



2003 – 2007 Ford  
Modified Powerstroke 6.0  
Fitch Part #s  
F100824BP, F100836BP



*Permanently Re-refines Fuel, Guaranteeing Optimal Engine Efficiency and Performance*

Do not smoke or be near open flame while performing installation. Wear eye protection as the fuel system is under pressure.

**Kit includes**

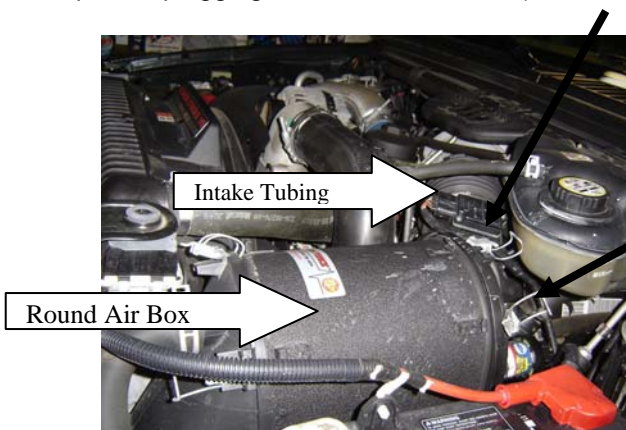
- Fitch Fuel Catalyst in line unit, Installation bracket/s, 2 – 90 deg. brass fittings, cable ties, and the fuel line disconnect tool
- A set of fuel hose with Male/Female OEM factory quick connect fittings on the ends

**Tools required:** Flat head screw driver, medium size adjustable wrench, open end 11/16 wrench, 3/8 ratchet with 6" extension, and a 14 mm deep socket.

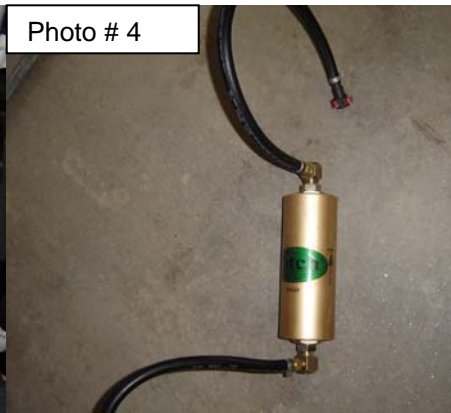
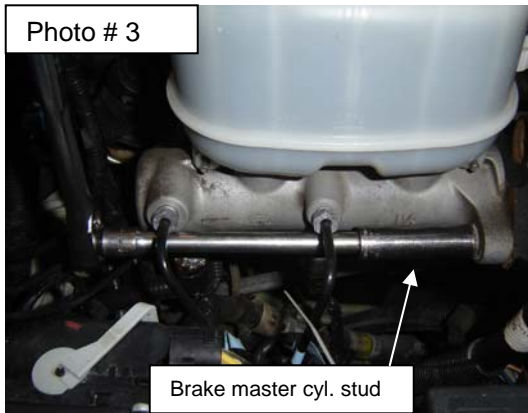
**Installation Procedure**

Step 1 – make sure the truck ignition key is in the off position and removed from the ignition. Then loosen gas cap relieving any possible pressure in the fuel tank.

Step 2 – Open hood and remove the round air box section as well as the intake tubing (see pictures 1 & 2). This will require unplugging the air intake sensor (see arrow) as well as the air box filter sensor (see arrow)

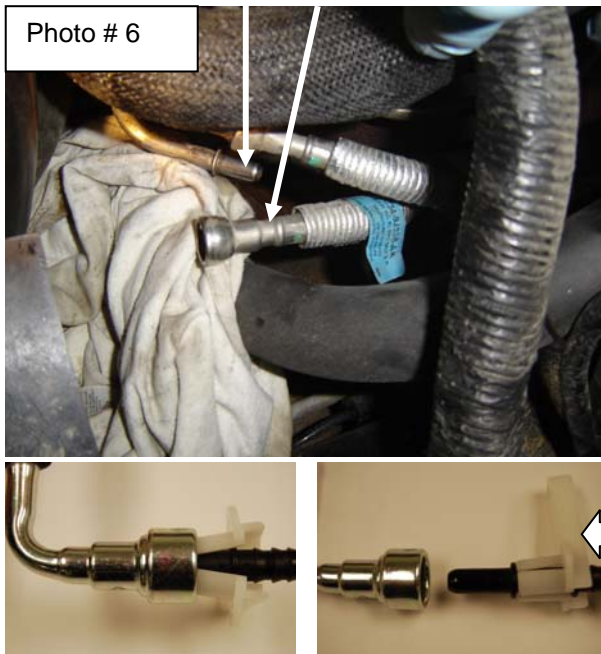


Step 3 – Remove the outside 14mm nut from the brake master cylinder (see photo 3). Assemble the Fitch unit and the hoses provided (male fitting on bottom inlet and female fitting on the top outlet) as shown in photo 4. Mount the Fitch unit just as shown in the photo to this stud at the brake master cylinder (see photo 5).



