

# pulse

## V2



### PULSE V2 CONTROL MONITOR INSTALLATION INSTRUCTIONS

PART NUMBERS: ADR1000-PV2, ADR1001-PV2, ADR1002-PV2, ADR1003-PV2, ADR1004-PV2, ADR1006-PV2, ADR1007-PV2, ADR2000-PV2, ADR2001-PV2, ADR3001-PV2, ADR3002-PV2, ADR4000-PV2, ADR4001-PV2, ADR4K02-PV2, PV21000, PV21003, PV21004, PV21006, PV21007, PV22000, PV23000, PV23001



THE PULSE V2 USES 4 BUTTONS TO COMPLETE ALL OF THE MENU SELECTIONS AND HARDWARE SETUP FEATURES ON YOUR ADRENALINE.\*

\* Pulse V2 instructions are subject to change based on available software updates.



- ◀ Menu
- ◀ Up
- ◀ Down
- ◀ Enter

## MONITORED PARAMETERS

### 98-02 DODGE

EGT  
Boost  
Transmission Temp  
Coolant Temp  
Fuel Pressure\*  
RPM  
MPH  
Corrected MPH  
ECM Voltage  
Back-down %  
TPS%  
IAT  
Fuel Temp  
Power Level  
Oil Pressure\*\*  
Engine Load%

### 06-07 DODGE

EGT  
Boost  
Rail Pressure  
Fuel Pressure (low side)  
Transmission Slip %  
Transmission Temp  
Time since DTCs cleared  
# of Warm-ups since DTCs Cleared  
Gear  
Converter Status  
Coolant Temp  
RPM  
TPS %  
MPH  
Correct MPH  
Distance Since DTCs Cleared  
IAT  
Battery Voltage  
Load %  
Ambient Air Temp  
Fuel Level %  
Barometric PSI  
Runtime since startup  
Distance with MIL On

### 07.5-09 DODGE

EGT  
Boost  
Rail Pressure  
Fuel Pressure (low side)  
Transmission Slip %  
Transmission Temp  
Time since DTCs cleared  
# of Warm-ups since DTCs Cleared  
Gear  
Converter Status  
Coolant Temp  
RPM  
TPS %  
MPH  
Correct MPH  
Distance Since DTCs Cleared  
IAT  
Battery Voltage  
Load %  
Ambient Air Temp  
Fuel Level %  
Barometric PSI  
Runtime since startup  
Distance with MIL On  
Gearshift Position  
Commanded EGR%  
EGR Error%  
CAT Temp 1  
CAT Temp 2  
O2 Sensor Equiv Ratio 1  
O2 Sensor Equiv Ratio 2  
Regen Status  
# of complete Regens  
# of desired Regens  
# of Incomplete Regens  
Time since last Regen  
DPF Load  
DPF Target  
DeSoot Regen Active  
DeSOX Regen Active  
MAF

### 01-05 GM

EGT  
Coolant Temp  
Transmission Slip %  
Transmission Temp  
IAT  
TPS %  
Load%  
MPH  
Boost  
RPM  
Gear  
Transmission Output Shaft Speed  
Rail Pressure  
Drivers Demand % Torque  
Nominal Friction % Torque  
Corrected MPH  
Corrected Boost  
Converter Lock  
Barometric PSI  
Backdown %

### 03-05 DODGE

EGT  
Boost  
Rail Pressure  
Fuel Pressure (low side)  
Transmission Slip %  
Gear  
Converter Status  
Coolant Temp  
RPM  
TPS %  
MPH  
Correct MPH  
IAT  
Battery Voltage  
Load %

### 03-07 FORD

EGT  
Load%  
RPM  
IAT  
Fuel Level %  
TPS%  
MAF  
Runtime  
EGR Error%  
Boost  
Coolant Temp  
Speed  
Corrected Speed  
Voltage  
Gear  
Transmission Temp  
EGR %  
Barometer  
Injection Control Pressure  
Distance with MIL  
# of Warm-ups since DTC Cleared  
Mileage since DTC Cleared

\* Requires additional purchase of Fuel Pressure Kit.  
\*\* Only available on 98-00 year models.

