

**2004 – 2007 GMC Duramax 6.6  
Fitch Fuel Catalyst  
Part # F10082028BD, F100836BD  
(for performance modified diesels)**



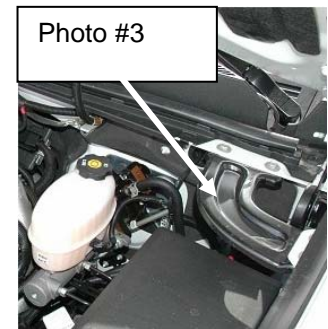
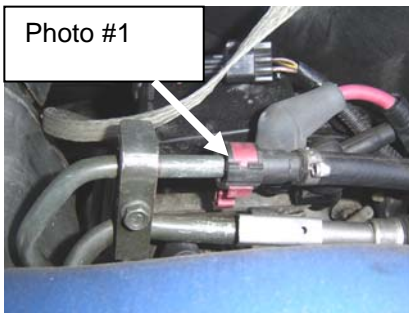
**Do not smoke or be near open flame while performing installation. Wear eye protection as the fuel system is under pressure.**

**Kit includes:** Fitch Fuel Catalyst canister, Mounting bracket, 2 – 90 deg. metal fittings, fuel line disconnect tool, and cable/zip ties, set of fuel hose containing 1 male & 1 female quick connect on each end

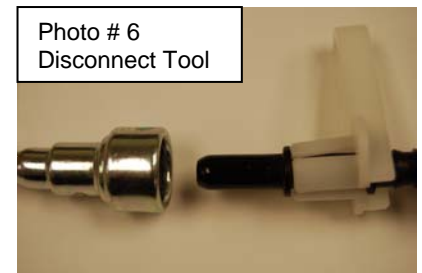
**Items needed:** Only for the 2007 – 2008 LMM Duramax with advanced emissions equipment – 2 bolts/nuts 3/8"X1" length

**Installation Procedure**

- Unscrew the gas cap to release residual pressure in the fuel system.
- Locate the fuel **RETURN** line (smaller of the 2 lines) containing the OEM fuel line quick connect fitting. This connection is located at the rear of the engine near the fire wall on the driver's side (photo 1). **2004 – 2007** mounting location is on the driver's side using the master brake cylinder stud (photo 2) and for **2007 LMM** on the engine compartment corner support (photo 3). This mounting location requires drilling 2 3/8" holes to the engine compartment corner support to secure Fitch Fuel Catalyst with the mounting brackets.



- Assemble the Fitch unit to the hoses included - the female connector to the Bottom of the Fitch unit and the hose containing the male connector to the top of Fitch unit (photo 4). Ensure that fittings are tight to prevent leaks. Mount the Fitch canister and adjust hose positions.
- Center mounting bracket on Fitch unit & mount the FFC unit to the vehicle securely. On **2007 – 2008 LMM**, drill 2 3/8" holes into the corner support and use 2 - 3/8"X1" bolts/nuts to secure FFC mounting clamps (photo 5).



- Now that the unit is in place and before disconnecting the OEM factory 3/8" quick connect, wrap a rag or paper towel to catch any fuel spillage. Using the plastic white disconnect tool included, push the tool firmly into the fitting to release the spring lock on the OEM fitting (photo 6)
- Connect the OEM female fuel line to the male of the Fitch hose, and then connect the Fitch 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. Be sure the snap locks on the quick connects are secure.

- Turn the key to the “on” (not crank) position, wait 10 seconds, turn the key off and repeat 4 – 5 times. This is to prime the fuel system.
- Double check all connections for leaks, and also make sure fuel lines do not come in contact with any of the exhaust, intake, or cooling system components. Priming/Bleeding the system may be needed but varies with every installation to ensure the removal of any air in the fuel line.
- Start vehicle and hold steadily at 1500 rpm for 60 seconds to cycle fuel through system to eliminate air in system.
- **Do NOT install the Fitch Fuel Catalyst hose lines within 12 inches of any “hot” engine parts nor against any engine components that may cause friction on the fuel hoses. If necessary, wrap hoses with heat tape to avoid any high temperature exposure.**

### 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.

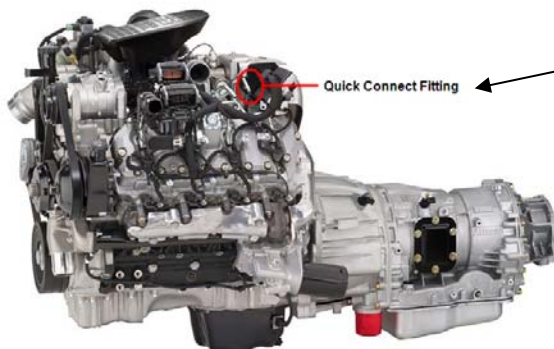
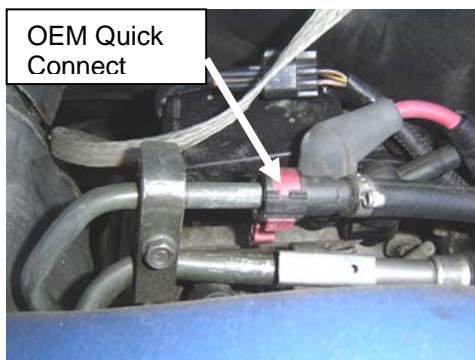
Manufacturer’s warranties shall not be enlarged, diminished or affected by, and no obligation or liability shall arise or grow out of Manufacturer’s rendering of technical advice or in service in connection with an order or the goods furnished. Some jurisdictions do not allow the exclusion or limitation 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

### IMPORTANT NOTES

For any questions please call APSI toll free at [1-888-881-2774](tel:1-888-881-2774) or visit [www.fitchcatalyst.com](http://www.fitchcatalyst.com). Any variations from these instructions should also be pre-approved by APSI.

**If you have difficulties with this procedure, contact your local automotive garage for assistance.**

## 2004 – 2007 Duramax



## 2007 – 2008 LMM Duramax