

'10-'12 HYUNDAI GENESIS COUPE 3.8 V6 ALUMINUM RADIATOR INSTALLATION GUIDE

PARTS LIST

1PC | MISHIMOTO RADIATOR

TOOLS NEEDED

COOLANT	10MM SOCKET
FUNNEL	PHILLIPS SCREWDRIVER
LINEMAN'S PLIERS	FLATHEAD SCREWDRIVER
RATCHET	FLUID DRAIN PAN
RATCHET EXTENSION	

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.

INSTALLATION INSTRUCTIONS

01 | REMOVING THE STOCK RADIATOR

1. First place the vehicle in park and/or engage the parking brake. Jack up the vehicle and support it safely on jack stands.
2. Remove the four 10mm bolts holding the lower splash shield and detach the shield from the vehicle.



3. Locate the radiator drain plug on the passenger side of the radiator and turn it counterclockwise to loosen. Drain all coolant from the radiator into a fluid container.

4. Remove the air-intake box and hose from the vehicle. Take precaution not to damage any of the wiring for the mass airflow sensor.

5. Use a Phillips screwdriver to remove the four plastic screws holding the intake scoop/radiator cover in place. Remove this panel from the vehicle to reveal the radiator.



6. Loosen the hose clamps using lineman's pliers and remove the upper radiator hose.

7. Use the same process of loosening the clamps to remove the lower radiator hose from the vehicle.

8. Remove the coolant overflow tank. This tank is secured to the fan shroud with two 10mm bolts and one clip at the base of the fan shroud.

9. Remove the coolant overflow hose that runs across the top of the radiator to the fill neck on the passenger side.

10. Next the fan shroud needs to be removed. First disconnect the fan wiring and the two 10mm bolts securing the shroud to the radiator.



11. If your vehicle is equipped with an automatic transmission, disconnect the lines at the base of the radiator. An external transmission cooler will be necessary if installing this on an automatic model.

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01 | REMOVING THE STOCK RADIATOR CONTINUED

12. Lift the fan shroud slightly and unclip the base from the radiator. Push the shroud slightly towards the rear of the vehicle, letting it rest on the engine.

13. Disconnect the AC condenser from the radiator, which is secured by three 10mm bolts.



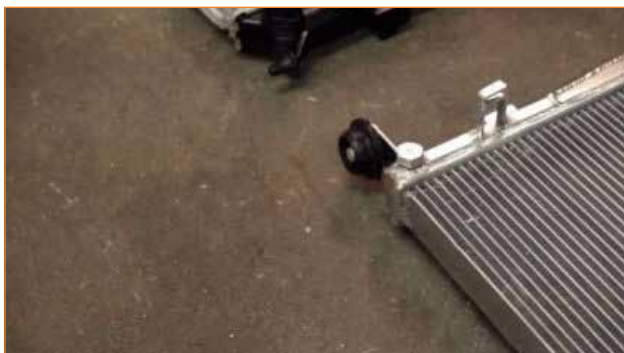
14. Remove the four 10mm bolts securing the upper radiator brackets. There are two bolts on each side. When completed remove these brackets.

15. Pull the radiator up and out of the vehicle. Be sure the AC condenser separates from the radiator on its way out.

16. Remove the clip holding the wiring harness to the fan shroud and remove the shroud from the vehicle.

02 | INSTALLING THE MISHIMOTO RADIATOR

1. Transfer the lower radiator mounts from the OEM radiator to the pegs on the Mishimoto radiator.



2. Place the Mishimoto radiator in the vehicle; be sure that the lower mounts line up with the holes on the radiator support.

3. Relocate the AC condenser to the mounting hooks on the front of the radiator.

4. Reinstall the three 10mm bolts that secure the AC condenser to the radiator.

5. Reinstall the upper radiator mounting brackets with the four 10mm bolts.

6. Reattach the upper radiator hose to the engine only.

7. Reattach the lower radiator hose to the engine only.

8. Reinstall the radiator fan shroud. The lower mounting points will clip into the radiator, and the upper portion is secured by two 10mm bolts.

9. Reinstall the fan-wiring clip and plug the connector into the fan.

10. Attach the upper radiator hose to the radiator.

11. Reinstall the coolant overflow tank. The base will clip into the fan shroud, and the top is secured with two 10mm bolts.

12. Reinstall the coolant overflow hose by routing it over the fan shroud and onto the nipple on the radiator fill neck.

13. Reinstall the front air dam using the four plastic screws.

14. Reinstall the air box and intake hose. Be sure to plug in the mass air-flow sensor.



15. Reinstall the lower splash shield, which is secured by four 10mm bolts.

16. Now refill the coolant system using a 50/50 mix of distilled water and antifreeze.

17. Set the heat on high and start the vehicle. Check for any leaks in the system and allow for all the air to purge from the cooling system before driving.

You have now successfully installed your Mishimoto Hyundai Genesis Coupe Aluminum Radiator. Enjoy!