# INSTALLATION INSTRUCTIONS

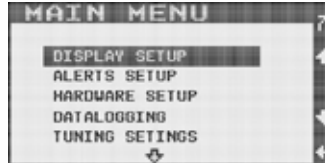


## CHANGING POWER LEVELS

To change power levels, simply press the Up or Down button. To make faster changes press and hold either the Up or Down button.

## CUSTOMIZING YOUR DISPLAY

1. Enter the Main Menu by pressing the Menu button.
2. Select Display Setup by pressing the Enter button.
3. Select the display style that you want. Once inside you will be able to set up two different displays with up to four parameters for each display to toggle between on the main display screen. Choose your display type by scrolling to the display you want and pressing Enter.



4. Now choose your parameters. Once a parameter is selected, it will take you back to the parameter selection menu so that you may choose the next parameter you want to display. On the Menu you will see abbreviations such as TL or TR for Top Left and Top Right, as well as a visual icon that shows you which display area you are choosing a parameter for. In addition, the right side of the Menu will show you an abbreviation of the parameter that is currently selected for that display. To set up your second display or your "Flip Screen" simply scroll down to the Display 2 menu choices.

\* Note: Display 1 is always the display you leave on the main display when you enter the Main Menu. The Pulse V2 will keep track of the correct parameters and place them in the appropriate menu line. For example, if you have Display 1 TL set for EGT and you toggle to Display 2 before entering the menu then EGT will now be shown as Display 2 TL EGT.

5. When finished simply use the Menu/Back button to take you to the Main Menu or to the main display.

## FLIP SCREEN

To use the Flip Screen simply press the Enter button when you are on the main display. This will show the alternate parameters you selected in the previous step. You may toggle between displays anytime you wish.

Dodge 07.5-09: There will be 3 additional screens that you have the ability to flip through. Continue to hit Enter to go to Diagnostic at a Glance. Continue to hit the Enter button and it will take you back to your main display screen.

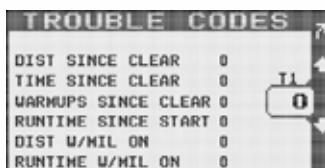
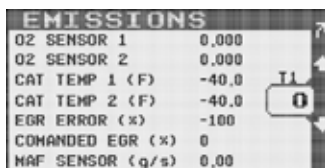


### DIAGNOSTIC AT A GLANCE - Dodge 07.5-09 only

After flipping through your 2 screens you have set as your main parameters monitored you can continue to hit the Enter button to see the 3 additional screens.

These are additional parameters that are not usually monitored however you might want to flip through periodically to check

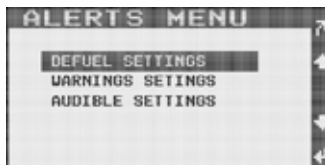
1. DPF Parameters - This screen will show you all of your Regen information.
2. Emissions - This will show all your O2 Sensor information, CAT temps, and EGR information.
3. Trouble Codes - This will show you information regarding any clearing of DTC codes you have done.



### CONFIGURING DE-FUELING

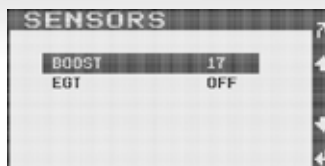
De-fueling is a safety feature that allows you to set safety limits on various parameters of the Adrenaline/Pulse V2 module monitors. Setting a de-fueling parameter allows the Adrenaline/Pulse V2 to monitor your gauges for you and make corrective fueling and timing adjustments to keep your engine within safe limits. It is recommended to use the EGT de-fueling set at 1250 deg for maximum safety. Remember these are limits and the Adrenaline will likely start correcting for these parameters before they actually reach the desired set point to ensure the limit is not overshoot. You may set de-fueling for parameters that are not being displayed, if you desire. Aftermarket injectors and other modifications may also hinder the Adrenaline's ability to de-fuel properly and you may want to set your limits accordingly.

