

PARTS INCLUDED

- 1PC** Silicone Intake Hose
- 1PC** CNC Aluminum MAF Sensor Housing
- 1PC** Rubber MAF Housing Gasket
- 1PC** High-Flow, Oiled Filter
- 1PC** Steel Airbox
- 4PC** Worm Gear Clamps
- 1PC** Mounting Hardware

TOOLS NEEDED

- 2.5mm Allen Key
- 4mm Allen Key
- 5.5mm Socket
- 8mm Socket
- 10mm Socket
- 7mm Socket
- ¼" Drive Ratchet & Extension
- Phillips Head Screwdriver
- Pick Tool/Flat Head Screwdriver
- Scissors/Cutting Pliers
- Needle Nose Vice Grips

INSTALL TIME 1 HOUR

INSTALL DIFFICULTY     

DISCLAIMER

- Our install was done on a modified application. Some hardware shown here will likely be different than the hardware used on the stock vehicle.
- 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.

INSTALL PROCEDURE

1. Unplug the MAF sensor. Make sure that the ignition is off before completing this step.



2. Remove the harness casing from along the upper edge of the airbox.
3. Separate the casing from the MAF sensor wiring. Use a pick tool to release the tabs on the casing. Then, pull the wiring out of the casing.



4. A wire protector is included in your kit. Wrap the plastic cover over the MAF sensor wiring. Use electrical tape on the cover to keep it from falling off.
5. Remove the rubber stripping on the top edge of the air duct. There are a total of eight clips under the air duct's top edge that will release the rubber piece.



CONTINUED ON FOLLOWING PAGE

01

6. Pull the edge of the air duct from the radiator cover to disengage the peg holding it down.
7. Remove the two bolts that secure the air duct. (2x 10mm bolts)



8. Loosen the bolts that secure the airbox. It will be difficult to completely remove the lower bolts at the moment, so for now just loosen them all the way. They will come out when you remove the airbox.



9. Loosen the clamps on both ends of the intake tube. You will also need to separate the vacuum line from the intake tube at this step. The stock unit will be held on by a different type of clamp than the one shown here. To remove it, use a needle nose vice grip to securely clamp down on the worm drive head and then turn it loose. Once removed, discard the clamp as it will not be reused. (3x worm gear clamps)
10. Separate the two thin hoses from the jet valve ports. Slide both clamps down the hose at each connection to pull them off the ports.



11. Remove the intake tube.
12. Separate the jet valve from the intake tube. (2x 10mm bolts)
13. Install the adapter included in your kit onto the jet valve. (2x 4mm Allen screws)



14. Use needle nose pliers to release the tab that attaches the battery wiring to the airbox.



15. Lift the airbox out of the engine bay.
16. Prepare the hardware in your kit for the bracket installations. (5x 4mm Allen bolts, 5x spring washers, 5x steel washers)

CONTINUED ON FOLLOWING PAGE

02

2008-2010 FORD 6.4L POWERSTROKE TRANSMISSION COOLER INSTALLATION GUIDE



17. Install the three brackets from your kit onto the airbox. The first bracket attaches to the lower edge of the airbox.
(1x 4mm Allen bolt, 1x spring washer, 1x steel washer)



18. The next bracket installs to the back of the airbox. Do not fully tighten these bolts for now.
(2x 4mm Allen bolts, 2x washers)



19. Install the last bracket to the bottom of the airbox. As with the last bracket, leave these bolts loose for now. (2x 4mm Allen bolts, 2x washers)



20. Transfer both bushings as well as the grommet and the air duct's rubber liner onto the Mishimoto airbox.



21. Lower the airbox into position.
22. Separate the air duct from the stock airbox.
23. Tighten the bolts to secure the bottom and top of the airbox.
24. Separate the MAF sensor from the stock airbox and install it onto the Mishimoto MAF housing.
(2x 2.5mm Allen bolts)



25. Insert the MAF housing to the airbox's lid. Make sure the edge of the hole on the lid is properly seated on the rubber gasket. Then install the housing to the filter. (1x worm gear clamp)



26. Lower the filter, lid, and housing into the airbox.
27. Slide clamps over each end of the Mishimoto intake tube and install it to the airbox and intake

CONTINUED ON FOLLOWING PAGE

03

2008-2010 FORD 6.4L POWERSTROKE TRANSMISSION COOLER INSTALLATION GUIDE



pipe. With the intake tube in position, insert the vacuum line and secure it with the small clamp from your kit. (3x worm gear clamps)



28. Install the jet valve to the intake tube. Attach both hoses and secure them with the available clamps. (1x worm gear clamp, 2x spring clamps)



29. Adjust the MAF sensor and housing so that it's positioned to easily reconnect the sensor with the wiring routed beneath the housing, not over.
30. Use zip ties to secure the MAF sensor wiring. The wiring gets tied to the fan shroud harness and then gets tucked in above the fan shroud harness so as to not interfere with the air duct.



31. Reconnect the MAF sensor.
32. Tighten all the clamps on the intake tube. Be careful not to overtighten these clamps as you may strip and break them. If a clamp is stuck by coating, loosen it first before attempting to tighten it.
33. Secure the airbox lid with the provided hardware. (6x 4mm Allen bolts, 6x plastic washers)
34. Reinstall the air duct. (2x 10mm bolts)
35. Reinstall the rubber stripping onto the the upper edge of the air duct.

Congratulations! You have finished installing the Mishimoto 2017+ Honda Civic Type R Performance Air Intake.