

2017-2021 HONDA CIVIC TYPE R

DIRECT-FIT OIL COOLER KIT

PARTS LIST & INSTALLATION GUIDE



PARTS INCLUDED

- 2PC** Application-Specific Mounting Brackets
- 1PC** 19-Row Oil Cooler
- 1PC** 4' Stainless Steel Braided Hose w/ 90° and 120° -10AN Fittings
- 1PC** 3' 8" Stainless Steel Braided Hose w/ 90° and 120° -10AN Fittings
- 1PC** Thermostatic Sandwich Plate w/ Adapter
- 2PC** M20 x -10AN Straight Fittings
- Mounting Hardware

TOOLS NEEDED

- 10mm Socket
- 12mm Socket
- 1-1/16" Socket
- 1" or 10AN Wrench
- 3/8" Drive Ratchet & Extension
- Torque Wrench
- Flat Head Screwdriver
- Phillips Head Screwdriver

INSTALL TIME 2 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

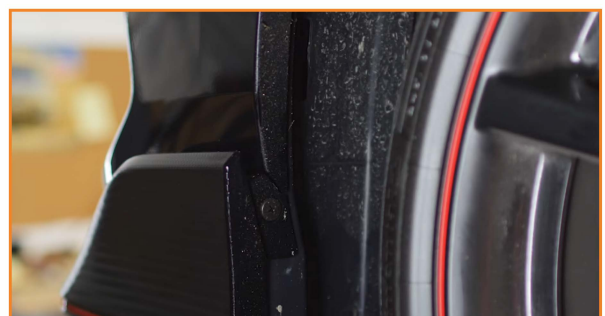
1. Remove the pop-clips along the front edge under the bumper. (10x pop-clips)
2. Remove the bolts and pop-clips that secure the splash shields at the front of both wheel wells. Pull the wheel well splash shields down so you can access behind the panel. (6x pop-clips, 2x 10mm bolts)



3. Disconnect the fog light on each side once you have access behind the splash shields. Depress the small tab at the end of the connector to separate the connection.



4. Remove the screws that secure the lower edges of the front bumper within the wheel well. (6x Phillips head screws)



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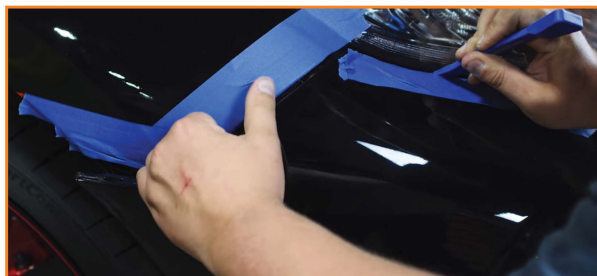
5. Remove the pop-clips that secure the upper edge of the front bumper, including the ones on the radiator cover. (15x pop-clips)



6. Use tape to line the edges and headlights. This will protect from potential scratches or marks on the bumper.
7. Depress the tabs underneath the upper edge of the bumper to release it.

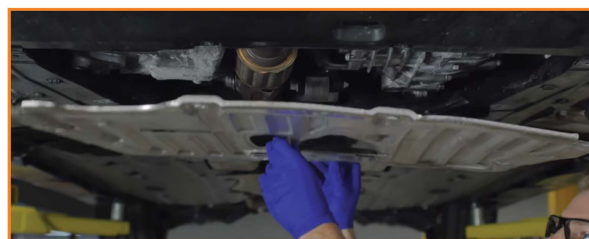


8. Pull back the lower edges of the bumper to release them.
9. With a plastic tool, press the latches below the headlights, which will free the bumper.



10. The front bumper should be completely free. Lift it off the front of the vehicle to remove it.

11. Remove the splash shield under the vehicle. Once all the hardware is off the splash shield, slide it back to release it before lowering from the vehicle. (6x quarter-turn screws, 2x screws)



12. Unscrew the oil filter. Have a rag ready to wipe off the oil.



13. Install the sandwich plate using the hardware in your kit. Leave the bolt loose for now. (1x 1-1/16" bolt)



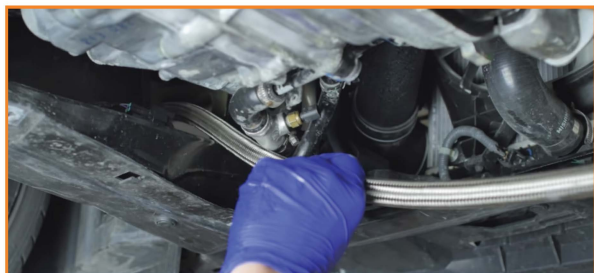
14. Attach the two fittings to your sandwich plate. Snug them down using a wrench. (1" or 10AN wrench)
15. Install the 120° end on the longer cooler line to left-side port on the sandwich plate.