1. Enter the Main Menu by pressing the Menu button.
2. Select Alerts Setup by highlighting it and pressing the Enter button.
3. Select Defuel Settings by highlighting it and pressing the Enter button.
4. Choose the parameter you want the Adrenaline to de-fuel on and press the Enter button.





5. Use the Up and Down arrows to select the value that you do not want to exceed for that parameter, when finished press Enter.
6. When you have completed your de-fueling choices use the Menu/Back button to escape to the Main Menu or to the main display.

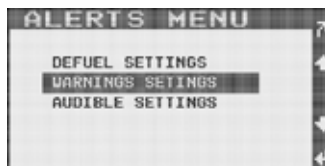


\* The value you have chosen for each parameter will be displayed beside that parameter in the main de-fuel menu. When a parameter is in alarm and causing a de-fueling situation the main display will show a pop up that it is de-fueling along with the parameter and current value that is causing the de-fueling.

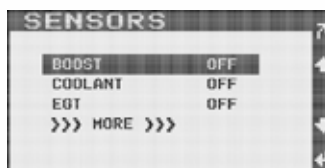
## CONFIGURING WARNINGS

Warnings are used for those that wish to control the vehicles limits manually while allowing the Pulse V2 to warn them of a particular parameter. You can set warnings for parameters that are not being monitored as well.

1. Enter the Main Menu by pressing the Menu button.
2. Select Alerts Setup by highlighting it and pressing the Enter button.
3. Select Warnings Settings by highlighting it and pressing the Enter button.
4. Choose the parameter you want the Adrenaline to warn you on and press the Enter button.
5. Use the Up and Down arrows to select the value that you want to be warned at for that parameter, when finished press Enter.



6. When you have completed your warning choices use the Menu/ Back button to escape to the Main Menu or to the main display.



When a warning is reached the Pulse V2 will display a Warnings Pop-Up menu and show you the parameter that has exceeded your set limit.



## AUDIBLE SETTINGS

Audible Settings are used for both De-fueling and Warnings. This allows you to turn Audible Alerts on in conjunction with the visual warnings and select what sort of tone you desire to hear when you need to be alerted.

1. Enter the Main Menu by pressing the Menu button.

2. Select Alerts Setup by highlighting it and pressing the Enter button.

3. Select Audible Settings by highlighting it and pressing the Enter button.

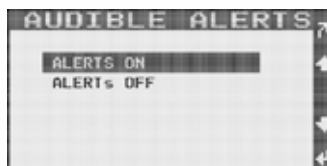
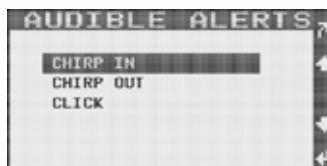
4. Select Alerts On/Off by highlighting it and pressing the Enter button.

5. Choose either Alerts On or Alerts Off by highlighting your choice and pressing Enter.

6. If you chose Alerts On then select Alert Tones by highlighting it and pressing Enter.

7. Highlight the tone you wish to hear and press Enter.

8. When you have completed your warning choices use the Menu Back button to escape to the Main Menu or to the main display.



## HARDWARE SET-UP

The next step is to set up your Adrenaline module. This is where you will set up the following:

- WARM UP MODE
- CORRECT YOUR TIRE SIZE
- DIAGNOSTICS
- SHOW YOUR CURRENT VERSION INFORMATION
- TURBO TIMER
- UNLOCK YOUR MODULE FOR CUSTOM TUNING
- GEAR CHANGE DEFUEL
- BE ABLE TO RESTORE FACTORY DEFAULTS

## WARM UP MODE

Warm Up Mode is used to protect your engine while it gets to an operating temperature. This setting disables all fueling and timing enhancements until your set temperature is reached. When in Warm Up Mode, the Pulse V2 will display a W in the power level indicator window.

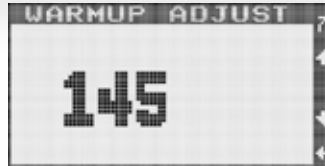
1. Enter the Main Menu by pressing the Menu button.

