

ADRENALINE

ENGINE CONTROL SYSTEM



98 - 02 DODGE ADRENALINE INSTALLATION INSTRUCTIONS

PART NUMBERS: ADR1000, ADR1001, ADR1002, ADR1000-PCM, ADR1001-PCM, ADR1002-PCM



INTRODUCTION

THANK YOU FOR YOUR PURCHASE OF A QUADZILLA PRODUCT. WE KNOW YOU'LL BE MORE THAN SATISFIED WITH THE INCREASED PERFORMANCE OUR PRODUCT PROVIDES. BE SURE TO TELL YOUR FELLOW DIESEL TRUCK OWNERS ABOUT QUADZILLA.

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.

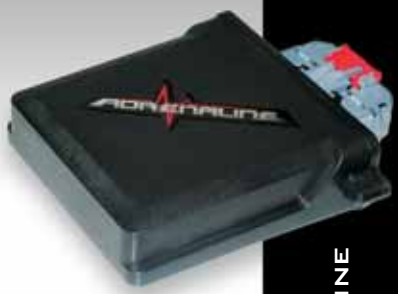
THE INSTALLATION OF THIS PRODUCT INDICATES THE BUYER HAS READ AND UNDERSTANDS THIS AGREEMENT AND THE 'DISCLAIMER OF LIABILITY' AGREEMENT CONTAINED AT THE END OF THIS DOCUMENT AND ACCEPTS ITS TERMS AND CONDITIONS.

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

Before beginning the installation of your new Adrenaline module, 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 special attention to avoid any moving, sharp, or hot engine components.

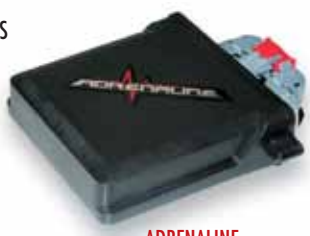
It is recommended to disconnect both batteries before installation.



SUPPLIED ITEMS:

ADRENALINE/CONTROLPOD

- ADRENALINE MODULE
- MAIN WIRING HARNESS
- CONTROLPOD
- USB CABLE
- THERMOCOUPLE
- FITTINGS
- TRANS TEMP



ADRENALINE

ADRENALINE/PULSE

- ADRENALINE MODULE
- MAIN WIRING HARNESS
- PULSE MONITOR
- USB CABLE
- THERMOCOUPLE
- UNIVERSAL PULSE MOUNT
- FITTINGS
- TRANS TEMP



CONTROLPOD



PULSE

REQUIRED TOOLS:

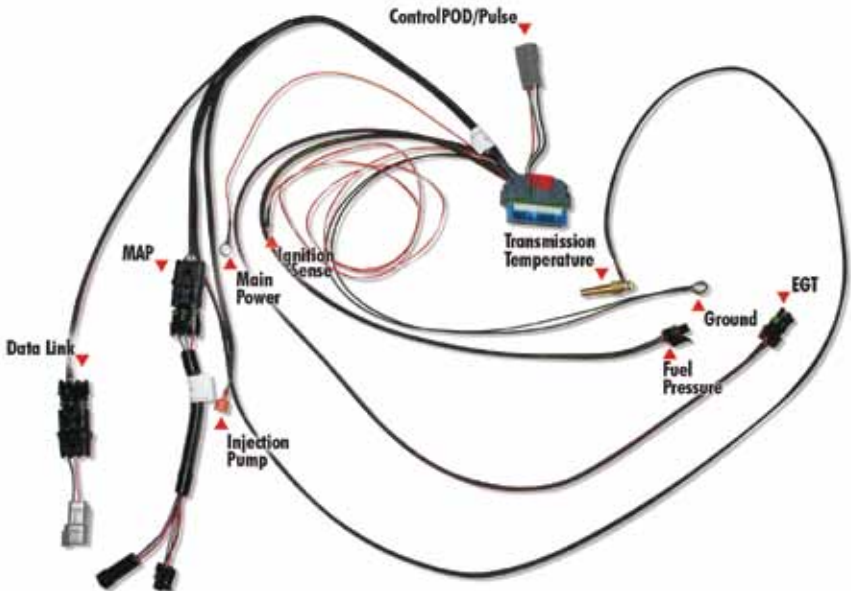
SIDE CUTTERS	RAZOR BLADE OR KNIFE
1/2" WRENCH	11MM SOCKET/WRENCH
9/16" WRENCH	13MM SOCKET
3/8" WRENCH	DRILL
5/8" WRENCH	21/64" DRILL BIT
1/4" OR 3/8" RATCHET	1/8" - 27 NPT TAP



