

ADRENALINE

BY **QUADZILLA**
POWER



INSTALLATION INSTRUCTIONS



WARRANTY

Products purchased under Minimum Advertised Price (MAP) will not be eligible for warranty through Quadzilla Power, LLC. Products are only eligible for warranty when registered at quadzillapower.com/Warranty_Card/. See pages 14-15 for more warranty information.

INTRODUCTION

Thank you for your purchase of a Quadzilla Adrenaline. We hope you'll be more than satisfied with the increased performance our product provides.

This product may alter the technician's ability to use diagnostic equipment. Please remove this Quadzilla product when taking your truck into a service facility.

Installation of this product indicates the BUYER has read and understands this agreement and the '**Disclaimer of Liability**' agreement contained at the end of this document and accepts its terms and conditions.

IMPORTANT: THIS IS A HIGH PERFORMANCE PRODUCT. USE AT YOUR OWN RISK.

Before beginning the installation of your new Adrenaline, read these instructions in their entirety. Make sure you understand the steps and possess the skills required to install this product. If you have any questions regarding the installation, please contact your dealer before starting the installation process.

When routing wires, pay attention to any moving, sharp, or hot engine components.

It is required to disconnect both batteries before installation.

ATTENTION! If you need to jump start your truck, or put a battery tender on, you must disconnect the Adrenaline module and connect the MAP sensor back to its stock position before doing so. Failure to do this will void the warranty of the product.

NOT CARB LEGAL: NOT FOR SALE OR USE IN CALIFORNIA OR CARB STATES.



SUPPLIED ITEMS:

ADRENALINE/CONTROLPOD

ADRENALINE MODULE

MAIN WIRING HARNESS

CONTROLPOD Base Kit Only

THERMOCOUPLE

FITTINGS

TRANS TEMP

(OPTIONAL UPGRADES)

FUEL PRESSURE TRANSDUCER (FPSENS)

IQUAD+



ADRENALINE



CONTROL POD

REQUIRED TOOLS:

SIDE CUTTERS

RAZOR BLADE OR KNIFE

1/2" WRENCH

11MM SOCKET/WRENCH

9/16" WRENCH

13MM SOCKET

3/8" WRENCH

DRILL

5/8" WRENCH

21/64" DRILL BIT

1/4" OR 3/8" RATCHET

1/8" - 27 NPT TAP



ADRENALINE POWER LEVELS**

ADRENALINE V2 TUNING

PL00: Stock with Boost Fooling

PL01: Valet Mode (50% Stock)

PL02: Max Mileage (Timing Only)

PL03: 60 HP (CAN bus only)

PL04: 75 HP Gain (CAN + Wire Tap)

PL05: 95 HP Gain

PL06: 110 HP Gain

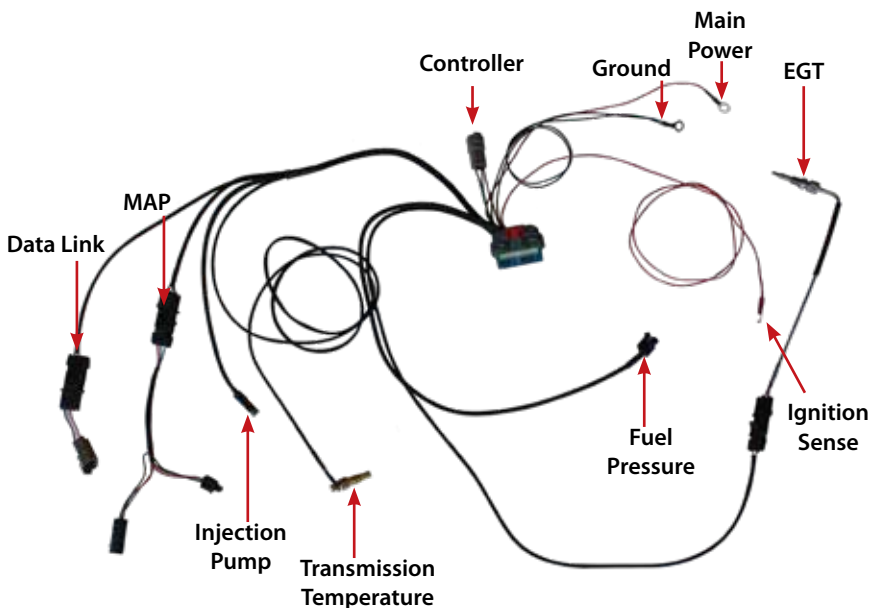
PL07: 125 HP Gain

PL08: 140 HP Gain

PL09: 160 HP Gain

PL10: 180 HP Gain

** Power Level Output and Gains may vary when using
Custom Tuning **





INSTALLATION INSTRUCTIONS

1. Disconnect both batteries.
2. The ideal location to mount your Adrenaline is on top of the fuse panel cover. Place the large 32 pin connector near this location and route the rest of the wired connections based on this location.