2. Select Hardware Setup.

3. Select Warm Up Mode Setting by highlighting it and pressing Enter.



4. Use the Up and Down arrow to choose what Engine Coolant Temperature you want the Adrenaline module to start adding power; when you are finished press Enter.



\* Note: The Adrenaline will not abruptly add power when your warm up temperature is met. The Adrenaline monitors engine load and many other parameters and will wait until the vehicle is not in a strenuous state before adding power. This eliminates getting extra power added at unexpected times such as in the middle of a gear shift.

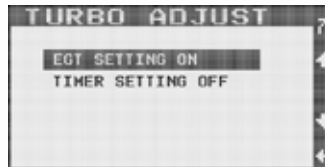
## DIAGNOSTICS - 06-09 Dodge, 03-07 Ford only

Turn key on, engine off, to clear DTC. Request codes: This allows you to read any trouble codes (DTC). Clear codes: This feature allows you to erase any trouble codes.

## TURBO TIMER

You can set your Turbo Timer to be time based or EGT based but, you cannot set the timer to work off both time and EGT. Setting the Turbo Timer up will allow your truck to run without the key in the ignition to allow your vehicle to properly cool off. This increases the life of many parts on your truck including your turbo charger. To disable or kill the truck once the Turbo Timer has activated, simply press the accelerator pedal lightly.

1. Enter the Main Menu by pressing the Menu button.
2. Select Hardware Setup.
3. Select Turbo Timer by highlighting it and pressing Enter.
4. Select either EGT Setting or Timer Setting by highlighting it and pressing Enter.
5. Use the Up and Down arrow to select the desired EGT your engine must get down to, or the desired time you want the engine to run after you turn the ignition off before the vehicle shuts down, when finished press Enter.



Once set, the Turbo Timer menu will show you which setting is turned on for future reference.

\* If you select an EGT that is lower than the engine can get down to, the Adrenaline will automatically shut the vehicle off after 15 minutes of runtime as a safety precaution.

\*\* When selected, a Turbo Timer Icon will be displayed in the upper right hand corner of the main display.

For EGT the icon is (thermometer symbol)  for Time it is a (clock icon). 



### 01-05 GM LB7/LLY ONLY

When the turbo is engaged you must allow the time to expire or temperature to be reached in order to disengage the timer; you may also press the accelerator pedal to disengage the time after the truck has been turned off. If the key is turned back on while the turbo timer is running, it will cause a message to appear that says "Shift Range Inhibited" and can also cause the check engine light to come on and set a P0700 code or other transmission codes.

## PRODUCT VERSION

This selection shows your current Pulse V2 software version and is only needed when talking to Technical Support or when deciding if you need one of the updates off of the Quadzilla website.

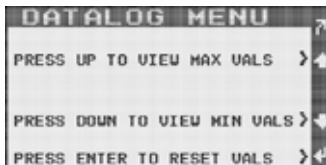
## RESTORE DEFAULTS

This menu simply lets you reset the entire Pulse V2 to the factory defaults.

## DATA LOGGING

This is where all of your minimum or maximum values are stored.

1. From the Main Menu, select Datalogging by highlighting it and pressing Enter.
2. Use the Up arrow to see maximum values or the Down arrow to see minimum values recorded. You may toggle back and forth from minimum to maximum while in this menu by simply using the Up and Down arrow buttons.
3. To reset all Datalogging press the Enter button anytime you are in any of the Datalogging screens.

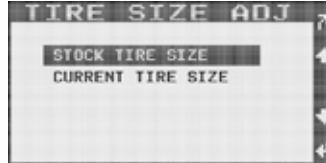




## TIRE SIZE ADJUSTMENT

This feature allows you to show your vehicle's true speed on the Pulse V2 monitor if you have a larger than factory size tire on the truck. There are 2 parameters you can display; if you choose to show the True Vehicle Speed it is important to select "True Speed" in the display setup.

