

INSTALLATION GUIDE



(Cold Side) Charge Pipe

2011–2018 Ford 6.7L Powerstroke

(Install Time: 1 hour)





DISCLAIMER

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

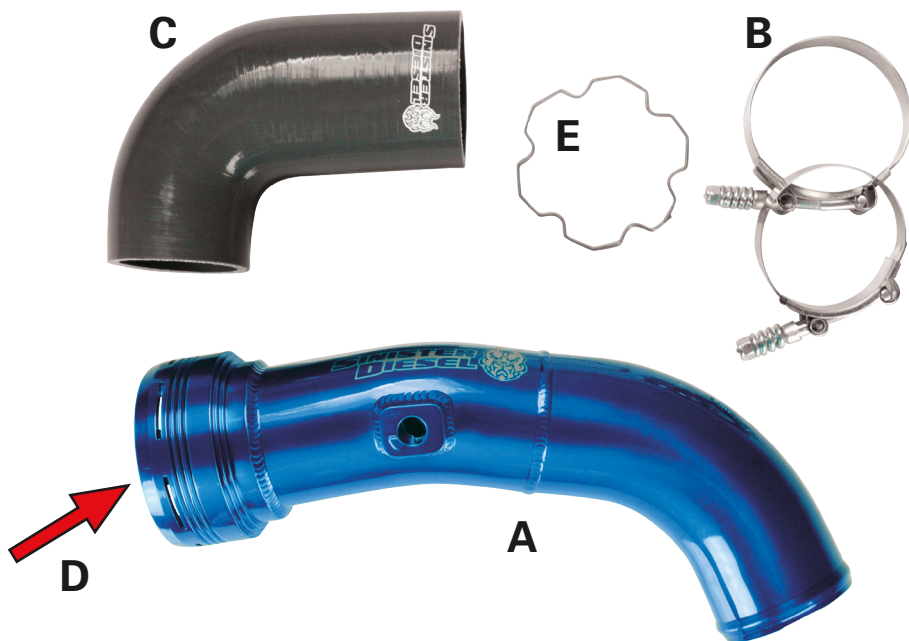
2) It is your responsibility to make sure your vehicle complies with all federal, state, and local emissions laws. Federal and many state and local laws prohibit the removal, modification or rendering in-operative of any part of the design affecting emissions or safety on motor vehicles used on a public 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	Intercooler Tube	1
B	Boot Clamps	2
C	90 Degree Boot	1
D	O-ring (Preinstalled)	1
E	Wire Locking Ring	1

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)

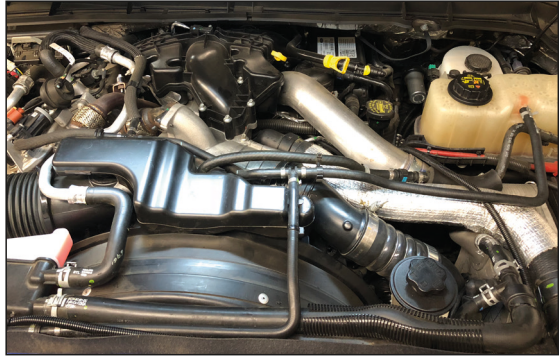


IMAGE 1

- 2 Remove or pull back coolant lines to gain better access to intercooler pipe. (Image 2&3)

- 3 Locate and remove spring clip holding intercooler tube adaptor to throttle valve assembly. (Image 4&5)



IMAGE 2

- 4 Loosen hose clamp securing plastic intercooler pipe in place. You can then remove factory plastic intercooler pipe. (Image 6&7)

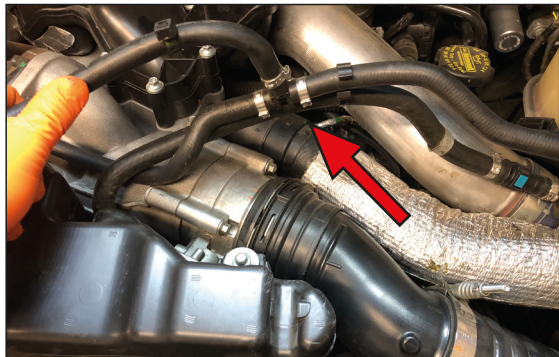


IMAGE 3

5 Locate and loosen lower intercooler boot clamp and remove the remaining intercooler pipe. Be sure to disconnect electrical connector now that you have access to it. (Image 8)

6 You can now loosely install the 90° boot to the intercooler outlet and the new Sinister Diesel intercooler pipe. Be sure to use the new clamps supplied in your kit. (Image 9)

7 You can now remove the factory sensor and reinstall it into the new Sinister pipe, this is a ¼ turn sensor. Once installed, you can plug the connector back in. (Image 10)

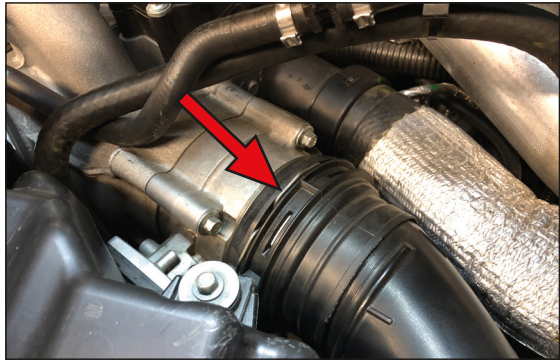


IMAGE 4



IMAGE 5

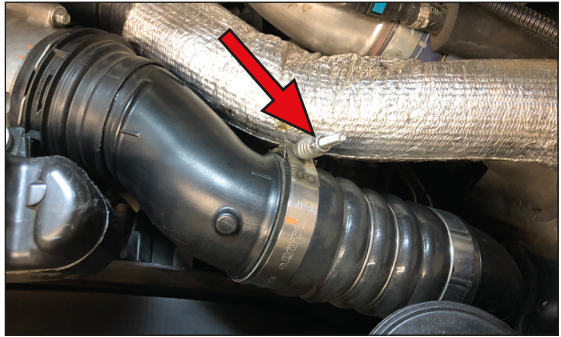


IMAGE 6



IMAGE 7

8 Using the original wire spring clamp from step 3 pre-install it into the groove of the billet tube adaptor. Due to tight tolerances, it may be easier to install boot onto the intercooler pipe, and then the adaptor before sliding it together. Make sure the wire locks into correct groove on the throttle valve. (Image 11)

9 Starting at the inter-cooler boot, tighten up all spring clamps until the spring just barely bottoms out. Now that all the clamps are tight, you can reconnect your batteries and enjoy your newly installed Sinister Diesel Inter-cooler Pipe.



IMAGE 8



IMAGE 9



IMAGE 10



IMAGE 11



#1 IN PERFORMANCE PARTS & KITS

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