

# ***SUNCENT***

**2004-2010 6.6L Duramax LLY LBZ LMM**

## **PCV/CCV Reroute/Delete Kit**

### **Installation Manual**

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## **Warning Regarding Emissions Laws**

Not legal for sale or use on pollution-controlled motor vehicles anywhere in the United States. Legal ONLY for off-road competition racing vehicles and cannot be used on vehicles that are operated on public streets, roads, or highways.



## **Disclaimer**

### **(1) Assumption of Responsibility**

By installing this product on your vehicle, you assume all risks and legal liabilities associated with the use of this product.

### **(2) Regulatory Compliance Obligations**

- You are responsible for ensuring that your vehicle fully complies with federal, state and local emission regulations. (Federal and certain local laws prohibit the removal, modification or disabling of any component that affects vehicle emissions or safety design.)
- Fine penalties or fines resulting from the removal of vehicle emission equipment shall be borne by the end user.
- Use on public roads or highways is prohibited. Violators may face fines.
- All civil penalties or fines resulting from the removal of vehicle emission equipment shall be borne by the end user.

### **(3) Impact of Factory Warranty**

Due to the high performance characteristics of this product, the factory warranty provided by the vehicle manufacturer may be affected and invalidated.

### **(4) Product Misuse Disclaimer**

SuncentAuto assumes no liability for improper use or installation of the product. By installing this product, you are deemed to have released SuncentAuto from any and all legal liability related to its use.

### **(5) Regional Legal Restrictions**

The installation or use of this product may be restricted according to local regulations. Please check all applicable laws before operation.

### **(6) Legal Liability Exemption**

The purchaser and end user agree to release SuncentAuto from any claims, damages, lawsuits, injuries or expenses caused by the following actions, including but not limited to:

- Breaking the terms of this statement, product disclaimer or installation instructions;
- Direct, indirect, incidental, punitive, statutory or special damages or penalties arising from the installation or use of this product.



## **Installation Precautions**

### **(1) Never Work on a Hot Vehicle**

If the vehicle is in use, severe burns may occur. Allow the vehicle to cool before installation. Always wear goggles when working on or under any vehicle.

### **(2) Remove Rust/Lubricate Fully Before Disassembly**

Older vehicles have more rust on the bolts. Before disassembly, spray rust remover (WD-40) and wait for 10 minutes. Remove rust/lubricate fully before disassembly to prevent damage to the screws. (We have received many cases of damage, so we would like to remind you of this.)

## STEP 1

Disconnect the negative battery terminal and insulate it.

## STEP 2

Remove the intake manifold and intake resonator.



Image 1

## STEP 3

As shown in the left image, follow the arrow until you see the PCV manifold retaining screw (see the right image). Remove it and save the screw.



Image 2



Image 3

## STEP 4

Disconnect the connector. Under the connector, you will see the retaining screw on the other side of the PCV manifold. Remove it and save the screw.

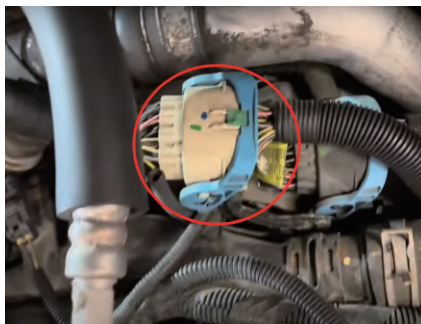


Image 4



Image 5

## STEP 5

Loosen the clamp and remove the PCV manifold from the connection.



Image 6

## STEP 6

Remove and discard the left fuel supply tube bolts.



Image 7

## STEP 7

Press the intake resonator plug into the manifold opening, as shown.



Image 8



Note: When the engine is running, the internal pressure in this section of the intake manifold is negative, so there is no need to worry about the plug blowing out.

## STEP 8

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



Image 9

## STEP 9

Install the connector as shown, attach the pipe, and secure with a clamp.



Image 10



Image 11

## STEP 10

Similarly, install the connector on the other end, attach the pipe, and secure with a clamp.



Image 12

## STEP 11

Extend the pipe toward the underbody and secure it with a crimping band.



Image 13



Image 14



Note: Route the pipe away from the exhaust system and other high-temperature components.