

Power Edge Juice Module

Chevy/GM Duramax Diesel®



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Thank you for purchasing the Power Edge *Juice* Module for the Chevy/GM Duramax Diesel®. The *Juice* module has been developed and produced from the highest quality materials available to ensure the best performance for years to come. If you have any concerns or questions, please contact us.

The *Juice* Module is a high performance product

It is strongly recommended that EGT gauges and boost gauges

be installed with the use of this product.

**THIS PRODUCT MUST BE REMOVED WHEN TAKING VEHICLE TO VEHICLE DEALERSHIP OR
OTHER SERVICE FACILITY!!**

**LEAVING PRODUCT INSTALLED MAY AFFECT DEALER DIAGNOSTIC ANALYSIS
AND SCAN TOOL FUNCTIONS!!**

The installation of this product indicates that the BUYER has read and understands this agreement as well as the "disclaimer of liability" agreement contained at the end of this document and accepts its terms and conditions.

Power Edge Juice Module Installation Instructions

IMPORTANT: Read all Disclaimer, Warranty, and Installation Instructions before installing this product.

Supplied Items:

1. Power Edge Juice Module
2. Three Wire Ties
3. Two Velcro Strips

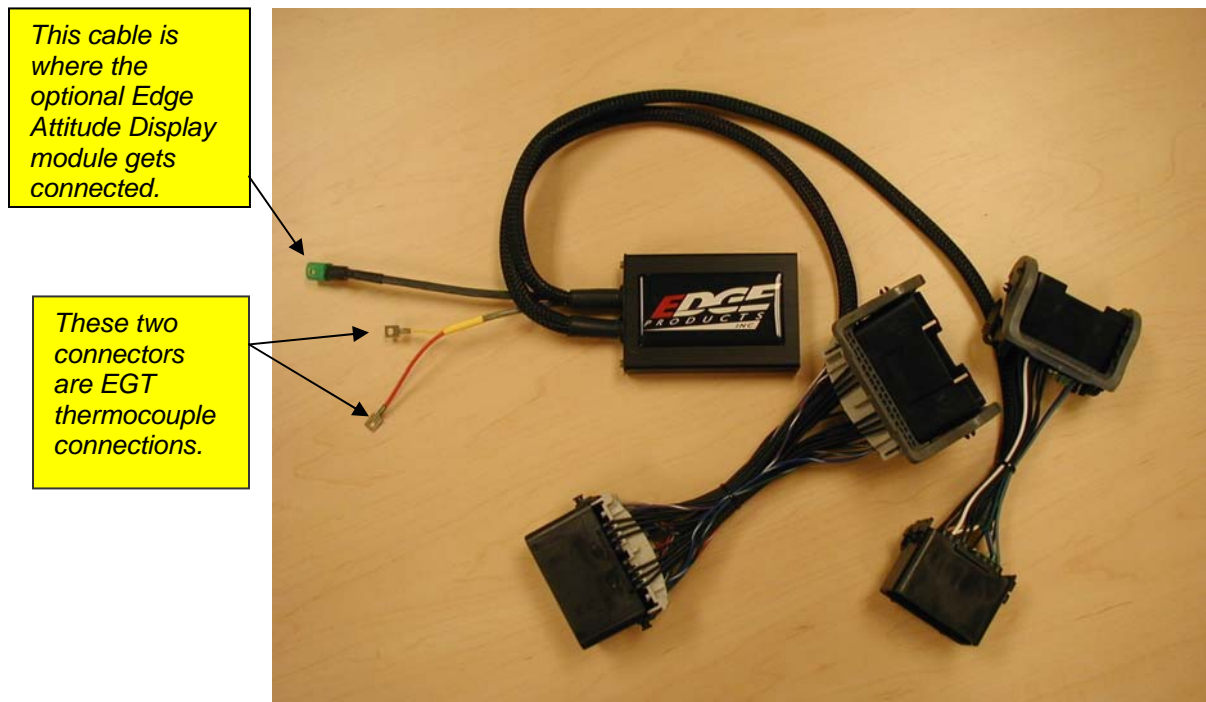
Items Required:

None

Please read these instructions through completely and thoroughly understand each step prior to installation.

The Power Edge Juice Module

This picture shows the Power Edge Juice Module with the harness cable and optional Edge Attitude Display wiring attached.

