

HYUNDAI GENESIS COUPE 2.0T OIL COOLER KIT

PARTS LIST AND INSTALLATION GUIDE

PARTS LIST

- 03PC** | APPLICATION-SPECIFIC MOUNTING BRACKETS
- 01PC** | 19-ROW OIL COOLER
- 01PC** | 2 FT 8 IN STAINLESS STEEL BRAIDED HOSE WITH -10 AN FITTINGS
- 01PC** | 3 FT 6.5 IN STAINLESS STEEL BRAIDED HOSE WITH -10 AN FITTINGS
- 02PC** | BANJO FITTING W/BOLT -10AN, BLACK
- 01PC** | MOUNTING HARDWARE SET
- 01PC** | OIL SANDWICH PLATE M20, SILVER
- 01PC** | STAINLESS STEEL SANDWICH PLATE ADAPTER, M20

TOOLS NEEDED

- | | |
|-------------------------|----------------------|
| JACK + JACK STANDS | OIL |
| SOCKET WRENCH | PHILLIPS SCREWDRIVER |
| SOCKET EXTENSIONS | ADJUSTABLE WRENCH |
| 10MM SOCKET &/OR WRENCH | 24MM SOCKET |
| PANEL TOOL | |

DISCLAIMER

- Please dispose of any liquids properly.
- Allow vehicle to cool completely prior to attempting installation.
- Mishimoto Performance 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 for installing the sandwich plate on last page

INSTALLATION INSTRUCTIONS

01 | PREPARE VEHICLE FOR INSTALLATION

1. Raise front of vehicle and place on jack stands.
2. Raise the hood of the vehicle, and remove the pop clips on top of the front bumper.
3. Remove the lower splash shields, which are secured by Phillips screws.
4. Remove the two Phillips head screws, one on each side, securing the front bumper to the wheel wells.

5. Remove the front bumper by prying from the area shown in the picture; it should pop off.



6. Unbolt the horns and attach the horn relocation bracket. The relocated horns should both be on the driver's side of the vehicle.



7. Remove the three 10mm bolts securing the transmission cooler to the frame and set them aside for now.



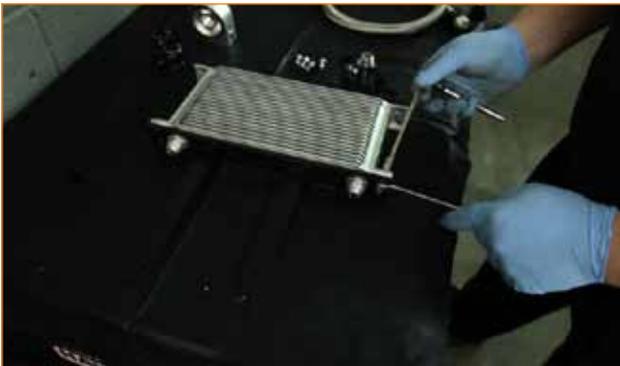
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01

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02 | INSTALLING THE MISHIMOTO OIL COOLER ASSEMBLY

1. Connect the Mishimoto oil cooler core to the lower mounting bracket, securing it with the supplied 10mm nuts and bolts.



2. Line up the mounting bracket holes with the transmission cooler mounting points.



3. Place the transmission cooler assembly back to its original location above the oil cooler mounting bracket.

4. Secure these two coolers with the two bolts removed earlier, and reinstall the third bolt securing the transmission cooler to the frame.



5. Next remove the third bolt located in the front bumper frame, as seen in the photo.

6. Secure the oil cooler to this location using the supplied upper mounting bracket.



7. Using 10mm bolts, secure the oil cooler to the bracket. At this time be sure all mounting bracket bolts are tight.

03 | INSTALLING THE OIL LINES AND SANDWICH PLATE

1. Install the stainless steel oil lines to the oil cooler assembly; the longer line should be connected to the driver's side of the cooler. Secure these fittings but do not fully tighten.

2. Connect the other ends of the stainless steel lines to the oil filter sandwich plate using the supplied Mishimoto banjo bolts.



3. Route the lines over the frame towards the location of the oil filter.

4. Remove the oil filter; be sure to have a splash pan ready, as some oil will leak out.

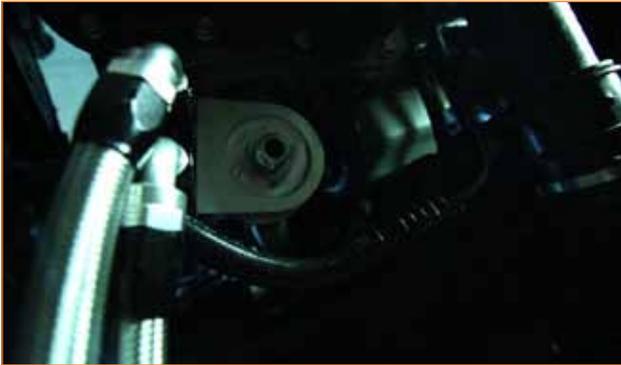
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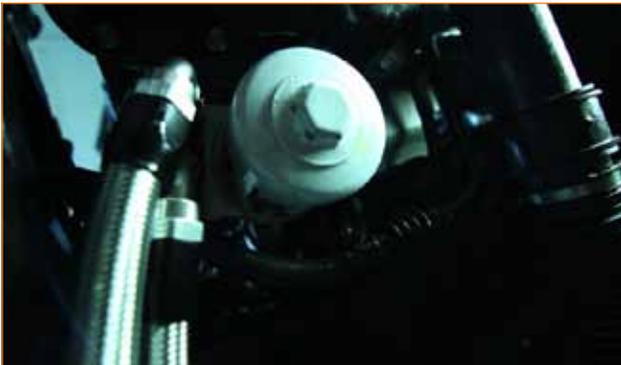
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03 | INSTALLING THE OIL LINES AND SANDWICH PLATE CONTINUED

5. Secure the sandwich plate to the oil filter bracket, using the supplied 24mm adapter nut. Be sure this is properly tightened.



6. Attach the oil filter to the installed sandwich plate. This is the time to tighten both ends of the lines.



04 | FINALIZING INSTALL

1. Reconnect the splash shields to the frame.



2. Replace the bumper, in reverse order of its removal.



3. Check the oil level and add more oil if necessary.

4. Start vehicle and check for any warning lights on the dash as well as for leaks under the vehicle.

5. You have now successfully installed the Mishimoto Hyundai Genesis Oil Cooler Kit.

See specific instructions for installing the sandwich plate →

03

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.



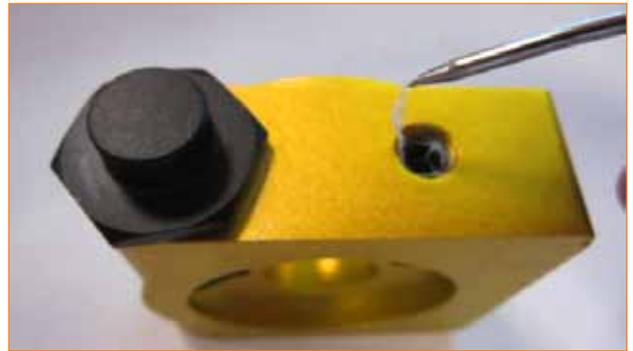
3. Screw plug into port until it is "finger tight."



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.