



2007.5-2009 DODGE ADRENALINE

Part Numbers: ADR1007, ADR1007-PV2

Supplied Items:

Adrenaline Module
D-9070-1A Main Wiring Harness
Adrenaline ControlPOD / Pulse V2*
Pulse V2 Cable*
USB Cable
Thermocouple
F-50-0767 OBD2 Cable
Tapped Banjo Bolt
Banjo Bolt Washers
Transducer
Race Valve

Required Tools:

Side cutters for trimming plastic ties
Razor blade or knife if cutting through the firewall grommet (optional)
9/16 Wrench
17mm Wrench or Socket
3/4 Wrench
21/64 Drill Bit
1/8 27 NPT Tap
8mm and 10mm Socket
11mm and 18mm Wrench or Socket

*inclusion depends on year and part ordered

Release the Beast

Thanks 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 is a high performance product and we suggest that you also install Exhaust Gas Temperature (EGT) gauges and boost gauges with all Quadzilla Stealth modules and chips. 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.

This is a high performance product. Use at your own risk. Be sure to read the disclaimer before beginning any installation of this product.

Introduction

Important: Read the disclaimer completely before installing your Quadzilla product.

Before beginning the installation of your new Adrenaline Module, make sure the ignition is in the off position and the key is removed from the ignition. We also recommend disconnecting the batteries for extra safety after steps 1 thru 4 have been completed.

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

It is highly recommended that the module only be used when the engine is up to operating temperature. If use in the higher level is needed, you may consider a Monster Air Intake or a 4" exhaust system as well.

Module Information

Adrenaline Module Power Levels*:	Level 00: Stock with Boost Fooling	Level 04: 60hp
	Level 01: Max Mileage	Level 05: 80hp
	Level 02: 20hp	Level 06: 100hp
	Level 03: 40hp	

***Note** – Power level output and gains may vary when using custom tuning.

Module Installation

1. Remove the dipstick and four bolts holding the plastic cover plate on the top of the engine. (Figure 1)



2. Using an 11mm wrench remove the 2 clamps holding the EGR tube that crosses in front of the valve cover. You do not have to remove the tube only tilt the tube up towards the front of the truck. (Figure 2)



3. Using a 10mm socket and wrench, remove the bolt that holds the dipstick tube to the bracket and the 6 bolts that hold the air horn to the manifold. Making sure not to damage the gasket, slide the air horn forward so that you can access the front of the fuel rail. (Figure 3)



4. Remove the 18mm fuel rail valve located on the front of the fuel rail. (Figure 4)



5. Re-install the fuel valve and tighten it down to 50 ft. lbs.

6. Now you can re-install the air horn, make sure to line up the six holes in the gasket with the bolt holes for the air horn. Also connect the dipstick tube to the bracket on the air horn.

7. Line the EGR tube back up. For easier installation, line up one side to its connection, install the clamp but leave it loose enough so you have a little movement to connect the other side. Then fully tighten both sides, once you have both sides lined up correctly.
8. Locate the fuel pressure sensor on the back of the fuel rail close to the fire wall. Plug the factory connector into our harness and our harness into the fuel pressure.
9. Next, choose a suitable location for the Adrenaline module itself. The ideal location is to mount the Adrenaline to the top of the fuse panel cover or any other location that you feel is suitable.
10. Next lay out the main harness so that you can run each connector to its respective location.

11. Begin by installing the thermocouple probe into the exhaust manifold which is located on the passenger side of the engine. The best location for the probe is between cylinders #3 and #4 as shown in figure 1. Using a good sharp 21/64 drill bit and with your engine running, drill your hole slowly and carefully. *See figure 1 for reference. * Tip: Greasing the flutes on the drill will act as an extra precautionary measure to help catch metal shavings while drilling. (Figure 5)



12. Next using a 1/8 27 NPT tap, tap the hole you have just drilled in the manifold. 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. **DO NOT RUN THE TAP ALL THE WAY IN!** The NPT tap is a tapered tap and running it all the way in could result in the hole being too large or the thermocouple bottoming out on the other side of the manifold wall and not sealing properly. We



recommend running the tap in about halfway then test fitting the thermocouple bushing. If the hole is not large enough to start threading the bushing in, reinstall the tap and tap the hole a little further until the bushing will thread in securely. We recommend not running the tap in over $\frac{3}{4}$ of its length. After the hole has been threaded properly you may turn the engine off. Using a 9/16 wrench tighten the bushing, it only needs to be secured firmly. Over tightening may cause the exhaust manifold to crack or the threads to strip out on the bushing or the manifold so it just needs to be a snug fit. Following the bushing installation, install the thermocouple probe into the bushing and tighten using your 9/16 wrench. Once this has

been done, go ahead and 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.

