



# TS PERFORMANCE

*WE ARE DIESEL*



## *MP-8 1110304*

### *2007.5-2009 Dodge 6.7L Installation Manual*

Thank you for buying the MP-8 for the 07.5 Dodge 6.7L. Here you will learn how to install this MP-8 into your truck, and we guarantee that you will be satisfied with our product. Before you get started check to make sure that you have everything below in the contents that came in the box.

*Contents:*

MP-8 Module  
Switch (TSP100)  
Zip Ties (2)

Harness (TSP01BO)  
Velcro (1) /  
Shim Kit

- HP increase of up to 100hp
- Decrease Fuel Consumption
- On-The-Fly Adjustable
- When removed leaves no trace of modification or foot prints
- Power increases as you turn the switch clockwise

**Continued**

## **Installation of the TS Performance Power Play Mp-8**

### **07.5 Dodge 6.7L**

**Read all instructions and fully understand them before installing you TS Performance MP-8 module.**

**Disconnect the battery terminals and remove keys from ignition before installation.**

**Place Di-Electric Grease onto every electrical connection.**

#### **1. Disconnect the positive terminals on both batteries.**

**Failure to do this will cause a Check Engine Light and it will have to be cleared with a code reader. (Any time the module is installed or removed, the batteries must be disconnected.)**



#### **2. Remove the dipstick and 4 bolts holding the plastic cover plate on top of the engine.**

#### **3. 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.**



#### **4. 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.**

#### **5. Remove the 18mm fuel rail valve located on the front of the fuel rail.**

#### **6. Take valve and thread supplied nut tool onto valve. Then place valve in a vice, clamping down on sides of valve cap.**



## **Continued**

7. Use a wrench to unscrew supplied nut in order to remove valve cap. Be careful to hold end of valve while doing this! It is spring loaded and you don't want to lose parts!



8. Removing metal spring, then insert the 3 supplied metal shims into valve.



9. Replace valve spring and then cap. Note that there are 3 holes in a triangle position on the inside of the valve cap that does not need to be removed from cap and should face towards spring as it did when it was removed, hole alignment is not necessary.



10. Place valve back in vice, now with a thick piece of cardboard or piece of wood behind valve cap to prevent damage to the valve seal surface. Tighten vice so that the valve cap reenters valve until fully seated. No need to over-tighten; just tighten until snug.



## **Continued**

- 11.** Take a small punch and small hammer and re-apply the 3 factory indentations along the lip where the valve casing covers the valve cap. You may need to loosen the vice slightly to rotate the valve to access all 3 indentations, but do not let the spring push the cap out any! Make sure that the cap stays fully seated in valve while rotating. After doing so loosen the vice and make sure that the valve cap is held by the indentations.



- 12.** Re-install the fuel valve and tighten it down to 100 ft. lbs.
- 13.** 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.
- 14.** 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.
- 15.** 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 sensor.
- 16.** Connect our harness to the MP-8 module and mount the MP-8 in a location of your choice.
- 17.** Mount the switch in the cab any where you like, we normally mount it on the dash. Run the switch wire through the fire wall and plug into the MP-8 harness.

**To lessen the regeneration process frequency, turn MP-8 back to stock in stop and go traffic. When going through regeneration process, turn the module to back to stock.**



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### **READ CAREFULLY BEFORE INSTALLING ANY TS PERFORMANCE PRODUCT**

**REMEMBER THIS IS A HIGH PERFORMANCE PRODUCT. USE AT YOUR OWN RISK. FOR OFF ROAD USE ONLY.**

**Do not use this product until you have carefully read the following agreement.** This agreement sets forth the terms and conditions for the use of the TS Performance product. The installation of this product indicates that the buyer has read and fully understands this agreement and accepts its terms and conditions.

#### **DISCLAIMER OF LIABILITY**

TS Performance, its distributors or dealers shall in no way be responsible for the product's proper use and service. The buyer of this system hereby waives all liability claims. The buyer acknowledges that he 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 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 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 the manufacturer is to be contacted.

#### **LIMITED LIFETIME WARRANTY**

##### **STATEMENT POLICY**

- The warranty policy is the best warranty within the high performance diesel industry.
- All **TS Performance** products have been inspected, tested and trial in the factory laboratories and on the field.
- Nothing in this Statement of Policy shall alter or enlarge the terms of warranties, obligation or liabilities of these products.
- **TS Performance** is not responsible or liable for any products damaged or destroyed due to improper installation.

##### **TERMS OF WARRANTY**

- The defective product must be freight prepaid and returned to **TS Performance** for further investigation, otherwise this warranty shall be deemed null and voided and of no effect.
- This warranty is void on any products that show evidence of misapplication, negligence, and improper installation, and abuse, lack of proper maintenance or alternation from its original design.
- In no event will **TS Performance** be liable for any consequential or incidental damages for breach of any express or implied warranty on the product.
- This warranty is not transferable or assignable.
- **TS Performance** is not responsible or liable for any products damaged or destroyed due to improper installation
- **.IN THE EVENT THAT THE BUYER DOES NOT AGREE WITH THIS AGREEMENT: THE BUYER MAY PROMPTLY RETURN THIS PRODUCT IN A NEW ANDN 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.**

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**TS PERFORMANCE**  
**Products and Other Info found on the**  
**[WWW.TSPERFORMANCE.COM](http://WWW.TSPERFORMANCE.COM)**

**FOR TECHNICAL SUPPORT**  
**(270) 746-9999**



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