

# CCV REROUTE KIT

## 6 . 7L POWERSTROKE



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## PACKING INCLUDE

- 6 FEET 3/4" HOSE
- OIL DRAIN BLOCK OFF PLUG
- ADAPTER PLATE WITH 12AN THREADED HOLE
- 6061 ANODIZED OIL BAFFLE
- HIGH QUALITY BLACK 12AN 90\* PUSH LOCK FITTING
- HIGH QUALITY BLACK 12AN ORB - 12AN O'RING FITTING
- 304 SS HARDWARE
- SILICONE INTAKE PORT CAP FOR STOCK INTERCOOLER SYSTEMS

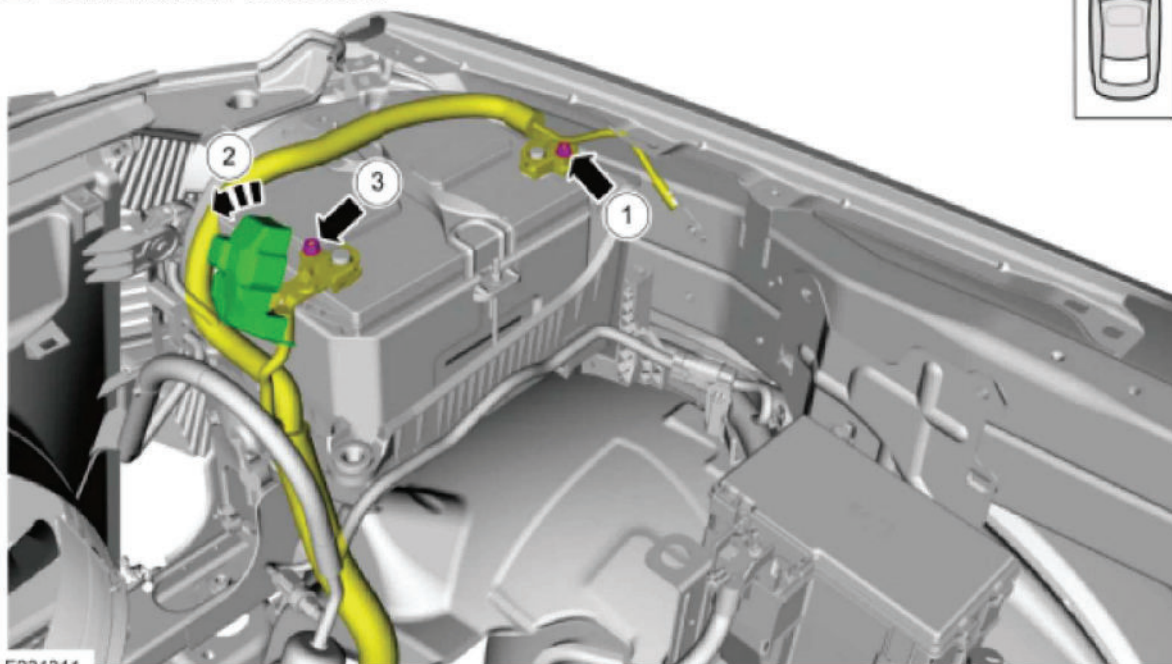


## INSTALLATION STEPS

### 1. Release the fuel system pressure

**NOTE:** The fuel system cannot be relieved of pressure manually, the high-pressure fuel system loses pressure as the engine cools down. When working on the high-pressure fuel system, wait until the engine is cool or 5 minutes, whichever is longer, to allow the high-pressure fuel system pressure to bleed off and the fuel to cool. With the key in the OFF position make sure the fuel pump and sender unit is not running. Wait two minutes after the pump has shut off for the low-pressure system to bleed off pressure.

