

INSTALLATION GUIDE



Cold Air Intake

2020 - 2021 Ford 6.7L Powerstroke

(Install Time: 2 hours)





DISCLAIMER

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

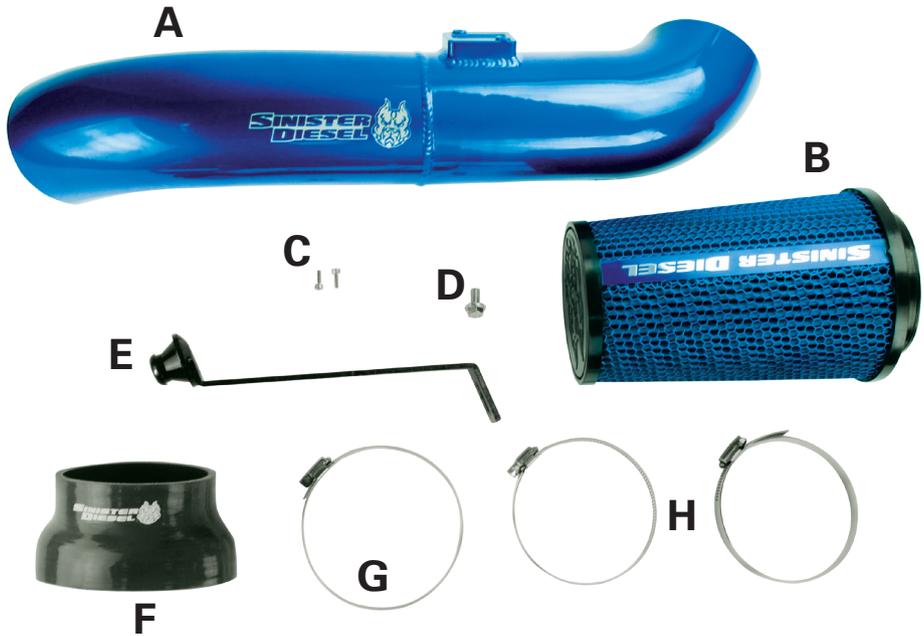
2) It is your responsibility to make sure your vehicle complies with all federal, state, and local emissions laws. Federal and many state and local laws prohibit the removal, modification or rendering inoperative of any part of the design affecting emissions or safety on motor vehicles used on a public 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 | Intake tube | 1 |
| B | Intake Filter | 1 |
| C | 8-32 x 1/2 Socket Head Cap Bolts | 2 |
| D | 8mm Flange Bolt | 1 |
| E | Support Bracket | 1 |
| F | Silicone Boot | 1 |
| G | #72 Hose Clamp | 1 |
| H | #64 Hose Clamp | 2 |

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.

1 Disconnect negative terminals on both batteries.

2 Disconnect MAF sensor and using a panel pulling tool, remove push pin. (Image 1)

3 Using a panel pulling tool, remove push pin holding front intake scoop and remove scoop by pulling straight up. (Image 2)

4 Using a 7mm socket, loosen clamps holding intake boot from air box and intake plenum.

5 Remove intake boot and intake plenum. (Image 3)

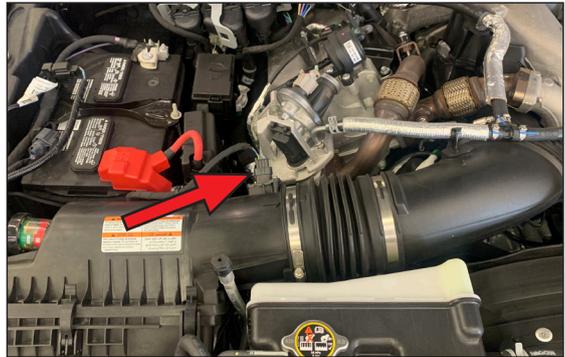


IMAGE 1

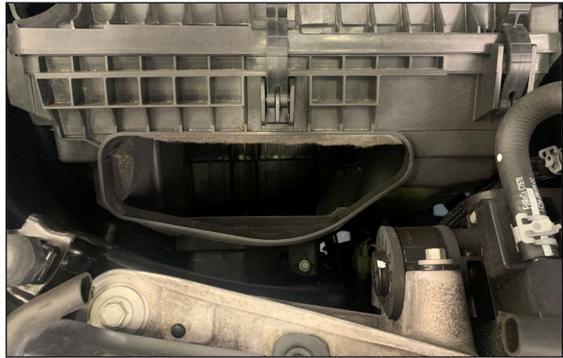


IMAGE 2



IMAGE 3

1

1

6 Unclip three plastic clips holding air box lid and remove lid. (Image 4 & 5)

7 Using 7mm socket, remove screw holding airbox down.

8 Remove air box by pulling straight up. (Image 6)

9 Install new Sinister oval/round boot (F) onto intake plenum and tighten plenum side clamp with 8mm socket. (Image 7)

10 Using T20 torx bit, remove MAF sensor from original airbox lid.

11 Using supplied hardware (C), use a 9/32" allen wrench to install MAF sensor into new Sinister intake tube (A). (Image 8)

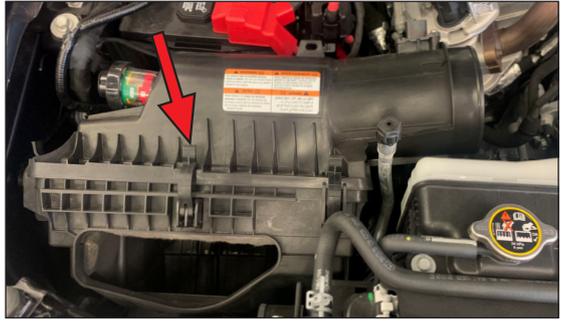


IMAGE 4



IMAGE 5



IMAGE 6

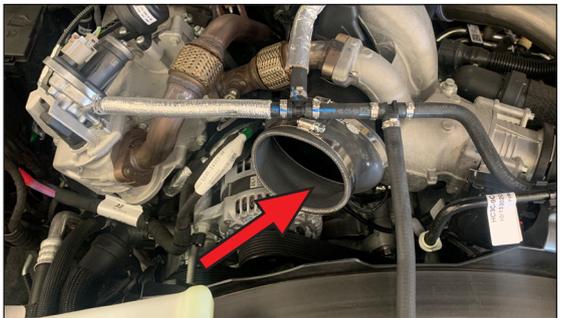


IMAGE 7

12 Using supplied 8mm flange bolt (D), loosely install intake support bracket (E) to intake tube.



IMAGE 8

13 Insert intake tube into the Sinister boot (F) and push support bracket (E) into lower factory grommet. (Image 9 & 10)



IMAGE 9

14 Using an 8mm and 13mm socket, align and tighten tube side clamp on boot and support bracket bolt (D).



IMAGE 10

15 Install new air filter (B) and tighten with 8mm socket.

16 Plug in MAF sensor.

17 Reconnect both negative terminals onto the batteries.

Installation is now complete.



IMAGE 11



SD-CAI-6.7P-20

2021



#1 IN PERFORMANCE PARTS & KITS

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