



08-11 Dodge Cummins 6.7
Fitch Part #
F1006242BC
 (for performance modified diesels)



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.

Fitch kit includes: Fitch Fuel Catalyst in line unit, 2 -Fitch mounting brackets, 2 – 90 deg. metal fittings, 2 cable ties, 1 metal mounting bracket, 3 nut & bolts, 1 – 5/16” fuel hose with male quick connect fitting (2”), 1 – 5/16” fuel hose with female quick connect fitting (24”).

Tools required: medium size adjustable wrench, open end wrench

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 identify the mounting location for the Fitch unit – front of the motor right above the injector pump. Mount the metal bracket as shown in photo #2.

Photo #1 - This is the location where the custom metal bracket will be mounted



Photo #2 - Here is the photo of the metal bracket mounted – use existing bolt on truck & additional one is included in kit to self tap in the empty



Step 3 – Assemble the Fitch canister unit with the hoses included in kit. Adapt the Fitch 24” female quick connect hose to the top of the canister and the 2” Fitch male quick connect hose to the bottom of the canister.

Step 4 - Slide the two Fitch mount clamps around the Fitch unit and securely mount using the included nuts/bolts to the metal bracket already in place.

Step 5 - The Fitch unit will connect to the OEM fuel line at the injector pump. The OEM fuel line contains quick connect fittings that will adapt to the male & female quick connect hoses included in the Fitch kit.

Step 6 - There is a white rectangular lock on both sides of the OEM fitting. Using your fingers if you can reach, or a pair of hook nosed pliers (go gently) depress both sides of the white lock while pulling the hose off the fitting, snap the white tab apart to disconnect the OEM male from the female fitting



Step 6 - This is a photo of the OEM quick connect fitting that will be disconnected apart from the pump. Once disconnected, adapt the Fitch 2” male hose to the OEM female feed line & the Fitch 24” female quick connect to the OEM male off the injector pump.



Step 7 - Once the OEM fuel line is disconnected from the injector pump, connect the Fitch male 2" fuel line to the OEM quick connect female on the feed line.

Step 8 - Connect the Fitch female 24" fuel line to the OEM quick connect male on the pump. (this line will be looped from the top of the Fitch unit down to the injector pump connector)

Step 9 - Using the zip ties included in kit, secure the fuel lines so they do not flop around



Photo courtesy of Diesel Power Magazine
Christian Hazel

Step 10 – Installation is now complete. Turn the key to the “on” (not crank) position, wait 10 seconds, turn key off and repeat 4 – 5 times. 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.

- **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 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.