

INSTALLATION GUIDE



(Cold Side) Charge Pipe

2011-2026 Ford 6.7L Powerstroke

(Install Time: 1 hour)



⚠️ DISCLAIMER ⚠️

1. Installation Risk & Responsibility

By installing this product, the purchaser and end user acknowledge and accept all risks associated with installation, use, and operation. Improper installation, modification, or use of this product may result in vehicle damage, personal injury, or loss of vehicle functionality.

2. Installation Responsibility

This product is intended for installation by individuals with basic to intermediate mechanical knowledge and proper tools. While professional installation is not required, the installer is responsible for following all provided instructions and verifying proper fitment and secure connections. Sinister Mfg Company, Inc. is not responsible for damage resulting from improper installation, incorrect torque procedures, or failure to inspect related components during installation.

3. Pre-Installation Inspection

Before beginning installation or dismantling any part of the vehicle or engine, the purchaser and end user must open the package, read all instructions in full, and verify that all components are present, undamaged, and correct for the intended application. Sinister Mfg Company, Inc. is not responsible for labor, downtime, or vehicle disassembly costs resulting from failure to perform this inspection prior to installation.

4. Vehicle Damage & Compatibility

It is the responsibility of the purchaser and end user to verify vehicle compatibility prior to installation. Sinister Mfg Company, Inc. is not responsible for damage to the engine, turbocharger, sensors, intercooler, throttle valve, clamps, hoses, or related components resulting from improper fitment, misuse, over-boost conditions, tuning-related issues, or failure to properly secure all connections.

5. Post-Installation Inspection & Sensor Check

After installation, all clamps, couplers, fasteners, sensors, and sealing surfaces must be inspected and rechecked after the first heat cycle. Improperly secured connections, damaged sensors, pinched or missing O-rings, or improper seating of the charge pipe at the throttle valve may result in boost leaks, reduced performance, drivability issues, or a check engine light. If a check engine light occurs after installation, re-inspect all sensors, seals, and connections before further operation. Periodic inspection is recommended as part of normal vehicle maintenance.

6. Warranty Considerations

Installation of aftermarket performance parts may void or affect the vehicle manufacturer's warranty. Sinister Mfg Company, Inc. makes no guarantee regarding warranty coverage and assumes no responsibility for warranty denial or related costs.

7. Misuse & Modification

This product is designed for its intended application only. Any misuse, alteration, modification, or use outside of its intended purpose voids any product warranty and releases Sinister Mfg Company, Inc. from all liability.

8. Limitation of Liability

Sinister Mfg Company, Inc. shall not be liable for any direct, indirect, incidental, consequential, punitive, or statutory damages arising from the installation or use of this product, including but not limited to vehicle downtime, labor costs, loss of use, or repair expenses.

9. Indemnification

The purchaser and end user agree to release, indemnify, defend, and hold harmless Sinister Mfg Company, Inc. from any and all claims, damages, losses, injuries, or expenses arising from or related to the installation or use of this product.



| PART | DESCRIPTION | QTY |
|------|-------------------------------|-----|
| A | Intercooler Tube | 1 |
| B | Boot Clamps | 2 |
| C | 90 Degree Boot | 1 |
| D | O-ring (Pre-installed inside) | 1 |
| E | Wire Locking Ring | 1 |

⚠️ IMPORTANT: Parts Inspection & Installation Support

Read all instructions prior to install. For installation questions or assistance, visit the Sinister Diesel Help Center by scanning the QR code provided.

Upon delivery, open the package and compare all received components to the bill of materials to verify that all parts are present, undamaged, and correct for your application.

If any parts are missing, damaged, or incorrect, do not begin installation. Contact the Sinister Diesel Help Center within 7 days of confirmed delivery for assistance. Phone support may direct customers to submit a Help Center ticket for documentation purposes. Failure to report missing or damaged items within this time frame may result in the claim being denied.



HELP CENTER



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.

