



# Installation Instructions

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

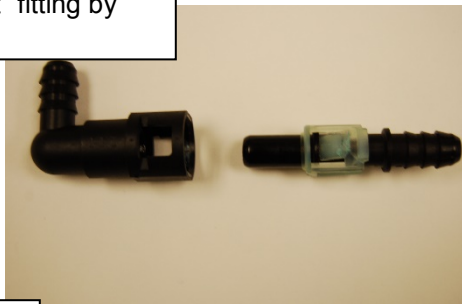
**Kit Includes:** Fitch Fuel Catalyst in line unit, mounting bracket, cable ties, fuel line disconnect tool for SAE Quick Connect Fittings, 2 – 90 deg. fittings, and **3/8” or 5/16”** EFI multi-port fuel injection hose with Male/Female **OEM quick connect fittings or SLC Spring Lock Connectors** depending on which fittings your vehicle may have.

## Installation Procedure

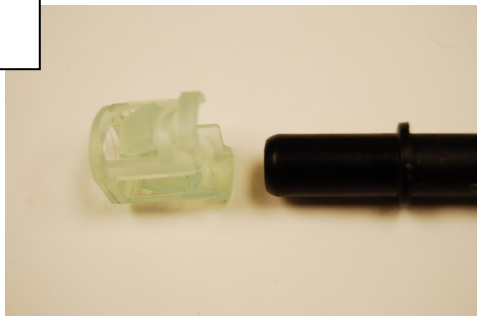
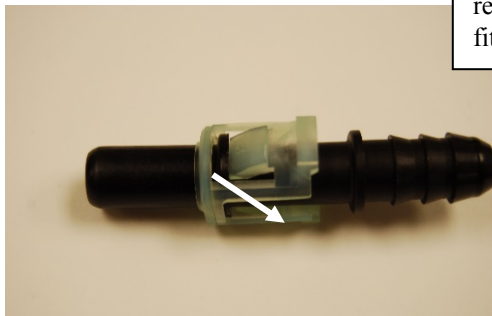
- Unscrew the automobile filler cap to release residual pressure in the fuel system.
- Screw each straight thread w/gasket end of the 90° fitting onto each end of the Fitch canister. Tighten down the lock nut on both 90° fittings to secure.
- Secure the male and female hoses onto the 90° fittings (flare end of the 90° fitting to the nut on the fuel hose), secure tightly
- Establish a secure mounting location that is relative to the location of the OEM SAE quick connect fittings or SLC Spring Lock Connectors. The OEM quick connect fittings are typically located on top of the engine in the front or back near the firewall, near the fuel rail, on the side of the engine, or under the vehicle by fuel filter. Recommended location is in the engine compartment unless there is no room or quick connect fitting.
- Typical mounting locations are the brake master cylinder stud, firewall, inside fender, or along the frame. (drilling of hole may be necessary for mounting if one does not already exist – on a shroud, battery bracket, etc.) Using the mounting bracket supplied in kit, slide over Fitch canister and mount the unit to the selected area. Fitch canister should be mounted vertically when possible.
- Disconnect the OEM fuel supply line male/female SAE quick connect fitting or SLC Spring Lock Connectors (refer to page 3 of the installation instructions).
- Connect the OEM female fuel line to the Fitch male 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 vehicle's stock fuel line. Fuel flow is in the direction of the arrow on the Fitch canister – fuel from the tank through the Fitch canister, into the combustion chamber. Be sure you are connecting to the supply line, not the return line which is typically smaller & will not adapt to our Fitch fittings.
- Be sure to snap the locking clip over on the Fitch Female quick connect.
- Disconnect both the battery leads and touch together for at least 30 seconds. If vehicle is equipped with 2 batteries disconnect all 4 leads, and then touch one set at a time together. Now reconnect both lead sets to both batteries. This will ensure the EMU memory is reset to sample the “newly” treated Fitch Fuel.
- 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. This is to cycle fuel through the system, eliminating any air in the 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**

Disconnect the factory "quick connect" fitting by pressing on the 2 locking tabs.



Push down on the locking tab to release it from the male barb fitting



Insert the disconnect tool into the factory "quick connect" fitting



Push the 2 self-release tabs to disconnect the factory "quick connect" fitting.



SLC (Spring Lock Connectors)  
Male

Female



THESE ARE EXAMPLES OF INSTALLATIONS – PHOTOS MAY NOT BE OF YOUR SPECIFIC VEHICLE

### **IMPORTANT NOTES**

For any questions please call APSI toll free at 1-860-921-0009 or info@fitchfuelcatalyst.com. 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.

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



Quick  
Connects



See other examples of various vehicle Fitch installations:

2013-2016 VW GTI 2.0 liter

2002-2006 Cadillac Escalade EXT 6.0 liter

2000-2006 Chevy/GM 4.8 liter

2011-2016 Ford Powerstroke 6.7 liter Diesel

