

## INSTALLATION GUIDE



# (Hot Side) Charge Pipe

2011-2015 Chevy/GMC 6.6L Duramax LML





# 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.

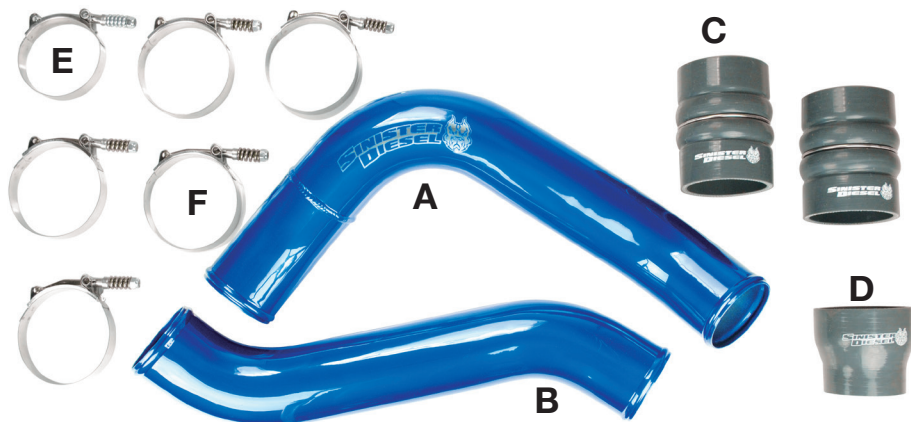
3) Due to its high performance nature, this product may void vehicle manufacturer's warranty.

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>	Upper Intercooler Tube	<b>1</b>
<b>B</b>	Lower Intercooler Tube	<b>1</b>
<b>C</b>	Intercooler Boot	<b>2</b>
<b>D</b>	Turbo Reducer Boot	<b>1</b>
<b>E</b>	Small T-Bolt Clamp	<b>1</b>
<b>F</b>	Large T-Bolt Clamp	<b>5</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 Remove the driver side inner fender liner using a body clip tool and 6mm socket. Be careful with the plastic clips as they will need to be reused. (Image 2)



IMAGE 2

- 3 The lower charge pipe boot must be removed at the intercooler end (access may be tricky). The clamp can be loosened with a deep 11mm socket. (Image 3)



4 Your charge pipe may be stuck on the turbo and intercooler and may require a significant amount of force to break free. A hose removal tool will help. A small screwdriver or pick can be used as well.

5 Remove the tube in one piece. Be careful not to hit the hood when snaking the tube up through the top of the engine bay. (Image 4)

6 The turbo and intercooler connections will have oil residue. We recommend using alcohol to clean those mating surfaces. (Image 5)

7 Install the Sinister turbo boot (Item E) with the clamps (Items F & G) loosely in place. (Image 6)

8 Install the Sinister intercooler boot (Item C) with the clamps (Item G) loosely in place. (Image 7)



IMAGE 3



IMAGE 4

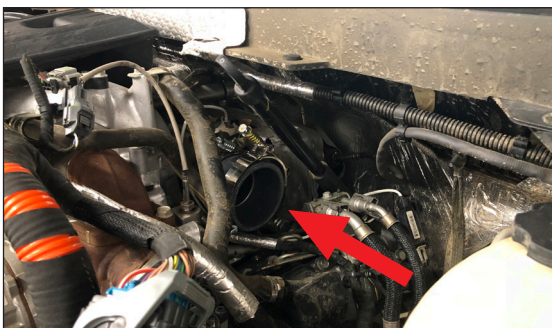


IMAGE 5



IMAGE 6

- 9** Install the new Sinister pipes. It is usually easiest to install the lower portion (Item B) first, including boot and clamps (Items C & G). Then connect the upper elbow piece (Item A) to the middle connection. (Image 8)

**NOTE:** Glass cleaner will ease the installation of the pipes into the boots and not leave an oily residue.

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

- 11** The inner fender liner can now be re-installed.

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



IMAGE 7

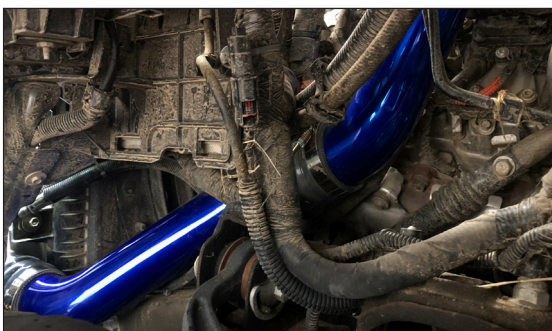


IMAGE 8



SD-INTRPIPE-LML-HOT

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**#1 IN PERFORMANCE PARTS & KITS**

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