1. Enter the Main Menu by pressing the Menu button.
2. Select Hardware Setup.
3. Select Tire Size Adjustment by highlighting it and pressing Enter.
4. Select Stock Tire Size by highlighting it and pressing Enter.
5. Use the Up and Down arrow to choose the tire size that came on the truck from the factory. The value is in circumference. Not all trucks come with the same size factory tire so there is no default setting. Press enter when finished.
6. Select Current Tire Size by highlighting it and pressing Enter.
7. Use the Up and Down arrow to choose your current tire size in circumference, press Enter when finished.



\* Note: If you have different size tires, it is necessary to set this up if you choose to use the 0-60 or ¼ mile performance test talked about later in this manual. Failure to do so will cause incorrect readings.

## TO CALCULATE YOUR TIRE SIZE

Take the diameter of your tire, multiplied by Pi.  $\text{Diam.} \times 3.14 = \text{Circumference.}$

Or go to, <http://www.csgnetwork.com/tiresizescalc.html> and use the online calculator to determine your tire size.

## ADJUSTING THE BACKLIGHT

Select Backlight Adjustment from the Main Menu and use the Up and Down arrows to make the backlight more or less bright. The display will change as you move the settings so that you can visually see how bright the display is. Press Enter when done.

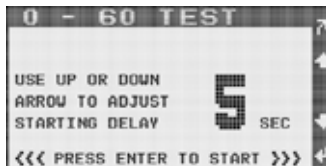


## PERFORMANCE TESTS

This Main Menu will allow you to perform 0-60 mph and ¼ Mile Testing. It is important that if you have different sized tires than your vehicle came with from the factory that you set up your Tire Size adjustment as mentioned previously. Not adjusting for larger tires will substantially reduce the test's accuracy.

### 0-60MPH TEST

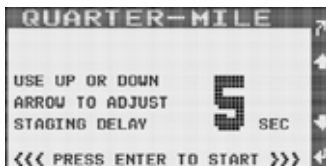
1. Select Performance Tests from the Main Menu by highlighting it and pressing Enter.
2. Make sure your vehicle is at a complete stop.
3. Select 0-60 Test by highlighting it and pressing Enter.
4. Use the Up and Down arrows to select your countdown time before the test starts.
5. Press the Enter button when you are ready for the countdown to start.



If you fail to move the 0-60 Test will automatically abort after approximately 7 seconds. The test will automatically stop once you have reached 60 MPH and will be displaying the time it took to reach 60 MPH from the time your vehicle started moving.

### 1/4 MILE TEST

1. Select Performance Tests from the Main Menu by highlighting it and pressing Enter.
2. Make sure your vehicle is at a complete stop.
3. Select Quarter Mile Test by highlighting it and pressing Enter.
4. Use the Up and Down arrows to select your countdown time before the test starts.
5. Watch for the "tree" and accelerate once it "falls".



Once complete the ¼ mile test will automatically stop and display your 60' time and MPH, 1/8 mile time and MPH and your ¼ mile time and fastest speed at the end of the ¼ mile. If you fail to move, the test will abort after 7 seconds.

## TO TURN THE SOUND ON/OFF

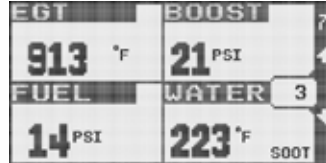
From the Main Menu scroll to turn Sound On/Off. Hit Enter once it is highlighted and it will turn the sound for the entire Pulse V2 On or Off.



## **REGEN FUELING** - 07.5-09 Dodge only

The Adrenalines were designed to work with the regeneration process with no interruptions. During the regeneration process, the Adrenaline will automatically set itself back to a stock setting. This allows the truck to go through the regen process without any additional fuel being sent. You will know your truck is in regen by one of two icons showing in the bottom corner of your main display screen. You will see either SOX or SOOT depending on what type of regen process your truck is going through. This helps you to keep track of the regens and allows you to see how often your truck is going through each process.

