

# 2008-2014 SUBARU WRX/STI PERFORMANCE RACE AIR INTAKE

## PARTS LIST AND INSTALLATION GUIDE

### PARTS LIST

**1PC** | ALUMINUM INTAKE PIPE

**1PC** | HIGH-FLOW, OILED FILTER

**1PC** | OPTIONAL AIRBOX W/ PROTECTIVE EDGING

**1PC** | SILICONE REDUCTION COUPLER

### TOOLS NEEDED

10MM RATCHET WRENCH

PHILLIPS SCREWDRIVER

3/8" DRIVE RATCHET

4MM ALLEN KEY

3/8" DRIVE 6" EXTENSION

2MM ALLEN KEY

3/8" DRIVE 3" EXTENSION

10MM DEEP SOCKET

DIFFICULTY LEVEL: 3/5

FLATHEAD SCREWDRIVER

INSTALL TIME: 1 HOUR

### 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. 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

#### 01 | REMOVING THE STOCK INTAKE

1. Remove the two pop clips that hold the air intake duct in place, and remove the duct.

2. Disconnect the mass airflow (MAF) sensor.



3. Using a Phillips screwdriver, remove the two screws securing the MAF sensor, and then remove it from the vehicle.

4. Loosen the two worm-gear clamps on the intake hose. (flathead screwdriver)



5. Remove the intake hose.

6. Route the harness for the MAF sensor out of the way until needed later.

7. Remove the 10mm nut on the passenger-side fender that holds the air intake box in place.

8. Remove the 10mm hold-down bolt for the plastic intake box.



9. Unscrew and remove the rear portion of the headlight.

10. You can now remove the stock airbox assembly.

11. Remove the 10mm bolt that holds the power steering reservoir in place.

12. Remove the remaining two 10mm nuts from the hold-down bracket for the intake.

CONTINUED ON FOLLOWING PAGE >

# 01

# 2008-2014 SUBARU WRX/STI PERFORMANCE RACE AIR INTAKE

## INSTALLATION GUIDE

### 02 | INSTALLING THE MISHIMOTO INTAKE

1. Install the provided trim onto the edges of the Mishimoto airbox. You are now ready to install the Mishimoto intake.



2. Reinstall the 10mm bolt that holds the power steering reservoir in place.
3. Reinstall the 10mm hold-down bolt for the Mishimoto intake box.
4. Install the airbox bracket to the left fender. (2x 10mm nuts)
5. Install the Mishimoto silicone coupler. (2x worm-gear clamps)
6. Remove the 10mm bolt for the upper-left timing cover.



7. Install the Mishimoto-supplied bracket. (1x 10mm bolt)
8. Bolt the bracket to the intake pipe.
9. Install the Mishimoto air filter on the intake pipe. (1x worm-gear clamp) Tighten with a flathead screwdriver.

### INSTALLING THE MISHIMOTO INTAKE CONT.

10. Install the Mishimoto filter and pipe assembly onto the Mishimoto silicone coupler.



11. You may now tighten and adjust the two worm-gear clamps.
12. Install the hold-down bracket for the Mishimoto intake pipe to the upper timing cover.



13. Reuse the bolt for the timing cover to secure the pipe and bracket.
14. Reinstall the MAF sensor. (2x 2mm Allen bolts)
15. Reconnect the MAF sensor.
16. Install the bolts and washers to secure the Mishimoto airbox lid. (3x 4mm Allen bolts, 3x plastic washers)
17. Reinstall the air intake duct.
18. You have now successfully installed the Mishimoto 2008-2014 Subaru WRX/STI Performance Race Intake. Enjoy!