

2008-2014 SUBARU WRX/STI PERFORMANCE AIR INTAKE

PARTS LIST AND INSTALLATION GUIDE

PARTS LIST

2PC | ALUMINUM INTERCOOLER PIPES W/CNC-MACHINED
QUICK-DISCONNECT FLANGES

1PC | ALUMINUM INTAKE PIPE

1PC | HIGH-FLOW AIR FILTER

1PC | HEAT SHIELD W/SEAL

1PC | HEAT SHIELD BRACKET

1PC | 2.75" SILICONE COUPLER

1PC | RUBBER MOUNTING ISOLATOR

2PC | SILICONE COUPLER WORM-GEAR CLAMPS

1PC | M6 X 1.0 HEX FLANGE SERRATED NUT

TOOLS NEEDED

FLATHEAD SCREWDRIVER	RATCHET
PHILLIP'S SCREWDRIVER	RATCHET EXTENSION
10MM WRENCH	25MM HEX KEY
10MM SOCKET	POP-CLIP PLIERS
8MM SOCKET (OPTIONAL)	

DISCLAIMER

- Please dispose of any liquids properly.
- Allow vehicle to cool completely prior to attempting installation.
- Mishimoto Performance (MP) is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of MP products.
- MP always suggests that a trained professional install all MP products.
- Do not run the engine or drive the vehicle while overheating. Serious damage may occur.
- Raise vehicle only on jack stands or on a vehicle lift.

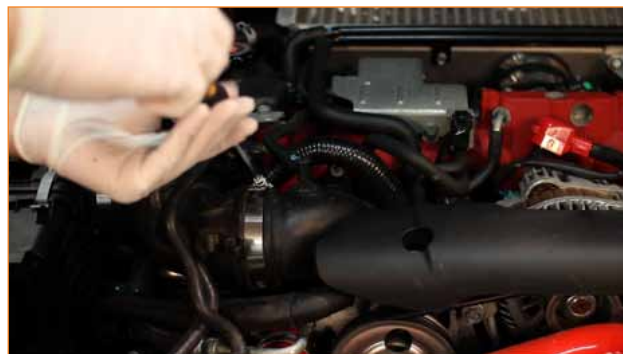
INSTALLATION INSTRUCTIONS

01 | REMOVING THE FACTORY INTAKE SYSTEM

1. Disconnect the air intake duct by removing the two pop clips securing it to the radiator support. Using a flathead screwdriver, turn the pop clips one-quarter turn, and then remove them completely with pop-clip pliers.

2. Disconnect the connector for the mass airflow sensor.

3. Use either a flathead screwdriver or an 8mm socket to loosen the clamps that secure the air intake hose to both the airbox and the air inlet hose.



4. Once the clamps are loose, remove the air intake hose from the vehicle.

5. Disconnect the airbox, which is secured to the chassis with two 10mm bolts.

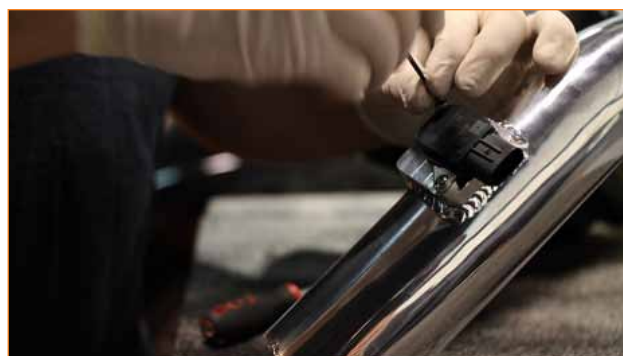
6. Once both bolts have been removed, lift the airbox assembly upward to remove it completely.

7. Use a Phillip's screwdriver to remove the two screws holding the mass airflow sensor to the stock airbox.

8. Remove the mass airflow sensor from the stock airbox.

02 | INSTALLING THE MISHIMOTO PERFORMANCE AIR INTAKE

1. Transfer the mass airflow sensor to the Mishimoto aluminum intake pipe, and secure it using the two supplied 2.5mm hex bolts.



2. Remove the two 10mm nuts that secure the airbox mounting bracket on the passenger side of the engine bay.

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INSTALLATION GUIDE

3. Assemble the air intake pipe to the heat shield and air filter. Place the mass airflow end of the intake pipe through the heat shield, and slide the air filter over the end of the pipe.



4. Tighten the clamp securing the air filter to the pipe, using a flathead screwdriver or 8mm socket.

5. Place the 2.75" silicone coupler and the two included worm-gear clamps on the other end of the aluminum intake pipe. Leave the clamps loose at this time.

6. Carefully place the air intake assembly into the engine bay. The air filter should slide easily into the space previously occupied by the airbox.



7. Using the two 10mm nuts that were removed from the factory airbox bracket, loosely secure the heat shield to the mounting studs in the engine bay.

8. Connect the silicone intake coupler to the induction hose and place the clamps in their proper locations.



9. Attach the supplied rubber mounting isolator and bracket to the heat shield. One end of the isolator stud will thread into the heat shield while passing through the heat shield bracket. The top threaded portion of the isolator will then slide through the intake pipe bracket. The other mounting hole of the heat shield bracket will line up with the factory airbox mounting location in the engine bay.



10. Using the 10mm bolt that was previously removed from the factory airbox, install the bolt through the heat shield bracket, securing it to the engine bay.

11. Install the 10mm nut that secures the aluminum intake pipe bracket to the rubber isolator.

12. Tighten all connections completely, including the two upper heat shield 10mm nuts, the worm-gear clamps on the silicone coupler (use a flathead screwdriver or 8mm socket), and the lower heat shield isolator and bracket (10mm nuts).



13. Reconnect the mass airflow sensor.

14. You have now successfully installed the Mishimoto Subaru WRX/STI Performance Air Intake. Enjoy!