

## 6.0L FORD PSD FICM REFLASH INSTRUCTIONS

Before going any further, REMOVE THE FICM CONTROL RELAY.

Power Hungry Performance will not be responsible for injector failure caused by failing to remove the FICM Control Relay during a reflash!

1 - Please check your vehicle's instruction manual for the proper location of the FICM Control Relay. This is located under the hood in the Relay Panel (located by the driver's side hood hinge).

On 2003-2004 trucks, the relay box is small and contains 2 relays. The FICM Control Relay is the one closest to the engine.

On 2005+ trucks, the relay box is large and contains several relays and fuses. The FICM Control Relay is the one that is closest to the engine and radiator (forward-right position).

The relay is nearly always GRAY in color. After removal, you can verify that the correct relay has been removed by listening for the injector buzz when turning the key to the ON position. You SHOULD NOT hear the injectors buzz! When turning the key ON, you may hear the A/C control vacuum pump running. This is noticeably different from the injector buzz and will come from the passenger side fender area.

Read all on-screen warnings regarding the removal of the FICM Control Relay. Failure to heed these warnings and remove the FICM Control Relay properly can - and often does! - result in the failure of the Number 1 injector!

2 - Make sure there are no other inline devices that may interfere with vehicle communications. This includes devices such

as the Edge Juice, BD Power Pup, and Diablo Power Puck. These devices can interfere with communications and cause the FICM reflash to fail, possibly leaving the vehicle disabled.

3 - With the key in the ON position, connect the programmer to the OBDII port below the dash.

4 - Follow the on-screen instruction for KEY OFF and KEY ON cycles.

5 - The programmer will display your current FICM strategy.  
**Please make a note of this information for future reference.**

6 - From the main display (the 4 segment digital display), press the [MENU] button. From the MAIN MENU, select [POWER PROGRAMMING] and press [ENTER].

From the PROGRAMMING MENU, select the appropriate model year of your truck and the desired power level. Your choices are:

- Economy - Improved throttle response and economy without any significant power gain. Good for all applications. Works with performance programmers. Good for trucks with or without head studs.
- Atlas 40 - Improved throttle response and economy with a 40 HP gain. Useful for mild to heavy towing. Works with performance programmers. Good for trucks with or without head studs.
- Atlas 80 - Improved throttle response and economy with an 80 HP gain. Works with performance programmers. Useful for light towing. **NOT RECOMMENDED FOR TRUCKS WITHOUT HEAD STUDS.**

- Hercules - Maximum performance with a 100+ HP gain. Works with performance programmers. NOT RECOMMENDED FOR TOWING. NOT RECOMMENDED FOR TRUCKS WITHOUT HEAD STUDS.

7 - Carefully follow all on-screen prompts pertaining to Key Cycles to initiate the programming sequence.

8 - Once programming is complete, you may remove the programmer, reinstall the FICM Control Relay and reconnect any performance devices you may have previously disconnected.

9 - Start the vehicle to ensure proper operation.

#### FOR REMOTE FICM PROGRAMMING CUSTOMERS ONLY

10 - If you have ordered an ECM rollback, please download Pegasus from our website's SUPPORT page. Once installed, contact us so that we can set up a phone appointment for the ECM rollback.

11 - Once programming is complete, please repackage the programmer and cables and return it using the enclosed UPS shipping label. The programmer must be picked up or dropped off with UPS within 7 days after receiving the unit (for FICM programming only) or within 7 days after rolling back your ECM.