIPTION

## The OBDII Adapter Plug

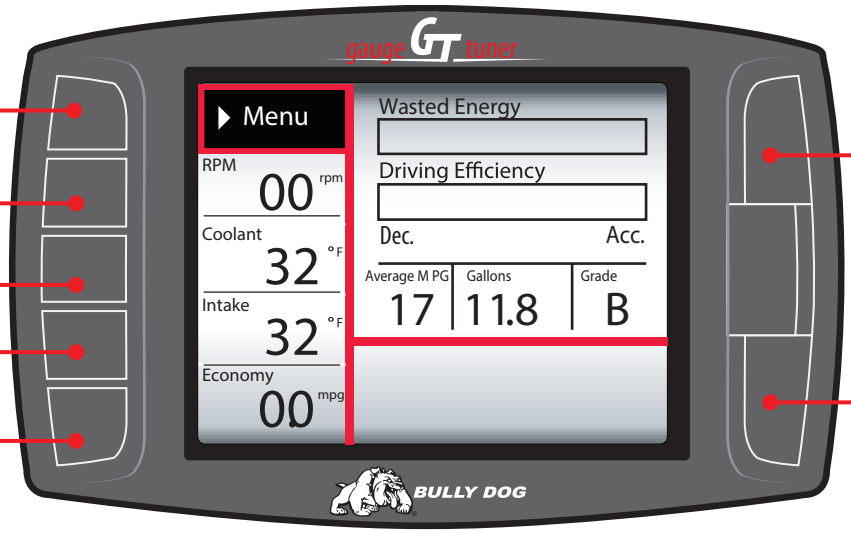
The GT Platinum assembly connects to your vehicle through the diagnostic port, which is located under the dash on the driver's side. The OBDII Adapter Plug connects to the diagnostic port on your vehicle and has a connection for the HDMI cable that plugs into the back of the GT Platinum Head Unit. The illustration and numbered list below contain more information about the other parts of this important piece of the GT Platinum assembly.




1. **OBDII Male End:** Connects to the vehicle diagnostic port.
2. **Power Wire Port:** Connects the GT Platinum to the power wire and the vehicle fuse box. Allows the GT Platinum to turn on and off with the key.
3. **Fuse:** The adapter plug fuse protects the GT Platinum from being damaged by unexpected power surges.
4. **Power Switch:** Changes the active power source of the GT Platinum. The two options are: 1) KEY: this pulls energy from the fuse box through the power wire and allows the GT Platinum to automatically turn on and off based on the vehicle's ignition key position; and 2) BATT: This provides continuous battery power to the GT Platinum directly through the vehicle's diagnostic port.
5. **HDMI Port:** Connects the OBDII adapter plug to the GT Platinum Head Unit.
6. **Pyrometer/Sensor Docking Station Port:** Connects the GT Platinum to optional sensors including pyrometers or the Bully Dog Sensor Docking Station.
7. **Future Peripherals:** Not currently in use – may be used to connect additional devices in the future

# BUTTON NAVIGATION

**FUNCTION 1**: Press the top left button to enter the Main Menu, also use this button to exit menus.




**FUNCTION 2:** Press any of the four buttons on the left side of the GT Platinum adjacent to one of the vehicle parameters on the screen will display that parameter in the large gauge area.

**FUNCTION 3:** Continuously hold any of the four buttons to change the Large Gauge style, there are four different styles that pop up.

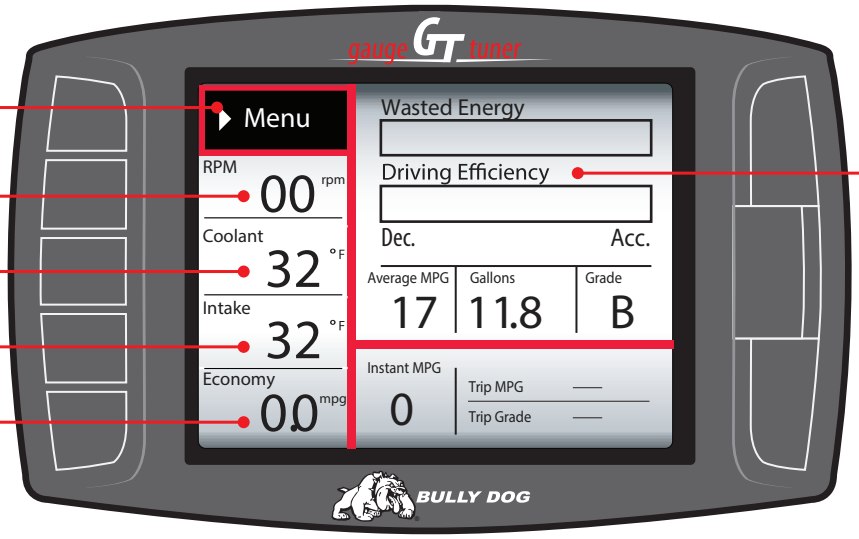
**FUNCTION 5:** Use these buttons to scroll up and down when GT Platinum is in a menu screen.

**NOTE: The GT buttons are Capacitive Touch. This means that a light touch is all that is needed to choose different options. You do not need to push hard or get the buttons to move down or in for the GT to work for you.**

# THE MAIN SCREEN

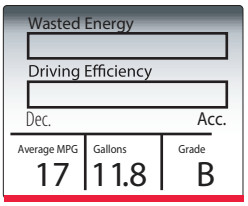
This picture of the GT Platinum main screen has the Driving Coach selected for the Large Gauge option. You can change which gauge is featured in the upper right corner of the main screen by holding down one of the buttons on the left side of the GT Platinum until the gauge type that you want is shown.

**Menu button:** Press to enter the Main Menu.



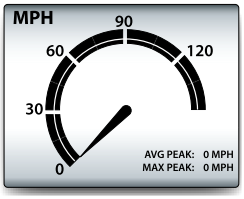

**Vehicle parameters:** To change which vehicle parameter is displayed in the large gauge area, simply press one of the four buttons next the preferred vehicle parameter.

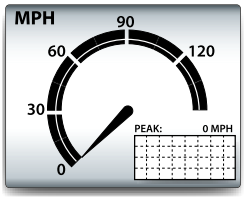
**Large Gauge area**




**1.** The Driving Coach

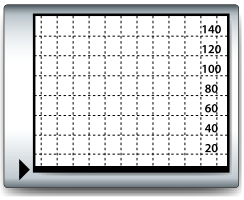
**2.** Analog gauge with average and max peaks




**3.** Analog gauge with mini graph

**4.** Large real time graph



# AVAILABLE OPTIONS – ALL MODELS

**In general these options are presented in the order they appear on the Main Menu but there are some menus that change according to the specific vehicle. If options are missing in your Main Menu, update your GT Platinum.**

## Change Vehicle

This option allows you to choose the type of vehicle that the GT Platinum will be used with. If the tune has already been installed, the Change Vehicle option cannot be used. Read the "Show Settings" section in this manual for more information about checking to see if the tune is already installed and, if so, how to uninstall the tune.

## Install Download

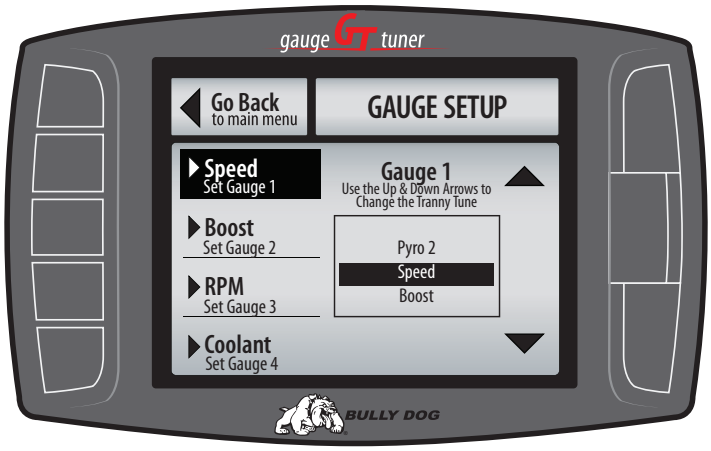
This option allows you to install the tune to the engine computer in your vehicle. If the tune is already installed, this option will allow you to return to stock (basically uninstall the tune) or change certain settings that can only be changed by writing a new tune to the ECM. Read the "Uninstalling - Returning to Stock" section in this manual for more information about the download options and returning to stock.

## Gauge Setup

This option will allow you to change which gauges are being displayed on the main gauge screen. Definitions for each type of gauge option available are listed on the next page.

*Changing the Information on the General Display*

1. Choose Gauge Setup from the Main Menu.
2. Press the button on the left side of the GT Platinum to highlight the gauge slot you would like to change.




3. Use the buttons on the right side of the GT Platinum to scroll through the different functions and highlight the one you want shown on the General Display.
4. When you are done, use the top left button to go back to the Main Menu and General Display.

**NOTE: All of the gauge types may not be available through your vehicle's diagnostic port (OBDII port). This fact is out of the control of Bully Dog; however, Bully Dog offers a range of add-on automotive sensors and sensor docking station. Contact Bully Dog or a Bully Dog dealer to learn more.**

## Gauge Setup (continued)

**These gauge options may not be available for all vehicles.**

### Pyro 1 & 2 (Sensor Docking Station may be required)

Both pyro 1 and pyro 2 measure exhaust gas temperature. The only difference between them is the location of the temperature sensor. Used for defuel level settings, which protect the engine from heat damage.

Availability and location of factory installed pyrometers vary according to vehicle make and year. For all other vehicles, pyrometer kits are available for purchase from www.BullyDog.com. Bully Dog and factory OEM sensors are the only pyrometers which will work with the GT Platinum. If pyro 1 & 2 are unavailable through the OEM, go through the Sensor Docking Station.

### Speed

This option shows the current vehicle speed.

Monitoring this information can help you ensure that the speed displayed on the GT Platinum and the vehicle speedometer match the actual vehicle speed. Other important numbers, like the odometer and fuel efficiency, are based on this information.

### RPM

This option shows the number of revolutions per minute of the engine.

This will help you protect your vehicle and improve performance by watching and ensuring that the RPMs stay within a certain range.

### Coolant Temperature

This option shows the coolant temperature.

Used in defuel settings to prevent damage to the engine.

Not available on all vehicles.

### Throttle Position

This option shows the throttle position measurement – it is displayed as the percent open.

Used by the Driving Coach to indicate where changes can be made to driving habits to maximize fuel efficiency.

### Intake Temperature

This option shows the intake air temperature.

Air temperature affects combustion temperature and engine performance. Adding a Bully Dog Rapid Flow Intake (RFI) closed air system will lower this temperature, improve performance, and increase horse power. The Gauge Tuner (GT Platinum) is designed to work with the RFI to get the most out of your engine.

### Transmission Temp

This option shows the transmission temperature.

Used in defuel settings to prevent damage to the transmission.

Not available on all vehicles.

### Load

This option shows a real-time measurement of the work that the truck is doing.

### Timing

This option shows a real-time reading of the timing position as the truck is running.

### MAF

This option displays information from the Mass Airflow Sensor. Used by the Engine Control Module (ECM) to determine how much air is going into the engine. The ECM then sends the correct amount of fuel for optimum engine performance.

### Fuel Econ.

This option displays a real-time measurement of the vehicle's fuel economy, shown in miles per gallon.

Determine when your fuel efficiency peaks or dies to improve your driving habits and your bottom line when visiting the pump.

### Fuel Flow

This option displays the amount of fuel being used at any given time; it is shown as a percentage.

Not available on all vehicles.

### Boost (Turbo equipped vehicles only)

Current turbo boost pressure.

### Barometer

Current atmospheric pressure.

### Injection Pulse Width (IPW)

The time the injector stays open for each injection event; usually displayed in milliseconds (ms).

### Battery Voltage

This option shows the current battery voltage.

*Additional features listed on the next page.*

## Gauge Setup (available with purchase of additional products)

**The following gauge options are provided to allow the GT Platinum to monitor additional sensors that are only available with the Bully Dog Sensor Docking Station.**

### A/F Ratio 1 & 2

This gauge option shows the ratio of air to fuel. The GT Platinum will use this information to ensure that your engine is using the correct ratio to completely burn all of the fuel being used and maximize performance and efficiency.

Only available on Bully Dog Sensor Docking Station part number 40385.

### AUX 1, 2 & 3

This gauge option shows the information from sensors connected to the ***0-5V*** auxiliary inputs on the Bully Dog Sensor Docking Station.

### AUX Temp

This gauge option shows the information returned to the Sensor Docking Station by an optional temperature sensor. The port for this sensor is marked as ***5V out***.

### Frequency

This gauge option shows the information from a pulsing type of sensor, like an on-board speed sensor or another optional sensor that operates on the 0-5kHz 5V pulse range. The port on the Bully Dog Sensor Docking Station for this gauge option is marked as ***FN***.

## User Options (Set User Options)

### Set Background Theme
Change the display colors on your GT Platinum.

### Adjust Backlight
Change the brightness for both the day and the night operating modes of the GT Platinum.

To change between night and day mode, hold both the right buttons (the up and down buttons) while you are in the general gauge display.

### Set Animation Preferences
Turn the Wave Effect on or off. This effect creates a ripple on the screen whenever you press a button.

### English/Metric Units
Switch between miles/kilometers and gallons/liters.

### Reset to Default
Change the user preferences back to the original Bully Dog default settings. This option does not change other GT Platinum features to default settings.

## Reset Average Economy

This option resets the saved values on the GT Platinum for average fuel economy, the number of gallons used, and the fuel efficiency grade displayed by the Driving Coach.

## Performance Testing

This feature offers drag racers the ability to complete the 1/4 Mile and 0-100 KPH performance tests.

You can also download saved tests from your GT Platinum to your computer and analyze it using the Bully Dog Performance Testing Software. The software is available by free download from www.bullydog.com.

**SPECIAL NOTE: Street racing is illegal and extremely unsafe. The performance testing feature should only be used on a sanctioned 1/4 mile drag racing track.**

There are two different styles available for both tests. The GT Platinum will show different test screens based on the style of test that is currently selected in the Performance Testing Setup Menu.

### Speed Sensitive Performance Test
Once this test is begun, the GT Platinum will show instructions to the user to first bring the vehicle to a stop. Once the vehicle is at zero miles per hour, the test is ready. The test will automatically start once the vehicle begins to move.

### Race Tree Performance Test
Before initiating the Race Tree style performance test it is important that the vehicle should already be at a complete stop. Once the test is begun, the GT Platinum will display a classic race tree on the screen. As soon as the lights on the tree turn green, the GT Platinum will begin to record the vehicle's time. In this style of test, the GT Platinum will not wait for the vehicle to start moving before it starts recording performance data.

### 1/4 Mile Performance Test
This option will test the vehicle's performance until the vehicle has traveled 1/4 mile.

**- View Test Results**
View the results for the last performance test that was run.

**- Save Previous Test to SD Card**
Save the results of the last run to the SD card in the GT Platinum. All runs that are saved to the SD Card can be transferred to your computer using our Performance Testing Analysis Software. For more information on our Performance Testing Analysis software, see page 41 or visit our website: www.bullydog.com

**- Fastest Times**
View the results for the quickest 1/4 mile ever recorded.

### 0-100 KPH Test.
This option will test the vehicle's performance until the vehicle has reached a speed of 100 kilometers per hour, which is about the same speed as 62 miles per hour.

## Driving Coach Setup

The Driving Coach is a special feature designed to be your fuel economy dashboard and information center. It provides real-time visual and audio feedback about driving efficiency and where energy is being lost. The driving coach will help you understand the optimal conditions for your particular vehicle through real-time observation, giving you the power to maximize your vehicle's fuel economy.

*Two hidden bonuses of driving more efficiently are: saving money on fuel and helping the environment!*

Before the Driving Coach can give you accurate information, it is important to make sure that the GT Platinum is showing the correct speed. In the sections below, you will find specific instructions for using the Driving Coach to become the best driver you can be.

### Set Economy Goal

This option will allow you to select a fuel economy goal. The Driving Coach will use the economy goal to calculate your driving grade.

It is very important to select an economy goal that is realistic for both your vehicle and the kind of driving you will be doing. If you will be driving mainly in the city or on the highway, choose a goal that is very close to the advertised fuel efficiency for your vehicle in that type of environment. If you will be doing a mixture, choose an economy goal between the advertised city and highway mileage for your car.

### Reset Average Economy

This option will clear the values stored in the GT Platinum for the average fuel economy, the number of gallons used, and the grade in the Driving Coach.

### Adjust Acceleration

This option will allow you to select the GT Platinum sensitivity for the acceleration and deceleration in the Driving Coach; this affects the driving grade assigned by the Driving Coach.

### Coach Sound Setup

This option will allow you to turn the Driving Coach sounds on or off.