Step 4 – Use the white plastic fuel disconnect tool to separate the OEM male & female quick connect fittings on the fuel supply line located under the air box section you removed. The supply line is usually the lower of the 2 lines but not always – they may vary from year to year. If you try one line & the Fitch fittings don't work, reconnect those OEM lines & try the other set. Push the tool firmly into the fitting to release the spring lock in this fitting (see photo 6). Connect the OEM female fuel line to the inlet male of the Fitch hose, and then connect the Fitch outlet female back to the OEM factory male fuel line fitting. This step re-routes the fuel to the Fitch inlet and directs the fuel now through the unit and back to the truck's stock fuel line (see photo 7).

OEM supply line w/ male & female quick connects



OEM male to Fitch female, OEM female to Fitch male



Plastic Disconnect Tool

Step 5 – Re-install the air box and plug in the 2 sensors. DO NOT turn the truck's key on until the installation is complete. If the key is turned on while sensors are un-plugged, a "Check Engine" code will be triggered by the trucks' diagnostic computer.

Step 6 – Installation is now complete (see photo 8). Re-check that the air box and sensors are re-installed correctly. Turn the key to the "on" (not crank) position, wait 10 seconds, turn key off and repeat 4 – 5 times. This is to prime the fuel system. Now you can start the truck and inspect for any leaks. Once no leaks are confirmed, drive the vehicle for 10-15 minutes and again re-inspect. Be make sure fuel lines do not come in contact with any of the exhaust, intake, or cooling system components.

### **Manufacturer's Warranty**

The Fitch® Fuel Catalyst products have a ninety (90) day money back guarantee provided the installation instructions were followed correctly and the return of the product is based either on product defect or dissatisfaction with the product's performance. The Fitch Fuel Catalyst device is guaranteed to be free from defects in material and workmanship for a period of 250,000 miles (defined by EPA in 40 CFR 85.117), or 5,000 operating hours from the date of installation. The manufacturer warrants that the installation of Fitch Fuel Catalyst product on a vehicle will not cause the emissions noncompliance of the engine on which it is installed for the life of the catalyst from the date of installation

OTHER THAN THE WARRANTIES HEREIN CONTAINED, THERE IS NO OTHER WARRANTY, WHETHER EXPRESSED OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) THAT SHALL EXIST IN CONNECTION WITH THE SALE OR USE OF ANY FITCH FUEL CATALYST PRODUCT. The Manufacturer assumes no liability for faulty or improper application of its products or resulting from collision or abuse. All claims under the Manufacturer's warranty must be made during the applicable warranty period and the product claimed defective or non-conforming returned by Buyer. Return the defective device along with dated proof of purchase to the distributor from which the device was purchased so that the distributor may handle your warranty claim in an expeditious manner. Manufacturer will repair, or at its option, replace any defective or non-conforming product and return the repaired or replacement product without charge.

SUCH REPAIR OR REPLACEMENT IS THE EXCLUSIVE REMEDY (WHETHER UNDER THE THEORIES OF BREACH OF CONTRACT OR WARRANTY, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER LEGAL THEORY) AVAILABLE FROM MANUFACTURER AND MANUFACTURER IS NOT RESPONSIBLE FOR DAMAGES OF ANY KIND, INCLUDING INCIDENTAL AND CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OF THIS CONTRACT.

Manufacturer's warranties shall not be enlarged, diminished or affected by, and no obligation or liability shall arise or grow out of Manufacturer's rendering of technical advice or in service in connection with an order or the goods furnished. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or exclusions of implied or deemed conditions or warranties, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from jurisdiction to jurisdiction.

### **IMPORTANT NOTES**

For any questions please call APSI toll free at 1-888-881-2774. Any variations from these instructions should also be pre-approved by APSI. After installation is complete, (if convenient) drive the vehicle over 50 miles per hour for a minimum of 20 minutes with at least 2 start and stop procedures. This procedure will reset the computers memory on EFI engines to sense the treated fuel.