

SUBARU WRX TOP-MOUNT INTERCOOLER, 2008–2014

PARTS LIST AND INSTALLATION GUIDE

PARTS LIST

1PC TOP-MOUNT INTERCOOLER

1PC INTERCOOLER-TO-THROTTLE BODY HOSE

1PC TURBO-TO-INTERCOOLER O-RING GASKET

1PC CARB EO STICKER

TOOLS NEEDED

10MM DEEP SOCKET	3/8" DRIVE 6" EXTENSION
1/4" DRIVE RATCHET	FLATHEAD SCREWDRIVER
1/4" DRIVE 6" EXTENSION	NEEDLENOSE PLIERS
3/8" DRIVE RATCHET	12MM DEEP SOCKET

INSTALLATION TIME: 1 HR

DIFFICULTY LEVEL: 4/5

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.

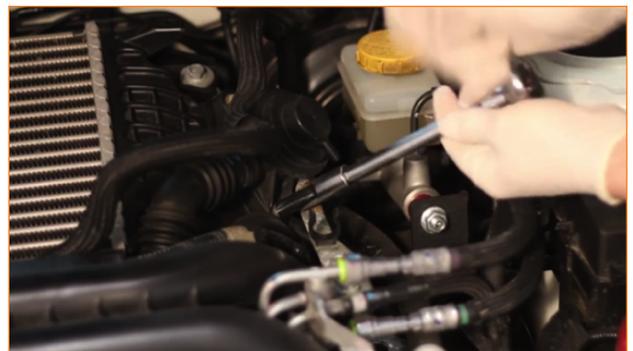
INSTALLATION INSTRUCTIONS

1) REMOVING THE STOCK INTERCOOLER

1. Remove the recirculation hose from the bypass valve.



2. Remove the two 10mm bolts holding the bypass valve in place.



3. Loosen the worm-gear clamp on the throttle body. (flathead screwdriver)

4. Loosen and remove the 12mm bolt on the intercooler mounting bracket.



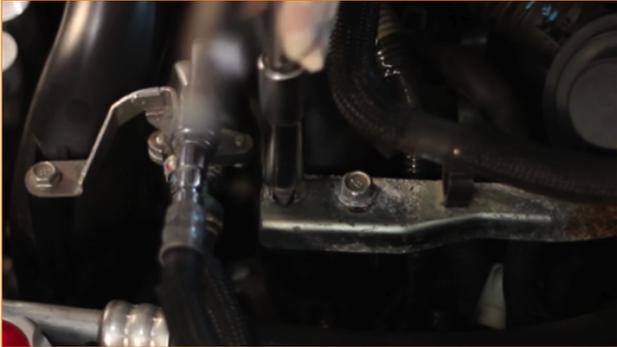
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5. Loosen and remove the two 12mm bolts that hold the bracket to the intake manifold.



6. Loosen the two 12mm turbo-to-intercooler hot-side bolts.
CAUTION: These bolts may still be hot.



7. Lift and remove the stock intercooler.

2) PREPARING THE MISHIMOTO INTERCOOLER

1. Remove the rubber bushings and the metal bolt collar from the stock intercooler, and install them on the Mishimoto intercooler. (flathead screwdriver)



2. Install the supplied rubber gasket onto the inlet flange on the Mishimoto intercooler.



3. Remove the two worm-gear clamps from the stock throttle body hose, and install them on the Mishimoto throttle body hose.



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3) INSTALLING THE MISHIMOTO INTERCOOLER

1. Install the Mishimoto throttle body hose. The Mishimoto logo should face outward toward the driver side of the vehicle. (flathead screwdriver)



2. Install the Mishimoto intercooler, leaving the intercooler-to-throttle body hose slightly loose.

NOTE: *Spray the intercooler with lube to ease installation of the throttle body hose.*

3. Reinstall but do not fully tighten the two 12mm bolts for the turbo inlet.

4. Tighten the worm-gear clamp on the throttle body hose connected to the intercooler. (flathead screwdriver)

NOTE: *You may need to apply pressure to the intercooler so that the outlet is fully seated onto the throttle body hose.*



5. Reinstall the intercooler mounting bracket by installing the longer 12mm bolt at the intercooler first, and then the two smaller 12mm bolts on the intake manifold.



6. Install the two 12mm bolts for the turbo inlet, and then torque the bolts to 15 ft-lb.



7. Using the two 10mm bolts you removed earlier, reinstall the bypass valve.



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8. Reinstall the bypass valve vacuum hose.



9. Please place the included CARB EO sticker in a clean, visible location.

10. You have now installed your new Subaru WRX 2008–2014 Top-Mount Intercooler. Enjoy!