

INSTALLATION GUIDE



**SINISTER
DIESEL**

Cold Air Intake

2003–2007 Ford 6.0 Powerstroke





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 inoperative 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	Blue Sinister Filter w/ Hose Clamp	1
B	Intake Tube	1
C	Hose Clamps	2
D	Intake Tube Support Bracket	1
E	4"x2.5" Silicone Coupler	1
F	6 1/2" Silicone PCV Hose	1
G	T-20 Security Torx Bit	1
H	PCV Adapter O-ring	1
I	Straight PCV Fitting	1
J	90 PCV Fitting	1
K	M8x15 Bolt and Flange Nut	1
L	EO Sticker	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: For your safety we recommend disconnecting any negative battery terminals whenever working on any vehicle. Installation of the Sinister Diesel Cold Air Intake requires removal of the plumbing to the turbo intake. Use caution not to get any dust, debris, or leave tools where they may enter the system.

- 1 Remove the factory air filter. Release the clips, then pull the front and rear covers

Note: The covers interlock to the bottom of the filter. Pulling out and up releases them.

- 2 Disconnect the MAF sensor plug. (Image 2)

- 3 Remove the front & rear covers for the filter from the vehicle. The rear cover is secured by a hose clamp. Use an 8mm socket or a regular screw driver to release it. (Image 3)

Note: Remove the rubber hose that is attached to the front cover from the vehicle as well.

- 4 Loosen the hose clamp securing the stock intake to the turbo. (Image 4)

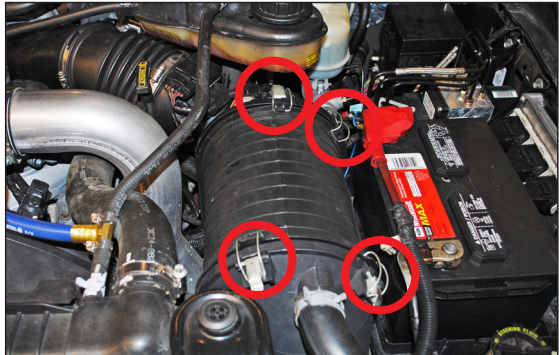


IMAGE 1

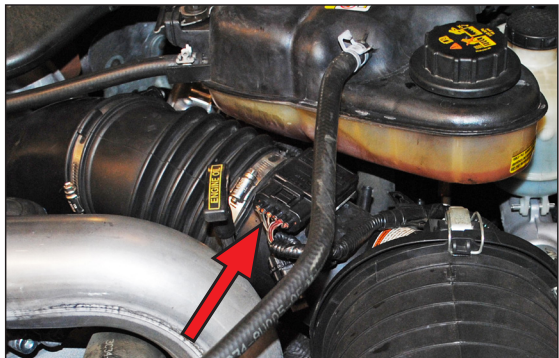


IMAGE 2

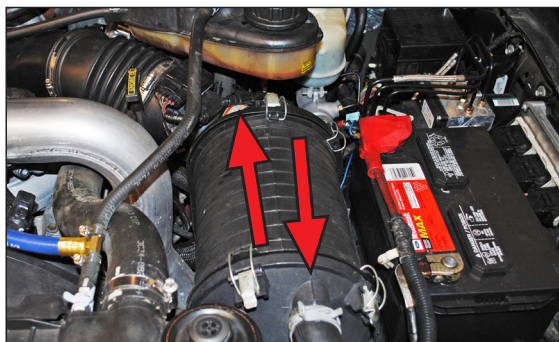


IMAGE 3

- 5 Remove the two 10mm nuts securing the intake bracket to the fuel injection control module. Then disconnect the PCV tube from the valve cover. (Image 5)

Note: The bracket and PCV tube are located behind the intake tube in image.

- 6 Remove the remaining factory intake tube from the vehicle. (Image 6)

- 7 Install the silicone coupler to the turbo inlet using one of the supplied hose clamps. (Image 7)

- 8 Install the PCV adapter to the valve cover. If your valve cover doesn't have a plastic box attached to it (as seen in Image 8) use the included 90° adapter. (Image 8)

Note: In step 9, you may need to cut the silicone hose to fit. Years 03-04 with no plastic box attached to the valve cover, leave the hose 6 1/2" long.