### Showing/Hiding the Driving Coach

The driving coach is always running, even if you choose not to have the information displayed. You can show or hide the driving coach on the Main Display by holding one of the four bottom left buttons until the display cycles through to the gauge style that you want.

# Driving Coach Setup *(continued)*

## Checking Speedometer Accuracy

First: Change the Gauge Setup to have the Speed displayed on the main display screen. See page 8 for more information about changing the information displayed on the main display screen.

Next: Go to a safe place with little to no traffic where you can perform a speed test. Make sure the speed limit is at least 60 mph. Here are two different ways to find out your vehicle's actual speed:

### Method 1: GPS

1. Use a GPS device to compare your actual speed and the speed displayed on the Bully Dog.
2. Calculate the Percent Difference by using this formula:

$$\text{Percent difference} = \frac{\text{GT Platinum speed - GPS Speed}}{\text{GPS Speed}}$$

Example 1: A GPS device reads 65 mph and the GT Platinum reads 62 mph for one single moment.

Step 1. Percent difference = $\frac{62 - 65}{65}$

Step 2. Percent difference = $\frac{-3}{65}$

Step 3. Percent difference = .046 or 4.6% then round up 5%

### Method 2: Stopwatch

1. Use a Stop Watch to measure how long it takes to travel one mile while traveling at 60 mph according to the GT Platinum.

   Accelerate up to a speed of 60 mph (as shown on the GT Platinum)
   While traveling at that constant speed, record the amount of time in seconds that it takes to travel exactly one mile.
   *Use highway mile markers to ensure that your one mile measurement is correct.

2. Record the time.
3. Calculate the Percent Difference.

   If it takes 60 seconds to travel one mile at 60 mph, then the GT Platinum is accurately reading your vehicle speed.

   If it takes 2 seconds more or less than 60 seconds to travel one mile, then use the formula to the right to calculate the Percent Difference.

   *Once you have calculated the Percent Difference, you can use that information to adjust the speed display as described below*

To calculate the percent difference use this formula:

$$\text{Percent difference} = \frac{\text{Recorded Time - 60 seconds}}{\text{60 seconds}}$$

Example 1: Using a stop watch the actual time it took to drive one mile while traveling at 60 mph according to the GT Platinum was 63 seconds.

Step 1. Percent difference = $\frac{63 - 60}{60}$

Step 2. Percent difference = $\frac{3}{60}$

Step 3. Percent difference = .05 or 5.0%

## Adjusting the Speed Display

1. Use one of the methods described in the previous section to determine the exact percentage difference between the GT Platinum and your actual speed.
2. Choose the opposite percentage in the Adjust Speed Display menu.

*For example, if the difference between your actual speed and the speed displayed on the GT Platinum was 5%, you should choose -5% (negative five percent).*

# Driving Coach Setup *(continued)*

## Checking Average Fuel Economy

It is important to check the accuracy of the average economy readout on the GT Platinum at least once every changing season. There are many reasons to check and adjust the average fuel economy, here is one example: The fuel delivered to gas stations during the winter contains an average of 1.3% less energy than the fuel delivered in warmer seasons. That means that the same amount of liquid is going into the tank, but it is 1.3% less effective, on average. There are many similar factors that affect your fuel efficiency that you cannot control and the GT Platinum cannot sense or adjust for. That is why it is important to adjust the fuel economy of the GT Platinum every once in a while.

To adjust the Average Fuel Economy displayed by the GT Platinum, follow these steps:

1. Go to the gas station and get a full tank of gas.
2. Reset both of the following gauges before driving away from the gas station:
   - The Average Economy on your GT Platinum.
   - The trip odometer on your vehicle.
4. Drive the vehicle for an entire tank (or two)
5. Calculate your vehicle's average fuel economy by hand using the following equation:

**• NOTE: If the speedometer on the vehicle is not accurate, then the odometer will also be incorrect. You will need to be able to calculate the exact number of miles driven before your next refill.**

$$\text{Calculated Average Economy} = \frac{\text{miles driven}}{\text{gallons used to fill the tank back up}}$$

$$\text{Percent difference} = \frac{\text{GT Average Economy - Calculated Average Economy}}{\text{Calculated Average Economy}}$$

Example 1: Assume the GT Average Economy is 24 mpg and the Calculated Economy is 21.

$$\text{Step 1. Percent difference} = \frac{24 - 21}{21}$$

$$\text{Step 2. Percent difference} = \frac{3}{21}$$

Step 3. Percent difference = .142 or 14.2% round down to 14%

6. Use the equation below to calculate the Percent Difference between the average fuel economy that you have calculated and the average fuel economy that is displayed by your GT Platinum.

## Adjust the Average Fuel Economy

Follow the steps listed below to change the average fuel economy that is displayed by the GT Platinum:

1. Go to the Main Menu
2. Choose Vehicle Setup
3. Choose Adjust Economy Display
4. Use the buttons on the right to move up and down the percentages
5. Choose a percent value that is the opposite sign of the Percent Difference that you calculated using the equation above.
   - For example, if you determine that the Percent Difference is 14%, you should choose -14%.

## Vehicle Settings

### Set Engine Size

This is automatically determined when you choose your vehicle make and year during installation of the tune. You would only need to access this option if you do not have a stock engine displacement size.

### Set Vehicle Weight

Select your vehicle weight. You would only need to access this option if you do not have a stock gross vehicle weight.

### Select Pyro Source

Choose either factory installed or Bully Dog pyrometers.
(Only available on 07.5 and newer vehicles that come equipped with a factory pyrometer)

### Set Warning Levels

Set the temperature level at which the GT Platinum Platinum will provide a warning to help you protect your engine from heat damage.

It is also possible to turn each of these settings completely off. This is appropriate if the sensor for that setting is not available or if you do not wish to have that setting monitored by the GT Platinum Platinum.

See the Pyrometer Calibration section for help in determining warning temperatures.

**Pyro 1 Temperature Level**

**Pyro 2 Temperature Level**

**Engine Coolant Temp Level**

**Transmission Temperature**
Turn this setting off or add a Bully Dog boost sensor if your vehicle does not have a factory transmission temperature sensor.

### Adjust Economy Display

Change the miles per gallon shown by the GT Platinum.

This setting should be changed if the GT Platinum is showing incorrect fuel mileage.

### Adjust Speed Display

Change the vehicle speed shown by the GT Platinum.

This setting should be changed if the GT Platinum is showing an incorrect vehicle speed.

## Special Functions

**The same special functions are not available for all vehicles. You can check out which features are available for your model car by visiting the Bully Dog website and downloading the GT Platinum Gas Vehicle Feature Matrix. For definitions, check out the Glossary.**

These options cannot be adjusted On the Fly (OTF). This means that they are set when you install the tune. The only way to change these settings is to start the **Install Download** process and choose **Change Settings** when you are prompted by the GT Platinum.

# Special Functions (available for some Toyota® vehicles only)

## Display and Lighting

### Display Ex Off
This changes the brightness when canceling the lights for the indicator light of the combination meter, A/C indicator light and clock.

### Display Ex On
This changes the brightness when dimming the indicator light of the combination meter, A/C indicator light and clock.

### Foot Light
This sets the time the Outer Foot Light is on.

### Interior Lighting
This will turn the interior light on when the ignition switch is turned from "ACC" to "LOCK". This will also turn on the interior light, ignition light and step light on when the door is unlocked by the door key cylinder.

### Light Sensitivity
This adjusts the sensitivity of the lights .

### Light Auto OFF
This will light the headlight for a time after the doors are closed with the ignition switch turned ON and the light control switch is at HEAD or AUTO and the headlight is ON.

### Light Time On
This function changes the time between when the doors are closed and the lights go off when the light control switch is at HEAD or AUTO, and the headlight is on.

## Door Lock Functions

### Auto Lock
Doors on the vehicle lock automatically after the vehicle reaches a certain speed.

### Wireless Auto Lock on Shift
This locks the door when the lever shifts out of the P range.

### Auto Unlock on Shift
This unlocks the door when the lever is shifted into the P range with the ignition ON.

### Unlock All Doors on Shift
This unlocks every door but the driver door when the driver door is opened after the ignition is switched off after a certain time.

## Key Cylinder Functions

### Power Windows
This makes the driver window (and all windows, depending on vehicle grade) and sunroof close if the driver window control is held closed. If the driver door window control is held open, the driver's door window (and all the windows, depending on vehicle grade) and the sunroof will open.

### 2 Turns Open All Doors
This unlocks only the driver door when the key UNLOCK button is pushed twice. When this setting is switched OFF, the key UNLOCK button will unlock all the doors.

### Sunroof Operation
This will open the sliding roof if the door switch is held to UNLOCK and the ignition switch is OFF. This will also close the sliding roof if the door switch is held to LOCK and the ignition switch is OFF.

### Sunroof Action
This selects the opening direction of the sliding roof when holding the driver side door key unlocked for a certain time when the ignition switch is OFF.

## Key Fob Functions

### Wireless Control
This is used to turn the wireless door lock ON or OFF.

### Horn Chirp on Lock
This turns the wireless buzzer response function ON or OFF.

### Open Door Warning
If a door is open when vehicle is being locked by the wireless door lock, a buzzer will sound.

### Panic Function
The "ON" setting will enable the Theft Deterrent System by pressing and holding the Panic Button. Use the Lock Button if the Panic Button is unavailable.

### Wireless Auto Lock
This automatically locks doors after they are unlocked with the wireless key.

### Wireless Auto Lock Time
This will change the amount of time from unlocking the door(s) with the wireless key to re-locking them automatically.

### Optical Flash on Lock
This is used to turn ON or OFF the hazard answer back of the wireless door lock.

### Unlock Driver Door
Use the GT to disable this feature so all of your vehicle doors will unlock with one press of the button on a remote door lock unit.

# Special Functions (available for some Toyota® vehicles only)

## Power Back Door

### Wireless PBD Operation
This function changes the operation of the PBD by transmitter.

### PBD Buzzer
This function will adjust the volume of the buzzer while the PBD operates.

## Security

### Entry Delay
This will change the Entry Delay Time, or the period before starting the warning, by the Passive Mode.

### Passive Mode
This will set the Theft Deterrent System in 30 seconds after the Driver door is closed and the Key is removed from the Ignition Key Cylinder.

### Warning Broken Glass
This will turn the Glass Break Sensor ON or OFF.

### Warn by Horn
This turns the glass break sensor ON or OFF. It is only functional when the vehicle has a glass break sensor.

## Warnings

### Key Reminder Sound
This function changes the times at which the key reminder buzzer will continue to sound.

### Key Reminder Volume
This changes the volume of the key reminder buzzer.

### Seat Belt Chime
This changes the seat belt reminder chime.

## Other

### Traction Control
This function will disable Traction Control.

### Zero Point Calibration
This function is used to calibrate the Yaw Rate Sensor.

### ECT Reset
This function is used to delete what the Electronic Controlled Transmission has learned.

# Special Functions (for some Jeep®, Dodge® and Chrysler® vehicles only)

## Engine Fan

Turn the engine fan off for water crossings or run it in high speed mode at any temp.
**NOTE:** The coolant temperature light will not indicate if the vehicle begins to overheat when the fan is disabled.

## Idle Adjust

Set the engine speed (in RPMs) to increase the voltage and provide additional power to the winch.
(This feature does not take effect until the GT Platinum is at the Main Screen.)
**NOTE:** This feature only works in park or neutral. It will automatically turn off as soon as the vehicle is put into gear. It will automatically turn back on the next time the vehicle is put into park or neutral.

## Tire Pressure Limit -- Tire Pressure Monitoring System (TPMS)

Eliminate the dash light so the tires can be aired down for increased traction.
**GT Platinum Setting:** Chance the stock preset value to a number between 10 and 60 PSI. Once the setting is changed, the stock TPMS system will still allow for a + or - 6 PSI variation, so the tire pressure could be reduced to as low as 4 PSI.
(The sensors in the tires and the value on a manual pressure tester will not necessarily match.)
(This feature does not take effect until the GT Platinum is at the Main Screen.)

## Headlight Delay

Set the amount of time that the headlights remain on after the engine has turned off.

## Horn Chirp on Lock

The vehicle horn will sound each time the doors are locked by a remote control unit while this feature is enabled.

## Optical Flash on Lock

The hazard lights will flash each time the doors are locked by a remote control unit when this feature is enabled.

## Auto Door Lock

The vehicle will automatically lock all the doors when it reaches a speed of 15 mph.

## Unlock Driver Door

When this stock feature is disabled by the GT Platinum, all of the vehicle doors will unlock with one button press on a remote door lock unit.

## Seatbelt Reminder

Use the GT Platinum to turn off the seat belt reminder chime.

## Axle Lockers

**Rubicon Only**
Increase traction by engaging the axle lockers in 2WD, 4WD-Hi and 4WD-Low up to 30 mph.
To use this feature, choose **Enable** and return to the Main Screen, then press the locker button on the dash once for front and twice for front and rear.

- The front locker will automatically unlock above 30 mph.
- The rear locker will automatically unlock above 30 mph.
- Both lockers will automatically reengage (lock) if the vehicle returns to acceptable speeds and the system is still activated.

## Traction Control

Completely disable the vehicle's Traction Control by choosing **Disable**.

- After re-enabling traction control (reverting back to stock settings) the dash light may stay lit until the key is cycled.

## Tire Size

Correct the speedometer (and fuel efficiency calculations) if you have changed your tire size from stock.

## Special Functions (for some Jeep®, Dodge® and Chrysler® vehicles only)

### Axle Ratio

Correct the vehicle speedometer (and fuel efficiency calculations) if you have changed the gear ratio on your vehicle.
If no gear ratio modications have been made to the vehicle, then choose the stock setting when the tuner prompts you to choose a gear ratio. This will ensure that no modifications are made to the stock program.

### MDS (4-cylinder mode)

Enabling the Multiple Displacement System (MDS) initiates a fuel saving 4-cylinder engine mode and disables additional engine cylinders.

### Transmission Shift Points

Change the RPMs at which an automatic transmission will change gears.

### Rev Limiter

Regulate the highest RPM that an engine can reach before the engine is electronically limited.
Increasing the RPM limit is recommended only for racing purposes. One of the most important ways to protect your engine from damage is to keep the RPMs from going too high.

## Special Functions (for Hemi engines only)

The same special functions are not available for all vehicles. You can check out which features are available for your model by visiting the Bully Dog website.

### Tire Pressure Limit
Change or disable the Tire Pressure Monitoring System (TPMS).

### Accessory Delay
Control how long accessory items will remain on after the engine has been turned off and the doors remain closed. Accessory items include the radio, cigarette lighter, etc.

### Headlight Delay
Set the amount of time that the headlights remain on after the engine has fallen off.

### Daytime Lights
Disable or enable daytime running lights.

### Fog Lights W/High
Run the fog lights and the high beams at the same time.

### Optical Flash on Lock
The hazrd lights will flash each time the doors are locked by a remote control unit while this feature is enabled.

### Auto Door Lock
The vehicle will automatically lock all the doors when it reaches a speed of 15 mph.

### Unlock Driver Door
Disable this option to unlock all doors with one button press on a remote keyless entry unit.

### Delay Lock
Set the amount of time the vehicle will delay before locking the doors with a remote keyless entry system when this option is enabled.

### Horn Chirp Length
Set the length of the horn chirp when the lock button is pressed on a remote keyless entry unit when this option is enabled.

### Auto High Beams
Enable or disable the Auto High Beams vehicle feature.

### Seatbelt Reminder
Use the GT Platinum to turn off the seat belt reminder chime.

### Traction Control
Completely disable the vehicle's traction control by choosing Disable.

- After re-enabling traction control (reverting back to stock settings), the dash light may stay lit until the key is cycled.

### Headlights W/Wipers
Disable the "Headlights On With Wipers" vehicle feature.

- Vehicle must be equipped with "Automatic Headlights"

### HL on Unlock
Turn on the headlights by pressing the unlock button on a remote keyless entry unit while this feature is enabled.

### One Press to Unlock
Unlock all doors with a single button press (on a remote keyless entry unit) when this option is enabled.

### Reset Adaptives
Reset engine parameters that are calculated over time.

### Headlight Approach Timer
Adjust the length of time the lights remain on when a vehicle is unlocked using the remote control unit.

## Diagnostics

This option reads the Diagnostic Trouble Codes (DTCs) from your vehicle engine. You can also erase these codes from here.
To look up the DTC codes, the following website is very helpful: http://engine-codes.com/
You can also search for more information about DTC codes online using your favorite search engine.

IMPORTANT NOTE: Most DTCs indicate a problem with the engine, not with the tune or the tuner itself. If you want to know if a DTC is being caused by the GT Platinum or not, uninstall the tune and drive your vehicle for about one week. If the DTC comes back, there is a problem with the vehicle and you should take it to a trusted mechanic. If the DTC doesn't come back, reinstall the tune and test drive for another week – if the DTC comes back while the tune is reinstalled, contact technical support. Be sure to have your tuner, vehicle, and a computer with internet access available when contacting technical support.

