



6.7 Powerstroke CCV Instructions



1. Loosen the clamp and disconnect the Charge Air Cooler (CAC) inlet tube from the CAC and position aside by twisting.

- To install, tighten to (100lb-in).

2. Disconnect the crankcase vent oil separator outlet tube sensor electrical connector.

3. Disconnect the crankcase vent oil separator outlet hose from the intake manifold by turning the release ring counterclockwise.



! **RELEASE THE FUEL PRESSURE! !**



4. Disconnect the inlet and outlet fuel filter quick connect couplings.
5. Remove the bolts from the LH fuel supply tube.
 - To install, tighten to 10 Nm (89 lb-in).
6. Remove the stud bolt first and then the 3 bolts and the fuel filter and bracket assembly.
7. Detach the tube retainer from the fuel filter bracket assembly.
 - To install, tighten to 10 Nm (89 lb-in).
8. Remove the wiring harness retainer from the crankcase vent oil separator stud bolt. Disconnect crankcase pressure sensor (if applicable).

9. Remove the 3 bolts, stud bolt and the crankcase vent oil separator assembly.





10. Clean the valve cover and install your SPE CCV flanges, matching the round block off to the most forward valve cover prevision and the venturi fitting to the rear most hole in the valve cover (use supplied hardware). Install the silicone hose and clamp, routing the hose over top of the brake booster.



11. Install the rubber cap on the lower intake manifold pushing all the way down, use the supplied zip tie to secure it in the groove of the fitting.

Note: On trucks utilizing the electrical connector on the factory hose, it is best to retain it by cutting it as shown in the pic below and installing the cap over top of the plastic.



12. Install other parts (fuel filter, Intercooler pipe) reverse of removal.