

2014+ FORD FIESTA ST BAFFLED OIL CATCH CAN, PCV SIDE PARTS LIST AND INSTALLATION GUIDE



PARTS INCLUDED

- 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
- 3PC** | WORM-GEAR CLAMPS
- 1PC** | AIR DIVERTER
- 1PC** | INTERNAL BAFFLE AND ROD
- 1PC** | 3/8" NPT PLUG
- 1PC** | LARGE O-RING
- MOUNTING HARDWARE

TOOLS NEEDED

- 11/16" WRENCH
- CHANNELLOCK PLIERS
- FLATHEAD SCREWDRIVER
- PANEL TOOL
- 2.5MM ALLEN KEY

INSTALL TIME 30 MINUTES

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.

CAUTION

Never work on the cooling system when it is hot. The coolant temperature in the radiator can be considerably higher than boiling, and the system may be under pressure. Opening a cooling system that is hot or under pressure can result in serious injury. Always wait until the system has cooled completely before servicing it in any way.

NOTE

Mishimoto recommends checking the contents of the baffled catch can every 1,000 miles until a baseline for oil accumulation is established. Oil blow-by accumulation will vary with ambient temperatures and driving conditions. It is important that the contents of the can do not rise above the internal baffle.

INSTALL PROCEDURE

- 01.** Prep the catch can. Install the plastic fittings into the catch can, and tighten them with an 11/16" wrench. These fittings have tapered threads so they may not be flush with the can when fully installed.
- 02.** Remove the engine cover. Feel underneath the cover to locate the mounting points, and then pull the cover upward at each mounting point. Four rubber grommets secure the engine cover.
- 03.** Locate the PCV hose on the passenger side of the engine. Disconnect the PCV hose from the valve cover and intake manifold by squeezing the knurled tabs on the connector and pulling it off the port. If you are having difficulty squeezing them by hand, use Channellock pliers to gently squeeze the connector.



- 04.** Release the tree-clip that secures the PCV hose to the engine. Remove the PCV hose completely. (1x tree-clip)
- 05.** Locate the Mishimoto hose with the 90° bend at the free end. This hose has two bends. Slip one of the provided worm-gear clamps over the free end. (1x worm-gear clamp)
- 06.** Install the fitting end of this hose to the port on the valve cover. Simply push it on until it clicks.

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07. Locate the Mishimoto hose with the shallow bend at the free end. This hose has one bend. Slip one of the provided worm-gear clamps over the free end. (1x worm-gear clamp)
08. Tuck the free end of this hose under the AC line, and install the fitting end to the port on the intake manifold. Simply push it on until it clicks.
09. Remove the two bolts that secure the passenger-side headlight. (2x T30 Torx bolts)
10. Remove the pop-clip that secures the headlight by first removing the screw. (1x Phillips-head pop-clip)
11. Slide the headlight assembly back, toward the cabin, and then lift it upward. One tab secures the rear corner of the headlight.
12. Disconnect the electrical harness from the headlight assembly, and remove the headlight.
13. **EUROPEAN MODELS ONLY:** Locate the 13mm bolts that secure the crash beam to the frame. These bolts are too short for installing the bracket. Remove the two upper bolts and replace them with the supplied bolts. (2x 13mm bolts)
14. Install the catch can bracket by slipping it over the threaded end of the crash beam bolts and securing it with the supplied nylon lock nuts. It may be necessary to hold the bolts while tightening the lock nuts. (2x nylon lock nut)



15. Install the Mishimoto hose with the 90° bend to the port marked **IN** on the catch can. This is the hose that comes from the valve cover. Secure the hose with the worm-gear clamp. (1x worm-gear clamp)
16. Install the Mishimoto hose with the shallow bend to the port marked **OUT** on the catch can. This is the hose that leads to the intake manifold. Secure the hose with the worm-gear clamp. (1x worm-gear clamp)

17. Install the engine cover by pressing the grommets over the mounting pegs.
18. Now you can reinstall the headlight assembly. Ensure that the white headlight mounting clip on the frame rail is oriented correctly to accept the dowel rod on the bottom of the headlight. This clip can rotate in the frame and may have shifted during headlight removal.
19. The headlight has tabs on its bottom edge. Tilt the headlight to slip the tabs under the bumper cover, and then lower the headlight into place.
20. There is a hooked tab near the rear mounting bolt hole; this tab must slip into the fender. Then, slide the assembly forward to align the bolt holes.
21. Install the two bolts that secure the headlight. (2x T30 Torx bolts)
22. Insert the lower section of the pop-clip, and then push the screw into the lower section. (1x Phillips pop-clip)

Congrats! You just finished installing the 2014+ Ford Fiesta ST Baffled Oil Catch Can, PCV Side.



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