## Show Settings

The Show Settings screen will show you information about your vehicle, the GT Platinum, and your current vehicle settings. This screen will also indicate if the GT Platinum tune is currently installed or not installed on a vehicle.

## Uninstall GT

This option will allow you to uninstall the tune from your vehicle and return it to stock settings.

## Update GT Software

This option will update the software on the GT Platinum itself from the files on the Micro SD card. This is an important final step to the update process.

# IMPORTANT WARRANTY INFORMATION

## Vehicle Warranty

You can access information about your vehicle warranty and your rights as an owner to use aftermarket products without voiding the warranty at the following SEMA (Specialty Equipment Market Association) website:
***http://www.bipac.net/page.asp?content=warranty&g=semaga***

## GT Platinum Warranty

A new GT Platinum is covered for one year after the date of purchase. This warranty covers repairs for factory defects; it does not cover accidental damage or reset services. For pricing information and assistance in having a damaged GT Platinum unit repaired, contact technical support.

You can find more specific warranty information at the following page on the Bully Dog website:
***http://www.bullydog.com/warranty.php***

# UPDATING THE GT PLATINUM

OVERVIEW

**We strongly recommend that users select their vehicle (if exact vehicle is unavailable, then select a similar one) BEFORE updating with the Update Agent.**

*FAQs about Updating*

## Why do I have to update my GT Platinum?

**Because it's very important! These are just some of the reasons:**

1. Vehicle manufacturers regularly change the part numbers and other information that the GT Platinum needs to know in order to communicate effectively with your engine computer. If the GT Platinum doesn't have updated information, it may not work correctly with your vehicle. Bully Dog releases updates when necessary to keep up with any changes that vehicle manufacturers make and give our customers the best support possible.
2. Our technical support team gathers information about any problems experienced by customers and works with the engineers to fix them as soon as possible. If these fixes can help other people avoid similar problems, our engineers include them in the updates that we release for everybody. One of the most important troubleshooting steps we take when someone encounters a problem is to make sure they have the most recently released software version. This often immediately fixes the problem!
3. Bully Dog engineers are constantly working to expand the features and vehicles that the GT Platinum is able to support. Once a new vehicle or option is unlocked, they make sure it is available to everyone by including it in the updated software version.

## Do I have to update my brand new GT Platinum?

**Yes! There is no way to know how long your particular GT Platinum may have been waiting on the shelf for you.**

## How often should I update?

**Updates are released regularly, so you should check for them at least four times a year. A good rule of thumb is to check once every three months.**

It is also a good idea to update the GT Platinum if you have uninstalled the tune for any reason, like taking your vehicle in for service. This will help you avoid any problems during the reinstall if the engine computer has been flashed and has new part numbers (this is very common, even for a routine vehicle service).

## What is included in updates?

**Updated part numbers and other information from vehicle manufacturers, tested fixes for problems customers may encounter, and any additional features or vehicles that our engineers have unlocked.**

## How can I tell which software version I currently have?

**1. Go to the Main Menu.**

**2. Choose the Show Settings option.**

The software version is listed under System Info, next to Version. It is labeled **Software**.

## How can I use the Update Agent to check for updates?

**Start the Update Agent application and connect the Micro SD card to your computer using the card reader that came with your GT Platinum. The Update Agent should automatically recognize the Bully Dog device, check the current software, and let you know if an update is available.**

# UPDATING THE GT PLATINUM

## Basic Steps to Update (Short Version)

1. Run the Update Agent.
2. Connect the Micro SD card to your computer.
3. Choose the vehicle application and let the Agent search.
4. Click the Update button.
5. When the Update is finished, put the Micro SD card in the GT Platinum.
6. Update the GT Platinum from the SD card by choosing Update GT Software on the Main Menu.

## What You Need to Update the GT Platinum

**1. A computer with internet access.**

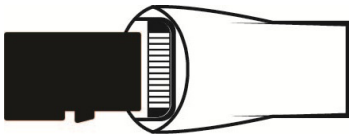
- Currently, it is most convenient to update if you have a Microsoft Windows computer.

If you only have access to an apple computer, check the "Updating your GT Platinum (Detailed Steps for Apple)" section in this manual.

**2. A way to connect the Micro SD card to the computer.**

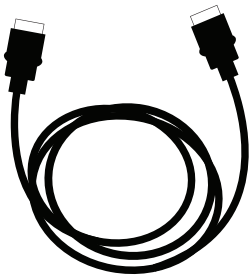
There are two different options:

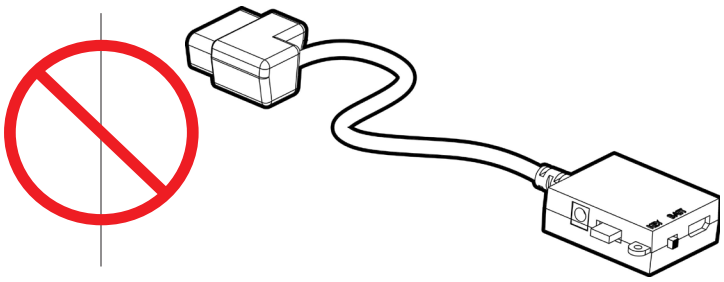
- A Micro SD card reader to connect it directly to the computer.



- A USB cable to connect the GT Platinum to the computer (with the Micro SD card installed in the GT Platinum).

**Note: Do not try to connect use the HDMI cable or the OBDII adapter plug to update the GT Platinum.**





# UPDATING THE GT PLATINUM

(DETAILED STEPS FOR WINDOWS)

*The following instructions are intended for Microsoft Windows computers.*

## Uninstall the tune from your vehicle

1. For information about uninstalling the tune, see "Uninstalling - Returning to Stock" section in this manual.
2. For information about checking to see if the tune is installed, see "Show Settings" section in this manual.

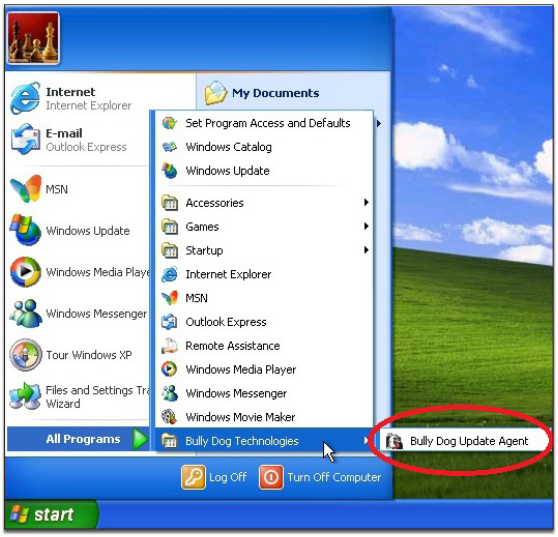
## Connect your Micro SD card to a computer with internet access

1. Connect the Micro SD card using a card reader.

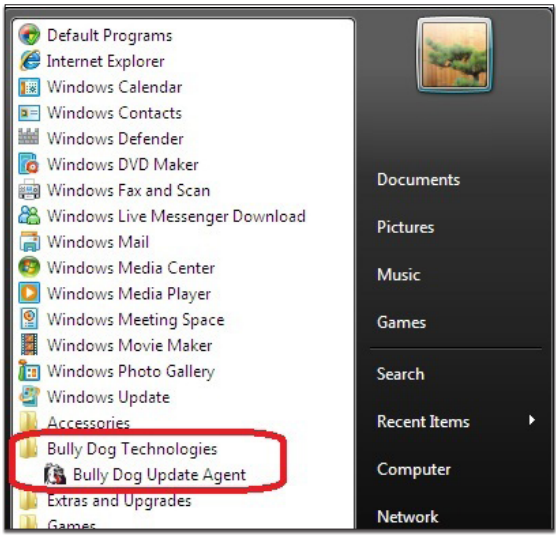
OR

2. Connect the GT Platinum with the Micro SD card installed by using a USB cable. Do not use the HDMI cable or the OBDII adapter plug to update the GT Platinum.
3. Download and install the Update Agent application.

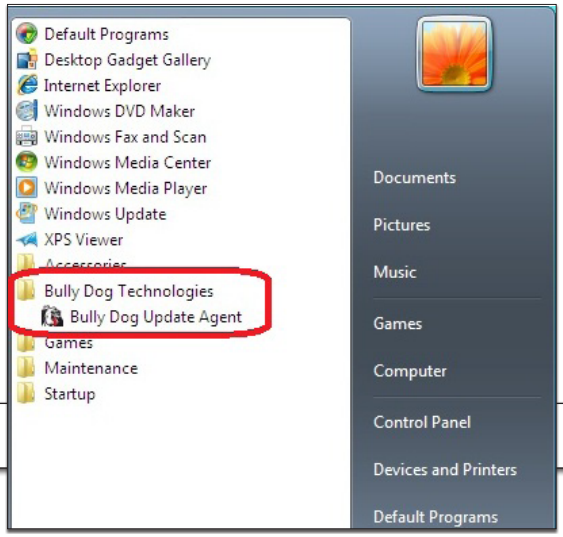
- If it is already installed, skip to step 5. You can see if it is already installed by checking your Start Menu under All Programs. The Update Agent will be listed under the Bully Dog Technologies folder:




*Windows XP*




*Windows Vista*




*Windows 7*

**Note: If you don't have the Update Agent installed see the next page for details on how to download and install it from the internet.**

# UPDATING THE GT PLATINUM

(DETAILED STEPS FOR WINDOWS)

***The following instructions are intended for Microsoft Windows computers.***

4. You can download the installation file at *http://www.bullydog.com/update_agent.php*

- Save the file first, then run it. (If you try to run the file without saving, your computer will generate an error message).

- If you get pop-up messages asking for permission to install, click the buttons to let your computer finish installing the Update Agent.

# UPDATING THE GT PLATINUM

(DETAILED STEPS FOR WINDOWS)

5. Run the application.

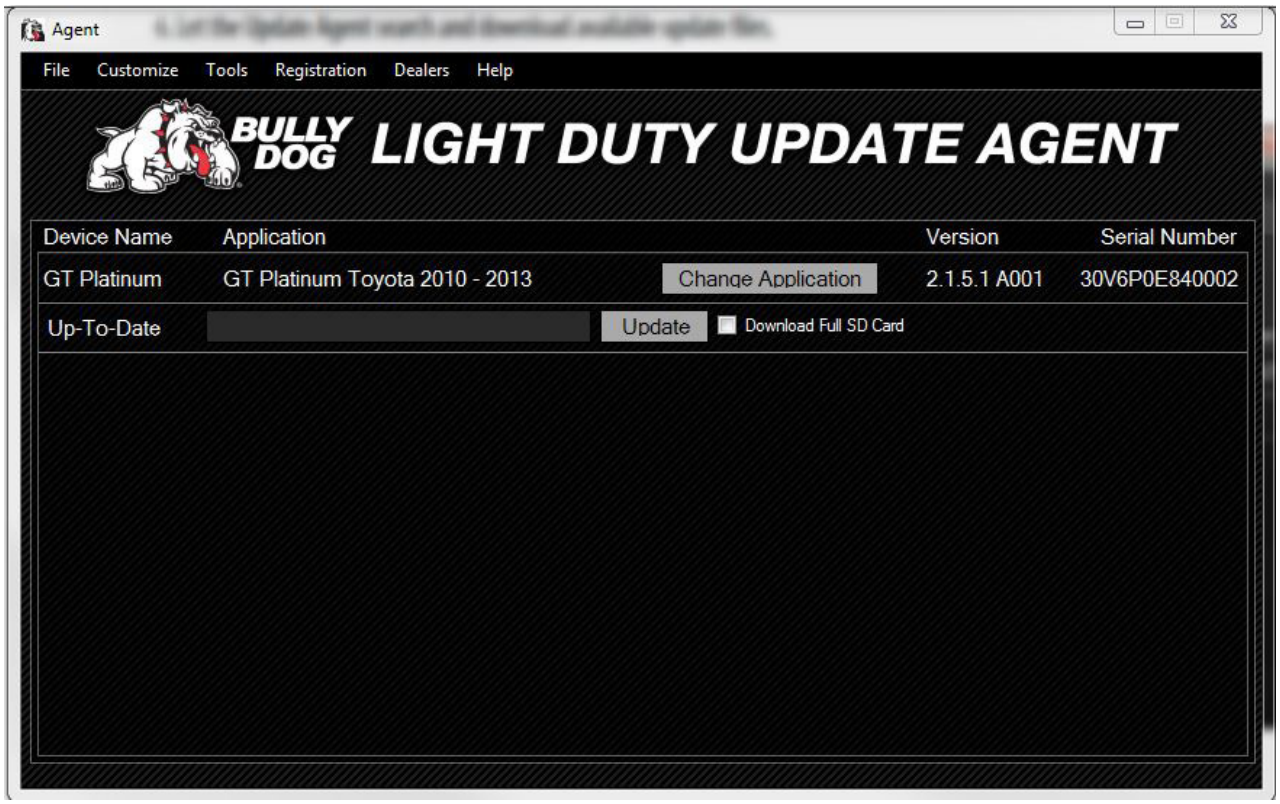
• If you have just installed it, the Agent may already be running.

- You can show the Update Agent by right-clicking the icon in the system tray at the bottom right corner of your screen, and then clicking **Show Agent**.
- Or you can stop the previous instance of the Update Agent and open a new one – either option is a winner.

• If you have already installed the application in the past, it should be listed under Bully Dog Technologies in your computer's list of All Programs. Just double-click the Update Agent icon in that folder to let it start.

6. Let the Update Agent search and download available update files.

7. Click the Update Button and let it write the update to the SD card.



# UPDATING THE GT PLATINUM

(DETAILED STEPS FOR WINDOWS)

8. NOTE: This step varies depending on how you have connected the Bully Dog to your computer.

• If you have the Micro SD card connected to the computer:

- Disconnect it from the computer and put it in the GT Platinum.
- Then turn the GT Platinum on by connecting it to a computer or to a vehicle and turning the key to the Run position.

• If you have the GT Platinum connected to the computer:

- Press the second key from the top on the left side to get out of USB mode.

OR

- Disconnect the GT Platinum from the computer, plug it in to your vehicle, and turn the key to the Run position.

9. Go to the Main Menu on your GT Platinum.

10. Go to the bottom of the menu and choose Update GT Software.

• If the Update GT Software option is not available on the Main Menu:

- Choose Update GT Firmware.

OR

- Scroll to the top and choose Change Vehicle, then select your vehicle from the list.

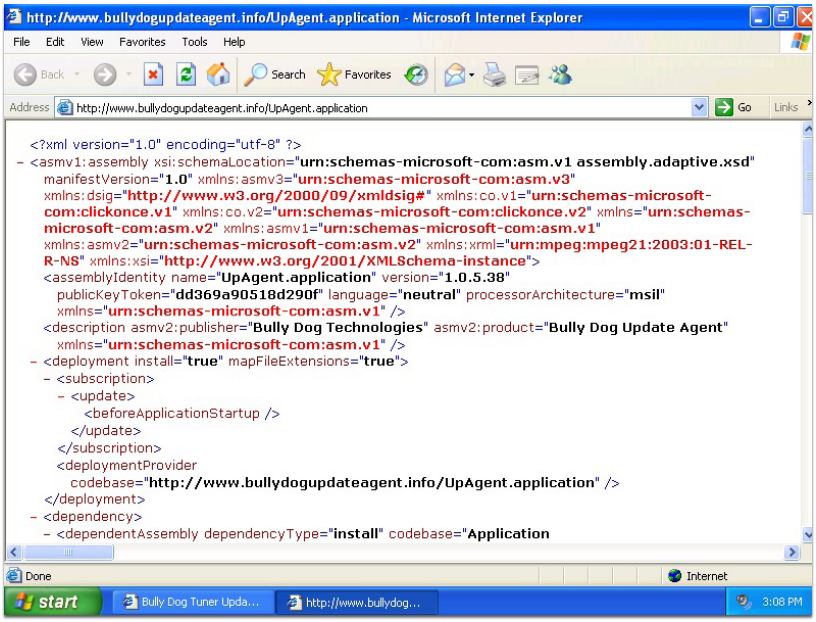
11. Confirm that you want to load the file.

12. Let the GT Platinum load the file and reboot. Do not disconnect it or turn it off during this part of the process.

**The GT Platinum has now been updated!**

# TROUBLESHOOTING UPDATING PROBLEMS

## The Update Agent Won't Install




**Q.** Why does my computer open a window full of weird symbols when I try to install the Update Agent?

**A.** Your computer is not up to date and you need to run Windows Update first.

# UPDATING YOUR GT PLATINUM

(DETAILED STEPS FOR APPLE)

**1. Return your vehicle to stock. See "Uninstalling - Returning to Stock" section for detailed instructions on this process.**

**2. Connect your Micro SD card to your computer.**

- Connect the Micro SD card using a card reader.

