

2018+ JEEP WRANGLER JL 3.6L BAFFLED OIL CATCH CAN PARTS LIST & INSTALLATION GUIDE



PARTS INCLUDED

- 1PC Application-Specific Steel Mounting Bracket
- 1PC Anodized 6061 Aluminum Catch Can, Black
- 2PC Direct-Fit Oil-Resistant Hoses w/ Pre-Installed Quick-Disconnects
- 4PC Worm Gear Clamps
- 3PC CNC-Machined Aluminum Barbed Fittings
- 1PC Oil-Resistant Drain Hose
- 1PC Drain Valve
- 1PC Dust Cap
- 2PC Zip Ties
- Mounting Hardware

TOOLS NEEDED

- 7mm Socket
- 10mm Socket
- 16mm Wrench
- 17mm Wrench
- 1/4" Ratchet & Extension
- Flathead Screwdriver
- 2.5mm Allen Key
- 8mm 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.
- 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 bolts that secure the engine cover, and then take off the engine cover. (2x 10mm bolts)
2. Separate the PCV quick-disconnects and remove the hose.



3. Free the washer fluid line's clip that's secured to the bracket. (1x tree clip)



4. Loosen the two bolts on the fender, leaving enough room to fit your bracket. (2x 16mm bolts)



5. Use a zip tie to secure the loose washer fluid line.



6. Install the bracket over the two bolts you loosened. (2x 16mm bolts)

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7. Clip the washer fluid line to the bracket. (1x tree clip)



8. Attach the two 1/2" straight fittings to the OUT and IN ports on the catch can.
9. Remove the NPT plug from the bottom of the can. Replace the plug with the 3/8" straight fitting.



10. Attach the drain kit hose to bottom port. Use a smaller clamp here. (1x worm gear clamp)
11. Run the drain kit hose down along the wheel well so that it's within the opening at the bottom of your engine bay.
12. Install the catch can to the bracket. (3x 2.5mm Allen bolts)
13. Slide the provided loop clamp over the drain kit hose. Then secure the clamp to the stud located at the body panel just behind the wheel, close to the ground. (1x 10mm nut)



14. Install the valve to the drain kit hose. Make sure the ball valve is in the closed position. Optional rubber dust cap is included to place over the barb of the ball. Rotate the valve in an accessible location before tightening the clamp. (1x worm gear clamp)
15. Connect the quick-disconnect on the longer hose to the PCV valve port.
16. Run the hose behind the engine. Zip tie the PCV hose to the adjacent coolant hose. Be careful to avoid any high heat or moving components when securing the hose, especially the EGR cooler and EGR cooler lines.



17. Install the open end of the hose to the catch can's IN port. (1x worm gear clamp)



18. Connect the quick-disconnect on the shorter hose to the intake manifold.

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19. Install the open end of the shorter hose to the catch can's OUT port. (1x worm gear clamp)



20. Reinstall the engine cover. Slide the back end in first and lower the front end in place. (2x 10mm bolts)

Congratulations! You have finished installing the Mishimoto 2018+ Jeep Wrangler JL 3.6L Baffled Oil Catch Can.