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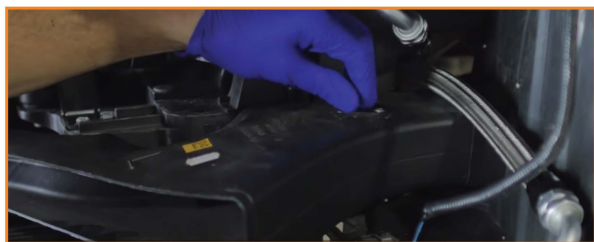
16. Feed the other end of the first line over the frame rail to the front of the driver-side wheel well.



17. Install the 90° end on the shorter cooler line to the right-side port.



18. Feed the line along the same path as the previous one.
19. Remove the driver-side brake duct.
(4x 10mm bolts)

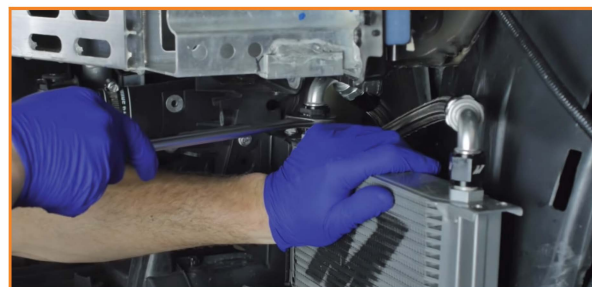


20. Attach the provided bracket to the Mishimoto oil cooler. Use the smaller bolts to secure the

bracket. Make sure the edge is parallel with the oil cooler. (4x 10mm screws, 4x 10mm nuts)



21. Install the oil cooler where the brake duct used to be. Use the longer bolts for this step.
(2x 10mm bolts)
22. Attach the lines to the oil cooler. The shorter line goes to the closest port and the longer line goes to the outermost port. Fully tighten both fittings.
(1" or 10AN wrench)



23. Install the shield bracket. Secure the top to the crash beam and the upper edge to the oil cooler. Torque the top bolt to the correct factory specifications.
(1x 12mm bolt, 2x 10mm bolts, 2x 10mm nuts)



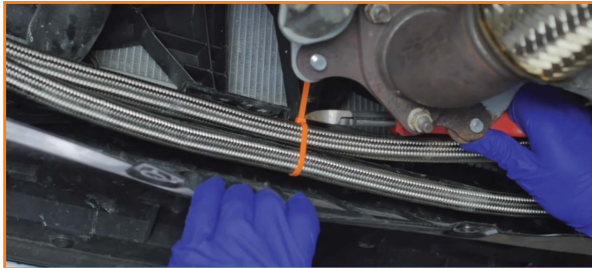
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24. Torque down the bolt that secures the sandwich plate to 30 ft-lbs. (1x 1-1/16" bolt)
25. Lube the oil filter and install it to the sandwich plate. Then fully tighten the fittings on the sandwich plate.
26. Secure the two fittings to the nearby bar using the provided zip tie.



27. Reinstall the splash shield.
(6x quarter-turn screws, 2x screws)
28. Remove the oil cap and fill the system with oil.
29. Place the bumper back onto the front of the vehicle.
30. Engage the tabs at the lower edges of the bumper as well as under the headlights to secure it in place.
31. Secure the upper edge and radiator cover with the original pop-clips. (15x pop-clips)
32. Secure the lower edges of the bumper on both sides. (6x Phillips head screws)
33. Reconnect both fog light harnesses.
34. Reinstall the wheel well splash shields.
(6x pop-clips, 2x 10mm screws)
35. Secure the front edge of the splash panel.
(10x pop-clips)

Congratulations! You have finished installing the Mishimoto 2017–2021 Honda Civic Type R Direct-Fit Oil Cooler Kit.