

2010-2013 HYUNDAI GENESIS COUPE V6 DIRECT-FIT OIL COOLER KIT

PARTS LIST AND INSTALLATION GUIDE

PARTS LIST

- 1PC | MISHIMOTO OIL COOLER
- 1PC | MISHIMOTO OIL COOLER BRACKET
- 2PC | MISHIMOTO BRAIDED STEEL OIL LINES
- 2PC | MISHIMOTO OIL LINE FITTINGS
- 1PC | MISHIMOTO SANDWICH PLATE
- 1PC | MISHIMOTO OIL FILTER CENTER BOLT
- 2PC | MISHIMOTO 10MM MOUNTING BOLTS
- 3PC | MISHIMOTO 10MM BOLTS
- 3PC | MISHIMOTO 10MM LOCK NUTS

TOOLS NEEDED

- | | |
|----------------------|--------------------------|
| 8MM SOCKET | 1/4" DRIVE RATCHET |
| 10MM SOCKET | 3/8" DRIVE RATCHET |
| 12MM SOCKET | 1/2" DRIVE RATCHET |
| 27MM SOCKET | RATCHET EXTENSION |
| PHILLIPS SCREWDRIVER | 3/8" DRIVE TORQUE WRENCH |
| 10MM WRENCH | OIL FUNNEL |
| 1" WRENCH | OIL |

DISCLAIMER

- Please dispose of any liquids properly.
- Allow vehicle to cool completely prior to attempting installation.
- Mishimoto Performance (MP) is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of MP products.
- MP always suggests that a trained professional install all MP products.
- Do not run the engine or drive the vehicle while overheating. Serious damage may occur.
- Raise vehicle only on jack stands or on a vehicle lift.
- See specific instructions regarding sandwich plate installation on last page.

INSTALLATION INSTRUCTIONS

01 | REMOVING THE FACTORY OIL FILTER HOUSING

1. Disconnect the negative battery terminal.
2. Remove the air dam by removing the four pop clips that hold the air dam to the upper radiator support.
3. Remove the eight pop clips from the top of the front bumper. These clips secure the bumper to the upper radiator support.
4. Unbolt the two 8mm bolts that hold the corners of the bumper to the fenders.

5. Remove the side splash pans by removing the four pop clips.



6. Remove the front splash pan by removing the four 10mm bolts.
7. If your vehicle is equipped with fog lights, disconnect the fog light harnesses.



8. Remove the front bumper by pulling on the corners of the bumper to undo the retaining clips.
9. Unbolt the lower splash shield from the subframe by removing the eight 10mm bolts.
10. Drain the oil from the factory oil filter housing using a 27mm socket.



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01

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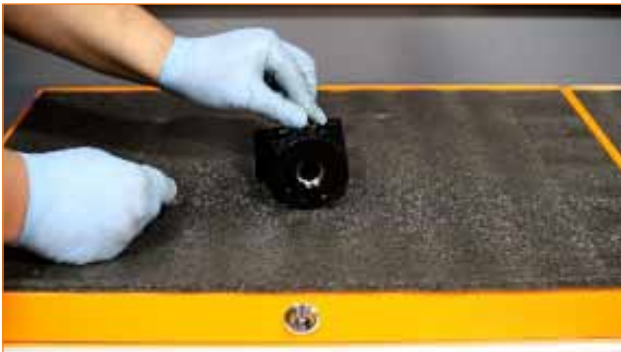
11. Remove the factory oil filter housing from the block by removing the four 12mm bolts.

12. Clean the oil filter housing mounting surface. Use a razor blade to scrape off any residue, then use a paper towel and some brake clean to make sure the surface is clean. This will ensure a proper seal when installing the Mishimoto oil filter housing.



02 | INSTALLING THE MISHIMOTO OIL FILTER HOUSING

1. Install the provided O-rings onto the sandwich plate.



2. Apply oil to the O-rings on the oil filter housing.

3. Install the Mishimoto oil filter housing onto the block using four 12mm bolts.

4. Torque down to 15ft-lbs the four 12mm bolts holding the filter housing to the block.

03 | INSTALLING THE MISHIMOTO OIL COOLER

1. Assemble the short oil line to the left side of the oil cooler. The side of the line that has a 120° fitting on it should connect to the cooler.

2. Assemble the long oil line to the right side of the cooler. The side of the line that has a 90° fitting on it should connect to the cooler.

3. Remove the side air dam by pulling up on it. The oil lines for the Mishimoto oil cooler route where the air dam sits. If you prefer to retain the air dam, make a few cuts in the plastic to allow the lines to pass through.



4. Bolt the oil cooler bracket to the support beam using the two supplied 10mm bolts.



5. Bolt the oil cooler to the mounting bracket using the supplied four 10mm bolts.

6. Route the oil lines over the subframe and into the engine bay.

7. Assemble the sandwich plate.

8. Install the oil lines onto the sandwich plate.



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02

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9. Install the sandwich plate to the oil filter housing using the 27mm center bolt. Torque down the center bolt to 40 ft-lbs. Make sure that the sandwich plate is clocked toward the rear of the car so that the oil lines have clearance from the transmission cooler lines. Remember to lube up the back O-ring with some new oil to create a proper seal.

10. Install the new Genesis Coupe 2.0T spin-on oil filter.



7. Reinstall the pop clips that hold the top of the bumper to the upper radiator support.



8. Reinstall the front air dam using four pop clips.

9. Reconnect the negative battery terminal.

10. Add oil to the engine, start the vehicle, and check for leaks.

11. You have now successfully installed your new Mishimoto product. Enjoy!

[See specific instructions for installing the sandwich plate →](#)

04 | REINSTALLING THE SPLASH SHIELDS AND FRONT BUMPER

1. Reinstall the lower splash shield using eight 10mm bolts.

2. Reinstall the front bumper.

3. Reinstall the front splash pan using four 10mm bolts.

4. Reconnect the fog light harnesses if your vehicle is equipped with them.



5. Reinstall the side splash pans using four pop clips.

6. Bolt the corners of the bumper to the fenders using two 8mm bolts.

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SANDWICH PLATE

01 | ASSEMBLING 1/8" NPT PLUGS

1. Inspect components to ensure that male and female port threads and sealing surfaces are clean and dry and free of burrs, nicks, and scratches, and/or foreign material.

2. Apply Teflon® tape (or sealant) 1.5-2 full turns in clockwise direction when viewed from the pipe-thread end. Leave the first two threads without any Teflon® to avoid contamination.



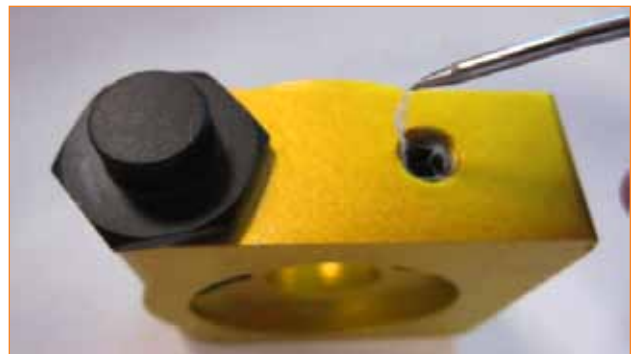
3. Screw plug into port until it is "finger tight."



4. Wrench tighten the plug 2-3 full turns. (1/8" npt only)



5. Remove any excess Teflon® after tightening.



Cleaning



6. Notice that no Teflon® tape is inside the npt port area.