

**MILEAGE MAX**



***03'-07 Ford 6.0 Powerstroke  
Installation Instructions and Manual  
P/N: 10401***



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**The Mileage Max 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.

**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 successors, 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 sale of any 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**

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 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 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.

If the **BUYER** sends back a failed unit that is out of warranty and chooses to buy a refurbished unit, the refurbished unit will only carry a 60 day warranty. If the **BUYER** purchases a new unit at a predetermined discounted rate, it will have the standard 1 year warranty.

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.

**This warranty is void for any new products purchased through auction websites. Warranty is valid only for new products purchased through Authorized Dealers (proof of purchase required for all warranty claims).**

**All Edge modules and programmers are built to operate with OEM calibrations. When you take your vehicle to a service center they may, by your request or otherwise, update your vehicles calibrations. Therefore it is important that you return your vehicle to stock before taking it in for service. Edge updates its active products (i.e. those currently being manufactured) to work effectively with updated OEM calibrations. However, this process can take some time as Edge is not always made aware of calibration changes made by the OEM. In the case of discontinued products, Edge cannot ensure that your unit will work effectively if you take your vehicle to a dealership and you are given, by your request or otherwise, a new calibration.**

## **IMPORTANT INFORMATION ABOUT YOUR VEHICLE'S WARRANTY — PLEASE READ!**

Many of our customers ask, “Will your product void my vehicle’s manufacturer’s warranty?” While the answer is straightforward from a legal standpoint, it’s important to educate our customers (and all after-market 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 vehicle and you take it in for warranty repair, the dealer must honor your warranty unless whatever modifications you have added to your vehicle actually caused the problem in question.

Edge is committed to providing quality products that are safe to use. Our products do not cause damage to a vehicle when used as intended. Please keep in mind that towing in anything higher than level two and hard driving in levels four and five are not recommended. However, the reality is that many dealerships have been known to void warranties on vehicles that use aftermarket products as a matter of policy. This applies in particular to those aftermarket products that produce horsepower, such as performance enhancement “chips,” modified intake manifolds, or aftermarket exhaust systems, regardless of product brand. Any aftermarket company that does not acknowledge this is misleading you.

Although you have strong legal protection as a consumer in regard to your vehicle’s warranty, the practical reality is that taking legal action against a dealer or manufacturer to fight a voided warranty is a costly and time-intensive process. For this reason, Edge strongly recommends **you always disconnect and remove your module/programmer and monitor when you take your vehicle to a dealer for warranty work.** It is also for this reason that Edge focuses the bulk of their product development efforts on producing modules and digital monitors that can be easily removed. Even if you remove your unit, you should note that dealers can detect the use of ANY programmer — Evolution or otherwise — even if the unit has been removed.

## Introduction

Thank you for purchasing the *Edge Mileage Max* for the Ford® 6.0L Diesel. The *Mileage Max* has been developed and produced from the highest quality materials available to ensure the best performance for years to come. If you have any questions, please contact Edge Products. We will be very happy to answer your questions about our complete product line.

- The *Mileage Max* is an add-on Engine Control Module (ECM) for the Ford Powerstroke® 6.0L Engine that offers additional features not available on a stock engine. Since it is an “add-on” ECM, it uses all the factory data, and then enhances the factory settings to optimize your truck’s performance.
- The Mileage Max was developed and tested by Edge’s engineers using a Mustang dynamometer to duplicate typical driving conditions. Both input and return fuel lines from the test truck were run into a separate tank containing a known quantity of fuel placed on an extremely accurate digital scale. With the truck fully warmed, the cruise control was set to 70 MPH in overdrive and a constant load applied to simulate highway driving. The weight of the consumed fuel was then subtracted from the original weight and converted into MPG.
- Repeated test results showed the Mileage Max delivered up to 7% improvement in fuel economy (depending on year and model of the vehicle) and up to 35 more horsepower and 70 ft lbs of torque. In order to ensure accuracy several tests were performed and an average made with and without the Mileage Max using the same conditions on the same dyno. For a more detailed description of the procedure, go to [www.edgeproducts.com](http://www.edgeproducts.com).

The Mileage Max offers a power increase over stock throughout the RPM range, but the power is most noticeable in midrange RPM’s. This greatly improves drivability and towing performance. Transmission downshifting is greatly reduced, especially while passing or towing.

