

# 2015+ MUSTANG ECOBOOST BAFFLED CATCH CAN

## PARTS LIST AND INSTALLATION GUIDE



### PARTS LIST

- 1PC** | APPLICATION-SPECIFIC MOUNTING BRACKET
  - 1PC** | BLACK, ANODIZED 6061 ALUMINUM CATCH CAN
  - 2PC** | DIRECT-FIT SILICONE HOSES WITH QUICK-DISCONNECT FITTINGS
  - 2PC** | PLASTIC BARBED FITTINGS
  - 2PC** | WORM-GEAR CLAMPS
  - 1PC** | AIR DIVERTER
  - 1PC** | INTERNAL BAFFLE & ROD
  - 1PC** | 3/8" NPT PLUG
  - 1PC** | LARGE O-RING
- MOUNTING HARDWARE

### TOOLS NEEDED

- |                    |                            |
|--------------------|----------------------------|
| 8MM SOCKET         | 10MM WRENCH                |
| 10MM DEEP SOCKET   | 17MM WRENCH                |
| 1/4" DRIVE RATCHET | SMALL FLATHEAD SCREWDRIVER |

### INSTALLATION TIME **.5 HOUR**

### INSTALL DIFFICULTY

### DISCLAIMER

- Raise vehicle only on jack stands or on a vehicle lift.
- Allow vehicle to cool completely prior to attempting installation.
- Do not run the engine or drive the vehicle while overheating; serious damage can occur.
- Please dispose of any liquids properly.
- Mishimoto is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of Mishimoto products.
- Mishimoto suggests that a trained professional install all Mishimoto products.

### INSTALLATION INSTRUCTIONS

1. Remove the catch can from the packaging, and ensure that the lid is tightened to the can.
2. Install the mounting bracket to the catch can using the supplied Allen screws. The bracket should be installed so that the flange with the large bolt hole is aligned with the middle of the can, and the two ports are on the opposite side of the can. (2x 2.5mm Allen screws)



3. Install the supplied fittings on the catch can, ensuring that the elbows face downward (away from the bracket) before tightening completely. These fittings have tapered threads and do not need to bottom out in the catch can to seal properly.
4. Remove the plastic engine cover. After removing the two 8mm bolts and two 10mm bolts securing the engine cover, lift the engine cover up and away from the engine. (2x 8mm bolts, 2x 10mm bolts)
5. Locate the PCV hose on the intake manifold (just behind the throttle body, between the intake and the engine block) and remove it. Use a flathead screwdriver to depress the white tab on the quick-disconnect fitting; then push the fitting in, and pull it away from the port.



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6. Set the vehicle on an automotive lift, or raise it with a jack and place it securely on jack stands. Refer to your owner's manual for safe lift points if you are unsure.
7. From underneath the vehicle, locate the other end of the PCV hose (under the intake manifold, on the side of the block) and remove it from the engine block by releasing the quick-disconnect fitting in the same manner as the first. Remove the PCV hose from the vehicle. Note: It may be possible to access this fitting by reaching under the intake manifold instead of raising the vehicle.
8. Locate the quick-disconnect fittings on the Mishimoto hoses, and set the green tabs to "ready to lock" by pulling them away from the fitting.



9. Route the shorter Mishimoto PCV hose so the end without a fitting is positioned near the driver-side strut tower; it should come up next to the intake manifold. Connect the fitting to the PCV valve, and lock down the quick-disconnect fitting by pushing the green tab into the fitting. Give the hose a gentle tug to make sure it is secured.
10. Route the longer Mishimoto hose so the end without a fitting is positioned near the driver-side strut tower. Run the fitting end of the hose under the intake manifold, and connect the fitting to the PCV port. Lock down the quick-disconnect fitting by pushing the green tab into the fitting. Give the hose a gentle tug to make sure it is secured.

11. Using the supplied 10mm hardware, attach the catch can to the mounting bracket on the front of the driver-side strut tower, and tighten until the catch can is secure. (1x 10mm bolt, 1x 10mm nut)



12. Slip two worm-gear clamps onto the Mishimoto hoses. (2x worm-gear clamps)
13. Install the hose coming from the engine block to the catch can fitting marked "IN," and secure it with the worm-gear clamp.
14. Install the hose coming from the intake manifold to the catch can fitting marked "OUT," and secure it with the worm-gear clamp.
15. Double check your connections and ensure that they are tight. Make sure the PCV hoses are led directly to the catch can and are clear of the engine belt drive. Start the engine and check for leaks.
16. Install the engine cover. (2x 8mm bolts, 2x 10mm bolts)
17. Lower the vehicle from the lift or jack stands.
18. Check and empty the contents of your catch can every 1000 miles until you establish a baseline for oil accumulation. This will vary for each vehicle and may change on your vehicle due to ambient temperature and driving conditions. Properly dispose of waste oil that has accumulated in the can.

**Congrats! You just finished installing the 2015+ Ford Mustang Baffled Catch Can.**