

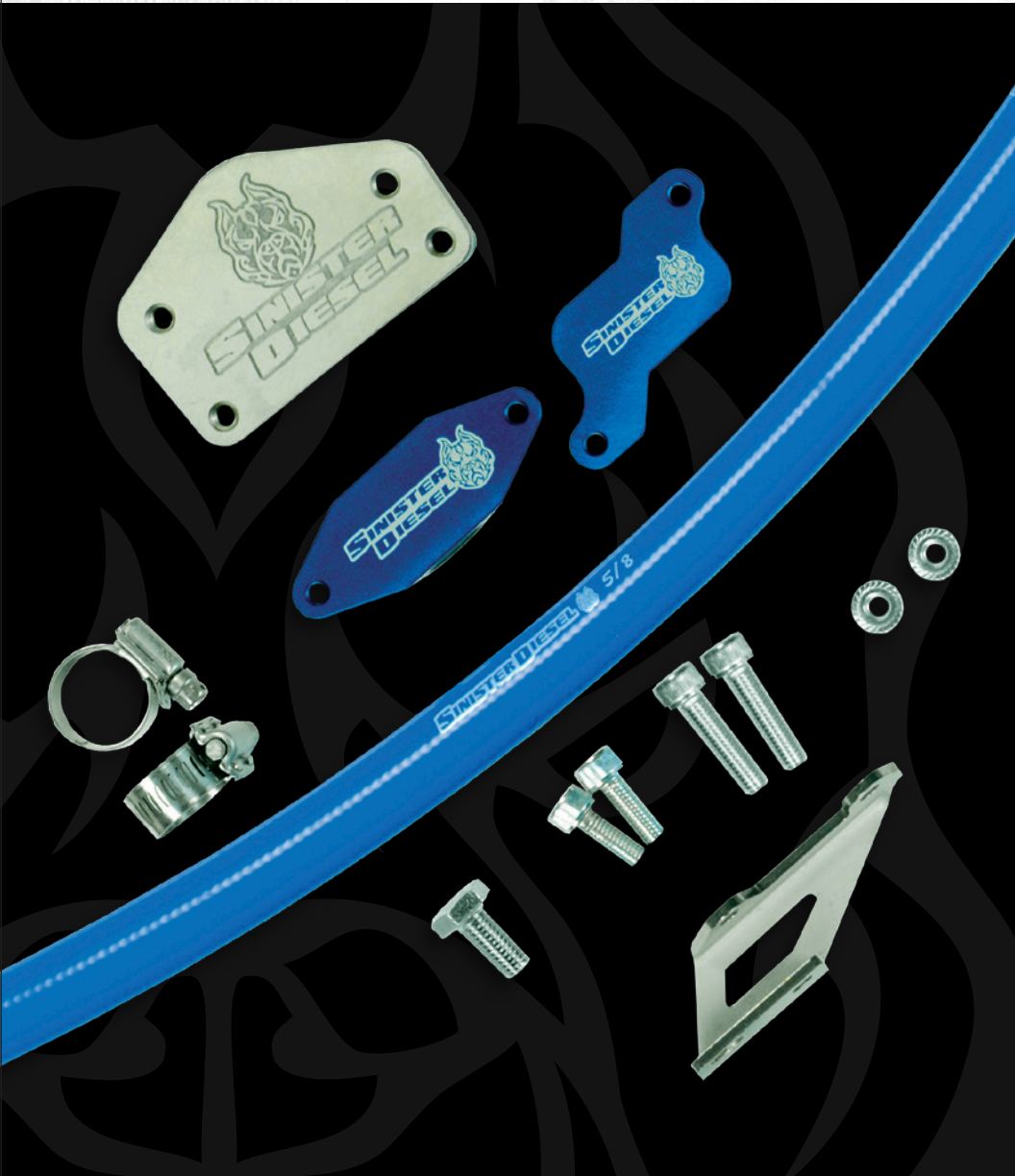
INSTALLATION GUIDE:



**SINISTER
DIESEL**

EGR Delete Kit

2004.5–2005 Chevy 6.6L Duramax





WARNING: 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) By installing this product onto your vehicle, you assume all risk and liability associated with its use.