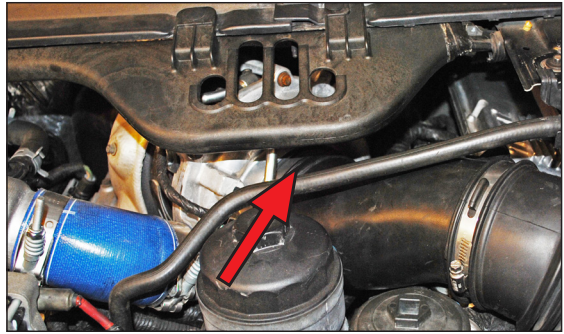


IMAGE 4

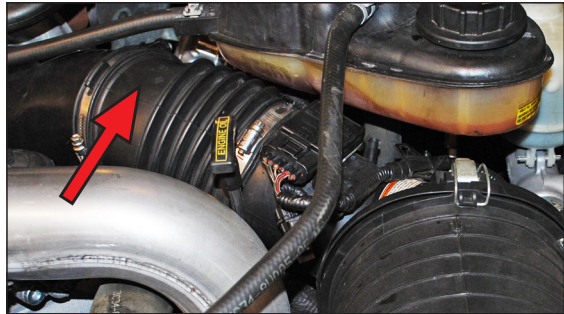


IMAGE 5

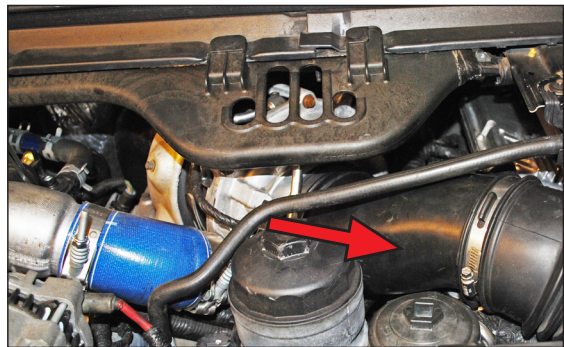


IMAGE 6



IMAGE 7

9 Connect the supplied silicone hose to the PCV adapter. Years 05-07 cut the hose to 4 3/4" (Image 9)

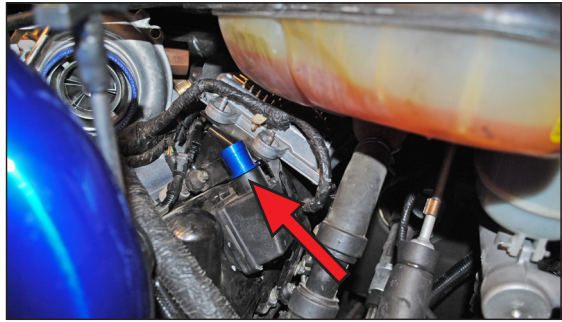


IMAGE 8

10 Using the supplied security torx tool, transfer the MAF sensor from the factory intake to the new Sinister Diesel intake. Then install the intake support hand tight. (Image 10)

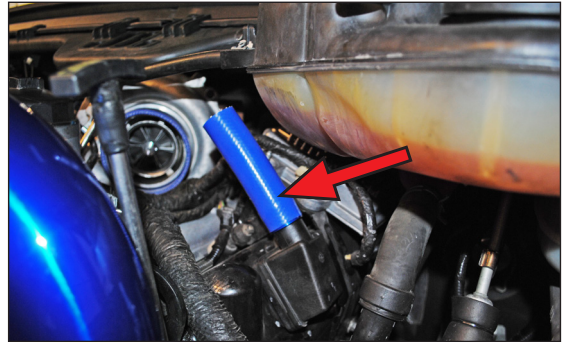


IMAGE 9

11 Install the Sinister Cold Air Intake into the vehicle with the remaining hose clamp. Connect the PCV silicone hose to the intake, and reconnect the MAF sensor. (Image 11)

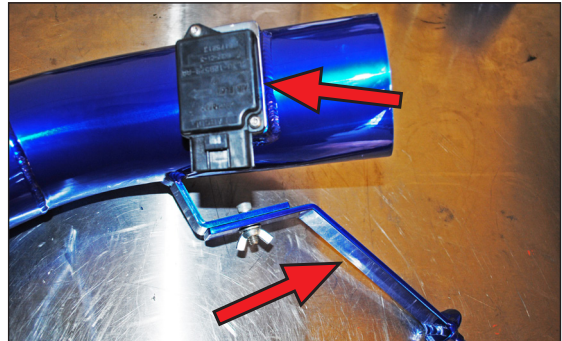


IMAGE 10

Note: The silicone PCV tube is a press on fitting and doesn't use any clamps.

12 Secure the intake support bracket by inserting the end into the factory rubber mounting grommet. Then tighten the mounting bolt. (Image 12)



IMAGE 11

13 Place the supplied filter onto the intake. Be careful not to tear the filter on any sharp edges in the vehicle. Secure the filter with the supplied hose clamp. (Image 13)



IMAGE 12

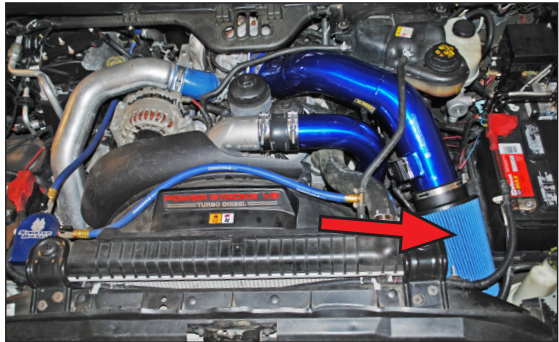


IMAGE 13

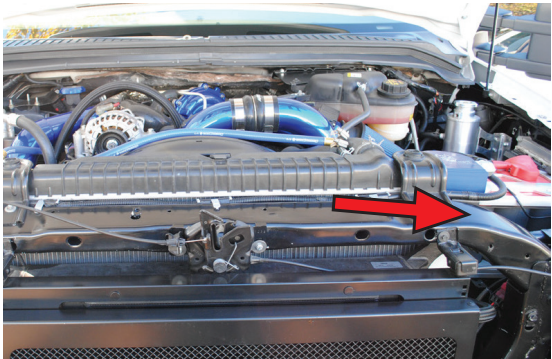


IMAGE 14

*** E.O. identification label is required in passing the Smog Check inspection. The E.O. identification label must be placed on or near the device in the engine compartment. (Image 14)**

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