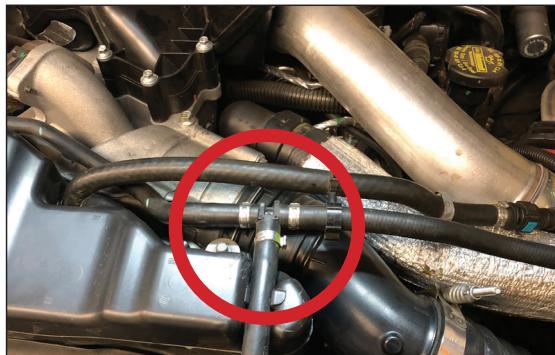


IMAGE 1

- 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 intercooler pipe in place. You can then remove factory plastic intercooler pipe. (Image 5)



IMAGE 4

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

**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 5

7 Install wire locking ring (E) onto Sinister Diesel intercooler pipe. Wire needs to fit into the grooves on the welded billet coupler. Be careful to not over stretch the locking ring.



IMAGE 6

8

Place the smaller 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. Snug the lower clamp so the boot can not slip off the intercooler. Slip larger 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)

Note: For proper silicone boot and clamp installation, please refer to the diagram on the last page.



IMAGE 7



IMAGE 8



IMAGE 9

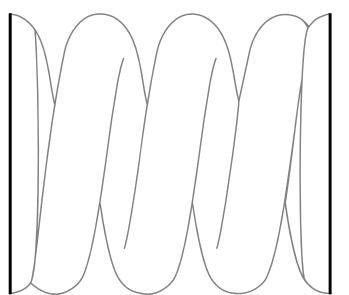
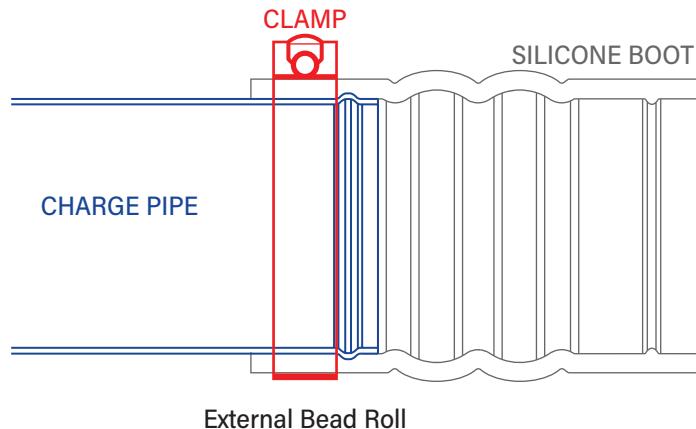
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Finally, ensure clamps are positioned correctly and tighten up both spring clamps (B). Now that the clamps are tight, you can re-connect your batteries. Installation is complete. Enjoy!

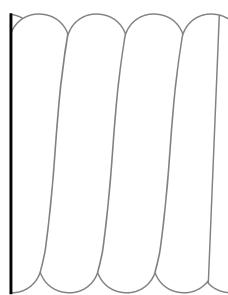
SILICONE DIAGRAM

Position silicone boot on the charge pipe far enough that the clamp can be placed directly behind the bead roll and tightened.

ALL clamps need to be tightened to the point that the spring coils are just barely compressed or touching.



LOOSE



TIGHT

IMPORTANT: If a check engine light appears or a subtle hissing sound is heard after installation, the cold-side charge pipe may not be fully seated on the throttle valve, the retaining snap ring may not be fully locked around the connector, or the internal O-ring may have been damaged during installation. Verify the pipe is fully seated and that the snap ring is completely engaged around the entire circumference of the connector. If the O-ring is damaged, replacement O-rings are available in the Replacement Parts section of our website.

If issues persist or you have any questions, contact the Sinister Diesel Help Center for further assistance before operating the vehicle.

SD-INTRPIPE-6.7P-COLD

2026



#1 IN PERFORMANCE PARTS & KITS

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