OR

- Connect the GT Platinumwith the Micro SD card installed by using a USB cable. Do not use the HDMI cable to update the GT Platinum.

**4. Go to the Bully Dog website and click on the link for Update Agent.**

- There are two locations for this link:
- Under Quick Links, on the lower right side of the home page
- Under Download, in the black toolbar on the upper right side of the home page.

**5. At the bottom of the page, under the heading for MACINTOSH USERS ONLY, click the link for GT Platinum. This will allow you to download the zipped file labeled GTUFiles.zip.**

**6. Find where your computer saved the file (it will most likely be in your Downloads folder).**

**7. Extract all the files in the GTUFiles.zip file.**

**8. Copy the contents of the extracted file directly onto your SD card.**

**9. Install the Micro SD card in your GT Platinum unit.**

**10. Connect your GT Platinum unit to your vehicle.**

**11. Choose the Update GT Software option from the Main Menu.**

- If the Update GT Software option is not available:

- Choose Update GT Firmware.

OR

- Scroll to the top of the Main Menu and choose Change Vehicle, then choose your vehicle from the list.

**12. Confirm that you want the GT Platinum to load the file.**

**13. Let the GT Platinum finish loading the file and rebooting – be sure not to disconnect it or interrupt power in any other way during this part of the process.**

**The GT Platinum has now been updated!**

# PHYSICAL INSTALLATION

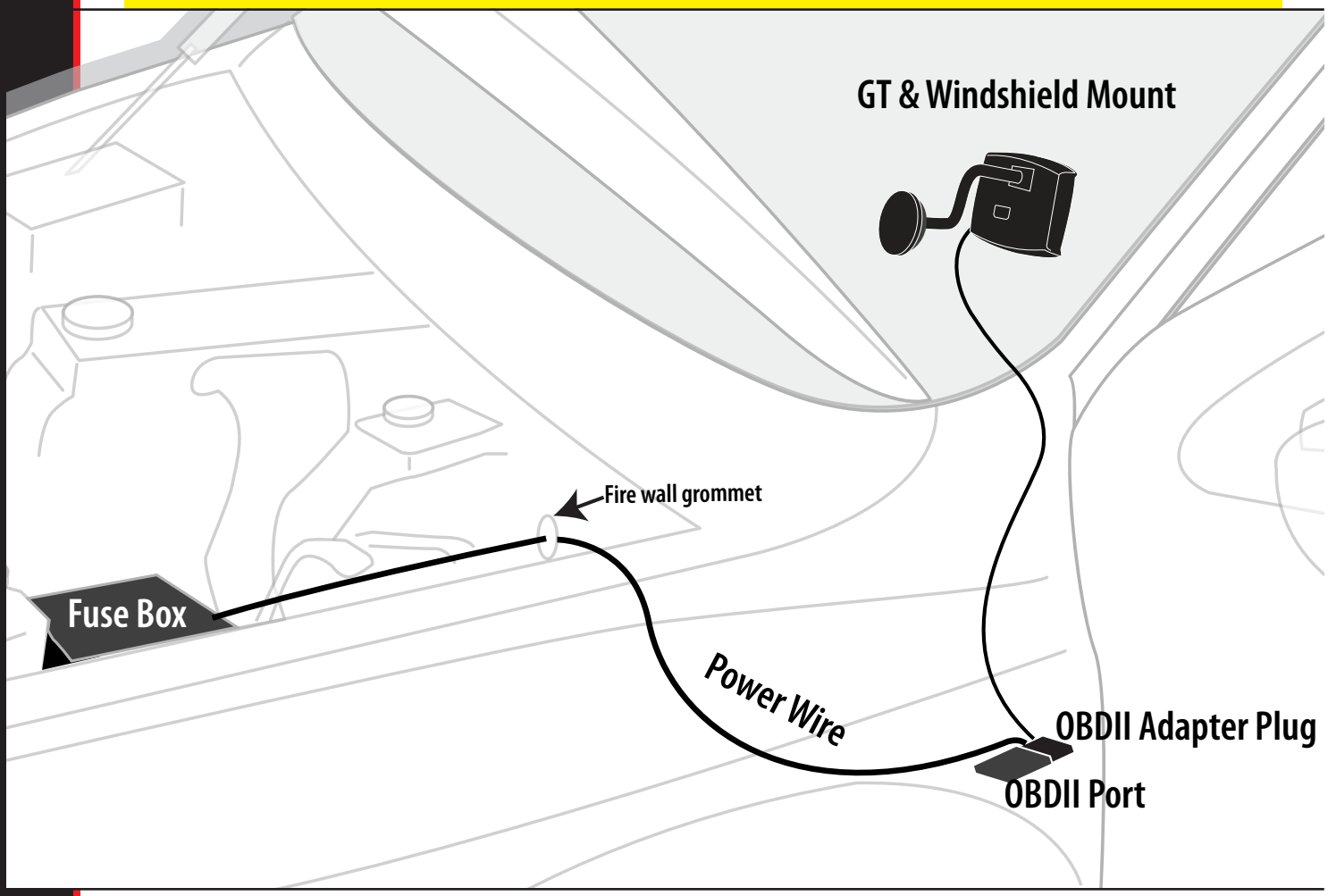
**Be sure to check the list and description of included parts in the "Parts List" section of this manual.**

## Brief Preview

**This is a quick list of the basic installation steps. You can find more specific information about each step in the next section.**

1. Connect the OBDII adapter plug to the port under the dash.
2. Plug in the power cable to the fuse box and connect it to the adapter plug.
3. Run the HDMI cable under the dash.
4. Mount and connect the GT Platinum.

**The illustration below shows how to install the power wire if there is no fuse box available inside the cab of the vehicle. If a fuse box is available inside the cab, there is no need to run the power wire through the firewall into the engine bay.**

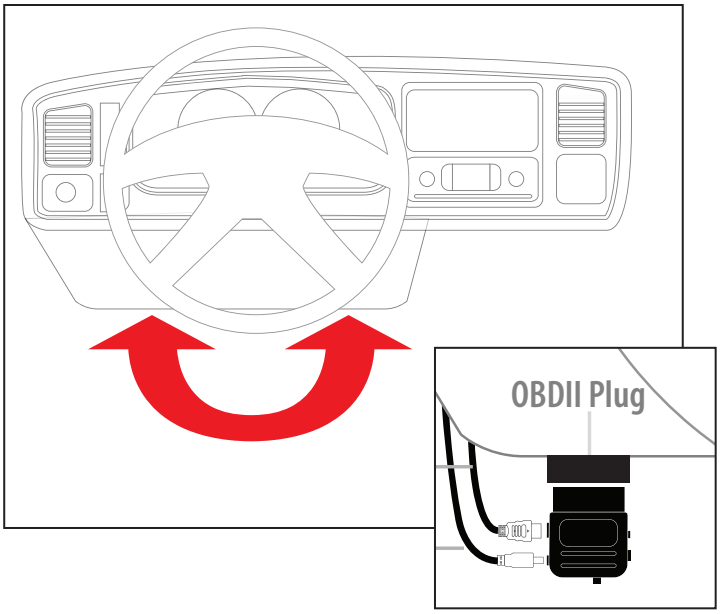


# PHYSICAL INSTALLATION

## Detailed Instructions

**1. Connect The OBDII Adapter Plug to the OBDII Port.**

- Find the OBDII port in your vehicle. As shown in the illustration, the specific location of the port can vary between different vehicles, but it is always somewhere under the driver's side dash. The OBDII port will have the same shape as the end of the adapter plug.
  - Once you have found the port, simply connect the adapter plug to it.




**2. Connect The Power Cable. The power cable is not really optional if you want to enjoy the originally designed functions of the GT Platinum. It is only optional under one of the following circumstances:**

You do **not** want to keep the GT Platinum permanently installed and plan on disconnecting it when you are not actively using the unit.

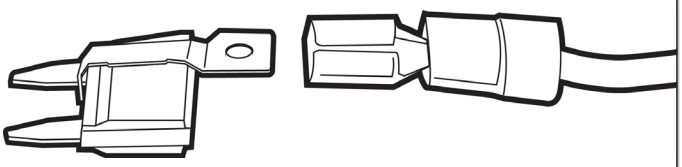
You **want** the GT Platinum to remain on at all times, regardless of the effect that this could have on your car battery

You prefer physically switching the GT Platinum on and off and do not want it to automatically power down when you turn the key to the off position.

**Otherwise, in order for the GT Platinum to work as originally designed, it is very important for the power cable to be installed as described below:**

1. Locate an ignition fuse.
   - An ignition fuse is one that is controlled by the position of the key.
   - Sometimes we call this a "key-on" or "key-off" fuse.
   - The fuse that controls the front windshield wiper is usually perfect, but any fuse that turns off when the key is turned off will work just fine.
   - Every vehicle is different. There is no way to provide wiring diagrams for all vehicles. You will be able to find the information for your vehicle in the owner's manual or online.
   - Some vehicles have a fuse box inside the cab. If your vehicle does not have a fuse box inside the cab, you will need to locate the fire wall and connect the power cable to the fuse box under the hood.

2. Connect the power cable to the fuse.
   - You may have received a fuse tap with your GT Platinum. See below for an illustration and instructions on using the fuse tap to install the power cable.
   - You can also simply put the power cable into the fuse box along with the fuse that is normally installed in that location. See the diagram and picture for more information.
   - If you did not receive a fuse tap, but prefer to use one to install your power cable, you can purchase one at your local auto parts store. Be sure to ask for installation instructions if none are included with the fuse tap.



**Using the Fuse Tap and Spade**

1. Find and pull the fuse that you are going to use to insert the GT Platinum Power Cable.
2. Slip the fuse tap over the prong on the fuse.
3. Fit the spade over the fuse tap and crimp them together with pliers.
4. Put the tapped fuse back into the fuse box.

# PHYSICAL INSTALLATION

## Detailed Instructions (Continued)

**3. Run the HDMI cable under the dash.**

*This step helps you install the HDMI cable in a way that is discreet, stylish, and that helps to protect the GT Platinum*

1. Plug one end of the HDMI cable into the port on the OBDII adapter plug.
2. Run the middle of the cable up through the dash on the driver's side so that the end of the cable comes out near the A-pillar.
   - It may be necessary to temporarily remove the weather stripping and dash panel to successfully hide the HDMI cable under the dash.
3. Make sure that there is enough slack in the cable to connect the GT Platinum when it is in the mount.

**4. Connect and Mount the GT Platinum**

1. Install the mount that you have chosen. If you are using the Universal Windshield Mount included with the GT Platinum, see the installation instructions in the next section.
2. Connect the HDMI cable to the GT Platinum.
3. Secure the GT Platinum to the mount.

## Using the Universal Windshield Mount

**IMPORTANT NOTE: Safety is your first and most important responsibility as a driver. Safety is also your first and most important concern when placing your GT Platinum. Make sure the GT Platinum does not create blind spots or distract the driver.**

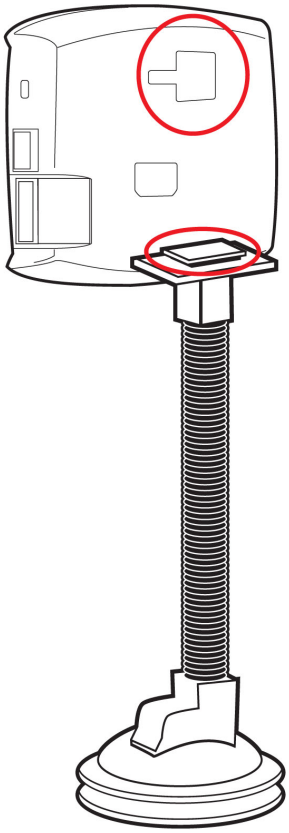
**1. Locate the T-shaped socket on the back of the GT Platinum.**

**2. Place the square top of the Universal Windshield Mount into the square part of the T-shaped socket on the GT Platinum.**

**3. Slide to the left to secure the GT Platinum to the mount.**

**4. Place the suction cup against the windshield and use the lever to secure the mount to the windshield.**

**You will find information about alternative mounting options on the following pages.**



# ADDITIONAL MOUNTING OPTIONS

Bully Dog has created alternative mounting solutions which will allow you to mount your GT Platinum in even more convenient locations.

## RAM Mirror-Mate

**Part Numbers: 31600 and 33600**

The RAM Mirror-Mate mounting kit will allow you to mount your GT Platinum directly beneath your rearview mirror. This heavy-duty mounting solution provides easy and intuitive access to your GT Platinum without blocking the driver's view.

You can find more information about the Mirror Mate by clicking the link below:

http://www.bullydog.com/product_listing.php?prodlist=RAM%20Mounts

## RAM Suction Cup Mounting Kit

**Part Number: 30600**

This kit is the best suction cup mount on the market. The amazing holding power will allow you to mount your GT Platinum to multiple surface materials in any vehicle – which means that you can try different places and find the best place for your GT Platinum to be at any time.

You can find more information about the RAM Suction Cup Mounting Kit by clicking the link below:

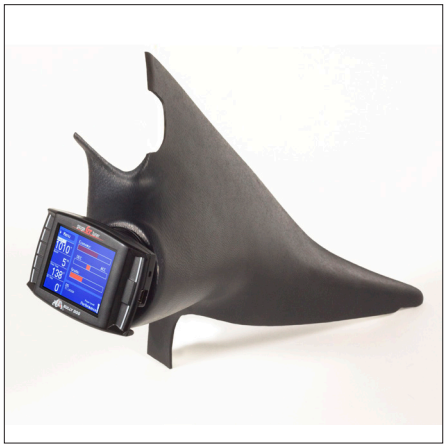
http://www.bullydog.com/product_listing.php?prodlist=RAM%20Mounts

## Pillar Mount Gauge Pods

Bully Dog also offers gauge pods, which will allow you to mount the GT Platinum on the pillar of your vehicle.

The gauge pods are vehicle specific, so you will need to get the part number that matches your vehicle make and year.

Visit our website at http://www.bullydog.com/product_listing.php?prodlist=Gauge%20Pods for more information.



# INSTALLING THE TUNE

**In order to enjoy additional horsepower and other advantages of tuning your vehicle, you need to use the Install Download feature. The process is basically the same when you are installing, changing settings, or returning to stock.**

**CAUTION! This option actively reprograms the engine computer in your vehicle – if the process is interrupted because of poor preparation you will have problems which could prevent you from using the GT Platinum or even being able to drive your vehicle for a few days. In order to have the best installation experience possible, it is important to review the instructions and pay close attention to the preparation steps listed below:**

**Toyota® vehicle requires slightly different Preparation Steps, continue to the next section to find these preparation steps.**

## Important Preparation Steps

### Choosing an Appropriate Time and Place to Install

**Do NOT** install if you will need to use the vehicle to get somewhere soon.
- DO set aside at least an hour for this part of installation.
- Under optimal circumstances the installation can be completed in less than 30 minutes.
- If you encounter any problems, you will need at least an hour to resolve the problem.

**Do NOT** install if the vehicle is in a remote location.
- DO make sure that you have access to a phone and a computer with internet access.
- DO update the GT Platinum online by using the Update Agent before you try to install.
- You might need to connect to a computer to get special files from technical support if you encounter problems during the install.

**Do NOT** install if you do not have a way to contact technical support.
- DO make sure that you can contact Bully Dog technical support.
- Technical support is open Monday-Friday, 8 a.m. – 5 p.m., Mountain Standard Time.
- If you decide to install on Friday evening and encounter problems, you might not be able to use your vehicle until you are able to contact technical support on Monday.

### Managing Other Electronics

**DO** turn off all factory installed electronics inside the vehicle. This includes:
- Headlights, heater, air conditioning, stereo, DVD players, etc.
- Failing to turn off all electronics can prevent a successful download.

**DO** disconnect additional electrical appliances. Remove any chargers or electrical devices connected to:
- Cigarette lighters, USB ports, or other types of electrical outlets in the vehicle

**DO** disconnect any other aftermarket electronic device. This includes:
- Trailer brakes, stereo, alarm, CB, remote start, DPF delete, Sirius/XM satellite radio, etc.
- Any electrical device that was installed after the vehicle was released from the factory.
- Disconnect these items from the fuse box, or other power connection. You do not have to completely physically uninstall them; just make sure they are not getting power.

**Note: It is important to make sure that electrical devices are turned off or disconnected as described above during you are installing the GT Platinum tune to your vehicle. Once the download is installed, you can reconnect and turn on all of the electronics that you normally use.**

**IMPORTANT NOTE: It is not recommended to use the GT Platinum with any other electronic tuner designed to increase horsepower.**

# INSTALLING THE TUNE

## Important Preparation Steps (Continued)

### Make SURE that the Battery is Charged

DO make sure that your batteries are fully charged before beginning any download.

It is a good idea to have a battery charger ready to connect to your vehicle if the batteries begin to lose their charge while you are installing the download.