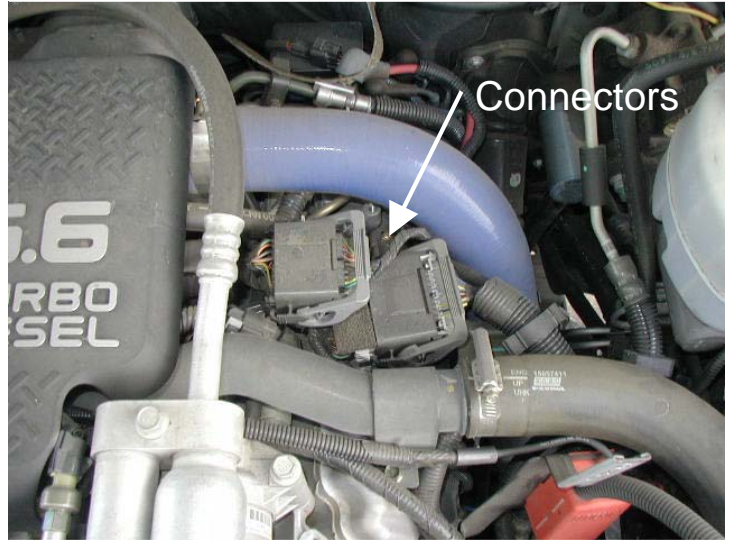


Module Installation

1. The Power Edge Juice Module can mount on top of or to the side of the black plastic fuse box cover located on the driver's side fender. Adhere the module using the supplied Velcro, allowing enough harness movement for removal of the cover.

Harness Connection

2. Disconnect both stock connectors by squeezing the ears on the backside of the connector and pulling the gray lever.
3. Insert the Juice connectors and lock in place with gray levers.



Notice: Use caution when inserting connector bodies. If connector does not slide smoothly inspect pins and retry.

Final Inspection

4. Recheck all connections for a properly secure installation.
5. Using the supplied wire ties, secure the wiring harness from possible damage.
6. Start engine. Engine should start and run like a stock truck. If engine does not start or run properly, remove box and inspect pins inside connector. If conditions still exist, contact your dealer or Edge Products Inc. When trying to restart, wait 10 seconds once key has been turned off.

Adjusting Power Levels

7. The Juice has four power levels to choose from. Individual power levels can be selected for the Normal and Tow/Haul transmission modes.
8. To adjust power level:
 - a. Set Park Brake
 - b. Turn key on, engine off (engine must not be running).
 - c. Select the desired transmission mode to set the power level for (Normal or Tow/Haul).

- d. Place gear selector in the gear corresponding to desired power level (D=4, 3=3, 2=2, 1=1, R=0).
- e. Press accelerator to the floor two times.
- f. Return gear selector to Park and restart.

Power Level Confirmation

9. To confirm the power level that is selected:
 - a. Place gear selector in Park with foot off of the accelerator while engine is idling
 - b. Select Normal or Tow/Haul to confirm desired setting
 - c. Place gear selector to reverse, neutral, reverse, then back to park. P-R-N-R-P
 - d. The engine will rev to coincide with the power level selected

Note: If power level was changed just prior to performing the level confirmation, cycle the Tow/Haul button once. Also, power levels must be programmed, not left at default for confirmation to work properly.

Key Features and Operation

10. The Juice Module is an add-on ECM for the Duramax® Engine that offers additional features not available with the factory setup. These features include:
 - a. Engine temperature is monitored and power increase from the Juice module is provided as engine reaches operating temperature
 - b. Different power settings are selectable for Normal and Tow/Haul transmission modes
 - c. Transmission function is monitored. If any transmission slip is detected power is decreased to eliminate slippage
 - d. Power is decreased during shifts when torque converter is locked up
 - e. Power is decreased during torque converter lockup

The Juice module offers a large power increase over stock throughout the rpm range, but is most noticeable in the midrange rpm's. This greatly improves drivability and towing performance. Transmission downshifting is greatly reduced, especially while passing or towing upgrades.

It is recommend that while towing the Tow/Haul transmission mode is used. This provides torque converter lockup in gears 2-5 which reduces transmission heat and also holds a gear longer to keep the rpm's higher. It is not recommended to tow or put a lot of power through the transmission below 1800 rpm.

While towing, the Juice module allows the engine to pull many grades in the mid rpm's rather than having to downshift and pull them in the high rpm's. This provides for lower EGT (Exhaust Gas Temperature) with the same power output. EGT rises significantly with rpm--especially above 2500. It is highly recommended to install an EGT gauge while using the Power Edge Juice

It is recommended while towing to use power levels 1 or 2 due to EGT and transmission stress

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 its terms and conditions

DISCLAIMER OF LIABILITY

Edge Products 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 **BUYER** is responsible to fully understand the capability and limitations of his/her vehicle according to manufacturer specifications and agrees to hold the **SELLER** harmless from any damage resulting from failure to adhere to such specifications.

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 sale of any such equipment.

The **BUYER** is responsible to obey all applicable federal, state, and local laws, statutes, and ordinances when operating his/her vehicle, and the **BUYER** agrees to hold **SELLER** harmless from any violation thereof.

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.

The **SELLER** recommends that the **BUYER** temporarily remove this product from his/her vehicle when having the vehicle serviced by a dealership or other service facility. Failure to do so may cause erroneous diagnostic readings or misdiagnosis of vehicle problems. The **SELLER** assumes no liability for failure to do so.

LIMITATION OF WARRANTY

Edge Products 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 sold 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 except by a written instrument signed by **SELLER** and **BUYER**.

The Warranty is Limited to two (2) 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 Edge Products 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 will the **SELLER** be liable for any damage or expenses insured by reason of the use or 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 SIXTY (60) DAYS FROM 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.