

2007-2011 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 Silicone Hoses
- 4PC High-Quality 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
- 7/8" Wrench
- 2.5mm Allen Key

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. Loosen the bolts on each side of the ECU. Leave enough space behind the bolt heads to fit the bracket. (2x 8mm bolts)



2. Loosen the bolt that secures the ABS unit, which is located just behind the ECU. Again, leave enough space for your bracket. (1x 10mm bolt)



3. Install the Mishimoto bracket overtop the bolts you loosened. The slots on the bracket will fit over each bolt.
4. Tighten all the bolts to secure the bracket. Make sure as you tighten each one that the bracket doesn't shift or angle upward. There is a rubber bushing on the ABS unit that can get twisted if the bracket must be pushed down while in the process of tightening. (2x 8mm bolts, 1x 10mm bolt)
5. Wrap Teflon tape around the threaded section of each plastic fitting. With the threaded end facing toward you, wrap clockwise or else the tape will likely bunch up when you install the fitting. Once the tape is applied, screw the fittings into the catch can.



6. Install the catch can to the bracket using the hardware included with your kit. (3x 2.5mm screws and washers)

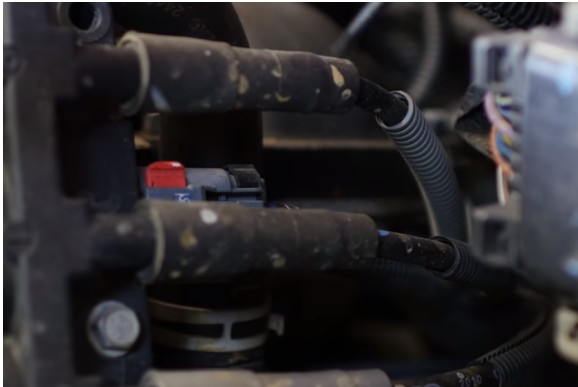
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7. Disconnect the ignition coil electrical harness to gain better access to the spring clamp at the PCV valve. To do this, lift the red tab on the harness and then depress the gray tab at the center.



8. Compress the clamp that secures the PCV hose to the valve and slide it up the hose. Then, separate the hose from the valve. (1x spring clamp)



9. Compress the clamp that secures the PCV hose to the manifold and slide it up the hose. Then, separate the hose. (1x spring clamp)



10. Remove the PCV hose from the vehicle.
11. Gather the worm gear clamps included with your kit. There is one large clamp and three smaller ones. The large one will go over the connection at the PCV valve.
12. Find the hose in your kit with the widest diameter at the end. This is also the hose with less significant bends. Slide the large worm gear clamp over the wide end and connect the hose to the PCV valve. Then, tighten the clamp. (1x worm gear clamp)
13. Slide a clamp over the other end of the hose connected to the PCV valve and connect it to the IN port on the catch can. Check to make sure the clamp is not on the barb of the port before tightening it. (1x worm gear clamp)



14. Reconnect the electrical harness. Slide the red locking tab down to secure the connection. Take the other hose from your kit and feed the end with a downward bend underneath both A/C lines. This end connects to the manifold.
15. Slide a clamp over the hose at the manifold and connect it to the port. Then, tighten the clamp. (1x worm gear clamp)

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16. Slide a clamp over the other end of the hose and connect it to the OUT port on the catch can. Then, tighten the clamp while making sure that it is not on the barb of the port. (1x worm gear clamp)



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 2007-2011 Jeep Wrangler JK Baffled Oil Catch Can.