

'11 -'13 BMW 335I / 335XI / 135I BAFFLED CATCH CAN

PARTS LIST AND INSTALLATION GUIDE



PARTS INCLUDED

- | | |
|---|-----------------------------|
| 1PC MOUNTING BRACKET | 1PC AIR DIVERTER |
| 1PC BLACK, ANODIZED 6061 ALUMINUM CATCH CAN | 1PC INTERNAL BAFFLE & ROD |
| 2PC DIRECT-FIT HOSES, BLACK | 1PC 3/8" NPT PLUG |
| 2PC PLASTIC BARBED FITTINGS | 1PC LARGE O-RING |
| | MOUNTING HARDWARE |

TOOLS NEEDED

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|---------------------|-------------------|
| 2.5MM ALLEN KEY | SMALL PICK(S) |
| T25 TORX SOCKET/KEY | SMALL SCREWDRIVER |
| 10MM SOCKET | 22MM WRENCH |
| 1/4" DRIVE RATCHET | HEAT GUN |
| 1/4" EXTENSION | |

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.

INSTALL PROCEDURE

01. Gather your catch can components and install the plastic washers over the small Allen bolts. Install the bracket to the top of the catch can as shown here and secure the bracket with the bolts, but leave them loose for now. (3x 2.5mm Allen bolts, 3x plastic washers)



02. Install the provided fittings to the catch can and snug them down with a wrench, but do not overtighten them. These fittings have a tapered thread so they will not be flush with the can when fully installed.
03. Remove the oil filler cap. Then remove the front engine cover by lifting up on the front edge. The cover is held on by two grommets in the front and two tabs in the back.



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04. Disconnect the electrical harness from the heater element. Lift up on the locking tab and slide the harness out of the connector.



05. Remove the two Torx screws that secure the heater element to the intake tube. (2x T25 Torx screws)

06. Disconnect the CCV hose from the valve cover. There are four tabs that secure the hose to the cover. Use small picks to hold the tabs in the unlocked position, and then disconnect the hose from the cover.



07. Remove the CCV hose and heater element by pulling the heater directly out of the intake tube.

08. Now you will need to separate the heater from the CCV hose. The hose is pressed onto the heater and can be difficult to remove. Use a heat gun to gently warm the CCV hose where it connects to the heater. When the hose begins to get soft and malleable, separate it from the heater. Make sure to wear protective gloves and be careful not to melt any of the parts.



09. Reinstall the heater to the intake tube and secure it with the two Torx screws. Then reconnect the electrical harness. (2x T25 Torx screws)

10. Locate the longer hose in your kit. Lead the end with the 90° bend under the overflow hose that leads to the coolant reservoir, and lead the other end along the intake tube. Pass this end underneath the intake tube and run it back toward the front of the vehicle. Lift up on the rear engine cover to separate it from the stud, and then lead the hose under the vapor line and attach it to the heater. No clamp is required at this connection.



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11. Locate the shorter hose in your kit. Identify the wider end of this hose. Lead it underneath the overflow hose and attach it to the CCV port on the valve cover. Then adjust the hose so that it lays next to the hose you just installed. No clamp is required at this connection.



12. Loosen the bolt that secures the back of the coolant reservoir and remove the bolt in the front. (2x 10mm bolts)



13. Identify the **OUT** and **IN** ports on the catch can. The hose that is connected to the heater attaches to the port marked **OUT** on the can. The hose that is connected to the valve cover attaches to the port marked **IN** on the can. No clamps are required at these connections.
14. Lift the front of the coolant reservoir and slide the catch can bracket underneath the foot on the reservoir. Use the original bolt to secure both the tank and the catch can bracket, and then tighten the bolt at the back of the reservoir. (2x 10mm bolts)



15. Adjust the catch can hoses so that they run tightly along the valve cover. This ensures that the engine cover will fit nicely. Now go back and tighten the bolts that secure the catch can to the bracket.
16. Make sure the rear cover is firmly attached to the valve cover and reinstall the front engine cover. Slip the tabs on the underside of the front engine cover into the slots located on the rear engine cover. Then press the cover down to engage the studs at the front. If you are having trouble getting the cover to fit, check the routing of the CCV lines. Once you have the cover in place, reinstall the oil filler cap.

Congrats! You just finished installing the 2011–2013 BMW 335I, 335XI, 135I Baffled Oil Catch Can.



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