







SPELAB

CCV Reroute Kit

2011-2016 LML 6.6L Duramax

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PACKING INCLUDE

- 1 × 5 Feet 3/4" Hose
- 1 × Aluminium 2-Bolt Vent Adapter
- 2 × Aluminum Baffle
- 2 × Sealing Ring
- 2 × Exhaust Adapter bolts
- 1 × AN Hose Clamp
- 1 × 90 Degree Adapter
- 2 × Rubber ties



WARNING

CAUTION!!! Never work on a hot vehicle. Serious injury in the form of burns can result if the vehicle has been in use. Allow vehicle to cool prior to installation. Always wear eye protection when working on or under any vehicle.

Note: For your safety we recommend disconnecting any negative battery terminals whenever working on any vehicle. Installation of the Cold Air Intake requires removal of the plumbing to the turbo intake. Use caution not to get any dust, debris, or tools left where they may enter the system.

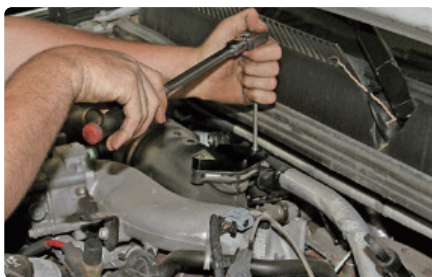
INSTALLATION NOTES

Note: Prior to installation, please compare the parts that you have received with the bill of materials listed above to ensure that you have all the necessary parts for installation.

INSTALLATION STEPS



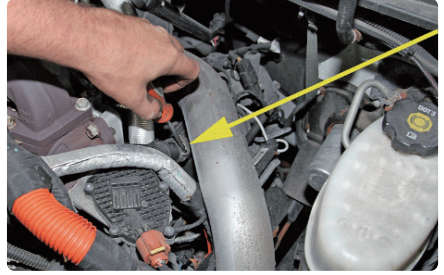
Step 1: Before installing the machined billet aluminum delete plate, lubricant on the inside and runs it around the inner edge with his finger to prevent it from snagging on the O-ring as it's installed.



Step 2: Tightens the mounting bolts to the plate. Be sure not to over-tighten them as they are running into a plastic intake tube and the O-ring handles the seal, not the torque on the bolts.



Step 3: To begin rerouting the factory PCV line, start by removing the crimped clamp on the line (see arrow) that connects to the valve cover below the turbo boost tube.



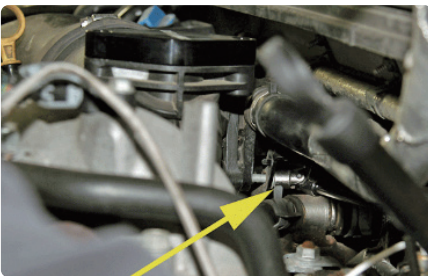
Step 4: After removed the clamp, pulled the end of the PCV hose off the fitting as shown.



Step 5: The other end of the PCV hose is bolted to the turbo intake near the resonator delete plate as seen here.



Step 6: After loosening the top bolt, it can be threaded out by hand.



Step 7: But, the bottom bolt is much more difficult to access and get a wrench on. Use a U-joint socket (see arrow) and long extension along with a lot of patience to loosen and remove the lower mounting bolt.



Step 8: Once both bolts are removed, the PCV hose assembly can be lifted out of the engine bay.



Step 9: Then install the included block off plate to replace the PCV hose assembly and reuse the factory mounting bolts to secure the plate. Be sure to position the wire harness bracket under the lower bolt once again so that it is secure in the engine bay as shown.



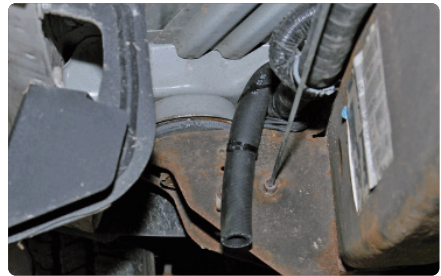
Step 10: Before installing the new hose on the valve cover PCV fitting, be sure to slide the spring clamp onto the hose and a few inches back from the end so that you can slip the hose onto the barbed fitting.



Step 11&12: 11 & 12 Next, slip the hose onto the PCV fitting, and then slide the clamp into position with a set of long nosed angle pliers to secure the hose to the PCV fitting.



Step 13: With the hose secured at the fitting end, carefully route the hose to loop up and then over and down to the frame rail on the driver's side of the engine. Be careful not to route the hose near moving and/or hot items when operating the truck.



Step 14: Lift the truck on the hoist and go under it to route the hose to the outside of the frame, and then secure it with the zip-ties provided in the kit. Installing a vented catch can with a drain and breather filter would be a good addition to the PCV reroute especially for anyone interested in drag racing their truck.