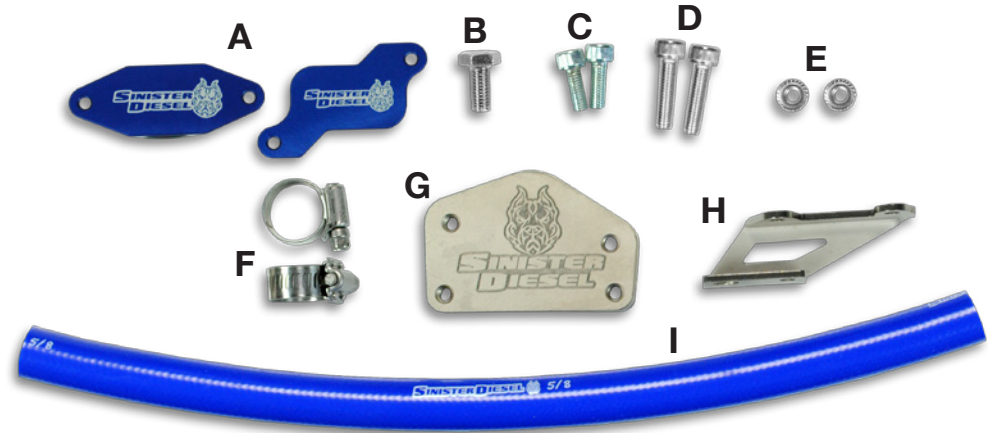
2) It is your responsibility to make sure your vehicle complies with all federal, state, and local emissions laws. Federal and many state and local laws prohibit the removal, modification or rendering in-operative of any part of the design affecting emissions or safety on motor vehicles used on a public street or highway. Violation may result in a fine of up to \$32,500 per vehicle (or possibly higher depending on changes in the law). All civil penalties and fines for removing your vehicle's emissions equipment are the sole responsibility of the end user.

3) Due to its high performance nature, this product may void vehicle manufacturer's warranty.

4) Sinister Mfg Company, Inc. is not responsible for misuse of its products. By installing this product, you release Sinister Mfg Company, Inc. of any and all liability associated with its use.

5) Depending on where you live, restrictions may apply. Check all applicable laws before installing or using!

6) The purchaser and end user releases, indemnifies, discharges and holds harmless Sinister Mfg Company, Inc. from any and all claims, damages, causes of action, injuries, or expenses resulting from or relating to the use or installation of this product that is in violation of the terms and conditions on this page, the product disclaimer, and/or the product installation instructions. Sinister Mfg Company, Inc. will not be liable for any direct, indirect, consequential, punitive, statutory, or incidental damages or fines caused by the use or installation of this product.



PART:	DESCRIPTION:	QTY:
A	Billet EGR Block Off Plates with O-Ring	2
B	M10 x 20mm Hex Head Bolt	1
C	M8 x 20mm Allen bolts (short)	2
D	M8 x 30mm Allen Bolts (Long)	2
E	M8 Flanged Nuts	2
F	Hose Clamps	2
G	Nickel Plated Steel Exhaust Block Off	1
H	Steel Support Bracket	1
I	5/8"x17" Silicone Hose	1

IMPORTANT: READ ALL INSTRUCTIONS PRIOR TO INSTALL. Prior to installation, please compare the parts that you have received with the bill of materials provided on this page to assure that you have all the parts necessary for the installation.



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.

IMPORTANT: With a used vehicle, we suggest using a penetrating spray lubricant to be applied liberally to all exhaust fasteners. When doing so, allow a significant amount of time for the chemical to lubricate the threads before attempting to disassemble.

- 1 Disconnect both batteries.
- 2 Drain coolant
- 3 Remove intake resonator by loosening hose clamp and support bolt. (Image 1)
- 4 Disconnect the mass air flow sensor. Remove the intake tube by loosening the hose clamps on the intake tube. (Image 2)
- 5 Remove zip ties and pull wiring away from intake charge tube. (Image 3)
- 6 Remove the intake tube from the vehicle. The intake tube is held in place by one hose clamp and six bolts. Two bolts secure the flange at one end and the four remaining bolts secure the intake tube to the EGR Valve. (Image 4)



IMAGE 1



IMAGE 2



IMAGE 3

Note: Stuff a clean rag in the rubber boot to keep debris out of the intake system.