**IMPORTANT NOTE: It is very important that the tuner is not interrupted while it is writing to your engine computer – if the batteries die and the tune is interrupted, it could prevent you from being able to start your vehicle.**

### Make SURE the Tuner is Ready

DO complete an online update with the Bully Dog Update Agent.

This is a free application available on the Bully Dog website.

This requires a computer with internet access.

DO make sure that the tune has not already been installed.

1. Go to the Main Menu on the GT Platinum.
2. Choose the Show Settings option.
3. Check what is showing next to Download

If the GT Platinum shows Installed

- Connect the GT Platinum to the original vehicle and uninstall the tune.
- If this cannot be done, contact technical support for a reset – there is a mandatory fee for this service.

If the GT Platinum shows "Not Installed" you can continue with your preparations to install the download to your vehicle.

If the GT Platinum shows "Recovery", contact technical support for further assistance.

# Important Preparation Steps (for Toyota® vehicles)

**KEY CYCLES DISCLAIMER**

**IN ALL TOYOTA APPLICATIONS, IT IS VERY IMPORTANT THAT YOU DO NOT TURN THE KEY OFF AND ON UNLESS REQUESTED BY THE GT PLATINUM.**

**A KEY CYCLE IS WHEN YOU TURN THE KEY TO THE OFF POSITION, AND BACK TO THE RUN POSITION.**

**IF AT ANY POINT THE GT PLATINUM STOPS, READ ALL THE INFORMATION ON THE SCREEN TO SEE IF IT IS SAFE TO CYCLE THE KEY. IF THE SCREEN DOES NOT SAY TO CYCLE THE KEY, DO NOT CYCLE THE KEY, TRY TO START THE TRUCK, OR TURN THE KEY TO THE OFF POSITION UNTIL YOU HAVE CALLED TECH SUPPORT.**

## Choosing an Appropriate Time and Place to Install

**Do NOT** install if you will need to use the vehicle to get somewhere soon.

DO set aside at least an hour for this part of installation.
Under optimal circumstances the installation can be completed in less than 30 minutes.
If you encounter any problems, you will need at least an hour to resolve the problem.

D**o NOT** install if the vehicle is in a remote location.

DO make sure that you have access to a phone, electrical outlet and a computer with internet access.
DO update the GT Platinum online by using the Update Agent before you try to install.
You might need to connect to a computer to get special files from technical support if you encounter problems during the install.

**Do NOT** install if you do not have a way to contact technical support.

DO make sure that you can contact Bully Dog technical support.
Technical support is open Monday-Friday, 8 a.m. – 5 p.m., Mountain Standard Time.
If you decide to install on Friday evening and encounter problems, you might not be able to use your vehicle until you are able to contact technical support on Monday.

## Managing Other Electronics

**DO** turn off all factory installed electronics inside the vehicle. This includes:

Headlights, heater, air conditioning, stereo, DVD players, etc.
Failing to turn off all electronics can prevent a successful download.

**DO** disconnect additional electrical appliances. Remove any chargers or electrical devices connected to:

Cigarette lighters, USB ports, or other types of electrical outlets in the vehicle

**DO** disconnect any other aftermarket electronic device. This includes:

Trailer brakes, stereo, alarm, CB, remote start, DPF delete, Sirius/XM satellite radio, etc.

Any electrical device that was installed after the vehicle was released from the factory.

Disconnect these items from the fuse box, or other power connection. You do not have to completely physically uninstall them; just make sure they are not getting power.

## Make SURE all aftermarket fuses are removed

## Make SURE that the Battery is Charged

DO make sure that your batteries are fully charged before beginning any download.

It is a good idea to have a battery charger ready to connect to your vehicle if the batteries begin to lose their charge while you are installing the download.

## Make SURE the Tuner is Ready

DO complete an online update with the Bully Dog Update Agent.

This is a free application available on the Bully Dog website.

This requires a computer with internet access.

See "Updating the GT Platinum" section in this manual for instructions on updating the GT Platinum.

**IMPORTANT NOTE: It is not recommended to use the GT Platinum with any other electronic tuner designed to increase horsepower.**

## Removing Fuses (GMC/Chevrolet® vehicles only)

*This step is vital for successful installation on some vehicles, but not required on others*. **The following pages include information about which fuses need to be pulled to allow the GT Platinum to install the tune to the engine computer on specific vehicles. If the fuses are not pulled, the tune will most likely freeze during the install process. Fuses can be replaced after the tune installation has been completed.**

### GMC/Chevrolet '99-'02 4.8/5.3/6.0/8.1 Liter Engines

***Fuse Box Located Inside the Cab:***

#1 – SEO IGN (Special Eq. Options/Ignition)
#16 – SEO ACCY (Special Eq. Options/Accessories)
#29 – RD01 (Radio)
#30 – RAP2 (Relay Power)

***Fuse Box Located Under Hood:***

#60 – TBC (Body Computer)

### GMC/Chevrolet '03-'06 4.8/5.3/6.0/8.1 Liter Engines

***Fuse Box Located inside Cab:***

#16 – SEO ACCY (Special Eq. Options/Accessories)
#17 – TBC 2B (Body Computer)
#18 – TBC 2C (Body Computer)
#20 – TBC ACCY (Body Computer)
#23 – TBC 2A (Body Computer)

***Fuse Box Located Under Hood:***

#16 – TBC BATT (Body Computer)
#38 – TBC IGN1 (Body Computer)
#50 – Radio
#58 – INFO

### GMC/Chevrolet '11-'13 6.0 Liter Trucks

#15 – Body Control Module (BCM)
#16 – Accessory Power Outlets
#19 – Rear Seat Entertainment
#20 – Ultrasonic Rear Parking Assist, Power Liftgate
#22 – Driver Information Center (DIC)

### Chevrolet '11-'13 Cruze

#1 – Infotainment System/Hands-free Phone
#3 – Body Control Module
#4 – Infotainment System
#5 – Information Display/Parking Assist

### Chevrolet '12-'13 Sonic

#15 – OnStar
#16 – Ultrasonic Rear Park Assist
#17 – Driver Information Center
#18 – Audio
#21 - CHEVYSTAR

***Replace all fuses after the download is complete!***

# INSTALLING THE TUNE (GENERAL INSTRUCTIONS)

Toyota®, Jeep® and Hemi engine vehicles requires slightly different Preparation Steps, continue to the appropriate section to find these preparation steps.

## 1. Complete the Pre-install steps

- Update GT Platinum using Update Agent.
- Physical Installation -pages.
- Install tune preparations.

## 2. Turn your key to the Run position. (DO NOT start the engine)

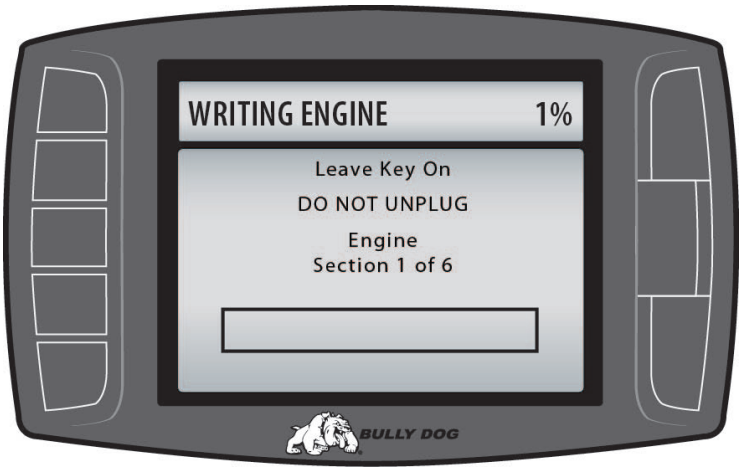
## 3. Go to the Main Menu

## 4. Choose Install Download

## 5. Follow the instructions on your Head Unit, which will include the following steps:

- You will need to turn your key to different positions and then press Continue.
  Do NOT start the engine when turning the key to the Run position, or at any other time when you are installing the tune.
- You may be prompted with choices for certain settings like the speed limiter. Many of these are vehicle specific.
- If there is a problem or the GT Platinum displays an error message, do not change anything and contact technical support immediately.

**IMPORTANT NOTE: There are certain times when disconnecting or interrupting power to the GT Platinum can interfere with the engine computer programming process. If the engine write is interrupted, the programming on your engine computer can be corrupted. This can cause your vehicle not to start and possibly even require the ECM to be replaced. The illustration below is an example of one of the times during the installation when it is vital that the power is not distrubed.**




## 6. The GT Platinum will indicate when it is finished & then reboot to the Main Gauge Display

- Once the tuner has rebooted to the Main Gauge Display, you can start and use your vehicle as you would normally.

# Troubleshooting Installation Problems

## Error During Installation

1. Make note of the code number and all information displayed on the screen.
2. Disconnect and update your GT Platinum.
3. Make sure that you have disconnected all aftermarket electronics and completed all of the important preparation steps.
4. Try to install the download again.
5. If the error occurs again, contact technical support.

This troubleshooting procedure applies to all errors, including the following code numbers: 0, 141, 325 (on a 2011 Duramax), 358, 393

## Gets Stuck on "Turn Key to Run"

1. Make sure that the key is turned as far as possible without turning the engine on.
2. Turn the key to the Off position, then turn it back to the On position.
3. Jiggle the key.
4. Disconnect the GT Platinum.
5. Update the GT Platinum if this has not already been done.
6. Reconnect the GT Platinum.
7. Make sure that all aftermarket electronics are disconnected from the vehicle.
8. Pull fuses if necessary for your vehicle.
9. Try installing a battery charger to maintain voltage. (This step can solve many problems, even if your battery is new and fully charged).
10. Try to install the download again.
11. If the error occurs again, contact technical support.

## GT Platinum Freezes in the Middle of the Download.

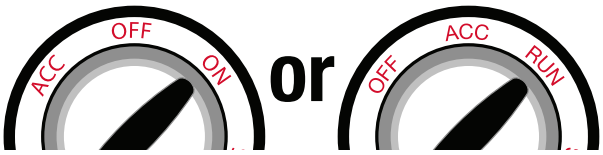
Try installing a battery charger to maintain voltage. (This step can solve many problems, even if your battery is new and fully charged).

# INSTALLING THE TUNE (TOYOTA VEHICLES)

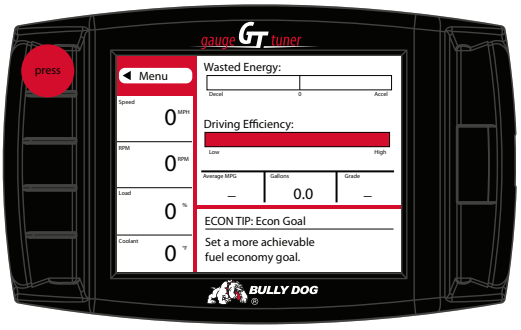
**IMPORTANT NOTE: Steps 1-9 must be completed with/inside the vehicle.**

## 1. Turn the key to the "on" (or "run") position.

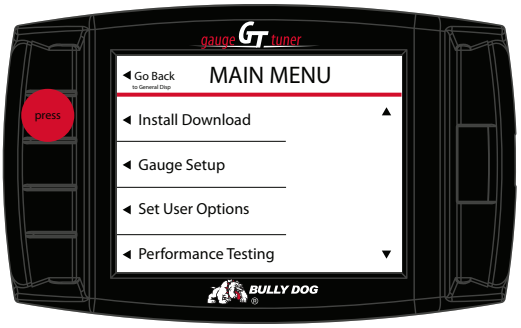
a. Do NOT start the engine.



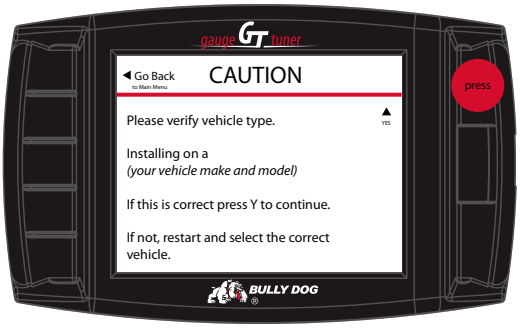

## 2. Go to the Menu (top left button).




## 3. Choose Install Download.




## 4. Verify the vehicle type and press YES (top right button).



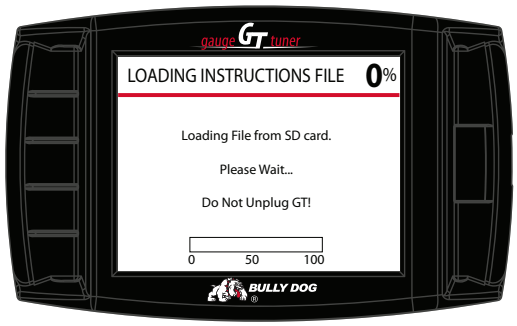

## 5. Read the disclaimer and press AGREE.

## 6. Read the download requirements, press MORE and press CONTINUE.

## 7. Read the entire Key Cycle disclaimer, pressing MORE to scroll and pressing CONTINUE to accept.

# INSTALL THE TUNE (TOYOTA VEHICLES)

8. Read the battery charger screen, press MORE and press CONNECTED when the charger is connected.




9. Ensure key is in the RUN or ON position and press CONTINUE

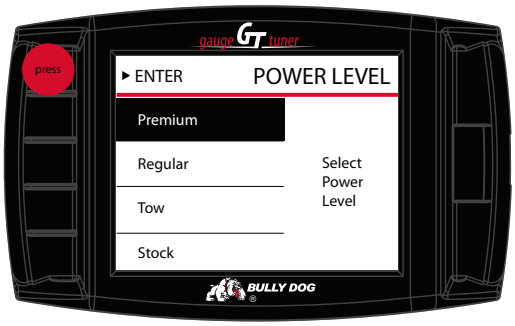
**Check battery and connect charger if needed. If output is ≤12V, installation will not continue until at least 12.1V is available.**

10. Once data is retrieved, turn the key to OFF and press CONTINUE.

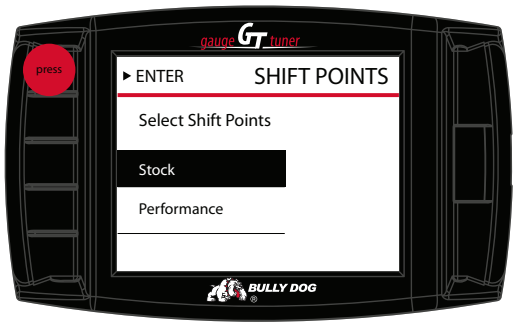
11. If the tuning screen below appears, skip to 22. Otherwise continue to 12.

12. Read the Tune Selection screen and press CONTINUE.

13. Select tune.




(This screen is displayed for only certain vehicles.)

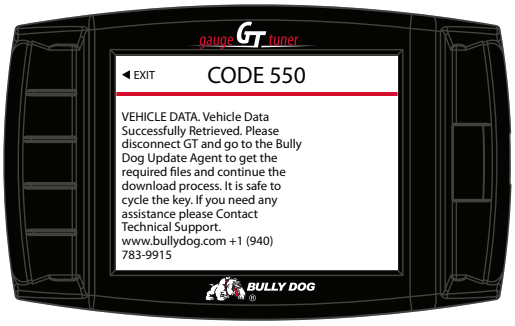


# INSTALL THE TUNE (TOYOTA VEHICLES)

(This screen is displayed for only certain vehicles.)

14. Tune has been set up. Up to 3 tunes may be configured. The tunes are labled in the order that they were created, "A", "B", and "C". Power levels for these tunes can be duplicated

If setting up additional tunes, select YES and go back to 13. Otherwise, proceed to 15.

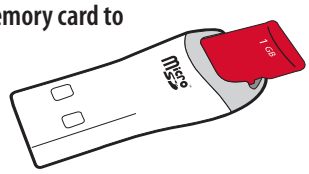



15. The code below will display when vehicle data has been successfully retrieved and the GT Platinum needs to be connected to the Update Agent.

**Unplug your GT Platinum. Steps 16-18 must be completed outside the vehicle on a computer with Internet access.**

16. Open the Bully Dog Update Agent on your PC. (see step C-1).

17. Connect the microSD memory card to your PC. (see step C-2b).




18. Retrieve the tuning files by clicking START. The Update Agent will display a progress bar. Click OK when the process is complete.

**IMPORTANT NOTE: Steps 19-20 must be completed with/inside the vehicle.**

19. Reinstall the microSD memory card into the GT Platinum.

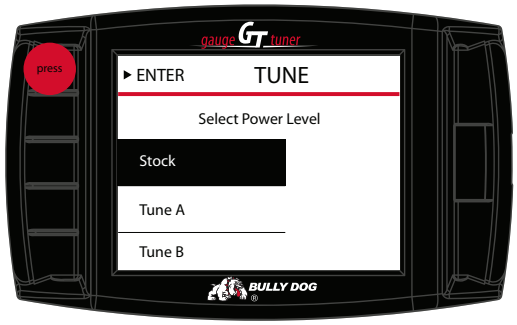
20. Connect HDMI to GT Platinum. (see step D-3).

