

## INSTALLATION INSTRUCTIONS

### SUBJECT: INJECTOR RETURN FITTING FOR 2011-2016 FORD POWER STROKE

FPE-2025-133  
February, 2025  
Page 1 of 4

**FITMENT:** 2011-2016 Ford F250/350/450/550/650 with 6.7L Power Stroke

**KIT P/N:** FPE-FMC-FF-RLK-1116

**INSTALL TIME:** 15 minutes

**TOOLS REQUIRED:** Flat blade screwdriver, hose cutters or diagonal cutters, pliers, rag or towel

#### KIT CONTENTS:

Item	Description	Qty
1	Injector Return Fitting	1
2	Hose clamp	1



#### APPLICATION NOTES:

- This kit is designed to work with both OEM and aftermarket fuel filter assemblies including Fleece Performance P/N: FPE-FMC-UHFA-1123.
- A service kit is available for this product, Fleece Performance P/N: FPE-FMC-FF-RLK-1116-SER. The kit includes replacement O-rings and a locking tab.
- A replacement barb fitting is available for this product, Fleece Performance P/N: FPE-AN4-332B.
- This product is compatible with trucks equipped with an S&S Diesel Motorsport DCR conversion kit or the S&S Diesel Motorsport CP4 Disaster Prevention Kit.

#### WARNINGS:

- User assumes sole responsibility for the safe & proper use of the vehicle at all times.
- The purchaser and end user releases, indemnifies, discharges, and holds harmless Fleece Performance Engineering, Inc. from any and all claims, damages, causes of action, injuries, or expenses resulting from or relating to the use or installation of this product that is in violation of the terms and conditions on this page, the product disclaimer, and/or the product installation instructions. Fleece Performance Engineering, Inc. will not be liable for any direct, indirect, consequential, exemplary, punitive, statutory, or incidental damages or fines cause by the use or installation of this product.

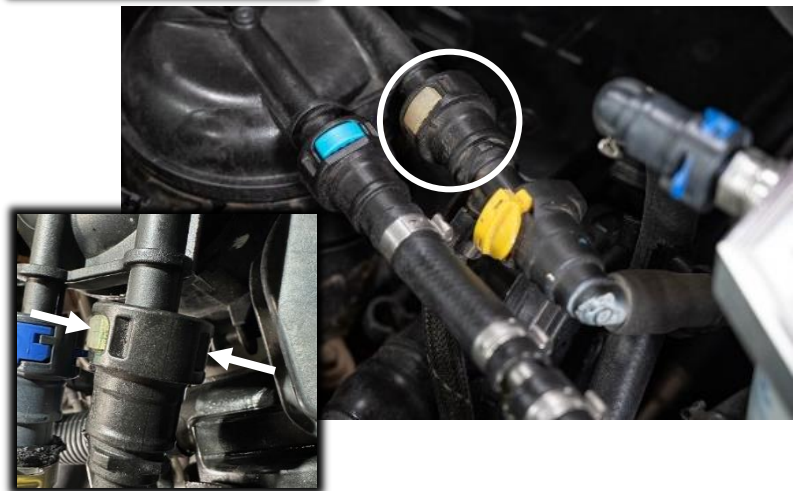
## PROCEDURE:

**STEP 1:** Park the vehicle on a flat and level surface. Place a clean rag underneath the fitting to capture any residual fuel that will drain from the lines and filter when disconnected.

**STEP 2:** Locate the under-hood fuel filter assembly on your vehicle. Disconnect the fitting with the yellow locking tab from the fuel return fitting. Lift the tab with a small blade screwdriver (1), then push the fitting towards the filter to release tension on the retainer. Squeeze the release button (2) and pull the fitting away from the filter to remove.

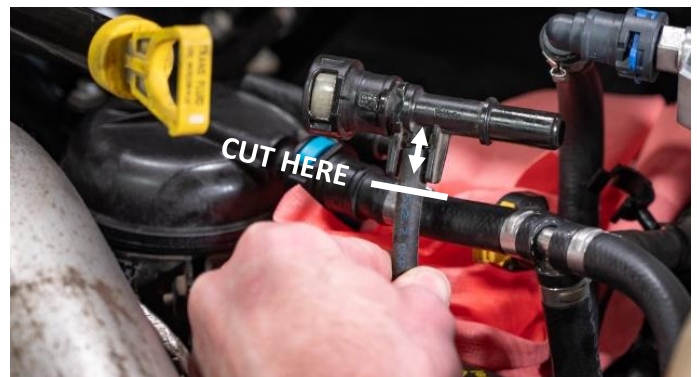


**STEP 3:** Disconnect the fuel feed fitting (gray plastic release buttons shown) from the filter assembly. Push the fitting towards the filter to release tension on the retainer. Squeeze both of the gray buttons and pull the fitting away from the filter to remove.

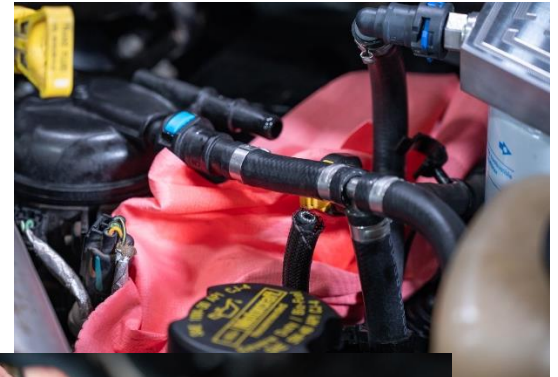


**STEP 4:** Cut the fuel injector return line just below the bottom of the fitting (see line in image) using hose cutters or diagonal cutters.

**NOTE:** If your injector return hose connector has broken at the fitting, cut the hose ½" inch from the end to allow for a clean hose end and remove any portion of the plastic barb that may remain inside the hose.



**STEP 5:** With the factory injector return connector removed, install the included hose clamp onto the injector return hose using a pair of pliers. Install the clamp approximately one inch from the end to allow room for the barb fitting to be installed.



**STEP 6:** Lubricate the hose barb fitting with clean fuel to ease installation into the injector return hose. Press the barb fitting into the hose until both barbs are fully covered by the hose.



**STEP 7:** Using pliers, move hose clamp upward and position the hose clamp over the barb fitting.



**STEP 8: Lubricate** the inlet connector on the fuel filter assembly with clean fuel. Install the new Fleece Performance fitting onto your fuel filter assembly. Push the fitting towards the filter housing until you feel the locking ring click into place. Pull the fitting away from the filter to confirm it is seated properly.



**STEP 9: Lubricate** the open end of the Fleece Performance fitting with clean fuel. Connect the fuel feed hose (yellow locking tab) to the Fleece Performance fitting. Push the fitting towards the filter housing until you feel the retainer click into place. Push the locking tab towards the center of the fitting to fully seat the locking portion of the connector.



**STEP 10:** Prime the fuel system by cycling the ignition to the on position without starting the vehicle. Verify no leaks are present. Start the vehicle and check for leaks.

If the adapter requires maintenance, a service kit is available, Fleece Performance P/N: FPE-FMC-FF-RLK-1116-SER. The kit includes replacement O-rings and a locking tab.

A replacement barb fitting is available, Fleece Performance P/N: FPE-AN4-332B.

