INSTALLATION GUIDE

Billet Catch Can

2003-2007 Ford Powerstroke 6.0L



⚠ 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.

⚠ **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.

HELP CENTER

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.



PART:	DESCRIPTION:	QTY:
A	3/8"x 3/4" Thread Cutting Bolt	2
B	1/2"-13 x 1" Button Head Bolt	1
C	1/2" Washer	1
D	1/2" Lock Washer	1
E	3/4" NPT Vent Plug	1
F	Catch Can Block (Blue)	1
G	Catch Can (Gray)	1
H	1/4" NPT x 3/8" Barb Ball Valve	1
I	1/2" NPT x 1" Barb	2
J	Catch Can Bracket	1
K	Hose Clamps	2
L	1"x10' Universal Fuel Hose	1

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 batteries.

2 Locate your factory CCV hose that connects the engine to the intake tube, cut crimped clamp and remove factory hose. (Image 1)

3 Start by locating the driver side frame rail location for the catch can bracket (L) It is right behind the bumper mount. (Image 2)

4 There is one pre-existing hole. Mark drill the second hole using a **21/64"** drill bit (not supplied)

5 There is one pre-existing hole. Mark and drill additional mounting hole with supplied drill bit (H).



IMAGE 1

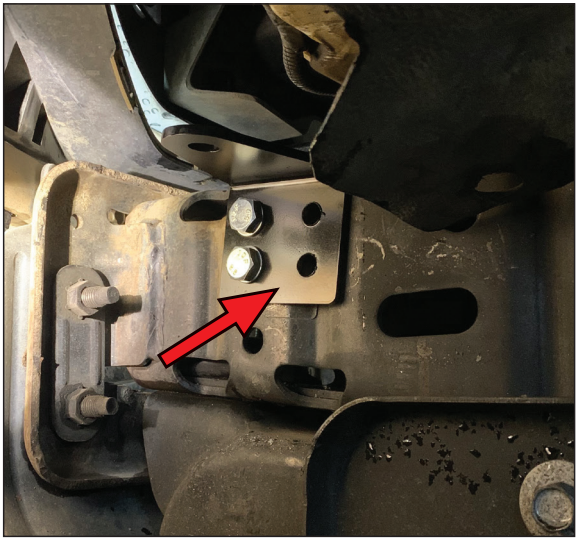


IMAGE 2

6 Install mesh vent plug (E) into catch can block (F). (Image 3)

7 Install supplied barb fittings (I) with Teflon tape into catch can block. (Image 4)

8 Using supplied ½" button head bolt (B), lock washer (D) and washer (C), attach catch can block (F) to the bracket (J), be sure to clock the top so that the fittings are accessible. (Image 5)

9 Using supplied hose (L), connect end to the motor side of where the CCV hose was removed, route hose, careful not to create any kinks, to the inlet port of the catch can block (F) (Image 5) and secure with supplied hose clamp (K).

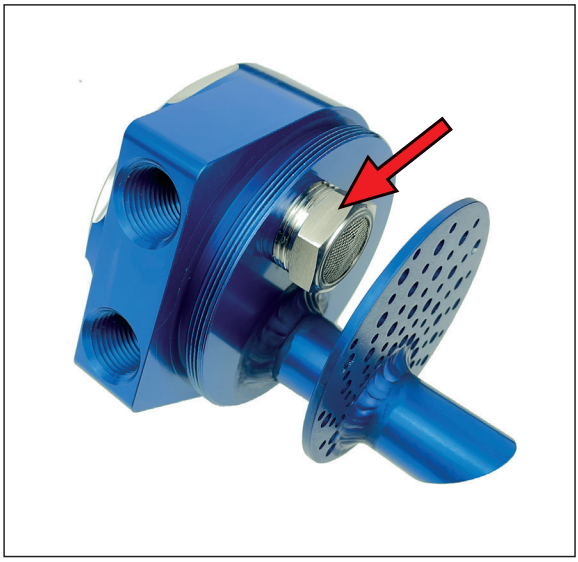


IMAGE 3

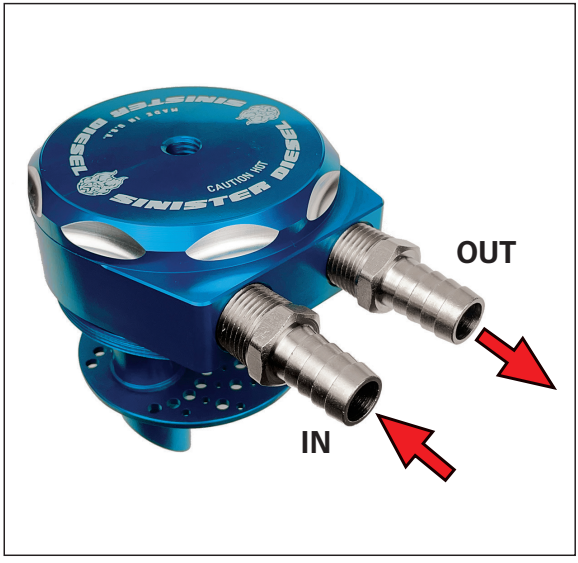


IMAGE 4

10 Using more of the supplied hose (L), secure end with a hose clamp (K) to the outlet port of the catch can block (F) (Image 5), and route to the intake side of where the CCV hose was removed and secure hose.



IMAGE 5

11 Install drain valve (H) to the bottom of the catch can (G) (Image 6).

12 Apply some oil or light grease to the threads and O-ring of the catch can block (F) and install catch can (G) to the block. Hand-tighten only.

14 Verify drain fitting is closed (Image 6), re-check all hardware and hose clamps to verify they are all tight.



IMAGE 6

NOTE: We recommend draining oil with every oil change to verify there is not excessive blow by, there will be some oil accumulation. There will be a small amount, higher mileage or engines with internal damage will accumulate more.

Initial check should be done within 1000 miles, if you drain more than 3oz./90ml of oil, in that time, there may be bigger issues. Our catch can is designed to hold 6.25oz./185ml of oil, beyond that, the system is no longer functioning as intended.

If you are capturing a large amount of oil, the catch can must be drained more regularly to prevent damage.

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