21. Go Back to STEP 1.

22. Read Tune Selection explanation, tap MORE and press CONTINUE.

# INSTALL THE TUNE

23. Select the tune you would like to install and press ENTER.




The tune chosen will display its selected parameters. If they appear correct, select YES and proceed to 24.

24. Ensure key is in the RUN position and press CONTINUE.

25. Check battery and connect charger if needed. If output is ≤12V, install will not continue until at least 12.1V is available.

26. Once at least 12.1V is available, download will begin. Please wait without turning the key at all, even if you suspect there is a problem. If you need assistance, call technical support at 940-783-9915.

27. The download is complete. Cycle the key to OFF and press CONTINUE.

Drive your vehicle for at least 10 minutes, starting and stopping regularly to allow time for your vehicle to adjust.

# Troubleshooting Installation Problems (Toyota® vehicles)

## Error During Installation

1. DO NOT TOUCH THE KEY UNLESS DISPLAY SCREEN SAYS TO.
2. Make note of the code number and all information displayed on the screen.
3. Disconnect and update your GT Platinum.
4. Try to install the download again.
5. If the error occurs again, contact technical support.

This troubleshooting procedure applies to all errors, including the following code numbers: 0, 141, 325 (on a 2011 Duramax), 358, 393

**KEY CYCLES DISCLAIMER**

**IN ALL TOYOTA APPLICATIONS, IT IS VERY IMPORTANT THAT YOU DO NOT TURN THE KEY OFF AND ON UNLESS REQUESTED BY THE GT PLATINUM.**

**A KEY CYCLE IS WHEN YOU TURN THE KEY TO THE OFF POSITION, AND BACK TO THE RUN POSITION.**

**IF AT ANY POINT THE GT PLATINUM STOPS, READ ALL THE INFORMATION ON THE SCREEN TO SEE IF IT IS SAFE TO CYCLE THE KEY. IF THE SCREEN DOES NOT SAY TO CYCLE THE KEY, DO NOT CYCLE THE KEY, TRY TO START THE TRUCK, OR TURN THE KEY TO THE OFF POSITION UNTIL YOU HAVE CALLED TECH SUPPORT.**

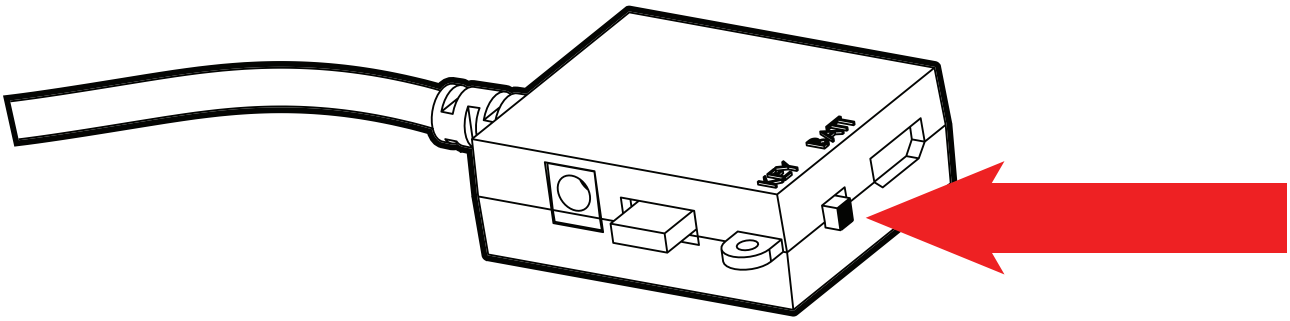
# INSTALL THE TUNE (HEMI ENGINE VEHICLES)

## Overview

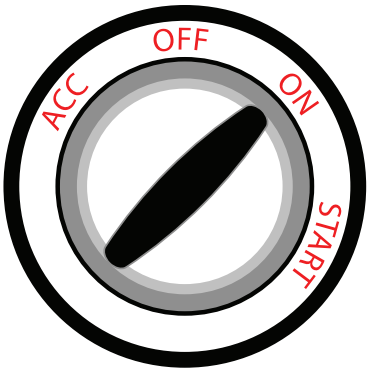
1. Physically install the GT Platinum.
2. Prepare to install the tune.
3. Slide the adapter plug switch to BATT.
4. Turn the key to the “run” (or “on”) position.
5. Choose Install Download from the Main Menu.
6. Follow the onscreen prompts to complete the tune installation.

## Detailed Instructions

1. Physically install the GT Platinum.
2. Prepare to install the tune.
3. Slide the adapter plug switch to **BATT**.




4. Turn the key to the “run” (or “on”) position.

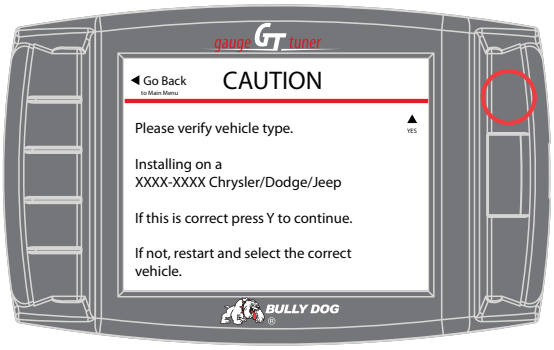



**OR**

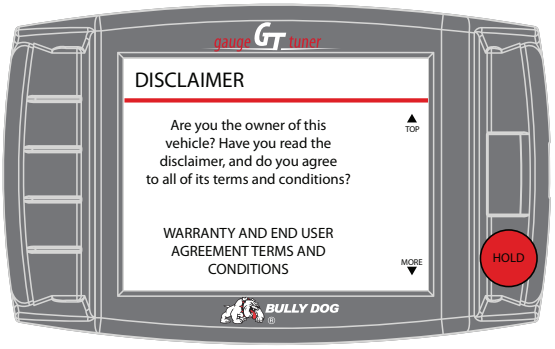
5. Choose **Install Download** from the Main Menu.

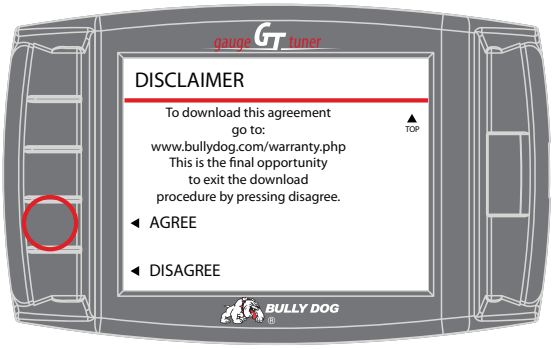
# INSTALL THE TUNE (HEMI ENGINE VEHICLES)

6. Verify that the correct vehicle type is selected and then press **YES**.

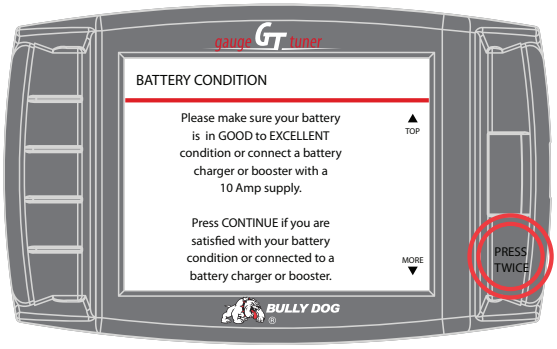


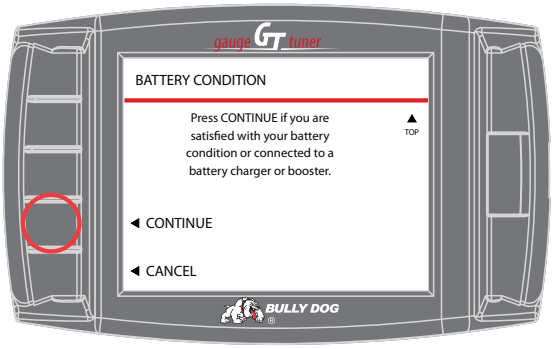

7. Read the disclaimer and press **AGREE**.



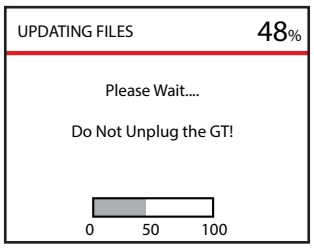




8. Read the battery disclaimer and press **CONTINUE**.



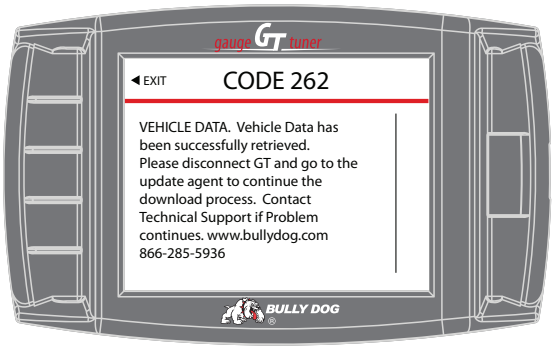

9. The GT Platinum will update files.
   - Do **NOT** unplug the GT Platinum!



# INSTALL THE TUNE (HEMI ENGINE VEHICLES)

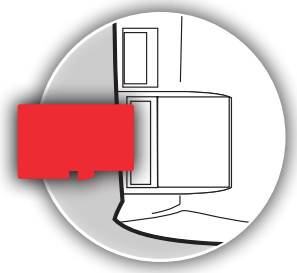
10. The GT Platinum will prompt you to turn the key to the **RUN** position.
    a. Make sure the key is in the "run" (or "on") position.
    b. Do **NOT** start the engine.
    c. Press Continue.

11. Code 262; proceed to the next step
    a. If the GT Platinum does not display code 262, skip to step 16.




12. Remove the microSD memory card from the GT Platinum.

**Steps 13-15 must be completed outside the vehicle on a computer with Internet access.**



13. Open the Bully Dog Update Agent.
14. Connect the microSD memory card to the computer.
    a. Use the included card reader and a USB port on the computer.
15. The Update Agent will display a progress bar as it gathers files.
    a. When the Update Agent displays a message that the process is complete, click OK.
    b. Return back to step 4

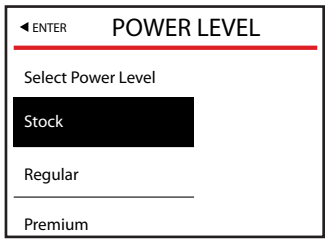
## 16. Download Features

- The GT Platinum will prompt you to select settings for the "Download Functions"
- Some functions are not available for every vehicle.

# INSTALL THE TUNE (HEMI ENGINE VEHICLES)

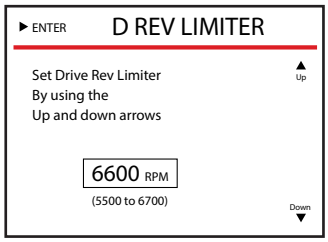
## A. Power Level

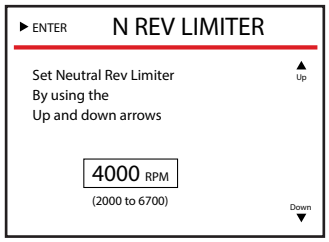
- Choose the option that matches the type of fuel in the gas tank.
- **Premium:** 91+ octane; up to 35 lbs. additional peak horsepower and up to 40 additional peak torque
- **Regular:** 85+ octane; 15-20 additional peak horsepower and 15-20 additional peak torque
- **Stock:** Original factory horsepower settings. (This option enables the GT Platinum Special Functions without changing engine performance.)




## B. Rev Limiter

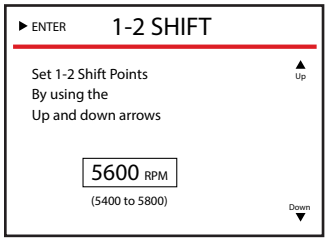
- Limit how fast (in RPMs) the engine will run.
- **D REV LIMITER (Drive):** Set the maximum engine speed while the vehicle is in gear.
- **N REV LIMITER (Neutral):** Set the maximum engine speed while the vehicle is in Park or Neutral.

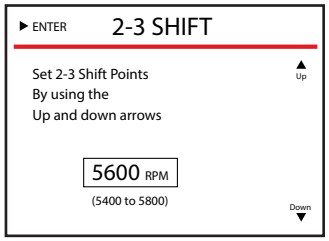



## C. Shift Points (Select Vehicles)

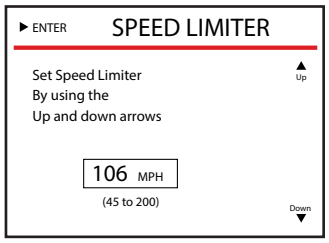
- Change the RPMs at which an automatic transmission will change gears.
- **1-2 SHIFT:** Set the shift point between the first and second gears.
- **2-3 SHIFT:** Set the shift point between the second and third gears.



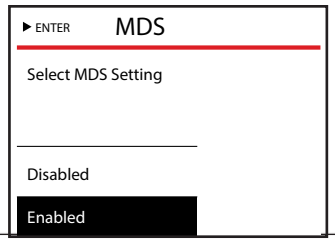

## D. Speed Limiter

- Change the top speed that the vehicle will reach before the engine automatically limits the power needed to go faster.




## E. MDS (Select Vehicles)

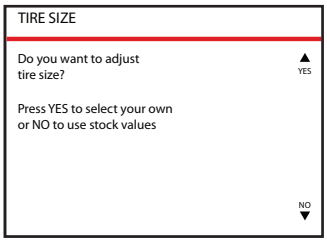
- Enable or disable 4-cylinder mode multi-displacement).

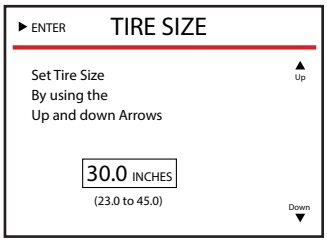


# INSTALL THE TUNE (HEMI ENGINE VEHICLES)

### F. Tire Size

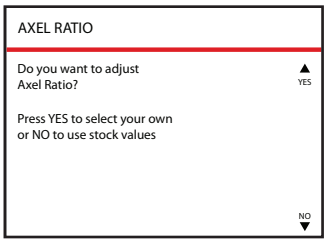
- Set the tire size; correct the vehicle speedometer if you have changed your tire size from stock.

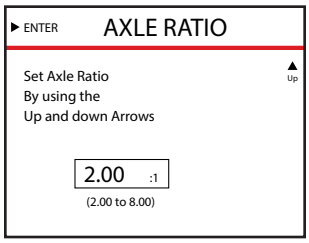


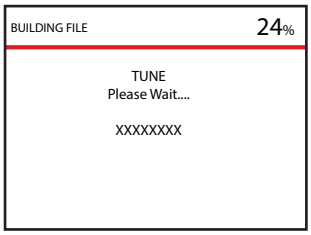

### G. Axle Ratio

- Set the axle ratio; correct the vehicle speedometer if you have changed the gear ratio from stock.

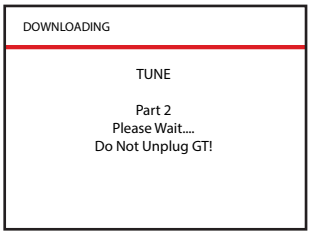


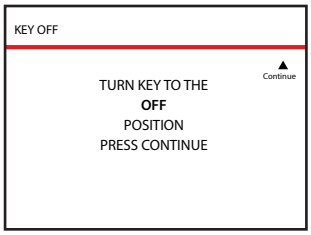

17. The GT Platinum will build the tuning file.




18. The GT Platinum will download the tuning file.
    - Do **NOT** disconnect or interrupt the GT Platinum.

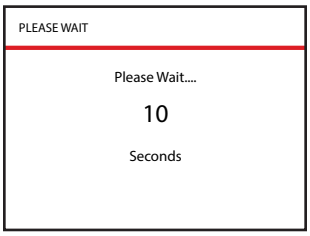



19. The GT Platinum will prompt you to turn the key to the **OFF** position.
    - Do **NOT** disconnect or interrupt the GT Platinum.



# INSTALL THE TUNE (HEMI ENGINE VEHICLES)

- Turn the key to “off” and press **Continue**.The GT Platinum will display countdown timers. Follow instructions on the screen.