3. Oil Temperature Installation (If choosing to install): Route the longest black wire with the small ring terminal to the oil filter housing. Using an 11mm wrench or socket remove the test port fitting and install the temperature probe in its place. You may use a small amount of Teflon tape, but too much will cause the sensor to give false readings. **DO NOT OVERTIGHTEN** as you may damage or break the housing or temperature sensor. Connect the black wire to the sensor making sure the fiber washer is between the ring terminal and the sensor. (A-1)



4. Transmission Temperature Installation: **(Automatics only)** Route the longest black wire with the small ring terminal between the firewall and the back of the engine, over the top of the transmission to the passenger side of the truck. Locate and remove the test port on the passenger side of the transmission. This is located above and between the 2nd and 3rd pan mounting bolts if counting from the front of the truck. The test port will be protruding at an angle toward the front passenger tire. (A-2)



Note: you can either install the sensor as the oil temperature sensor or the automatic transmission temp sensor, not both.



Install the temperature sensor in the test port. No special fittings should be necessary. Connect the black wire to the sensor, making sure the fiber washer is between the ring terminals and the sensor. (A-3)

- 5.** Remove the TPS sensor housing by removing the 3, 13mm bolts located in the top of it. (A-4) Slide the TPS over to the side as far as possible to expose the VP44 injection pump. From the front of the truck looking downward, locate the control wires on the back of the pump. There are 2 sets of wires located in a protective sleeve. Find the set closest to the engine block and towards the top of the engine. (A-5, highlighted)

Tap* the wire closest to the block, in the upper most set of wires. (A-6) Pre-twist the Posi-Tap® body counter-clockwise about 7 full turns before twisting onto the cap. This will prevent the wire from being twisted when installed. (A-7)



*** * W A R N I N G * ***

Connecting the dark green wire to any other pump wire could cause damage to either the Adrenaline module or the VP44 pump. Make sure the batteries are disconnected and you have tapped the correct wire before attempting to start the vehicle.

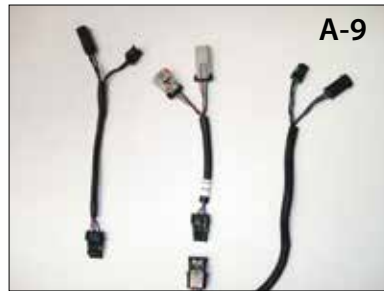
*Tapping the VP44 pump wire voids most pump warranties.



- 6.** Locate the Data Link sensor. The Data Link is located below and just in front of the fuel filter bowl on most 2000-2002 trucks. This is a flat 3 pin plug. On 1998.5-2000 trucks the Data Link is a small gray triangle-shaped plug located near the driver's side motor mount. The Data Link may have a dummy plug snapped into it which must be removed. Do not discard the dummy plug, just keep it in a safe place so it can be used again if you ever remove the harness from your truck. Install the Data Link plug from the Adrenaline harness into the Data Link connector making sure the locking tab locks in place. Plug the other end of the Data Link adaptor into the corresponding plug on the main Adrenaline harness. Make sure the locking tab locks in place. (A-8)



- 7.** Ensure the main Adrenaline module is not connected at this time. Connect your MAP sensor pigtail. There are 3 different styles of MAP sensors. They are all located in the same port on the engine, just above and behind the fuel filter canister. (A-9) Disconnect the factory wiring from the sensor.



Connect the corresponding side of the Adrenaline MAP sensor harness to the sensor. Connect the factory wiring harness to the other side of the Adrenaline MAP sensor harness. (A-10)



There is a 3rd plug on the MAP sensor adapter that looks similar to the Data Link connector. Find the corresponding connector on the main Adrenaline harness and connect it to the MAP sensor pigtail. These connectors have red, light blue and dark blue wires going into them. **DO NOT** plug this connector into the Data Link connector.