- 7 Remove the PCV hose on passenger side of truck. (Image 5)
- 8 Remove the four bolts and nuts near the firewall that secure the EGR cooler in place.
- 9 Remove the 4 bolts and nuts that hold the EGR valve to the motor. Disconnect all coolant lines running to the EGR cooler. The entire EGR assembly can now be pulled up and out. Be sure to save the exhaust gasket for installation of the block off plate. (Image 6)
- 10 Pre-assemble the charge tube with the supplied blue block off plates with O-rings. Note: Be sure to install the two longer bolts on the front side of the tube. (Image 7)
- 11 Install the supplied support bracket to the motor, re-using one of the factory bolts and the supplied M10 x 20 hex head bolt. (Image 8)



IMAGE 4



IMAGE 5



IMAGE 6



IMAGE 7

12 Reusing the Factory gasket, install the ex-
haust block-off with
the supplied 20mm
and 30mm bolts. All
bolts will be installed
from the backside of
the block-off plate.
(Image 9)

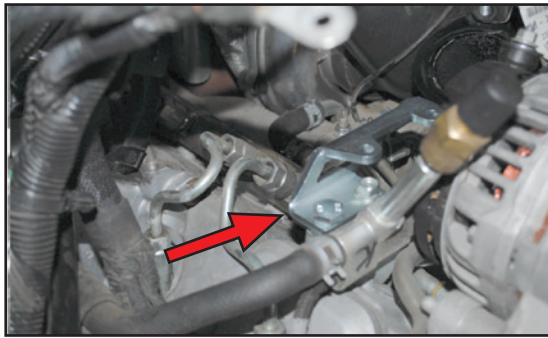


IMAGE 8

13 Replace EGR cool-
ant lines with the
supplied Sinister
coolant line. This
will reconnect the
coolant line from the
firewall to the ther-
mostat. (Image 10)

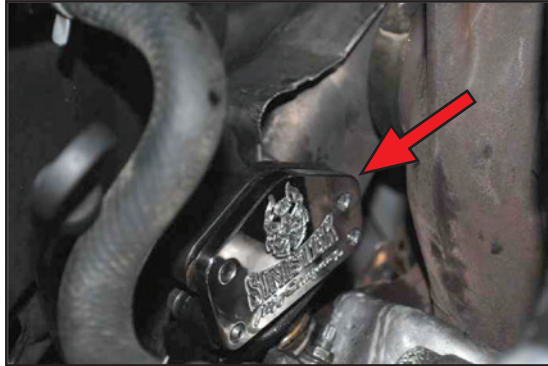


IMAGE 9

14 Re-install intake
tube with the front
long bolts going
through the pre-
viously installed
support bracket.
(Image 11)



IMAGE 10

15 Reverse earlier steps
to re-install the
pcv hose, electrical
wires, intake and
intake resonator.

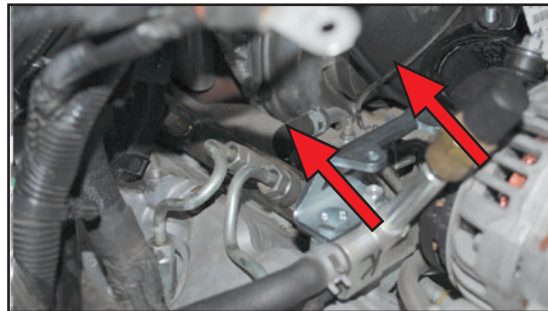


IMAGE 11

16 Refill Coolant to
factory specifica-
tions. Run Engine
and check for leaks.
Top off the coolant
as needed.

**Installation of
your Sinister Diesel
EGR Delete Kit
is now complete.**

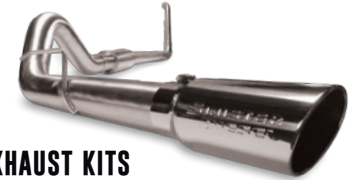
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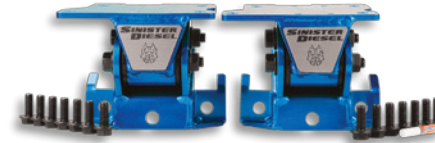
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