

2012-2016 JEEP WRANGLER JK BAFFLED OIL CATCH CAN PARTS LIST & INSTALLATION GUIDE



PARTS INCLUDED

- 1PC Application-Specific Mounting Bracket
- 1PC Anodized 6061 Aluminum Catch Can, Black
- 2PC Hoses
- 4PC Worm Gear Clamps
- 2PC Plastic Barbed Fittings
- 1PC Bronze Filter
- 1PC Air Diverter
- 1PC Internal Baffle & Rod
- 1PC 3/8" NPT Plug
- 1PC Large O-Ring
- 1PC Mounting Hardware

TOOLS NEEDED

- 7mm Socket
- 8mm Socket
- 10mm Socket
- 1/4" Drive Ratchet & Extension
- 2.5mm Allen Key
- 4mm Allen Key
- 11/16" Wrench

INSTALL TIME 30 MINUTES

INSTALL DIFFICULTY

DISCLAIMER

- Allow vehicle to cool completely prior to attempting installation.
- 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.

INSTALL PROCEDURE

1. Remove the engine cover.
2. Separate the hoses along the side of the intake manifold from the clips holding them.



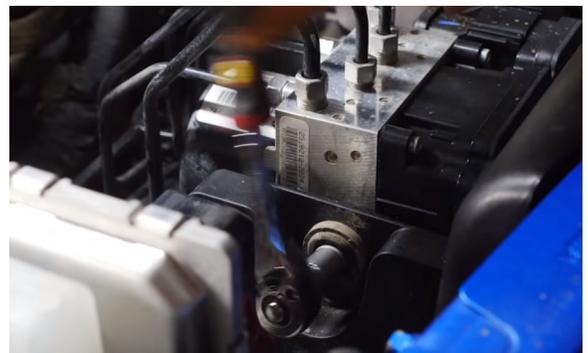
3. Separate the PCV hose from the intake manifold.
4. Pull the other end of the hose from the PCV valve. You'll have to reach down into the engine bay to access the valve. When removing the PCV hose, you may need to wiggle it free from the surrounding hoses.



5. Loosen the two bolts on the ECU to make room for the catch can bracket. (2x 8mm bolts)



6. Loosen the bolt on the ABS control unit to make room for the catch can bracket. (1x 10mm bolt)



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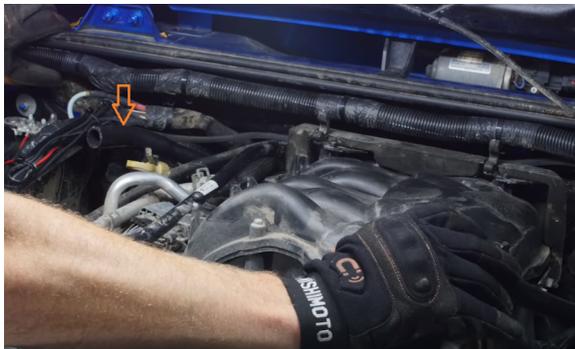
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7. Link the two separated bracket pieces. Take the button-head allen screws in your kit and put both the lock washer and regular washer on each screw. Align the smaller bracket with the holes on the larger bracket and thread your screws in to hold the two pieces together. Do not fully tighten these screws as the bracket will need to be adjusted later. (2x 4mm button-head screws)



8. Wrap the fittings with Teflon tape. With the threaded end facing you, wrap in a clockwise direction so the tape does not unravel when you thread the fittings into the catch can.
9. Thread the fittings into the catch can. Snug the fittings using a 11/16" wrench.
10. Install the catch can to the bracket. (2x 2.5mm button-head screws)
11. Take the hose with a tight 90-degree bend on one end and a gradual bend on the other side, and run the hose behind the valve cover.



12. Using one of the larger clamps in your kit, install

- the end with a gradual bend to the PCV valve. To reach the valve, feed the hose underneath the AC condenser lines and oil dipstick. (1x worm gear clamp)
13. Using the last of your larger clamps, install the second hose. The end with the large 90-degree bend connects to the port on the intake manifold. (1x worm gear clamp)



14. Run the other end of the second hose behind the engine.
15. Replace the hoses you moved before back into clips on the intake manifold.
16. Install the bracket over the loosened bolts on the ABS control unit and ECU. Adjust your bracket if needed, and then fully tighten the two screws holding the bracket together, and bolts on the ABS control unit and ECU. (2x 8mm bolts, 1x 10mm bolts)



17. Install the hose from the PCV valve to the catch can's IN port and secure it with one of the smaller clamps. (1x worm gear clamp)

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18. Install the hose from the intake manifold to the catch can's OUT port and secure it with the last of your smaller clamps. (1x worm gear clamp)
19. Go back and fully tighten all clamps.
20. Reinstall the engine cover.

The contents of the catch can should be checked and drained every 1000 miles until a baseline for oil accumulation is established. The volume collected in the can will be different for every car and will vary based on climate, temperature, and driving conditions.

Congratulations! You have finished installing the Mishimoto 2012-2016 Jeep Wrangler JK Baffled Oil Catch Can.