If you choose to monitor the regen process on your own then you have the ability to turn the Regen Fueling off. With Regen Fueling turned to Off, the Adrenaline will continue to operate at the level you have it set at.



To turn the Regen Fueling off you will need to do the following: Under the Main Menu go to Hardware Setup and hit Enter. Go down to DPF Regen Fueling and hit Enter. You can change the setting to Off by hitting the Up or Down arrow. Once you have it set to Off then press Enter.

## **HIGH IDLE SETUP** - 98-02 Dodge

1. Select Hardware Setup from the Main Menu.
2. Choose High Idle Delay from Hardware Menu.
3. Use the Up and Down button to select the amount of idle time desired before activating the High Idle features. High Idle will only activate while the Adrenaline module is set to PLOO or while the vehicle is in warm up mode.

## **DRIVETRAIN SETUP** - 98-09 Dodge

You must setup your drivetrain info in order for Transmission Slip %, Current Gear and Converter Lockup parameters to work properly.

1. Select Hardware Setup from the Main Menu.
2. Choose Transmission Select from Hardware Menu.
3. Choose the correct transmission for your vehicle. A small "x" will appear next to the current selection.
4. Choose Axle Select.
5. Choose the correct Axle ratio for your vehicle. A small "x" will appear next to the current selection.



### GEAR SHIFT DE-FUELING - 01-05 GM, 03-07 Ford

1. Select Hardware Setup from the Main Menu.
2. Choose Gear Shift De-fuel.
- 3A. \*03-07 Ford Only\* Use the Up and Down buttons to choose what % of de-fueling you want between gear changes, press Enter to select.
- 3B. \*01-05 GM Only\* Use the Up and Down buttons to choose none, all gears or 4th to 5th shift only, press Enter to select.
- 3C. \*01-05 GM Only\* Use the Up and Down arrow to choose what % of de-fueling you want between the selected gear changes.

### TRANSMISSION SLIP DE-FUELING - 01-05 GM, 07.5-09 Dodge

1. Select Hardware Setup from the Main Menu.
2. Choose Trans Slip De-Fuel.
3. Use the Up or Down button to select On or Off. Press Enter to select. Turning this feature on tells your Adrenaline module to de-fuel the engine to protect transmission slippage. The Adrenaline will fully de-fuel itself if necessary.

### CUSTOM TUNING\*

To use the Custom Tuning:

1. Enter the Main Menu by pressing the Menu button.
2. Select the Custom Tuning by highlighting it and pressing Enter.
3. Select either Tune Parameters or Load Tune by highlighting it and pressing Enter.
4. Tuning changes take place upon returning to the Main display.
5. Save your tuning changes by selecting "Save Tuning" from the Tuning Parameters Menu.
6. Select either Tune 1 or Tune 2 to save your Custom Tune to those profiles.
7. Select Load Tune from the Custom Tuning menu to run a Custom Tune. Choose either Tune 1 or Tune 2 and press Enter. Once at the main display a small T1 or T2 icon will be displayed in the lower right hand corner of the Main display.

\* Custom Tuning parameters and options may change with new updates.

### POWER LEVEL: All Pulse V2 Models

Range: 4-14

Determines overall number of power levels including off.

IE- 4 power levels would be PLO0 – PLO1 – PLO2 – PLO3.

Power level 1 will always be the Max Mileage setting and can not be changed.



**BOOST SCALING:** All Pulse V2 Models

Range: 16-31 PSI

Scales the Fuel and Timing MAPs based on boost. Lower boost numbers are more responsive.

**RAIL PRESSURE MAX:** 03-09 Dodge, 01-05 GM, 03-07 Ford

Range: 0-100%

Sets the throttle position where 100% fueling is reached.

**RAIL PRESSURE MIN:** 03-09 Dodge, 01-05 GM, 03-07 Ford

Range: 0-100%

Sets the throttle position where the Adrenaline will begin fueling.

**RAIL PRESSURE SCALING:** 03-09 Dodge, 01-05 GM

Range: 0-100%

Sets the Rail Pressure MAP to scale to your truck's individual needs.

