

2012+ BMW N20/N26 BAFFLED OIL CATCH CAN, CCV SIDE PARTS LIST AND INSTALLATION GUIDE



PARTS INCLUDED

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

TOOLS NEEDED

- 2.5MM ALLEN SOCKET
- 4MM ALLEN SOCKET
- 1/4" DRIVE RATCHET
- 10MM SOCKET
- 13MM SOCKET
- 3/8" DRIVE RATCHET
- FLATHEAD SCREWDRIVER
- 7/8" WRENCH
- HEAT GUN

INSTALL TIME 30 MINUTES

INSTALL DIFFICULTY

DISCLAIMER

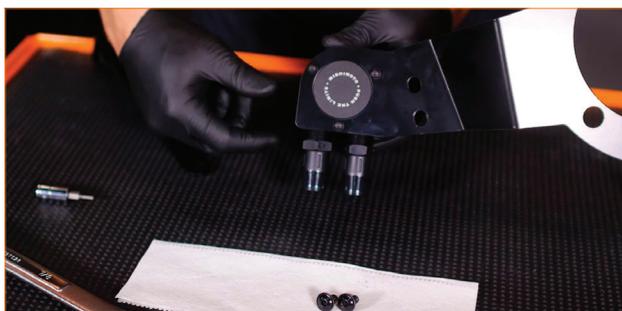
- Raise vehicle only on jack stands or on a vehicle lift.
- Allow vehicle to cool completely prior to attempting installation.
- Do not run the engine or drive the vehicle while overheating; serious damage can occur.
- Please dispose of any liquids properly.
- Mishimoto is not responsible for any vehicle 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.** Locate and separate the hardware included with your kit. Install the small washers over the small Allen bolts. Place the catch can bracket over the catch can and orient it as shown here. Thread in the three bolts to secure the catch can, but do not fully tighten them yet. (3x 2.5mm Allen bolts and washers)



- 02.** Install the two plastic fittings to the catch can and tighten them completely. Note that the threads on the fittings are tapered and will not be flush with the can when installed. (2x plastic fittings)



- 03.** Attach the support strut to the bracket using the two provided bolts. Thread the bolts in, but do not tighten them completely. (2x 4mm Allen bolts)



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04. Separate the hood release cable from the airbox. There are three clips that secure the cable.



05. Disconnect the wiring harness from the mass airflow (MAF) sensor. To release the connector, depress the black tab.



06. Loosen the clamp that secures the intake hose to the MAF housing. Then separate the hose from the MAF housing. (1x worm-gear clamp)



07. Remove the airbox from the vehicle by lifting it upward. The airbox is held in by three pegs and grommets.



08. Locate the CCV hose attached to the front of the engine. Disconnect the hose from the valve cover by squeezing the tabs at the top of the hose and pulling the hose off. Then disconnect the wiring harness from the sensor at the other end of the hose. Separate the bottom of the hose by squeezing the tabs and pulling the hose off.



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09. Remove the fittings from the CCV hose. Peel back the protective foam covering from the hose, and use a heat gun to gently warm the connection point. Then pull the hose off the fitting. Repeat this process on the other end of the hose.



10. Now reinstall the CCV hose fittings to the engine.
11. Reconnect the wiring harness to the sensor on the CCV fitting.
12. Remove the two strut bolts on the passenger-side strut tower. (2x 13mm bolts)



13. Remove the screw that secures the top of the heat shield below the passenger-side strut tower. (1x 10mm screw)



14. Lower the catch can assembly into place over the strut tower, and secure it with the hardware you just removed. Then go back and tighten the two bolts that secure the support strut to the catch can bracket. (2x 13mm bolts, 1x 10mm screw)



15. Locate the hose with the smaller bend, and install one of the provided hose clamps over the wider end. Install this end to the CCV fitting on the valve cover. Attach the other end of this hose to the fitting marked **IN** on the catch can. (1x worm-gear clamp)

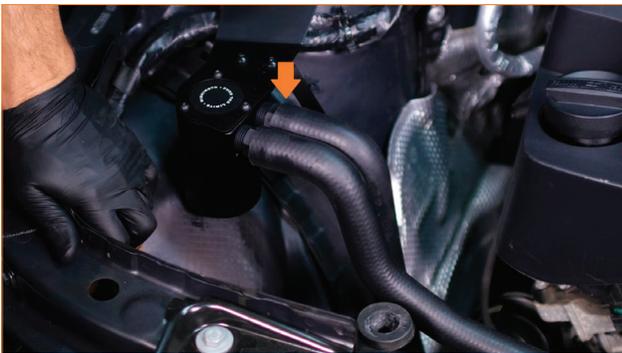


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16. Locate the hose with the large bend, and install one of the provided hose clamps over the wider end. Install this end to the CCV fitting on the intake hose. Attach the other end of this hose to the fitting marked **OUT** on the catch can. (1x worm-gear clamp)



17. Once the lines are led and installed on the catch can, go back and tighten the hose clamps that secure them to the fittings. No hose clamps are required at the catch can fittings.
18. Check the routing on the hoses to make sure they are clear of the fan, and tighten the bolts that secure the catch can to the bracket.
19. Reinstall the airbox. Lower the airbox into place, and align the inlet on the airbox with the duct on the vehicle. Then align the pegs with the grommets and push the airbox down to secure it.
20. Reattach the intake hose to the airbox, and secure it with the worm-gear clamp. (1x worm-gear clamp)
21. Reattach the wiring harness to the MAF sensor.
22. Reattach the hood release cable to the airbox.

**Congrats! You just finished installing
the 2012+ BMW N20/N26 Baffled Oil
Catch Can, CCV Side.**

