

# Dirty Diesel Customs

2011 - 2019 Powerstroke  
FTP SOTF Switch

## INSTALL INSTRUCTIONS



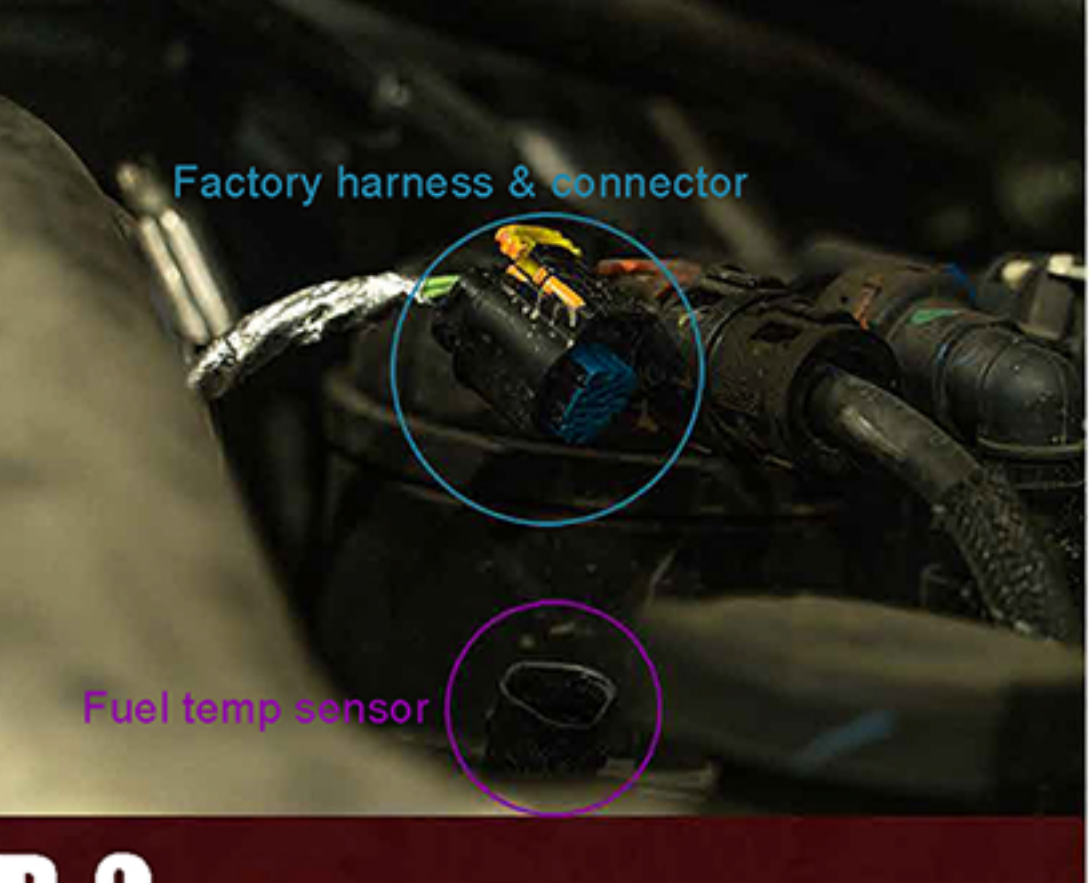
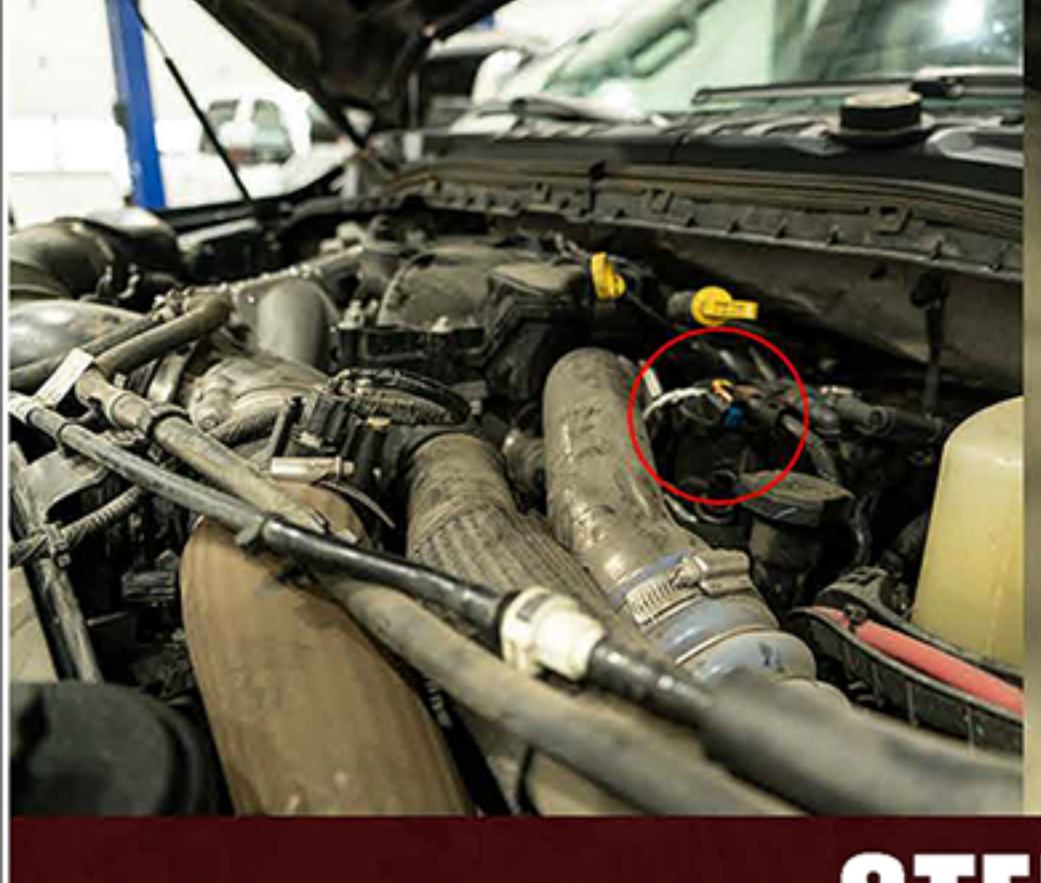
This grommet works well to run the wires through the firewall



