



1991 – 2004 Dodge Cummins 5.9 Diesel Fitch Part # F100824BC

(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

Installation Procedure

- Screw each 90* fittings into the top and bottom of the Fitch unit. Tighten down the lock nut on the 90* fittings.
- Assemble the Fitch unit, 90 deg. fittings and the hoses provided (male fitting on bottom inlet and female fitting on the top outlet) as shown in photo below



90 deg. brass fittings

90 deg. brass fittings

- Unscrew the filler cap on the truck to release residual pressure in the fuel system.
- Remove the nuts on the intake tube expandable band clamps. Install both Fitch mounting brackets around the Fitch unit and slide brackets over the intake tube band clamp studs and tighten down the original nuts removed previously. Fitch is now mounted. (see photo 2 below)
- Run both hoses from the Fitch unit down to the factory quick connect fittings. This fitting is located along the frame rail. (see photo 3 below)
- Disconnect the fuel supply line male/female quick connect fitting. The easiest way to access this is to go under the vehicle. Make sure vehicle is in park, emergency brake is engaged, and wheels are chocked.
- Install the factory female quick connect fitting by sliding it onto our Fitch male quick connect until it bottoms out and clicks. Connect the Fitch female quick connect over the factory male, and push the locking tab over. Snap in the secondary locking clip on the Fitch female.
- 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.

*****NOTE: Fitch Label and EO # MUST be clearly visible upon completion of installation**

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.

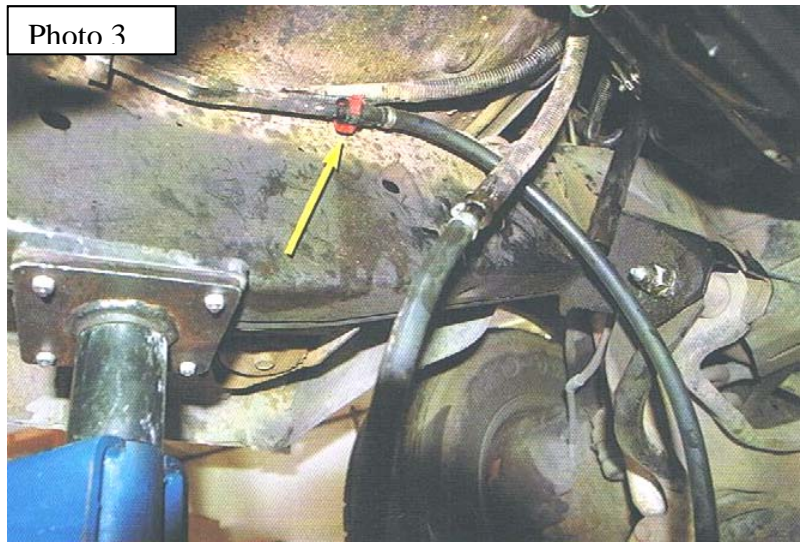
IMPORTANT NOTES

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. For diesel engines and all other gasoline engines, disconnecting the battery is good safe practice and helps reset the on board computer.

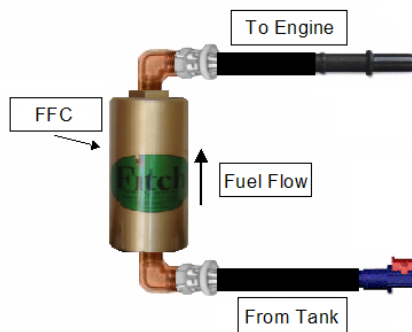
Photo 2



Photo 3



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



This is **NOT** a specific photo of your vehicle. It is a photo to simply show what an OEM quick connect typically looks like on your vehicle. This photos shows the OEM lines connected to the Fitch quick connect lines.



Metal OEM male Quick connect fitting attached to a Fitch female quick connect fitting

Metal OEM female Quick connect fitting attached to a Fitch male quick connect fitting

The Fitch Fuel Catalyst simply is implemented into the fuel system by separating the OEM quick connects from one another (male from female) and connecting the Fitch male to OEM female and Fitch female to OEM male. There is no replacing of any fuel lines. Fuel is simply routed through the Fitch system prior to combustion chamber.