# Edge Mileage Max Installation Instructions

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

## **Supplied Items:**

1. Edge Mileage Max Module
2. Harness Cable
3. Instruction Manual
4. Velcro
5. Zip ties

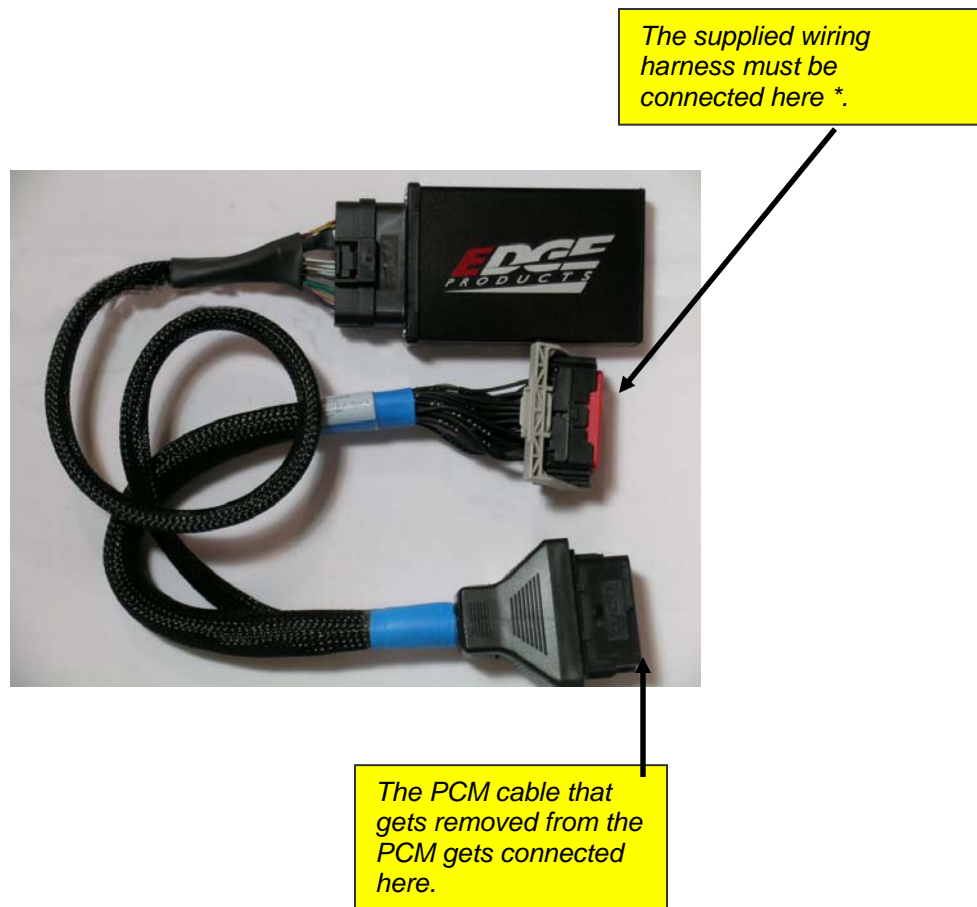
## **Needed Items:**

1. 8mm wrench to disconnect battery terminals
2. Regular screw driver

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

## Edge Mileage Max

This picture shows the Power Edge Mileage Max with the harness cable attached. It is essential that the cable that is supplied with the module gets connected as shown in the picture. The Mileage Max may be equipped with additional wiring; these connections are mainly used for testing and manufacturing.



**\*Note:** If the PCM cable is not installed correctly, the truck will either run at the stock power level or not start (depending on the manufacture date of the truck). If either of these symptoms occurs, be sure and check your cable connections.

## Module Connection Location

This picture shows the location where the module will be installed.

The Power Edge Mileage Max can rest to the side of the power steering fluid reservoir located on the driver's side fender.



## Harness Connection

1. On the driver's side of the engine compartment, remove the battery cables (positive first) using an 8 mm wrench. Disconnect the cables on the driver's side battery ONLY.
2. Remove the battery cover by releasing the tab located on the left side (towards the front of the vehicle) of the battery cover. You may need to use a screwdriver to pry the tab.
3. Then Remove the battery from the truck.



4. Then disconnect the middle of the 3 connectors on the PCM.
5. Connect the harness that was supplied with the Mileage Max to the middle connection.
6. Then plug the factory connector that was disconnected from the PCM into the other end of the Mileage Max harness.

**Note:** Be sure to press the connectors together before you flip the grey tab over. DO NOT pull the connectors together using the grey tabs. Doing so will either bend the pins in the connectors or keep the connectors from making a tight seal.

7. To keep water from causing damage to the stock harness as well as to the Mileage Max harness, and to insure that the battery cover will fit back into place, route the Mileage Max harness as shown in figure 4.



(Figure 4)

8. Then Place the battery back into place and reinstall the battery cover.

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

### Final Inspection

9. Recheck all connections for a properly secure installation.
10. Using the supplied wire ties, secure the wiring harness from possible damage from moving parts under the hood.
11. 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.

**Warning: Do not stack the Mileage Max with the Edge Ford 6.0 Juice. It can cause severe damage to the engine.**

**Technical Support: 1-888-360-3343**

To expedite your support call, please have part number (i.e.,10104), version number, and Date of Manufacture ready prior to calling support