### STEP 1

On the driver side of the truck to the left of the pedals cut a small slit in the grommet and run the SOTF wires through the firewall.

CAREFUL NOT TO DAMAGE ANY WIRES IN THE HARNESS.



Factory harness & connector

Fuel temp sensor

### STEP 2

Unplug fuel temperature sensor and harness they are located on the left side of the engine near the fuel filter.

Pictured is the 2015-2019 connector.

\*The 2011-2014 connector is located in the same place but is a two wire connector



2011-2014 two wire connector



Ensure SOTF wires are installed in the same location as pictured

2015-2019 five wire connector

### STEP 3

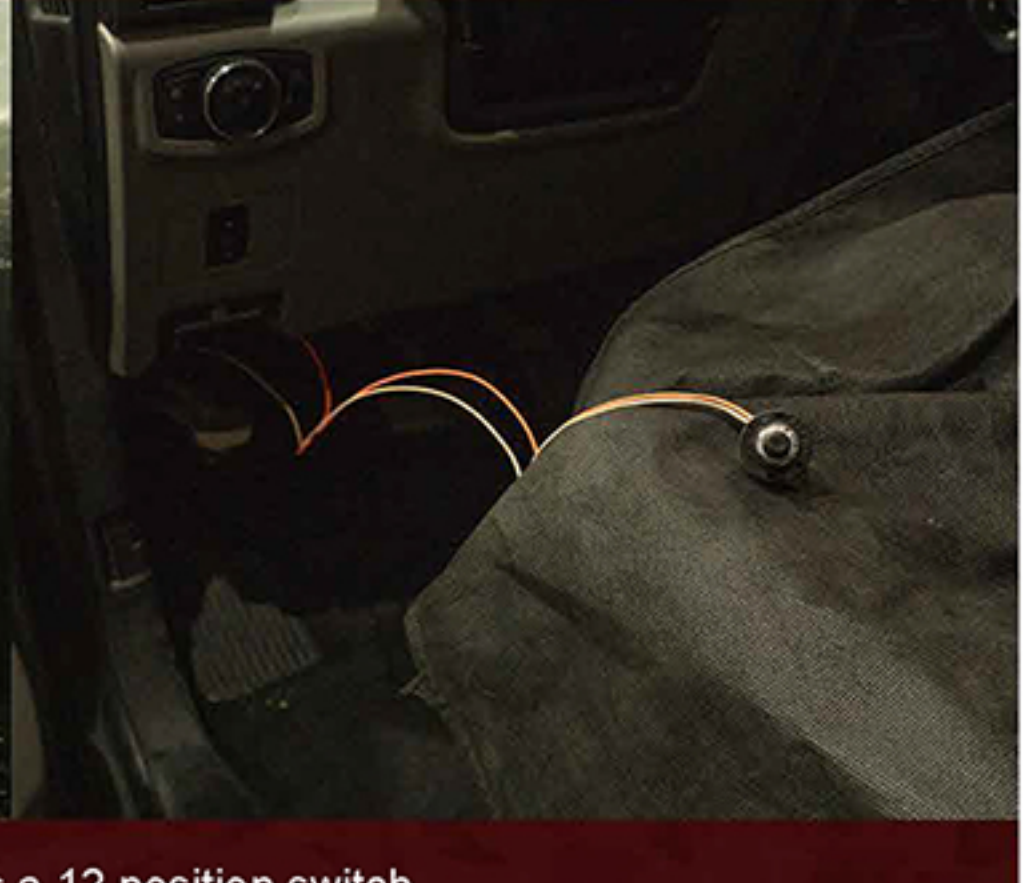
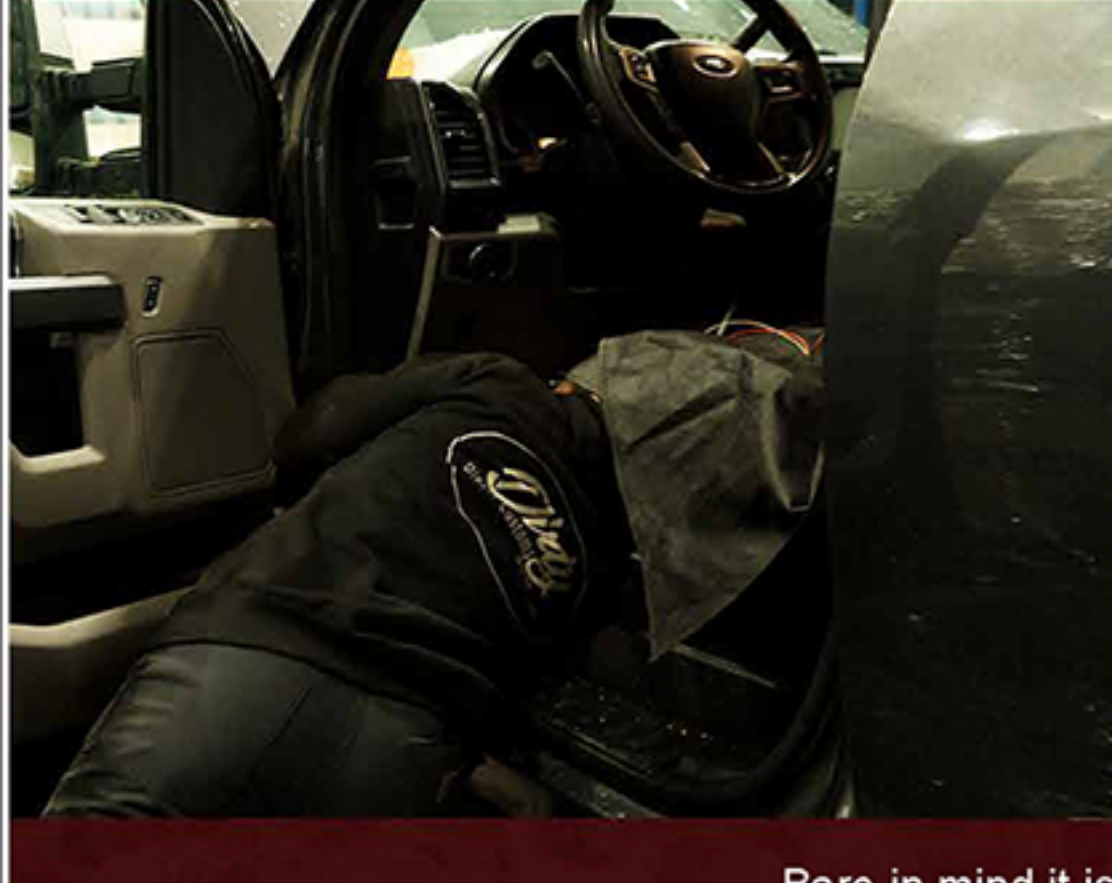
Install the SOTF wires into the provided connector, in the same location as the green and green / white wire from the factory harness.

Install the SOTF connector into the factory harness. Polarity does not matter for the install of the switch.

FACTORY FUEL TEMPERATURE SENSOR IS LEFT OPEN.

2015-2019 THE OTHER THREE HOLES IN THE CONNECTOR ARE NOT USED.

2011-2014 BOTH HOLES ARE USED.



Bare in mind it is a 12 position switch, so if you end up with more than 5 positions, you can remove the nut, pull out the locking washer. Turn the switch counter clock wise from the numbers and then install the locking washer into position 5 and reinstall.



### STEP 4

Find a suitable location to mount the switch, this may vary depending on the truck, after the switch is installed, install wiring loom on the exposed wire and tie everything up neatly.



Congrats you just installed your SOTF switch in your Powerstroke!

If you are having any technical difficulties or struggling to install this switch please give our shop a call and speak with a tuner, we are happy to help!

Dirty.

Phone  
(778) 754-7090

Email  
Tunes@dirtydieselcustoms.com