20. The GT Platinum will complete the download.
    - Press Continue and wait for the GT Platinum to reboot.

***The installation is complete!***

## Troubleshooting Installation Problems

### Error During Installation

1. Make note of the code number and all information displayed on the screen.
2. Disconnect and update your GT Platinum.
3. Make sure that you have disconnected all aftermarket electronics and completed all of the important preparation steps.
4. Try to install the download again.
5. If the error occurs again, contact technical support.
6. This troubleshooting procedure applies to all errors, including the following code numbers: 0, 141, 325 (on a 2011 Duramax), 358, 393

### Gets Stuck on “Turn Key to Run”

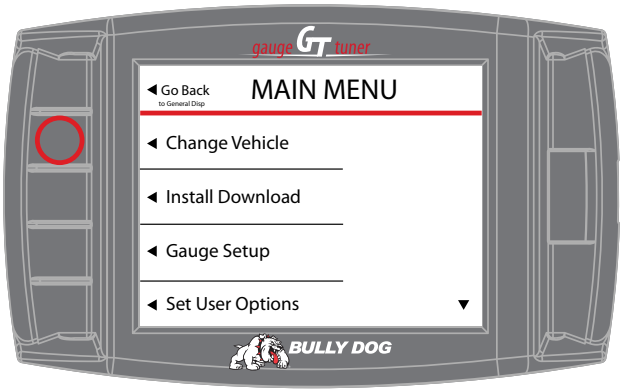
1. Make sure that the key is turned as far as possible without turning the engine on.
2. Turn the key to the Off position, then turn it back to the On position.
3. Jiggle the key.
4. Disconnect the GT Platinum.
5. Update if this has not already been done.
6. Reconnect the GT Platinum.
7. Make sure that all aftermarket electronics are disconnected from the vehicle.
8. Try installing a battery charger to maintain voltage. (This step can solve many problems, even if your battery is new and fully charged).
9. Try to install the download again.
10. If the error occurs again, contact technical support.

### GT Platinum Freezes in the Middle of the Download.

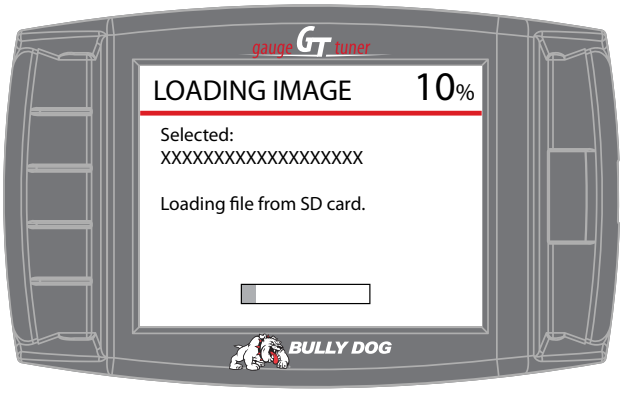
Try installing a battery charger to maintain voltage. (This step can solve many problems, even if your battery is new and fully charged).

# INSTALLING THE TUNE (JEEP® VEHICLES)

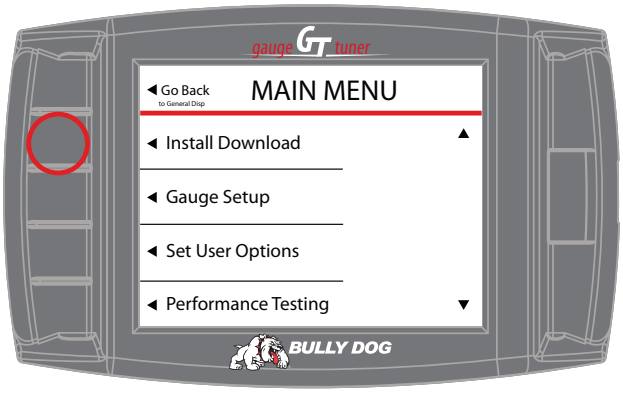
1. Turn the key to the “on” (or “run”) position.
   - Do **NOT** start the engine.
2. Choose **Change Vehicle** from the Main Menu.




3. Select the vehicle model, engine and year.
   - The GT Platinum will load files and restart.




4. Choose **Install Download** from the Main Menu.

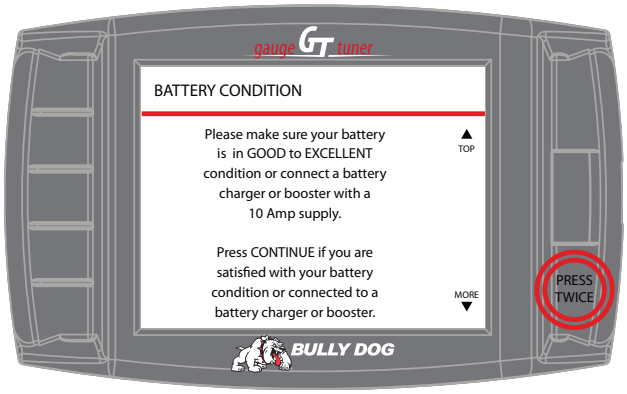


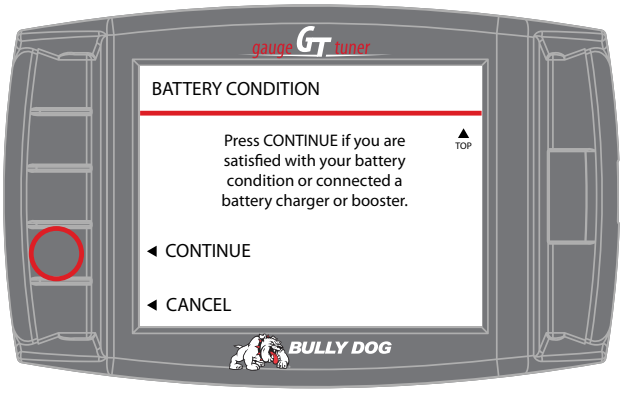
# INSTALL THE TUNE (JEEP VEHICLES)

5. Verify the vehicle type.
   - Press **YES** to continue.

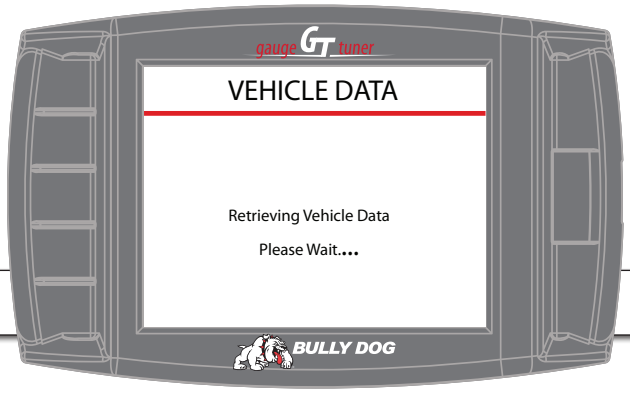
6. Read the disclaimer and press **AGREE** to continue.

7. Read the battery disclaimer and press **CONTINUE**.



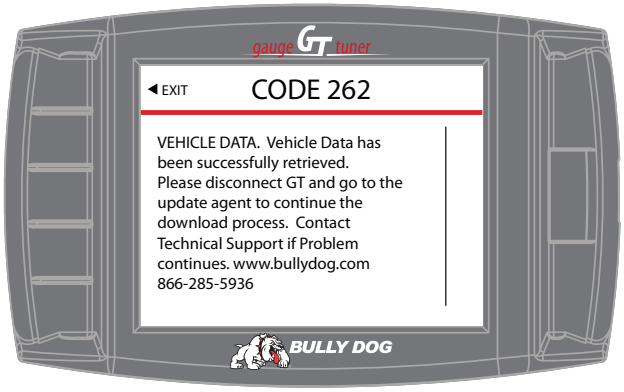




8. The GT Platinum will retrieve vehicle data.

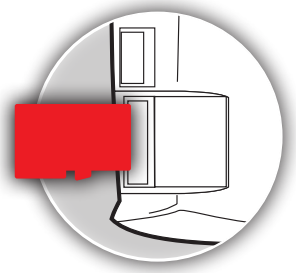


# INSTALL THE TUNE (JEEP VEHICLES)

9. The GT Platinum will display code 262.
   - If the GT Platinum does not display code 262, skip to step 20.




10. Remove the microSD memory card from the GT Platinum.



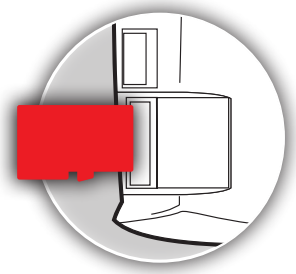
**Steps 11-13 must be completed outside the vehicle on a computer with Internet access.**

11. Open the Bully Dog Update Agent app.
    - www.BullyDog.com/updateagent.php
12. Connect the microSD memory card to the computer.
    - Use the included card reader and a USB port on the computer.

13. The Update Agent will display a progress bar as it gathers files.
    - When the Update Agent displays a message that the process is complete, click **OK**.

**Steps 14-23 must be completed with/inside the vehicle.**

14. Reinstall the microSD memory card in the GT Platinum.

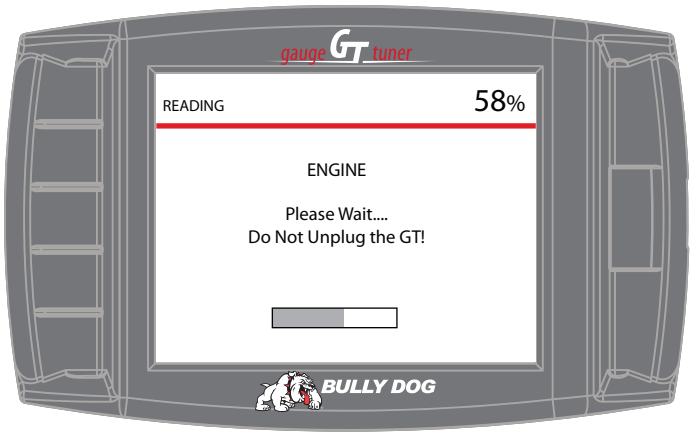


# INSTALL THE TUNE (JEEP VEHICLES)

15. Choose **Install Download** from the Main Menu.
16. Read the disclaimer and press **AGREE**.
17. Read the battery disclaimer and press **CONTINUE**.
18. The GT Platinum will begin the initial download.
    - This will take several minutes.
    - Do not interrupt the GT Platinum.
    - Follow the onscreen instructions.

19. Once the GT Platinum has completed the initial download, skip to step 21.

20. The GT Platinum will read the engine files.
    - This will take several minutes.
    - Do not interrupt the GT Platinum.
    - Follow the onscreen instructions.

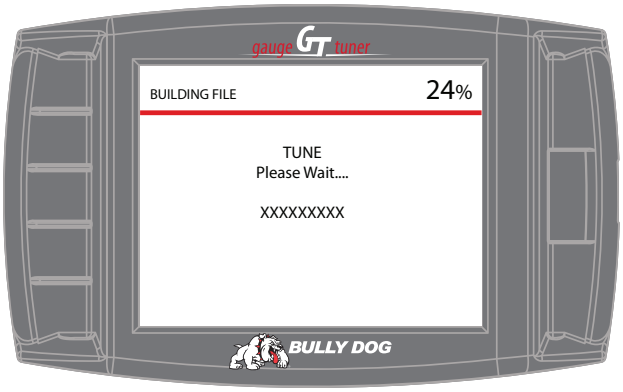


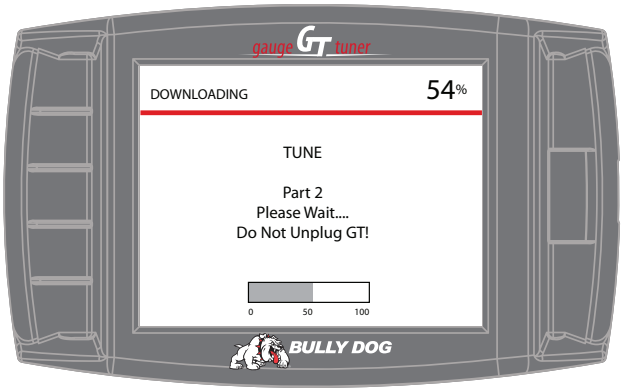
# INSTALL THE TUNE (JEEP VEHICLES)

21. The GT Platinum will prompt you to specify the following tuning features:
    - Power Level
    - Drive Rev. Limiter
    - Neutral Rev. Limiter
    - Speed Limiter
    - MDS (if available)
    - Adjust WOT Shift Points (if available, automatic transmissions only)
    - Tire Size
    - Axle Ratio

For more information about Jeep Special Functions, check the "Special Functions for Jeep vehicles" section.

22. The GT Platinum will build and download the tuning file.
    - Do not interrupt the GT Platinum.




23. When the GT Platinum has finished installing the tuning file, the download is complete!
    - Slide the switch on the adapter plug to “KEY”

# INSTALL THE TUNE (JEEP VEHICLES)

## Troubleshooting Installation Problems

### Error During Installation

1. Make note of the code number and all information displayed on the screen.
2. Disconnect and update your GT Platinum.
3. Make sure that you have disconnected all aftermarket electronics and completed all of the important preparation steps.
4. Try to install the download again.
5. If the error occurs again, contact technical support.

This troubleshooting procedure applies to all errors, including the following code numbers: 0, 141, 325 (on a 2011 Duramax), 358, 393

### Gets Stuck on "Turn Key to Run"

1. Make sure that the key is turned as far as possible without turning the engine on.
2. Turn the key to the Off position, then turn it back to the On position.
3. Jiggle the key.
4. Disconnect the GT Platinum.
5. Update if this has not already been done.
6. Reconnect the GT Platinum.
7. Make sure that all aftermarket electronics are disconnected from the vehicle.
8. Try installing a battery charger to maintain voltage. (This step can solve many problems, even if your battery is new and fully charged).
9. Try to install the download again.
10. If the error occurs again, contact technical support.

### GT Platinum Freezes in the Middle of the Download.

Try installing a battery charger to maintain voltage. (This step can solve many problems, even if your battery is new and fully charged).

# UNINSTALLING - RETURNING TO STOCK

## What does this mean?

**"Uninstalling the Tune" and "Returning to Stock" are different ways to describe the same thing: writing the original (stock) information to the engine computer so it uses the settings that it used before you installed your GT Platinum. Doing this also sends a signal to the GT Platinum to let it know that it is no longer installed on a vehicle, which will allow you to install the tune at a later time. The GT Platinum will not allow you to install if the tune has already been installed on a vehicle.**

## When to Return to Stock

**You should return to stock in ALL of the following situations:**

- EVERY TIME you take your vehicle in for any type of service. It is a very common practice for the engine computer to be "flashed" (re-programmed) during all types of service, even routine maintenance. If the tune from the GT Platinum is still installed when the engine computer is flashed, it can cause problems when you want to use your GT Platinum in the future.
- If you want to install the GT Platinum on a different vehicle. For instance

  If you have a second vehicle and want to try the GT Platinum on it. The GT Platinum can only be used on one vehicle at a time.

  If you want to let a friend try the GT Platinum.

  If you have decided to sell the GT Platinum to someone else.
- If the battery is having problems and could possibly go dead. Make sure to connect a battery charger while returning to stock to prevent any complications that can be caused by interrupting the GT Platinum while it is returning your vehicle to stock.
- If you need to disconnect the battery for any reason.

**IMPORTANT NOTE: If you do not return your vehicle to stock, you may have to call in to technical support to have your GT Platinum reset. There is a mandatory fee for this service.**

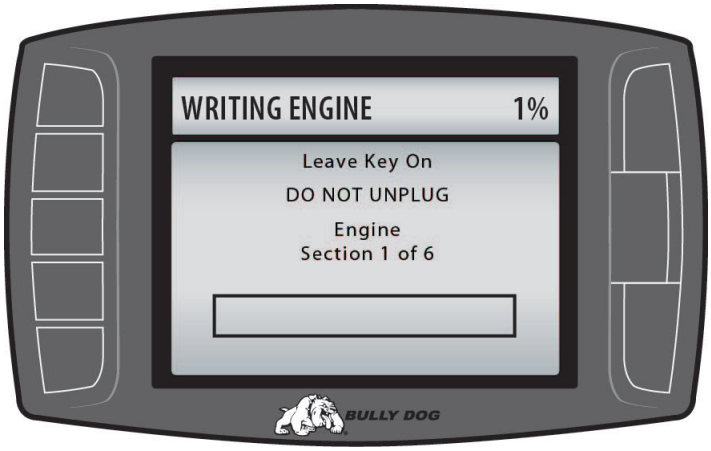
# How to Return to Stock

**There are two ways to return your vehicle to stock.**

**IMPORTANT NOTE: Both methods are very similar to installing the tune to your vehicle, so you should make the same preparations and take the same precautions. This means choosing a good time and place, making sure the battery is charged, pulling fuses (if necessary), disconnecting aftermarket electronics, etc.**

**IMPORTANT NOTE: There are certain times when disconnecting or interrupting power to the GT Platinum can interfere with the engine computer programming process. If the engine write is interrupted, the programming on your engine computer can be corrupted. This can cause your vehicle not to start and possibly even require the ECM to be replaced.**

*This illustration is an example of one of the times during the uninstallation when it is vital that the power is not interrupted and the tuner is not disconnected from the vehicle.*




**Note: There may be times when our technical support team will instruct you to disconnect the tuner even though the screen tells you not to unplug.**

## Uninstall Download

1. Choose the Uninstall Download option from the Main Menu.
2. Follow the instructions shown on the GT Platinum screen.
3. When the GT Platinum gives you a message that the tune has been removed, disconnect the GT Platinum from your vehicle.
4. Check to make sure the tune has been removed from your vehicle.
5. Test your vehicle to make sure that it starts. If not, check the troubleshooting FAQ.