### 2. Disconnect batteries



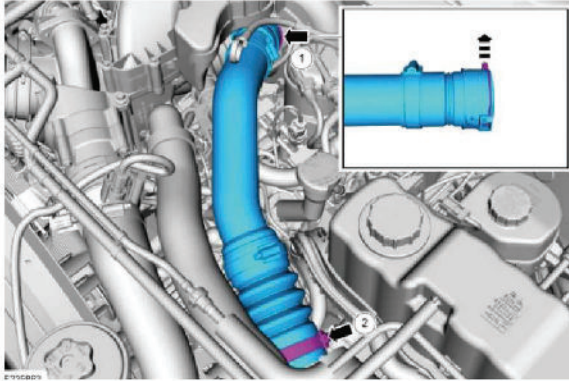


### 3. Remove the Charge Air Cooler (CAC) intake pipe.

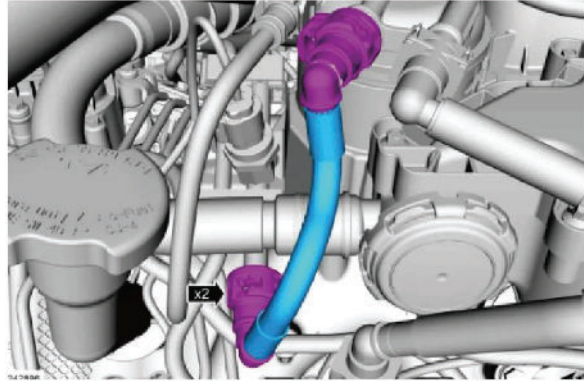
**NOTICE:** The turbocharger compressor vanes can be damaged by even the smallest particles. When removing any turbocharger or engine air intake system component, ensure that no debris enters the system. Failure to do so may result in damage to the turbocharger.

- 1) Pull the spring clip until the end of the clip is in the detent of the quick connect coupling.
- 2) Loosen the clamp and remove the CAC intake pipe.

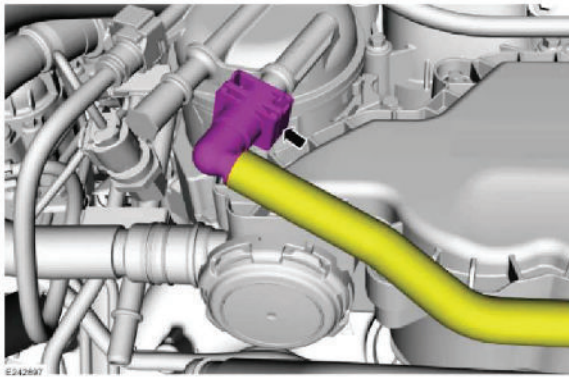
Torque: 106 lb.in



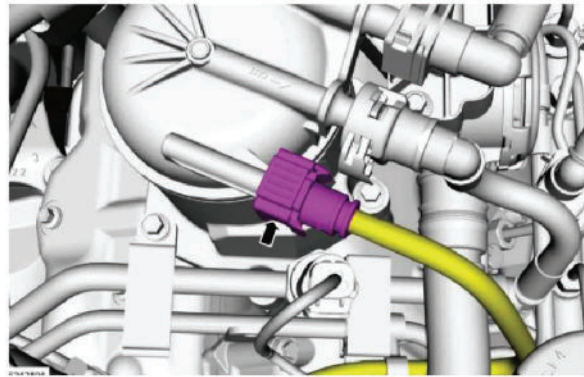
4. Remove the fuel filter outlet tube



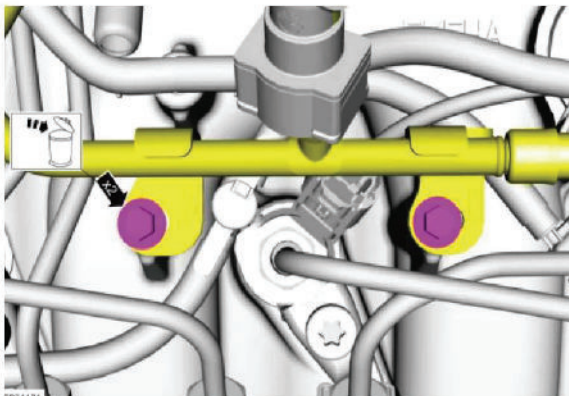
5. Disconnect the fuel filter inlet tube



6. Disconnect the fuel filter injector return tube.



7. Remove and discard the left fuel supply tube bolts.

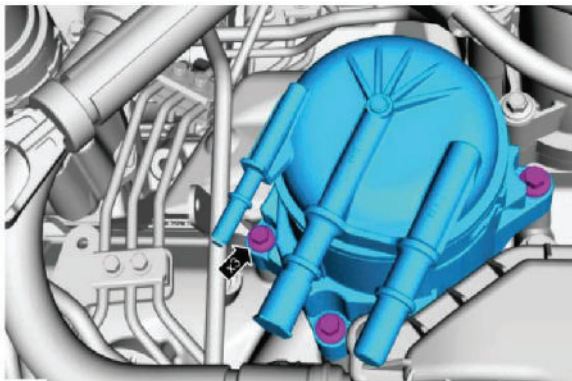


8. Remove and discard the fuel injection pump supply tube assembly bracket bolt and position the fuel tube out of the way.

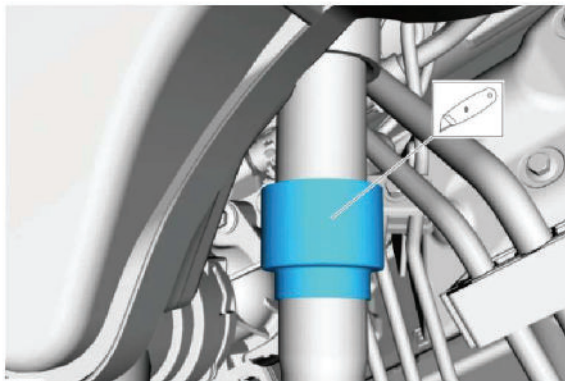


9. Remove the fuel filter and bracket assembly bolts and then remove the fuel filter and bracket assembly.

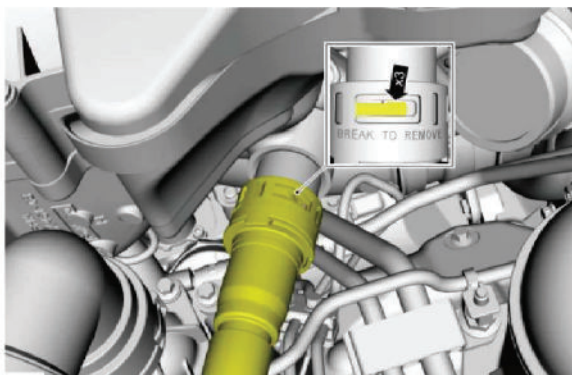




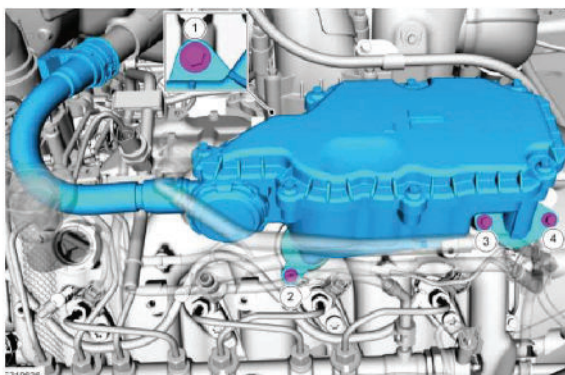
10. If you have this style hose cut the heat shrink tubing



11. Release the crankcase vent oil separator outlet hose retainer tabs, break the retaining tabs as needed. Disconnect the crankcase vent oil separator outlet hose from the lower intake manifold.



12. NOTE: Place a shop towel under the oil separator to catch any oil that may leak from the oil separator when removed. Remove the crankcase vent oil separator bolts and then remove the crankcase vent oil separator.



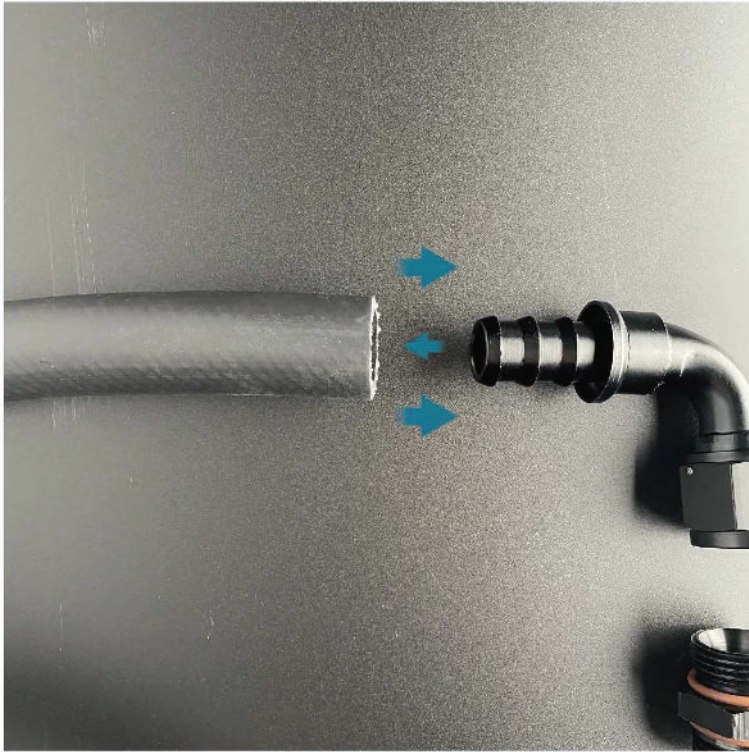
13. Now install the unit on to the breather port on the rear of the engine where you removed the stock unit. "Be sure to clean any old oil residue" Now torque 2 bolts evenly too 96 lb.in.



14. Correct installation as shown in the figure (slightly different from our style)



## PLEASE REFER TO THE FOLLOWING FIGURE TO INSTALL IN ORDER.

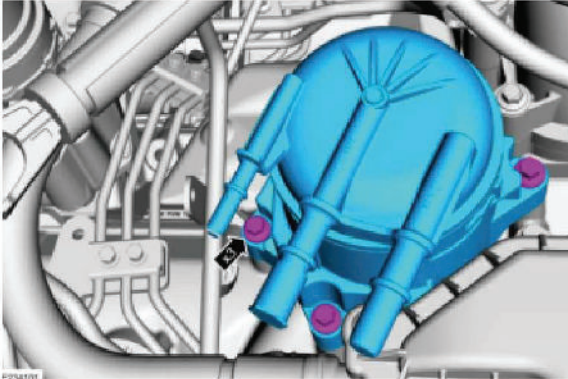


15. Install a provided cap onto the port on the stock intake where you removed the factory breather hose earlier on in the process. "No need to clamp or zip tie as this has no pressure behind it"

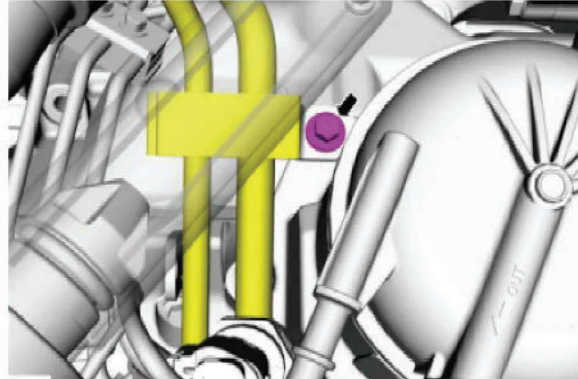


16. Install the fuel filter and bracket assembly, then install and tighten the fuel filter and bracket assembly bolts too. (Torque: 85 lb.in)

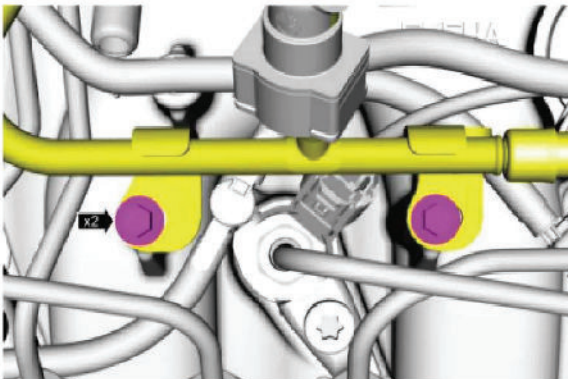




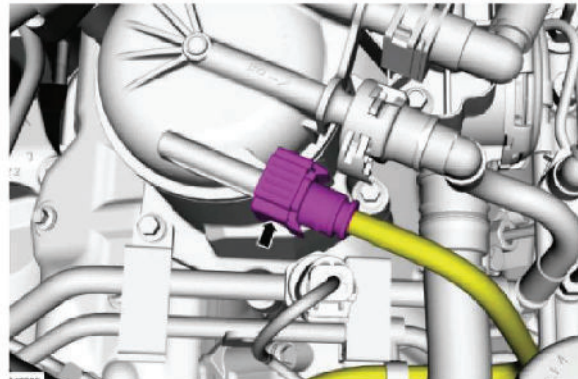
17. Install and tighten the new fuel injection pump supply tube assembly bracket bolt too. (Torque: 96 lb.in)