- 8.** Connect the ground wire to the negative battery terminal. (A-11)



- 9.** Run the red and white wire through the main wiring grommet in the firewall. This is located on the driver's side of the firewall below the master cylinder. It may be necessary to make a small slit in the rubber boot to run this wire through. On automatic trucks there is a small plastic cover you can pop out of the firewall where the clutch master cylinder would normally be on a manual truck. Remove the #9 fuse inside the cab, and plug in the supplied fuse tap. The tap **MUST** have 2 good 10amp fuses connected. Use the bullet style connector to connect the tap and the red/white wire. (A-12)



- 10.** The ideal location to mount your ControlPOD, if using one, is on top of the steering column just behind your emergency flasher button. This way the Pod is easily accessible and in plain sight. Clean the dash area well with an alcohol wipe and then use the supplied 3M Duallock to secure the ControlPOD. From here route the ControlPOD cable through the same hole in the firewall used in step #9. Connect the plug to the main Adrenaline harness.



- 1 1.** Ensure the Adrenaline Module is NOT connected to the main wiring harness . Connect the short red wire to the positive battery terminal. **Make sure that the connection is tight, and the battery terminals are free of corrosion.** (A-13)



- 1 2.** You will have a small leg of the main wiring harness with a 3-pin round connector left over. This is for use with our Fuel Pressure Transducer kit and can be purchased from your dealer or directly from www.quadzillapower.com. This kit is 100% plug and play.
- 1 3.** Double check all connections, wiring and sensors, to be sure they are tight and out of the way of anything sharp or moving in the engine compartment. If everything looks good, plug the main module to the harness (32-pin connector).
- 1 4.** Re-connect the batteries and start your truck. Make sure the ControlPOD is powering on and displaying. It is normal for some trucks to have a check engine light on for a few key starts after installation, but this will go away after a few drive cycles.

EGT PROBE INSTALLATION:

- 1.** With your engine running, drill a 21/64" hole slowly and carefully in the exhaust manifold between cylinders 3 & 4. See (A-14).

Tip: Greasing the flutes on the drill bit will act as an extra precautionary measure to help catch metal shavings while drilling.





INSTALLATION [CONTINUED]

2. Use a 1/8-27 NPT tap in the drilled hole. The engine should be running during this process as well. Make sure when starting the tap it is completely straight with your hole. Not tapping the hole straight can result in an exhaust leak. **DO NOT RUN THE TAP ALL THE WAY IN!** This is a tapered tap and running it all the way in could prevent you from being able to fully tighten the thermocouple bushing.
3. Using a 9/16 wrench, tighten the bushing. It only needs to be secured firmly. Overtightening may cause the exhaust manifold to crack or the threads to strip out on the bushing or the manifold.
4. Install the thermocouple probe into the bushing and tighten using your 9/16 wrench. (A-14)
5. Route the black and orange lead wires with the black two pin male connector from the Adrenaline main harness to the thermocouple and connect the two corresponding connectors together.

CONTROLPOD FUNCTIONS

Use the far right button to toggle between parameters being monitored. The far left button is the Up button and the middle button is the Down button. These buttons are used to turn the power levels up or down. You can change power levels from any screen at any time by simply pressing the Up or Down buttons. The ControlPOD will also display your EGT, Boost, Trans/Oil Temp, and Fuel Pressure. To use the Fuel Pressure feature you must purchase a Fuel Pressure kit from your dealer or directly from www.quadzillapower.com.

You can set warnings with the ControlPOD. To do this, you must have the Pod set on the parameter just before the one you are setting the warning for. Then, press and hold the far right button for 10 seconds. After 10 seconds, the screen will flash OFF. Next use the Up and Down buttons to select your temperature or pressure. Finally, press the far right button. This will set the warning for that particular parameter. If that warning is reached the ControlPOD will start flashing that parameter on the screen no matter what parameter was being displayed before. Once the temperature or pressure goes back down below that warning, it will go back to displaying the parameter that was initially on the screen before the warning came up.



RESOURCES

For the latest version of this installation guide, go to <http://quadzillapower.com/installation-instructions/>



Checkout our FAQ.
<http://quadzillapower.com/faq/>

Want to know what you can do with custom tuning?
Check out our custom tuning tutorial and find out
<http://quadzillapower.com/custom-tunes/>





WARNING

When working on the electrical system in your truck, jump starting, or removing batteries be sure to unhook the Adrenaline from the main wiring harness! Failure to do this can result in damage to the Adrenaline modules board, render it inoperable, and will void your warranty. If you need to jump your truck or someone else's vehicle, unhook the Adrenaline. Start both vehicles, then when the battery is charged enough to start the vehicle without assistance, shut the truck off and plug your module back in.