   If this option is not listed on the Main Menu, use the option described on the next page.

## Install Download > Return to Stock

1. Choose the Install Download option from the Main Menu.
2. Follow the instructions shown on the GT Platinum screen.
3. Choose "Return to Stock" when the GT Platinum gives you the option between "Change Settings" or "Return to Stock".
4. Follow the instructions shown on the GT Platinum screen.
5. Check to make sure the tune has been removed from your vehicle.
6. Test your vehicle to make sure that it starts. If not, check the troubleshooting FAQ.

# UNINSTALLING - RETURNING TO STOCK

## What if I Don't Return to Stock?

**Here are some common examples:**

- If you take your vehicle in for service, they will "flash" the engine computer. Even if you ask them not to, any dealer or shop will do this automatically – it is standard procedure for any vehicle they see and they really can't help themselves from following this ingrained habit. What they are doing is actually writing an updated file over any information that is currently saved in your engine computer. This includes the tune from your GT Platinum, so basically the tune is no longer installed and you will not be able to use the power level settings or any other options – but the GT Platinum doesn't know that, it still thinks that the tune is saved to your engine computer. Unless you go through the uninstall process with your GT Platinum, it will still show as installed and will not allow you reload the tune on your vehicle or on any other vehicle. The only way to resolve this problem is to contact technical support and have the GT Platinum reset – there is a mandatory fee for this service.
- If you sell or trade-in your vehicle you will not be able to install your GT Platinum on another one without calling technical support to have the GT Platinum reset. For more information on Reset Fees, visit our website at www.bullydog.com
- If you sell the GT Platinum to another person without uninstalling the tune from your vehicle first, they will not be able to use it. You will probably have negative consequences like an upset buyer, having to refund the purchase price or cover the cost of a reset, a negative review, and bad karma.

By now, you may have noticed a pattern: if you do not return your vehicle to stock and something happens to your engine computer, you will need to call and pay the fee in order to have the GT Platinum reset.

## How Do I Know if the GT Platinum is (Still) Installed?

**There are two ways to check if the tune is currently installed:**

Main Screen

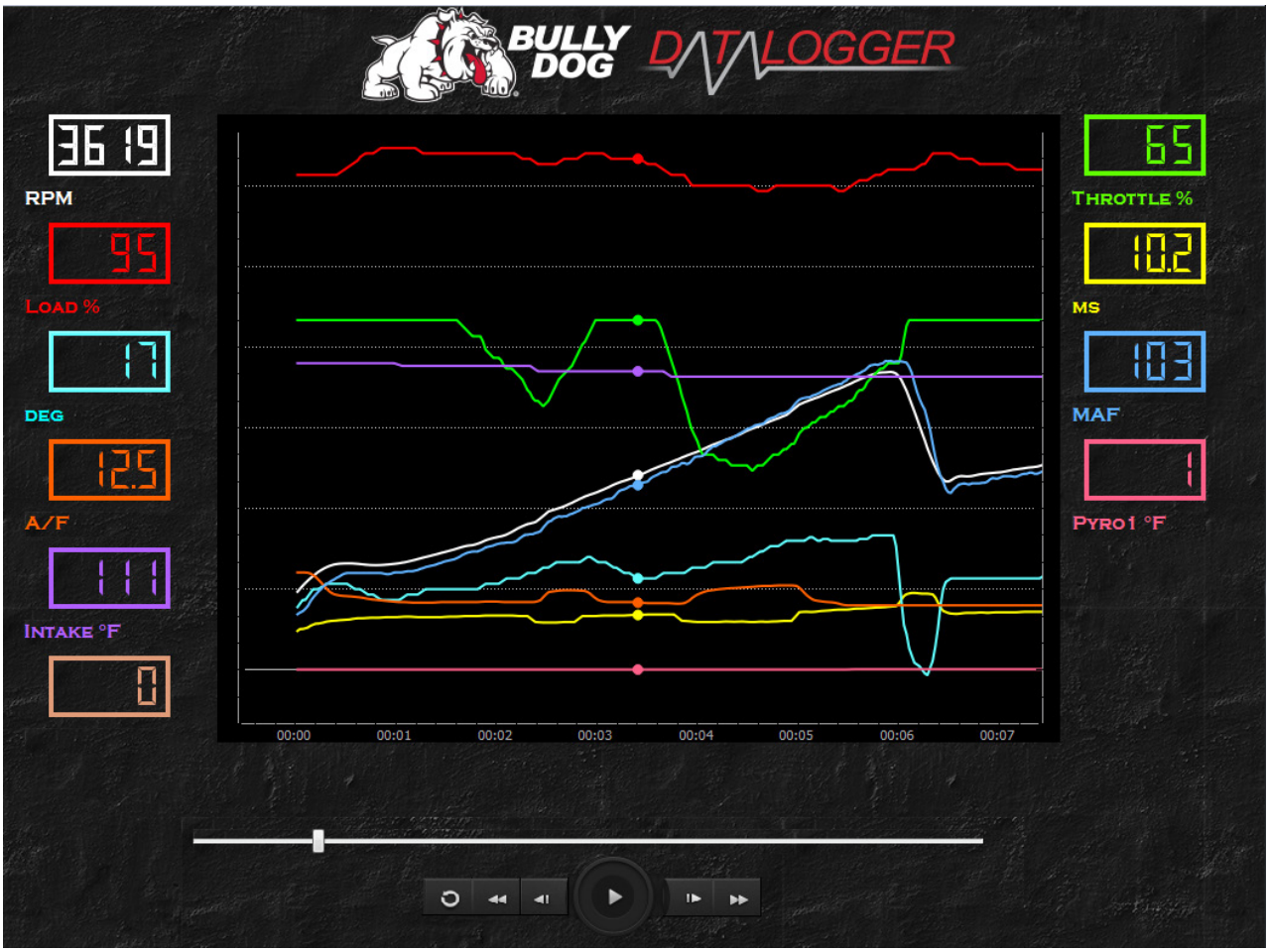
1. Look at the lower right corner of the main display screen.

Show Settings Screen

1. Go to the Main Menu.
2. Scroll down.
3. Choose Show Settings.
4. Check to see what the GT Platinum shows next to "Download".
5. If it shows:

- Installed – the tune is still loaded on the engine computer.
- Not Installed – the tune has been uninstalled and the vehicle is returned to stock.
- Recovery – there is a problem and you should contact technical support.

# DATA LOGGING FEATURE (TOYOTA® VEHICLES)




-Log parameters for 180 second period

-Results are saved on SD Card

-Data Logging Software can be downloaded from bullydog.com

-Data can be played back for the period recorded

# MORE INFORMATION

## Changing the Power Level

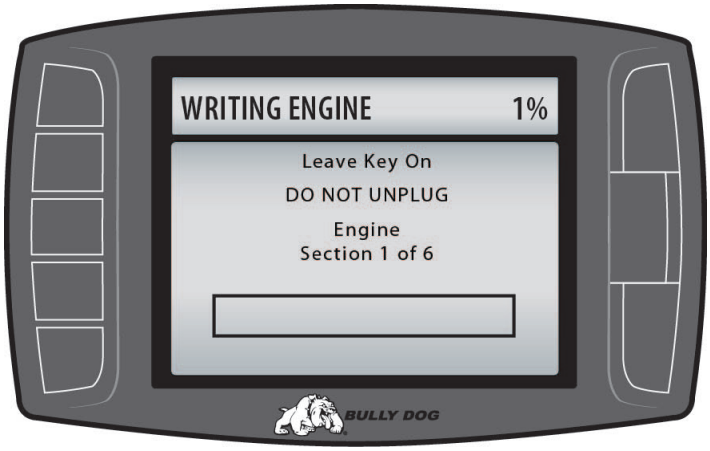
The power level tunes on the GT gas are based on the octane of the fuel being run in the vehicle. Unlike the GT diesel, this option cannot be changed On The Fly (OTF), because it is impossible to change the type of fuel being used while you are driving.

There are some times when this setting does need to be changed, like when filling the tank with a different octane than previously used before. Complete the following steps to change the power level tune setting:

1. Make the same preparations and take the same precautions as when you initially installed the tune. See pages 34-36 for more information.
2. Choose Install Download from the Main Menu.
3. Follow the onscreen instructions.
4. Choose Change Vehicle Settings when you are prompted to choose between that option and "Return to Stock".
5. Continue following the onscreen instructions until the GT indicates that the process is complete.

**IMPORTANT NOTE: This option actively reprograms the tune on your vehicle's engine computer. There are certain times when disconnecting or interrupting power to the GT Platinum can interfere with the engine computer programming process. If the engine write is interrupted, the programming on your engine computer can be corrupted. This can cause your vehicle not to start and possibly even require the ECM to be replaced.**

***The illustration below is an example of one of the times during the installation when it is vital that the power is not interrupted and the tuner is not disconnected from the vehicle:***




## Reset Fee

### Why is This Policy in Place?

In the past, our technical support department has been flooded with people needing to reset their tuners. Because of this, we were not able to support the other people who needed help. The extra calls were coming for two different reasons:

1. Despite our best attempts to educate customers about the importance of uninstalling the tune before selling their vehicle or having it serviced, people did not remember or did not take seriously the requirement of returning their vehicle to stock and were calling in repeatedly.
2. Some dishonest people were installing the tune on multiple vehicles and calling in to have the unit reset in between each tune. The tuners are designed to only be installed on one vehicle at a time.

Once the policy for the reset fee was created, the number of calls to request tuner resets was significantly reduced and we were able to improve our support to everybody.

The reset process is relatively simple and a technician can help you complete the reset over the phone. See page 66 for more information about contacting technical support.

## Performance Testing Software

This software allows you to download saved Performance Testing data from your GT (see page 12 for more information) to your computer and display the information as a graph for easy analysis.

You will be able to get graphs and raw Excel data for: speed, RPM, horsepower, and torque. You can print drag racing time slips, save and rename tests, and download up to 20 tests from your GT at one time.

Visit www.bullydog.com/performance_testing.php to download this free software

# MORE INFORMATION

## Pyrometer Calibration

### What is Pyrometer Calibration?

Pyro calibration is a way to find the best temperature to use for the GT Platinum temperature warning setting for your vehicle. This will help you prevent heat damage to your engine.

## How to Calibrate Your Pyrometer

1. Return your truck to stock by uninstalling the tune. See pages 39-41 for more information.
2. Find a steep hill with a long road and a high speed limit.
3. Wait for a hot day.
4. Set up a heavy load on your vehicle.
5. Haul the load to the top of the hill.
6. Check the pyrometer temperature.
7. Add 150°F.
8. Change the temperature warning setting under Main Menu > Vehicle Setup > Set Warning Levels.

# FAQS/TROUBLESHOOTING

## My GT Platinum Won't Turn Off

**Q. I have turned my vehicle off and removed the key – everything else has turned off. Why won't my GT Platinum turn off?**

**A. The power switch on the OBDII adapter plug is in the "wrong" position. If you want the GT Platinum to turn on and off along with the rest of your vehicle, you will need to make sure that the power switch is in the "correct" position and that the power cable is installed correctly. See page 32 for more information about installing the power cable.**

## My Vehicle Won't Start after I installed the Download

**Q. My vehicle won't start after I installed the download, what happened and how do I fix this?**

**A. The GT Platinum encountered a problem when it was writing to the engine computer. Follow these steps to resolve the problem:**

1. Return the vehicle to stock. Test to see if the engine starts.
2. Update the GT Platinum.
3. Install the download again. Test to see if the engine starts.
4. Contact technical support if the problem persists. See page 66 for more information about contacting technical support.

## My Vehicle Won't Start after Returning to Stock

**Q. My vehicle won't start after I uninstalled the tune. How do I fix this?**

**A. Follow these steps to get your truck running with the tune uninstalled:**

1. Make sure that you have completed all of the preparation steps on pages 35 .
2. Go to the Main Menu on the GT Platinum.
3. Scroll down and choose the Show Settings Option.
4. Check what the GT Platinum is showing next to Download.
   - Recovery: go to the next step.
   - Installed or Not Installed: Contact technical support – see page 66 for more information about contacting technical support.
5. Go back to the Main Menu
6. Choose the Install Download option
7. Confirm that you want to complete the Recovery.
8. Follow the onscreen instructions.
9. Once the recovery is complete, try to start your vehicle.
10. If your vehicle still will not start, contact technical support – see page 66 for more information about contacting technical support.

**Note: If the Recovery process completes successfully, your vehicle is returned to stock. You will not need to do another step to uninstall the tune or return the truck to stock. If the Show Setting screen still shows Recovery next to Download, contact technical support to have the unit reset (there will not be a charge to reset from Recovery Mode).**

## My Vehicle isn't Listed under Change Vehicle

**Q.** Why isn't my vehicle included in the list under the Change Vehicle option?

**A.** Chevrolet owners should choose the GMC option that matches the year of their vehicle. If your vehicle is very new or very old, you may need to update (see page 23) or your vehicle may not be supported yet.

## What Kind of Increased Performance Can I Expect?

**Q.** How much extra horsepower will my vehicle get? What can I expect for fuel efficiency improvements?

**A.** See page 2 for information about additional horsepower. Many people do find that the increased horse power helps them get the most mileage out of their fuel as possible. However, since fuel efficiency varies so much between different vehicles and drivers, there is no way to accurately predict fuel mileage increases. To get the best gas mileage possible, make sure to calibrate and use the Driving Coach to improve your driving habits. See pages 12-14 for more information about the Driving Coach.

## I Don't Feel Extra Power

**Q.** Why can't I feel the extra horse power?

**A.** A. You may be expecting to feel the same change in horse power on a gas vehicle that our tuners provide for diesel vehicles. The additional horsepower available for a gas vehicle is not as high as it is for diesel vehicles, so you may not be able to feel it the same way as on a diesel; however the additional horsepower will still help the vehicle accelerate and maintain speed. See page 43 for more information about the different power level tunes that are available for gas vehicles. Also, if your vehicle has recently been serviced, you might have forgotten to return the vehicle to stock. See pages 39-41 for more information on returning to stock. See page 41 for more information on checking to see if your vehicle was returned to stock and what to do if it was not returned to stock.

# CONTACTING TECHNICAL SUPPORT

**Technical Support is open Monday-Friday, 8 a.m. – 5 p.m., Mountain Standard Time.**

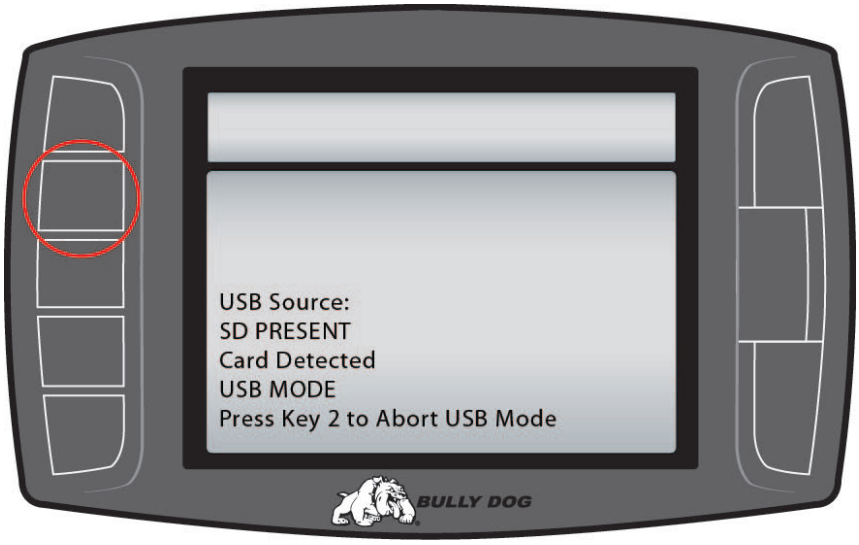
The phone number to contact technical support is (940)783-9915.

**You should have all of the following items available when contacting technical support:**

- Your GT Platinum tuner
- Your vehicle
- A computer with internet access

# USB MODE

When you connect your GT Platinum to your computer via a USB cable, it enters USB Mode.

In order to use the Update Agent, keep the GT Platinum in USB Mode.

If you want to use your computer to power the GT Platinum and allow you to access some of the GT Platinum's functions when it is not connected to your vehicle, you can Abort USB Mode. In order to Abort USB Mode, press the second key from the top on the left side, as shown in the picture below: