

2016-2021 Honda Civic 1.5T 2017-2020 Honda Civic Si INTERCOOLER PIPE KIT INSTALLATION GUIDE



PARTS INCLUDED

- 2PC** Aluminum Pipes
- 4PC** Silicone Couplers
- 2PC** CNC-Machined Aluminum Adapters
- 7PC** 3" High-Torque Worm Gear Clamps
- 1PC** 2.5" High-Torque Worm Gear Clamps
- 1PC** Mounting Hardware

TOOLS NEEDED

- 5.5mm Socket
- 7mm Socket
- 8mm Socket
- 10mm Socket
- 1/4" Drive Ratchet & Extension
- Needlenose Pliers
- Torque Wrench

INSTALL TIME 3 Hours

INSTALL DIFFICULTY 🔧🔧🔧🔧🔧

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.

INSTALL PROCEDURE

1. A set of ducting surrounds your intercooler. Pull out the pop-clips that secure the edges to remove the ducting. (4x pop-clips)



2. Release the top panel portion of the intercooler ducting. (2x pop-clips)



3. Remove the bolts that secure the hot and cold-side pipes to the intercooler end tanks. (4x 10mm bolts)



4. Separate the brackets holding down the intercooler end tanks. (2x 10mm bolts)



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01

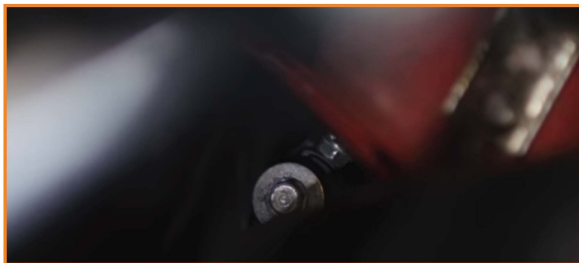
2016-2021 Honda Civic 1.5T
2017-2020 Honda Civic Si
INTERCOOLER PIPE KIT INSTALLATION GUIDE



5. Remove the intercooler.
6. Use scissors to cut the loose side ducting.



7. Transfer the rubber bushing from the stock brackets to the ones included in your kit.
8. Using a long extension, reach down into the engine bay to loosen the bolt that secures the hot-side pipe. (1x 10mm bolt)



9. Loosen the clamp on the hot-side pipe and turbo connection. Then separate the pipe from the turbo. (1x worm gear clamp)
10. The hot-side pipe is now free. Remove it from the vehicle.
11. Loosen the clamp on the induction hose.
12. Disconnect the MAF sensor plug. To disconnect the sensor, depress the black tab and the center. There is a tree-clip that holds the wiring to the airbox. Compress the bottom of the clip to separate it from the airbox.



13. Remove the bolts that secure the bottom of the airbox. Then lift the airbox out of the engine bay. (2x 10mm bolts)
14. Disconnect the MAP and air temperature sensors. Both sensors can be disconnected by depressing the black tab at the center.



15. Compress the clamp on the pressure source hose and slide it up the hose. Pull the hose off the cold-side pipe's port.



16. Loosen the clamp on the cold-side pipe and throttle body connection. (1x worm gear clamp)

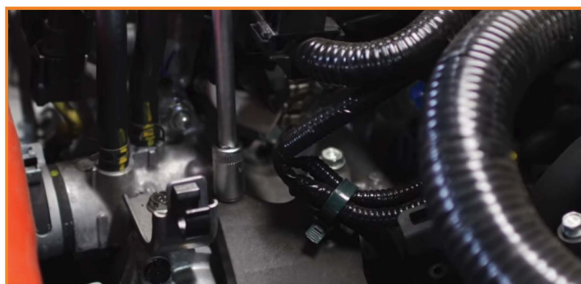


17. Remove the bolts that secure the cold-side bracket. (2x 10mm bolts)

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02

2016-2021 Honda Civic 1.5T
2017-2020 Honda Civic Si
INTERCOOLER PIPE KIT INSTALLATION GUIDE



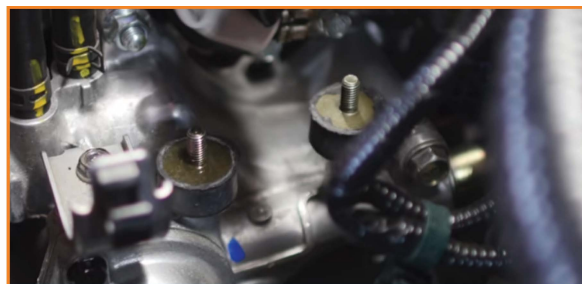
18. Detach the tree-clip on the cold-side pipe bracket. The cold-side pipe will be free now. Remove it along with the attached couplers. You may need to twist the pipe a bit to complete this step. (1x tree-clip)
19. Transfer both sensors on the stock pipe over to the Mishimoto cold-side pipe. (2x 8mm bolts)



20. Transfer the hardware and bushings from the stock pipe over to the Mishimoto hot-side pipe.



21. Install the L-shaped silicone hose provided in your kit to the throttle body. (1x worm gear clamp)
22. Thread the two provided grommets included in your kit into the two open slots where the cold-side bracket was positioned.



23. Install the cold-side pipe. You will want to first connect it to the silicone hose on the throttle body. (1x worm gear clamp)



24. Secure the cold-side pipe to the grommets. (2x 10mm nuts)
25. Connect the sensor wiring to the cold-side pipe bracket. Then reconnect the electrical harness to the sensors on the pipe. (1x tree-clip)
26. Slide the pressure source hose onto the cold-side pipe. Secure it with the clamp that's on the hose. (1x spring clamp)
27. Install the larger silicone hose to the cold-side pipe. To complete this step, lower the hose into the engine bay as opposed to going up from the bottom. (1x worm gear clamp)
28. Reinstall the airbox. Then reconnect the MAF sensor. (2x 10mm bolts, 1x worm gear clamp)
29. Secure the hot-side silicone hose to the pipe. (1x worm gear clamp)
30. Install the hot-side pipe and hose to the turbo. Feed the hose side up past the intercooler and to the turbo. (1x worm gear clamp)
31. Secure the hot-side pipe with the original hardware.
32. Swap the flanges on the intercooler. Note the

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03

2016-2021 Honda Civic 1.5T
2017-2020 Honda Civic Si
INTERCOOLER PIPE KIT INSTALLATION GUIDE



correct orientation. Torque bolts to 7.5 lb/ft (10Nm). (4x 10mm bolts)



33. Lift the intercooler into place. Engage the pegs on the end tanks with the grommets. Connect the cold-side hose to the end tank and secure the connection with the provided clamp. (1x worm gear clamp)



34. Secure the cold-side end tank with the provided bracket. (1x 10mm bolt)
35. Reinstall the stock bracket on the hot-side end tank. (1x 10mm bolt)
36. Connect the hot-side pipe to the intercooler using the small hose from your kit. Slide a clamp on each end of the hose before sliding it onto either the intercooler or pipe. (2x worm gear clamps)



37. Install the plastic ducting that comes in your kit to the intercooler as shown here.



38. For smog check purposes, affix the CARB E.O. Label on a visible location under the hood.

Congratulations! You have finished installing the Mishimoto 2016-2021 Honda Civic 1.5T/Si Intercooler Pipe Kit.