13. Locate the Fuel Rail Pressure Sensor. This sensor will be located on the very back of the Fuel Rail itself closest to the firewall. It is a three wire sensor with an orange weather seal. Disconnect the factory Fuel Rail sensor by pressing on the locking tab and pulling the connector away from the sensor. If this connector has never been removed it will be stiff and you may need to use a pair of needle nose pliers. If pliers are used, be careful not to crack or damage the connector in any way. These connectors will only plug in one way but be sure to pay attention as to what side the locking tab is on before removing the connector. Once the connector is removed connect the corresponding plug from the Adrenaline harness into the Fuel Rail sensor and then connect the factory connector into the molded connector of the Adrenaline harness. Be sure that both connectors' locking tabs are locked in place. Failure to do so will result in the truck not starting or it will start and idle very rough and set a Check Engine Light. (Figure 6)



14. Locate the MAP Sensor. This is a four wire sensor that is located on the intake horn. Disconnect the sensor by pressing on the locking tab and pulling the plug away from the sensor. Insert the matching MAP connector from the Adrenaline harness into the MAP sensor. Connect the factory connector into the molded connector on the Adrenaline harness. Make sure when you plug these connections together that the locking tab slides over the ramp and locks in place. Failure to do so could result in a Check Engine Light and loss of power. (Figure 7)

15. Connect to the OBDII connection which is what will supply the Adrenaline with power and ground. The OBDII connection is located at the bottom of the drivers side knee panel. This adaptor must be run through the firewall grommet located towards the bottom of the driver's side firewall. (Refer to Figure 5 for grommet location). Once the connector is inside go ahead and connect it to the OBDII port. After connecting to the port inside go ahead and plug the other end of the adaptor into the corresponding plug on the main harness of the Adrenaline making sure the locking tab locks in place securely. Failure to do so can result in the truck not starting or no power. The remaining slack from this cable can either be zip tied up under the dash or left in the engine compartment and zip tied up there, be sure to avoid any sharp, hot or moving parts when left in the engine compartment. (Figure 8 & 9)



16. Next step is to install the Fuel Pressure Transducer. The Transducer must be installed on the back of the fuel filter where the fuel comes into the bowl. Using a 17mm wrench or socket Remove the banjo bolt and dispose of the two factory banjo bolt washers. Attach the Transducer and the supplied Tapped Banjo Bolt fitting together. The Transducer has 1/8" NPT threads which are tapered so you do not have to tighten it completely to the end of the threads. It just needs to be tightened to a snug fit to prevent leaks. If the fitting is over tightened it can strip the threads on the Transducer. Now that the two fittings have been attached go ahead and install one of the washers on the Banjo Bolt so that when screwed into the pump it will seal the top of the fitting. Then slide the Banjo Bolt through the fuel line and slide the other washer on so that it will seal the bottom of the line. Go ahead and screw the banjo fitting by hand until it is snug and leave it that way for now. We recommend bleeding the fuel line before tightening it up all the way to allow any air in the lines to escape so that the Transducer will read accurately. Once the rest of the installation has been completed you can start the truck; you may have to loosen the transducer slightly



until a small amount of fuel comes out, and then tighten the banjo fitting down firmly. Do not over tighten this fitting; over tightening can cause damage to the pump. It is best to hand tighten it back down while the truck is running, then shut the truck off and using the 3/4" wrench tighten the banjo about a 1/4 of turn which will give it a snug fit and prevent any leaks from occurring. Now that it is installed and tightened down securely go ahead and connect the four pin connector from your Adrenaline harness to the Transducer. (Figure 10)