**% MAX INJECTOR STRETCH:** 03-09 Dodge, 01-04 GM

Range: 0-100%

Sets how long the Main Injector Stretch period is.

**TIMING:** 98-02 Dodge, 03-07 Ford

Sets the desired amount of MAX Timing Advance.

**TIMING SCALE:** 98-02 Dodge, 03-07 Ford

Changes the scaling of the Timing MAP.

**MAX PUMP STRETCH:** 98-02 Dodge

Sets the desired amount of MAX Pump Stretch.

**TPS PUMP MAX:** 98-02 Dodge

Sets the TPS% where MAX Pump Stretch is reached.

**TPS PUMP MIN:** 98-02 Dodge

Sets the TPS% where the Pump Stretch starts.

**TPS CAN MAX:** 98-02 Dodge

Sets the TPS% where the MAX CAN Fueling and Timing is reached.

**TPS CAN MIN:** 98-02 Dodge

Sets the TPS% where the CAN Fueling and Timing starts.

**MAX INJ TIME:** 01-05 GM, 03-07 Ford

Sets the desired amount of the MAX Injector Stretch.

**FUEL STRETCH MAX:** 01-05 GM, 03-07 Ford

Sets the TPS% when MAX Injector Stretch is reached.

**FUEL STRETCH MIN:** 01-05 GM, 03-07 Ford

Sets the TPS% when Injector Stretch starts.

## DISCLAIMER

### **THIS IS A HIGH PERFORMANCE PRODUCT. USE AT YOUR OWN RISK**

Do not use this product until you have carefully read the following agreement.

This sets forth the terms and conditions for the use of this product. The installation of this product indicates that the BUYER has read and understands this agreement and accepts the terms and conditions.

### **DISCLAIMER OF LIABILITY**

Quadzilla Performance Technologies, Inc. and its distributors, jobbers and dealers (hereafter SELLER) shall in no way be responsible for the product's proper use and service. THE BUYER HEREBY WAIVES ALL LIABILITY CLAIMS.

The BUYER acknowledges that he/she is not relying on the SELLER's skill or judgment to select or furnish goods suitable for any particular purpose and that there are no liabilities which extend beyond the description on the face hereof and the BUYER hereby waives all remedies or liabilities, expressed or implied arising by law or otherwise, (including without any obligations of the SELLER with respect to fitness, merchantability and consequential damages) or whether or not occasioned by the SELLER's negligence.

The SELLER disclaims any warranty and expressly disclaims any liability for personal injury or damages. The BUYER acknowledges and agrees that the disclaimer of any liability for personal injury is a material term for this agreement and the BUYER agrees to indemnify the SELLER and to hold the SELLER harmless from any claim related to the item of the equipment purchased. Under no circumstances will the SELLER be liable for any damages or expenses by reason of use or sales of such equipment.

The SELLER assumes no liability regarding the improper installation or misapplication of its products. It is the installer's responsibility to check for proper installation and if in doubt, contact the manufacturer.

### **LIMITATION OF WARRANTY**

Quadzilla Performance Technologies, Inc. (hereafter "SELLER") gives limited warranty as to description, quality, merchantability, fitness for any product's purpose, productiveness, or any other matter of SELLER's product herewith. The SELLER shall be in no way responsible for the product's open use and service and the BUYER hereby waives all rights other than those expressly written herein. This warranty shall not be extended or varied in, except by a written instrument signed by SELLER and BUYER.

The warranty is limited to one (1) year from the date of sale and limited solely to the parts contained within the product's kit. All products that are in question of Warranty must be returned shipping prepaid to the SELLER and must be accompanied by a dated proof of purchase receipt. All warranty claims are subject to approval by Quadzilla Performance Technologies, Inc.

Under no circumstances shall the SELLER be liable for any labor charged or travel time incurred in diagnosis for defects, removal, or reinstallation of this product, or any other contingent expenses.

Under no circumstances shall the SELLER be liable for any damages or expenses insured by reason of the use of sale of any such equipment.

