## SUBARU WRX/STI CAT-BACK EXHAUST, 2015+

PARTS LIST AND INSTALLATION GUIDE

## **PARTS LIST**

1PC| STAINLESS STEEL MIDPIPE W/ 2-BOLT FLANGE

1PC | STAINLESS STEEL MIDPIPE TO Y-SECTION

2PC| STAINLESS STEEL MUFFLERS W/ QUAD 3.5" STAGGERED DOUBLE-WALL TIPS, POLISHED

2PC | 2.25" V-BAND CLAMPS

1PC 3" EXHAUST BAND CLAMP

1PC | 2-BOLT FLANGE GASKET

2PC 3/8"-16, 1-1/2" HEX BOLTS, STAINLESS STEEL

2PC| 3/8"-16 SERRATED FLANGE HEX NUTS, STAINLESS STEEL

2PC M10 WASHERS, STAINLESS STEEL
MISHIMOTO LIFETIME WARRANTY

#### **TOOLS NEEDED**

12MM RATCHET WRENCH 3/8" DRIVE RATCHET

14MM WRENCH PRY BAR

11MM DEEP SOCKET SILVER ANTI-SEIZE LUBRICANT

14MM DEEP SOCKET WD-40

3/8" SHORT EXTENSION

#### **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, as 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.

### INSTALLATION INSTRUCTIONS

1. Raise the vehicle off the floor.



2. Disconnect the mid-pipe from the downpipe by removing the two 12mm nuts and two 14mm bolts. (12mm ratchet wrench, 14mm wrench)



- **3.** Remove the stock donut gasket by gently prying away from the flange.
- 4. Disconnect the five rubber bushings for the exhaust-hangers. (Pry bar and WD-40)  $\,$



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**NSTALLATION GUIDE** 

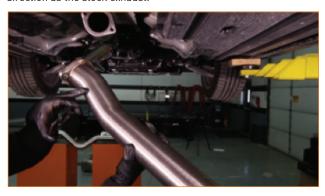
5. Lower the stock exhaust system.



### **INSTALLING THE MISHIMOTO EXHAUST**

(For installation with a stock downpipe, you will need to reuse your stock donut gasket and purchase the Mishimoto Subaru Exhaust Adapter, Stock Downpipe to 3" Exhaust, P/N: MMEXH-ADAP-SDAE. The stock exhaust bolts cannot be used with the Mishimoto exhaust.)

- 1. Apply anti-seize lubricant to the two 14mm mid-pipe bolts, and then install the washers.
- 2. Install the mid-pipe exhaust gasket.
- 3. Install the mid-pipe and hand-tighten the two 14mm nuts and bolts. Make sure that the mid-pipe is oriented in the same direction as the stock exhaust.



**4.** Make sure that all five of the rubber bushings for the exhaust hangers are properly in place, and then attach the two mufflers. Spray the hangers with WD-40 to help them slide into place.



5. Install the band clamp exhaust onto the mid-pipe. Make sure the hardware faces the driver side.



**6.** Spray the rubber exhaust hanger with WD-40 and attach to the Y-pipe.



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# SUBARU WRX/STI CAT-BACK EXHAUST, 2015+

INSTALLATION GUIDE

- 7. Mate the mid-pipe to the Y-pipe and hand-tighten the band clamp.
- **8.** Connect the mufflers and Y-pipe with the V-band clamps. Apply anti-seize lubricant to the threads of the V-band clamps prior to installing them onto the Y-pipe.





Push up on the mufflers to make sure that clearance is set correctly between the exhaust tips and the rear bumper. Make adjustments if needed.



- 10. Tighten the mid-pipe to Y-pipe band clamp. [14mm deep socket, 14mm wrench]
- 11. Tighten the V-band clamps. (11mm deep socket)
- 12. Tighten the mid-pipe bolts that connect to the downpipe. [14mm wrench, 12mm ratchet]
- 13. You've just installed your new 2015+ Subaru WRX/STI Cat-Back Exhaust. Enjoy!

Mishimoto does not recommend installing this cat-back exhaust and the Mishimoto WRX Performance Air Intake with the stock ECU programming. It is recommended that the customer retune the vehicle's ECU after installing the cat-back exhaust and Performance Air Intake. Power gains will vary depending on the type of ECU tune that is applied to the vehicle.