

dfuser-X Power Module



Questions: Send email to support@dfuser.com

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User Guide

What

This device is designed for 1999-2003 7.3L F-250/F-350/F-450 and Excursion Powerstroke Turbo Diesel Engines as an easy and quick modification. The Modules allows control over the injection timing, and can stacked over existing module for better control.

Installation Instructions

Pre-Cautions

- Take the time to read and understand these instructions.
- Use proper tools when installing
- Use proper safety gear
- This modification is considered a performance enhancement to your engine management system, and may alter emissions.

PS: For further information and questions please contact your distributor.

Tools recommended for installation

- 10mm socket, or wrench to ground wire
- Flat screw driver to screw in wire harness to power module
- Loom wiring to protect wire harness
- Electrical Tape Used as protective covering on ICP connection
- Pliers to crimp the Red Scotchlok

Disclaimers

Gauges are recommended. Due to the variances in stock engine and transmission programming, the Module can have varying results on Exhaust Gas Temperatures (EGT). For that reason we recommend the use of a pyrometer on your truck. If you choose to not install gauges prior to using your Module, do not use more than $\frac{3}{4}$ turn during heavy towing, and avoid spending more than 2-3 seconds at redline to avoid spiking EGT.

Remove all upgrades before servicing or prior to visiting the dealer. This avoids confusion from the dealer who may not be familiar with these products. These products can also interfere with the normal troubleshooting procedures that are used in fixing some common engine problems where injector timing and pressure are related.

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

Installation

Ground Black Wire: Ground the unit using the short black wire with open or ring terminal (**Figure 1**).

Red Wire: Connect the Red wire to the RD/GR wire (Red with Green stripe) on your throttle pedal and tap into it using the supplied 3M Scotchlok™ (Red) T-Tap Disconnect Terminal.

99-early 01: Have two separate connectors on the pedal assembly, and late 01-03 will have one.

Late 01-03: Have a single connector. IVS wire color is RD/GR (Red with Green stripe)

Oil Temperature Sensor:

7.3L: Locate the Oil temperature sensor (Located on the HPOP just next to the fuel filter bowl) facing the cab. Unplug the plug to it and insert the provided harness in between the factory plug and Oil temperature sensor (**Figure 2**).

Dial Knob:

Make sure all your connections are of good quality, that all wires are neatly tucked out of the way of the brake/accelerator. Drill and mount the knob anywhere close within your reach.

Crank it up and test this new found horsepower! Start your testing with the dial in the full counter clockwise position. This is the minimal setting. As your vehicle warms up, add some power by moving the dial clockwise.

Finishing Up:

Clean up your installation. Crank it up and test this new found horsepower! Start your testing with the dial in the full counter clockwise position. This is the minimal setting. As your vehicle warms up, add some power by moving the dial clockwise. 1/8 to 1/4 turn should provide noticeable gains.

PS: Always start with the Timing Dial at Zero (Minimum) when Engine is cold

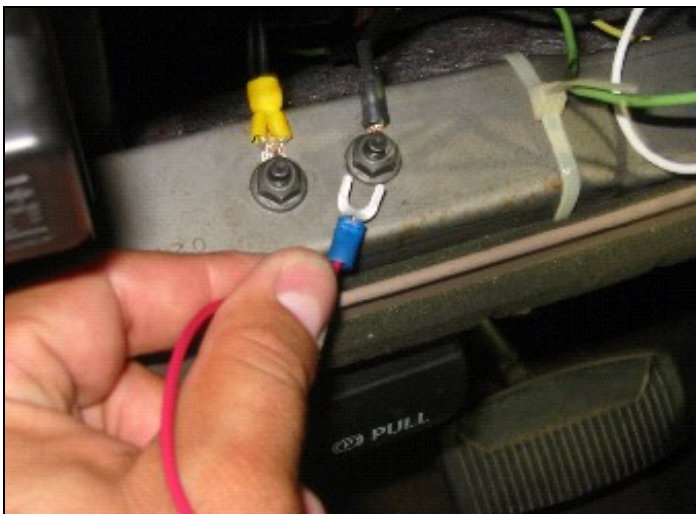
General Note

Some vehicles will not be able to use the full power of this module due to variance in the HPOP. Adjust your module accordingly. Start in the high setting, with dial wide open, and work your way down to insure your SES light does not come on. Once you determine the level where you SES light is not triggered, this should be your highest setting.

Parts List

Dfuser -X Power Module.

Scotchlok™ (Red) T-Tap



Ground connection (Figure 1)



Oil Temp Sensor on Late 99-03 7.3L (Figure 2)

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

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Dfuser.com 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 occasional 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.

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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.

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Dfuser.com (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**.

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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 TEN (10) 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.

AFTERMARKET PRODUCTS AND YOUR VEHICLE'S WARRANTY

Many of our customers ask, "Will your product void my vehicle manufacturer's warranty?" While the answer is straightforward from a legal standpoint, we also want to educate our customers (and aftermarket Consumers) on some industry realities and offer some common sense precautions to minimize your risk.

Consumers of aftermarket products are protected by The Federal Magnusson-Moss Warranty Act. The Act states that if something breaks on your car and you take it in for warranty repair, the dealer must honor your warranty unless they can prove that whatever modifications you have added to your car actually caused the problem.

While as a consumer, you have strong legal protection with regards to your vehicle's warranty, there is also a practical reality that different automotive manufacturers and dealers have greatly varying views on aftermarket products, in particular those that produce horsepower, such as performance enhancement chips, modified intake manifolds, or aftermarket exhaust systems. There are dealers and manufacturers out there that will use the presence of a horsepower upgrade to void your vehicle's warranty. They will do this regardless of whose product you are using. Any aftermarket company that does not acknowledge this is misleading you.

The bottom line is that while the law protects the consumer and provides for enforcement of the warranty, it is very difficult for most people to hire an attorney and fight a voided warranty. Dfuser.com recommends that you always disconnect and remove your module and monitor when you take your vehicle to a dealer for warranty work in order not to interfere with Diagnostic equipment.