



2003-2009 Ford Powerstroke 6.0/6.4L



PACIFIC PERFORMANCE ENGINEERING

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Returning to Stock:

1. Select the **Programmer** option from the main screen.
2. Use the up/down arrows to select power program 0.

The programmer will return your vehicle's tune and transmission shift patterns to stock and enable the OEM speed limiter.

DTC (Diagnostic Trouble Code) Function:

The Diagnostic Trouble Code function allows you to read and erase trouble codes from your vehicle's ECU.

The Diagnostic Trouble Code function will display all diagnostic trouble codes on your vehicle, if any.

1. Select the **DTCs** option from the main screen.
2. Use the up/down arrows to select a diagnostic trouble code and press Y to erase.

Recovery Mode:

If your programmer goes into recovery mode:

1. Press Y

If an error code is displayed, unplug the programmer and wait momentarily before plugging it back in.

The programmer will recover your vehicle by returning it back to stock.

Transmission Relearn:

For your transmission to work properly with the programmer, it must be recalibrated with the following procedure:

1. Find a long straight road with little or no traffic.
2. Come to a complete stop and put the programmer on its highest setting.
3. Moderately accelerate to 55 MPH.
4. Allow the vehicle to shift into overdrive. While in overdrive, maintain a speed of 55 MPH for 15 seconds.
5. Lightly apply the brake to engage the brake lights and maintain 55 MPH for another 15 seconds.
6. Come to a complete stop for 20 seconds.
7. Repeat steps 3 through 6 five additional times.

2003-2007 6.0L Powerstroke Diesel Engines

Power Level	HP Increase	Torque Increase
1	20	37
2	40	74
3	60	111
4	80	148
5	100	185
6	120	222
7	141	260
8	161	297
9	181	334
10	215	397

Power Level	Recommended Use
10-9	Racing applications. Must use pyro and boost gauges. Modified transmission highly recommended.
8-6	Driving and light towing. Must use pyro and boost gauges.
5-4	Light to heavy towing applications. Pyro and boost gauges highly recommended.
3-1	Everyday driving and towing. May increase fuel economy under normal driving conditions.

2007-2009 6.4L Powerstroke Diesel Engines

Power Level	HP Increase	Torque Increase
1	65	120
2	115	200

Operating Instructions:

IMPORTANT: Your vehicle must be parked and engine turned off before connecting the programmer into your vehicle's OBD-II port.

Turn off all accessories and electronics prior to connecting the programmer into your vehicle's OBD-II port.

Any interference during the programming process (for example, opening or closing of your vehicle's doors) may cause a communication error with your vehicle's PCM and will result in your vehicle not starting!

Only program your vehicle in a location where you are comfortable to avoid potentially stressful situations if programming error(s) occur.

Do not perform any procedures with the programmer while your vehicle is running (except for OBD-II diagnostics).

IMPORTANT: All programmer operations takes place inside your vehicle's cab; it is recommended that you keep your vehicle's doors closed and windows down.

1. Connect the programmer cord into the programmer and your vehicle's OBD-II port. *The OBD-II port is the diagnostic port located underneath the dash on the driver's side of your vehicle.*
2. Follow the instructions given to you on the screen of the programmer.

NOTE: If your programmer is interrupted during a download it may go into "recovery mode". Refer to recovery instructions for further details.

Main Screen:

There are two options to choose from:

1. **Programmer:** Download a power program, remove speed limiter and adjust transmission shifting.
2. **DTCs:** View and erase Diagnostic Trouble Codes.

Download Function:

Once the **Programmer** option is selected, the programmer will read and save your vehicle's stock information. The programmer will display a list of available power settings.

Use the up/down arrows to select a power program.

Check the power level table for more information.

IMPORTANT: You must ensure that the factory "stock" tune is in your vehicle's PCM before installing the programmer. Serious engine damage will result if the programmer is installed over a non-factory/aftermarket performance tune!

IMPORTANT: Any downloaded power program must be removed before taking your vehicle in for any kind of service; it may interfere with other diagnostic tools.

Speed Limiter:

This option removes your vehicle's OEM speed limiter and allows you to reach speeds in excess of 98 MPH.

NOTE: This option is intended for competition and off-road use only and should never be used on a public highway.

Transmission Tuning:

Once the **Download** function has completed, the programmer will ask you to select a transmission shift setting.

There are three transmission shift settings to facilitate added horsepower and make your driving experience more enjoyable:

1. **Firm Aggressive:** Use for quick and firm shifts. Works well with high performance aftermarket transmissions. **IMPORTANT: Do not use this setting while towing.**
2. **Smooth Aggressive:** Use for a smooth shift. Works well for everyday driving and towing. Most effective when used within power levels 5-8.
3. **Stock:** Recommended use for power levels below 5.