**IN THE EVENT THAT THE BUYER DOES NOT AGREE WITH THIS AGREEMENT: THE BUYER MAY PROMPTLY RETURN THIS PRODUCT, IN A NEW AND UNUSED CONDITION WITH A DATED PROOF OF PURCHASE TO THE PLACE OF PURCHASE WITHIN THIRTY (30) DAYS FROM THE DATE OF PURCHASE FOR A FULL REFUND.**

**THE INSTALLATION OF THIS PRODUCT INDICATES THAT THE BUYER HAS READ AND UNDERSTANDS THIS AGREEMENT AND ACCEPTS ITS TERMS AND CONDITIONS.**

## WARRANTY

All QUADZILLA Performance Modules/Tuners Diesel Performance Enhancement Software- as specified below - is warranted against defective materials or workmanship for one million miles or ten years from date of purchase, whichever comes first. The Performance Modules/Tuners hardware units are covered by a one year unlimited mileage warranty.

### WHAT IS WARRANTED:

Any Performance Modules/Tuners Diesel Performance Enhancement Software specified for and Cummins, Powerstroke, and, Duramax diesel engines, except those units sold exclusively for racing and/or off-road use.

### WHO IS COVERED BY WARRANTY:

The original purchaser of a Performance Modules/Tuners who has completed the required warranty registration and provided proper proof of the original retail purchase and all other required information.

### WHAT IS NOT WARRANTED:

Any Performance Modules/Tuners used for any type of racing or competition, any off-road use, custom or modified applications, any non-legal or industrial applications. (These units are covered by a one year unlimited mileage warranty for both Software and Hardware.)

### WHAT VOIDS THE WARRANTY:

**Incorrect Installation:** The Performance Modules/Tuners must be installed following Quadzilla installation procedure as outlined in the product literature that accompanies the Performance Modules/Tuners. Physical damage to the unit due to improper care in installation or removal will not be covered under this warranty. **No Registration:** Failure to register your product within 90 days of purchase will void the one year unlimited mileage warranty. **No Proof of Purchase:** At time of warranty claim, buyer must provide proof of purchase (original receipt or invoice). **Incorrect Use:** Any damaged, abused or modified Performance Modules/Tuners will not be warranted.

### EXTENT OF WARRANTY:

Any defective Performance Modules/Tuners properly returned to QUADZILLA will be replaced or repaired by QUADZILLA. QUADZILLA will not be responsible for any other expenses incurred by the customer under the terms of this warranty, nor shall it be responsible for any damages consequential, special, contingent, or otherwise; or expenses or injury arising directly or indirectly from the use of the Performance Modules/Tuners unit or software. Any Performance Modules/Tuners returned to QUADZILLA must be sent at the customer's expense along with proof of purchase. QUADZILLA reserves the right to determine whether the terms of the warranty, set out above, have been properly complied with. In the event that the terms are not complied with, QUADZILLA shall be under no obligation to honor this warranty.

### SHORTAGES AND DAMAGED GOODS:

It is the responsibility of the customer to inspect and count products upon receipt. Any shortages or errors must be reported to Quadzilla immediately. Claims for shortages or damaged goods must be received within 3 days of receipt of the product. All merchandise is inspected before packing. Any damaged goods should be reported to the freight carrier immediately. All packaging of damaged goods must be kept for inspection by the freight carrier.

### RETURNS AND EXCHANGES:

An RMA (return merchandise authorization) must accompany all returns and exchanges. Returns must include a copy of the original invoice. Returns and exchanges must be shipped pre-paid or they will be refused.

Returned or exchanged products must be undamaged, or in "like new" condition. Damage occurred during freight due to improper packing is the responsibility of the customer. Unauthorized or refused merchandise are subject to a 10% restocking fee.

\* LEGAL IN CALIFORNIA ONLY FOR RACING VEHICLES WHICH MAY NEVER BE USED UPON A HIGHWAY.



# QUADZILLA

PERFORMANCE

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