ADRENALINE POWER LEVELS**

- | | |
|---------------------------------------|--------------------------|
| PL00: Stock with Boost Fooling | PL05: 105 HP Gain |
| PL01: Max Mileage | PL06: 120 HP Gain |
| PL02: 60 HP Gain | PL07: 135 HP Gain |
| PL03: 75 HP Gain | PL08: 150 HP Gain |
| PL04: 90 HP Gain | PL09: 165 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 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 Temp Installation: Route the brown wire with the small ring terminal to the oil filter housing. Using an 11 mm 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 brown wire to the sensor making sure the fiber washer is between the ring terminal and the sensor. (A-1)



4. Transmission Temperature Installation: Route the brown 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)





INSTALLATION (CONTINUED)

A-3



Assemble the necessary fittings and temperature probe and install in the test port. Connect the brown 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) Cut the protective sleeve back far enough to place your wire tap.

Tap the wire closest to the block, in the upper most set of wires. (A-6) DO NOT rotate the tap after you have installed it, as it will compromise the connection.

Connect the dark green wire to the tap and re-install the TPS housing. (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 certain the batteries are disconnected and you have tapped the correct wire before attempting to start the vehicle.





6. Locate the Data Link sensor. The Data Link is located below and just forward 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 will 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 making sure the locking tab locks in place. (A-8)



7. Connect your MAP sensor pigtail. There are 3 different styles of MAP sensors, but 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)





INSTALLATION (CONTINUED)

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, white and 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/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. Connect the red/white wire to the #9 fuse inside the cab using the mini fuse tap provided. (A-12)



10. The ideal location to mount your ControlPOD 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 #8. Connect the plug to the main Adrenaline harness.



11. Connect the short red wire to the positive battery terminal. (A-13)
12. 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.



13. Re-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.
14. Re-connect the batteries and start your truck. Check and make sure 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. Using a sharp 21/64 drill bit with your engine running, drill a hole slowly and carefully in the exhaust manifold between cylinders 3 & 4. * See (A-14) for reference. * Tip: Greasing the flutes on the drill bit will act as an extra precautionary measure to help catch metal shavings while drilling.
2. Use a 1/8-27 NPT tap in the drilled hole. The engine should be running during this process as well. Make sure that when you start your tap it is parallel in all planes with your hole. Not getting the hole tapped straight could result in an exhaust leak.



INSTALLATION (CONTINUED)

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 tighten the thermocouple bushing completely.

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, then use the Up and Down buttons to select your temperature or pressure, then 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 beforehand. 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.





TECH SUPPORT

Please contact your dealer for all Tech Support prior to contacting Quadzilla Performance. Your dealer should be able to provide you with any assistance you might need. If further assistance is needed, Quadzilla Performance Technologies, Inc. can be reached by the phone number or email address below. Any messages/emails received after 6:00 pm will be returned the next business day.

888-842-6572

QZSERVICE@QUADZILLAPOWER.COM

HOURS OF OPERATION

Monday – Friday
9:00am – 6:00pm CST

USB UPDATES

Quadzilla is continually advancing in development of software and products. Remember to check the website for new and improved software updates for your Adrenaline. Please read the instructions available on the website prior to performing any updates to your module.

**** DO NOT CONNECT THE MODULE TO THE COMPUTER UNTIL INSTRUCTED TO DO SO. ****

Quadzilla Performance Technologies, Inc. offers a 30-Day Money Back Guarantee for Electronic Modules returned in NEW CONDITION, as determined and verified by Seller. Quadzilla Performance Technologies, Inc. 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. Any product returned for refund must be sent back to the dealer it was purchased from. Quadzilla Performance Technologies, Inc 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 and must be written on the outside of the box and be visible by receiver or they will be refused. Returns and exchanges must also 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 includes 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 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.



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

PULSE

The Pulse Control Monitor (PCM) is the latest state-of-the-art advancement from Quadzilla. Made to work exclusively with the Adrenaline series of modules, the Pulse is the most technologically advanced monitoring system on the market.



Installation is a snap with one simple connection to the Adrenaline wiring harness and you are ready to go. We also have a complete line of full-length and half-length pillar mounts based on your application.

PILLAR MOUNT

For a factory style mounting option, we offer an easy-to-install pillar mount product.



MONSTER AIR INTAKE

Quadzilla Monster Air Intakes are the finest quality, most cost-effective intake kit on the market. Teaming up with AFE filters, the Monster Air Intake can increase your fuel mileage up to 10%, and can also provide an additional 35hp and 65ft lbs. of torque.



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.

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.

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.



QUADZILLA

PERFORMANCE

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