

INSTALLATION GUIDE



(Cold Side)

# Charge Pipe

2011 - 2023 Ford 6.7L Powerstroke

(Install Time: 1 hour)





# 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.

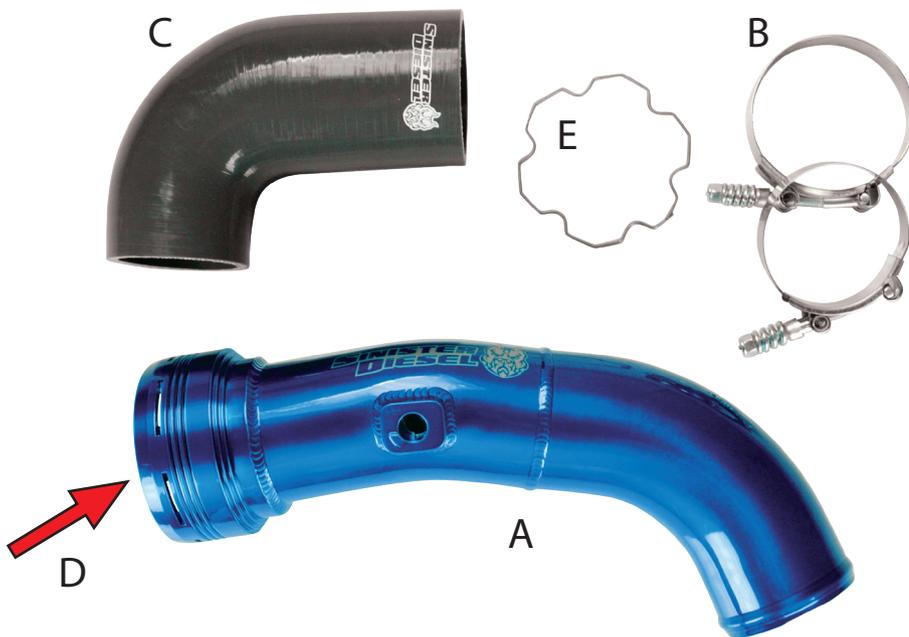
3) Due to its high performance nature, this product may void vehicle manufacturer's warranty.

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>	Intercooler Tube	<b>1</b>
<b>B</b>	Boot Clamps	<b>2</b>
<b>C</b>	90 Degree Boot	<b>1</b>
<b>D</b>	O-ring (Pre-installed inside)	<b>1</b>
<b>E</b>	Wire Locking Ring	<b>1</b>

***If you have any issues regarding this product, or if it arrives with missing parts please contact Sinister Diesel directly at (888) 966-6543. Thank you.***

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** Disconnect the negative battery terminals on both batteries.



IMAGE 1

- 2** Remove or pull back coolant lines to gain better access to intercooler pipe. (Image 1 & 2)



IMAGE 2

- 3** Locate and remove OE wire locking ring holding intercooler tube adaptor to intake manifold assembly. (Image 3 & 4)

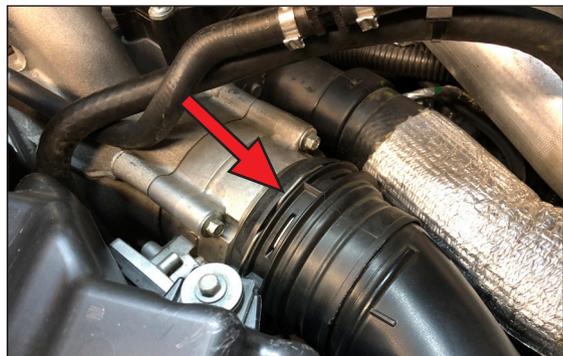


IMAGE 3

- 4 Loosen hose clamp securing plastic inter-cooler pipe in place. You can then remove factory plastic inter-cooler pipe. (Image 5)



IMAGE 4

- 5 Locate and loosen lower intercooler boot clamp and remove the remaining intercooler pipe. (Image 6)

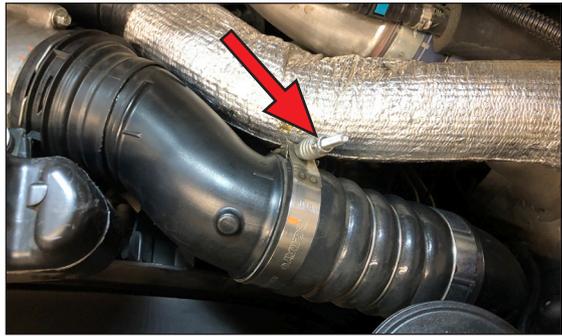


IMAGE 5

**WARNING: USE EXTRA CARE WITH SENSOR!** ▼▼▼

- 6 Disconnect electrical connector now that you have access to it. Gently pull locking tab up just enough to disengage from lock, rotate 1/4 turn counter-clockwise and pull straight out. Reinstall sensor into new Sinister Diesel pipe (A), rotate clockwise 1/4 turn, careful as the locking tab is fragile.



IMAGE 6

**7** Place the smaller boot clamp (B) over the short end of 90° boot (C) and loosely install to the intercooler outlet, clocked to where the edge of the boot is 1/4" from the power steering reservoir, tighten that lower clamp to the point that the spring just barely bottoms out. Slip larger upper boot clamp onto the boot. Using glass cleaner, spray inside of boot and install new Sinister intercooler pipe (A) into boot. Push down as far as needed to clear the intake manifold on other end. (Image 7)



IMAGE 7

**8** Install new wire locking ring (E) on welded billet coupler and make sure it's fully seated in the groove. Spray glass cleaner inside coupler on pre-installed o-ring (D) and shove pipe over intake manifold. This will take some force, re-lubricate if necessary. (Image 8)



IMAGE 8

**9** Finally, tighten up both spring clamps (B). And now that the clamps are tight, you can reconnect your batteries. Installation is complete. Enjoy!



IMAGE 9



SD-INTRPIPE-6.7P-COLD

2024



**#1 IN PERFORMANCE PARTS & KITS**

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