FUEL PRESSURE KIT

Your Adrenaline comes ready for the fuel pressure/transducer kit. It is 100% plug and play and can be purchased through your local dealer.

Note: The fuel pressure kit does not affect the Adrenaline's performance, and is only a gauge to monitor fuel pressure. This product is not needed for the Adrenaline to function properly.



iQUAD+

The iQuad+ wireless control module for the Adrenaline gives you all the same great features and functions of the Pulse V2 (discontinued), but now in high resolution color. The iQuad+ works with all iOS devices and android devices.

Without changing a thing on the Adrenaline we developed a specialized wireless module that gives the needed link between your module and smart device. Then you simply download our iQuad app for FREE and you are ready to go!

Pairing our iQuad with our latest V2 software is the next level of custom tuning available for the Quadzilla Adrenaline. Take complete control of how your truck is fueled from bottom to top and add in timing controls never seen in these VP44 powered trucks with over 30 parameters able to be controlled. Make all of these changes on the fly and then you can start to imagine what the V2 level of customization can give you.



TECH SUPPORT

Please contact your dealer for all Tech Support prior to contacting Quadzilla Power. Your dealer should be able to provide you with any assistance you might need. If further assistance is needed, Quadzilla Power, LLC can be reached by the phone number or e-mail address below. Any messages/e-mails received will be returned within the next business day.

801-872-5472

TECH@QUADZILLAPOWER.COM



Ask a question online:

www.quadzillapower.com/contact-support/

PHONE HOURS

Monday – Thursday

8:00am – 5:00pm MST

Quadzilla Power, LLC offers a 30-Day Money Back Guarantee for Electronic Modules returned in NEW CONDITION, as determined and verified by Quadzilla. Quadzilla Power, LLC warrants that all Goods shall be free of substantive defects in material and workmanship for a period of one (1) year, unless otherwise stated in writing. **Failure to register your product within 90 days of purchase will void the one (1) year unlimited mileage warranty.** Warranty registration requires proof of purchase and/or sales receipt. Any product returned for refund must be sent back to the dealer it was purchased from. Quadzilla Power, LLC does not refund the end user if product was not purchased direct. Please contact your dealer prior to returning products for refund.

An RMA # must accompany all returns and exchanges. The RMA # must be written on the outside of the box and be visible by the receiver, or they will be refused. Returns and exchanges must be shipped pre-paid or they will be refused.

Damage to any items occurred during shipping due to improper packaging is the responsibility of the customer. For any item not covered under WARRANTY the customer is responsible for all charges that include, but is not limited to: repair work, replacement of parts, replacement of items, and shipping back to customer. Quadzilla is not responsible for any damage or modification done to any items while in customer's possession. If items are not covered under WARRANTY the customer will be charged any and all expense to repair/replace any items damaged or modified. This does include improper care and installation. Unclaimed items sent in for repair or warranty after 30 days will be disposed of.

PLEASE CONTACT YOUR DEALER FOR ADDITIONAL PRODUCTS AVAILABLE FOR YOUR VEHICLE.

WWW.QUADZILLAPOWER.COM

WARRANTY

All QUADZILLA Performance Modules, Tuners, and units are covered by a one-year unlimited mileage warranty to the original purchaser, when purchased at MAP (except for Quadzilla authorized sales). Purchases from unauthorized dealers will not be warranted. Products are only eligible for warranty when registered at quadzillapower.com/Warranty_Card/.

WHAT IS WARRANTIED:

Any Performance Modules/Tuners Diesel Performance Enhancement Software specified for and Cummins and Powerstroke 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 WARRANTIED:

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. Products purchased under Minimum Advertised Price (MAP) will not be eligible for warranty through Quadzilla Power, LLC.

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 packaging. 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 20% restocking fee.

*** NOT CARB LEGAL: NOT FOR SALE OR USE IN CALIFORNIA OR CARB STATES.**

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 Power, LLC 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 Power, LLC (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 Power, LLC.

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.



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POWER

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WWW.QUADZILLAPOWER.COM

VISIT OUR WEBSITE FOR THE
LATEST VERSION OF INSTRUCTIONS
<http://quadzillapower.com/installation-instructions>