

INSTALLATION GUIDE



**SINISTER  
DIESEL**

# (Hot Side) Charge Pipe

2004.5-2010 Chevy/GMC 6.6L Duramax LB7/LLY





# DISCLAIMER

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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.

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| PART:    | DESCRIPTION:              | QTY:     |
|----------|---------------------------|----------|
| <b>A</b> | <b>Intercooler Tube</b>   | <b>1</b> |
| <b>B</b> | <b>Turbo Reducer Boot</b> | <b>1</b> |
| <b>C</b> | <b>Intercooler Boot</b>   | <b>1</b> |
| <b>D</b> | <b>Small Clamp</b>        | <b>1</b> |
| <b>E</b> | <b>Large Clamp</b>        | <b>3</b> |

**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:** Installation of the Sinister Diesel Charge Pipe requires removal of the factory CAC tube. Be sure to keep area clean and do not allow any debris to enter the system.

- 1 Loosen the clamp on the silicone coupler at the turbo outlet with a deep 11mm socket. (Image 1)



IMAGE 1

- 2 The lower intercooler boot can be accessed from the top with a long extension and 11mm deep socket. (Image 2)



IMAGE 2

- 3 Once the pipe is removed, use alcohol to clean the turbo outlet. (Image 3)

- **4** The lower intercooler connection also needs to be cleaned with alcohol to remove any oil residue. (Image 4)



IMAGE 3

- 5** Install the intercooler boot (Item C) onto the intercooler with clamps. (Item E) (Image 5)



IMAGE 4

- 6** Install the Sinister Intercooler Pipe (Item A), carefully routing it down through the engine compartment. Install it into the lower boot. (Image 6)



IMAGE 5

- 7** Install the Turbo Reducer Boot (Item B) with the clamps (Item D & E). The pipe will have to be lifted slightly. (Image 7)



IMAGE 6

**8** The last connection is a tight fit, insert the pipe into the turbo boot, making sure there is no binding at any connection. (Image 8)



IMAGE 7

**9** With everything lined up and installed, tighten up all four clamps with a deep 11mm socket just to the point that their springs bottom out.



IMAGE 8

**Installation of your Sinister Diesel Hot Side Charge Pipe is now complete.**

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**#1 IN PERFORMANCE PARTS & KITS**

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