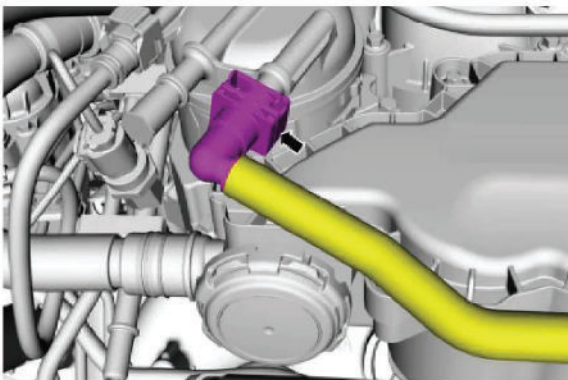
18. Install and tighten the new left fuel supply tube bolts too. (Torque: 96 lb.in)



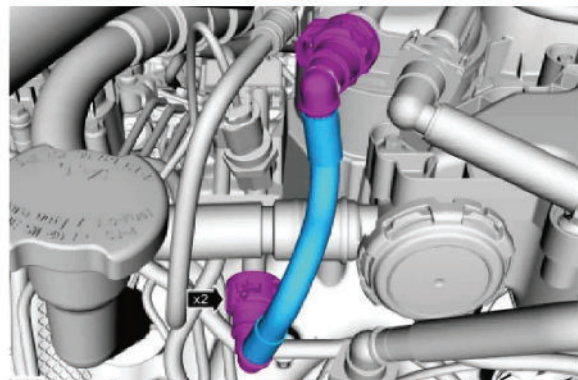
19. Connect the fuel filter injector return tube



20. Connect the fuel filter inlet tube

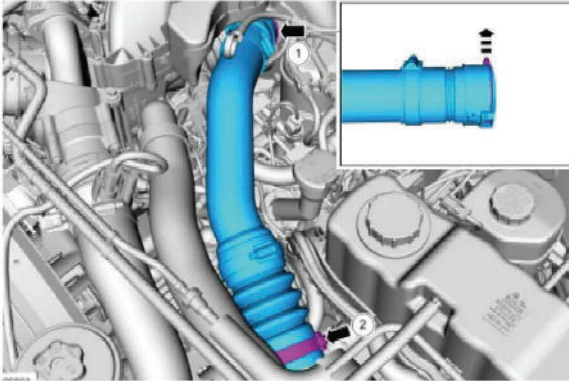


21. Install the fuel filter outlet tube.

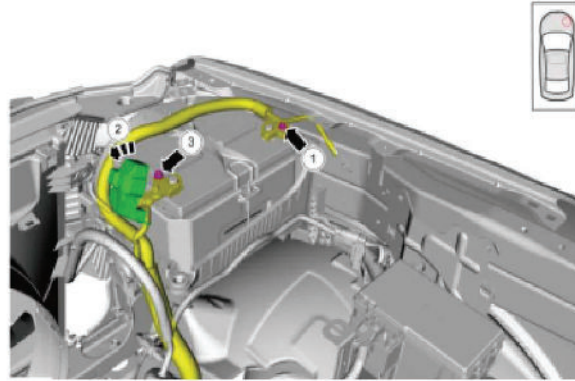


22. Install the Charge Air Cooler (CAC) intake pipe.  
 "Inspect the turbocharger or engine air intake system components and clean, if necessary.  
 Torque: 106 lb.in





23.Re-Connect the batteries.



24.Bleed the fuel system. Refer to: Fuel System Bleeding

**BLEED THE FUEL SYSTEM BY CYCLING THE IGNITION 3 TIMES IN THE FOLLOWING SEQUENCE:**

- Turn the ignition key ON without cranking the engine.
- Wait 30 seconds for the fuel pump and sender unit to run.
- Turn the ignition key OFF.
- Repeat 3 times.

**NOTICE:** Fuel injection equipment is manufactured to very precise tolerances and fine clearances. To prevent fuel system damage, it is essential that absolute cleanliness is observed when working with these components.

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