

# 7.3L Powerstroke Ford Performance Chip



**ADS 6 Position Chip**

**22704**

**1999 w/Auto**

## **INSTALLATION INSTRUCTIONS**

**For 7.3L Powerstroke Engine**



For Tech Support  
Please Call  
1.812.618.9168

## Chip Installation

**BE AWARE:** All power to the vehicle must be **DISCONNECTED** prior to installation. Failure to do so could result in damage to your vehicles ECM.

### Removal of Stock Computer

**Disconnect both batteries** and locate the ECM Connector under the hood on the driver's side firewall. Loosen the bolt (10mm socket) located at the center of the ECM wiring harness plug. Inside the truck remove the 2 bolts (7mm socket) holding the ECM in place. Remove the ECM from the truck.



### Stock ECM Connector Preparation

Once you have the ECM removed, on the opposite end of the wiring harness plug is a small plastic or metal cover. Remove this cover gently. Inside is a double-sided connector that must be cleaned of conformal coating. Connector must be cleaned thoroughly, or the chip will not make proper contact with the ECM.

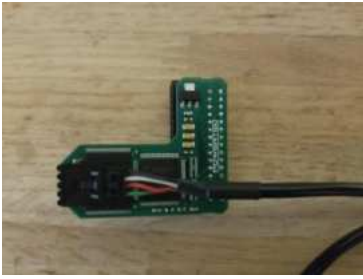


Scrub off the coating using the scotch brite pad provided or a fine sandpaper. The contacts should start to become shiny and metallic copper color. Scrub only until you begin to see a hint of copper. Wipe off any remaining coating with rubbing alcohol or lacquer thinner on a paper towel.

**Please verify that BOTH sides of the edge connector were cleaned thoroughly. Improper cleaning is the most common reason for chip failure or incorrect operation.**

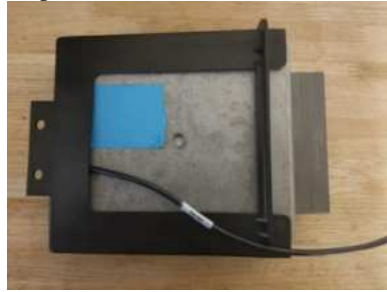
## Installing the Switch/Chip

Slide the connector cable into the chip.



The proper orientation of the chip is with the circuit board of the chip and the switch cable on the larger side of the J3 port opening.

Once you have properly mounted the chip, secure the chip to the ECM with a piece of package sealing or duct tape.



## Re-installing the ECM

Be sure the box holding the computer in place does not bind the chip causing it to tilt and lose connection. Return the ECM to its location and re-connect the wiring harness and 2 bolts in box.

## Reconnect Batteries

**Install Switch in a convenient location.**

### 6 Position Setting

- |              |                      |
|--------------|----------------------|
| 1) Stock     | 4) 75HP              |
| 2) High Idle | 5) 100HP             |
| 3) 50HP      | 6) Hot (Up to 140HP) |

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