

## PARTS INCLUDED

- 1PC** Black, Anodized 6061 Aluminum 7.5 oz Catch Can
- 1PC** Application-Specific Mounting Bracket
- 2PC** Direct-Fit Oil Resistant Hoses
- 2PC** CNC-Machined Aluminum Barbed Fittings
- 3PC** Worm Gear Clamps
- 1PC** High-Flow Filter
- 1PC** Air Diverter
- 1PC** Internal Baffle & Rod
- 1PC** 3/8" NPT Plug
- 1PC** Large O-Ring
- 2PC** Zip Ties
- Mounting Hardware

## TOOLS NEEDED

- 2.5mm Allen Key
- 7mm Socket
- 8mm Socket
- 10mm Socket
- 1/4" Drive Ratchet
- 1/4" Drive Extension
- 7/8 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. Lubricate the O-rings on the catch can fittings with engine oil and thread them into the catch can.
2. Snug the fittings down with a 7/8" wrench. Be sure not to over tighten the fittings.

3. Remove the engine cover. (2x 10mm bolts)
4. Unclip the crankcase breather hose from the intercooler pipe. The image below is of an aftermarket intercooler pipe. The stock pipe will look different.



5. Squeeze the quick-disconnect fittings at each end of the crankcase breather hose, and then remove the hose.



6. Separate the intake air temp sensor wiring from the intake pipe. Next, disconnect the sensor electrical harness from the intake.



7. Remove the bolts that secure the intake brackets. (2x 10mm bolts)

CONTINUED ON FOLLOWING PAGE

**01**

# 2018+ JEEP WRANGLER JL 2.0L BAFFLED OIL CATCH CAN INSTALLATION GUIDE



8. Loosen the clamps on that hold the intake pipe on the turbocharger muffler and the airbox. (2x worm gear clamps)
9. Remove the intake pipe from the vehicle.



10. Remove the bolts that secure the vacuum pump to the bracket. Do not remove the pump.



11. Lift the vacuum pump slightly so that you have enough room to slide the catch can bracket under the pump. Align the holes in the bracket with the pump's grommets. With the bracket set, secure the bump using the original hardware. (2x 10mm bolts)



12. Secure the catch can to the bracket with the fittings facing away from the pump. (3x 2.5mm Allen bolts)
13. Transfer the rubber elbow from the stock crankcase breather hose to the Mishimoto hose. (1x worm gear clamp)



14. Route the hose with the rubber elbow under the bypass valve pipe and connect it to the valve cover. Route the other end under the turbocharger muffler and connect it to the IN port on the catch can. (1x worm gear clamp)



15. Connect the Mishimoto outlet hose to the PCV heater and push the yellow tab to secure the connection. The fitting should click twice.

CONTINUED ON FOLLOWING PAGE

# 02



16. Connect the other end of the outlet hose to the OUT port on the catch can. (1x worm gear clamp)
17. Reinstall the intake pipe. (2x worm gear clamps)
18. Reconnect the intake air temp sensor and clip the wiring to the intake pipe.
19. Secure the intake pipe with the original hardware. (2x 10mm bolts)
20. Reinstall the engine cover. (2x 10mm bolts)

**Congratulations! You have finished installing the Mishimoto 2018+ Jeep Wrangler JL 2.0L Baffled Oil Catch Can.**