17. **Turbo Timer Connection:** For this connection you will have a red wire with a white stripe. This wire must run through the

firewall and into the cab. This wire will need to be run through the same grommet as in Step 7. Up under the dash next to the steering column there will be a five pin connector. This connector will only have four actual wires. On this connector is a pink wire. The T-Tap will need to be placed on this wire and the red wire with the white stripe must be plugged into the T-Tap. Make sure that the T-Tap is clamped together good so that it will make a good connection with the wire. Failure to get a good connection will result in the turbo timer to not work properly. You may also want to unplug the connector so that it can be a little easier to access the wire and install the T-Tap. (Figure 11)

18. After everything has been installed and completed under the hood the next step is to run the ControlPOD harness or the Pulse harness through the firewall and into the engine compartment. There is a grommet in the firewall that can be removed to allow you access through the firewall. You can pull the grommet out to the inside of the cab and either run the harness through and put the grommet back in place or you may want to cut a slit in the grommet just large enough to push the connector through and run it this way. Once the plug has been run through the firewall you will need to plug the connector into the corresponding plug on the Adrenaline harness. If you are installing the Adrenaline with the Pulse and you have the pillar mount also be sure that the Pulse is mounted in the pillar mount before running the wires through the firewall. (Refer to Step 15 Figure 9 for grommet location.)

19. Next you need to select a location to mount the ControlPOD. The most ideal location is on top of the steering column just behind your emergency flasher button. This way the POD is easily accessible and in plain sight. If you are using the Pulse without the pillar mount we recommend mounting it to the top of the dash next to the pillar for easy accessibility. The remaining slack from these harnesses can either be zip tied up under the dash or pulled through to the engine compartment and zip tied there out of the way. Be sure that if you pull the slack through to the engine compartment to avoid any sharp, hot or moving parts.



20. Once everything has been installed go back over all connections making sure everything is properly installed and that all connections are firmly attached to their corresponding locations. At this time go ahead and reconnect your batteries back up, turn the key on and start your truck. Make sure that the display comes on and that all parameters being displayed on the ControlPOD or Pulse and are reading and reacting properly. The truck should idle normal. If the truck has a rough idle or is hard to start or will not start at all or has a Check Engine Light you need to check all the power and ground connections as well as the connection to the Fuel Rail sensor and MAP sensor. You may want to disconnect these connectors and check the pins and wires on each connector to make sure none of the wires are loose or any of the pins are bent and not making a good connection. You can also disconnect the Adrenaline module and check the pins on the module and harness connectors to be sure all the pins are locked in place and making a good connection then re-connect the Adrenaline and restart the truck again. Anytime you disconnect the Adrenaline this will reset the module so if it is having an issue resetting it could cure the issue. You can also go to our website and update the module. If there is an issue with software on the module, updating it can cure the issue as well. If you are still having issues with parameters not reading or the truck not starting or idling rough please contact the Quadzilla Tech Department for assistance. If everything is reading and displaying correctly your installation is now complete.
21. ****Special DPF and Regeneration Note:** This product does not alter the factory regeneration or emissions components in any way. The Regeneration process and DPF status is monitored continuously and will automatically de-fuel itself when the regeneration process is active to avoid interference. This setting can be disabled using the Pulse V2. For more information the Pulse V2 instructions.
22. **Control Pod 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.
23. The ControlPOD will also display your EGT, Boost, Transmission Temperature, and Fuel Pressure. The ControlPOD will only display one parameter at a time but you can toggle through each parameter by pressing the far right button on the ControlPOD. You can also 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 before hand. 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.
24. You may also go to our website www.quadzillapower.com and check for any updates or new tunes. Simply click on the USB Updates link from our homepage then select the Adrenaline updates for you particular year of truck for a variety of different tuning files. Simply download the one you wish to use and follow the onscreen instructions. ***Note*** Do not plug your Adrenaline module into your computers USB port until the installation prompts you to do so, plugging the module in prematurely may cause the software drivers to be installed incorrectly or to an incorrect location which will cause issues while trying to update your module.

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.

*Legal in California only for racing vehicles which may never be used upon a highway.

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.