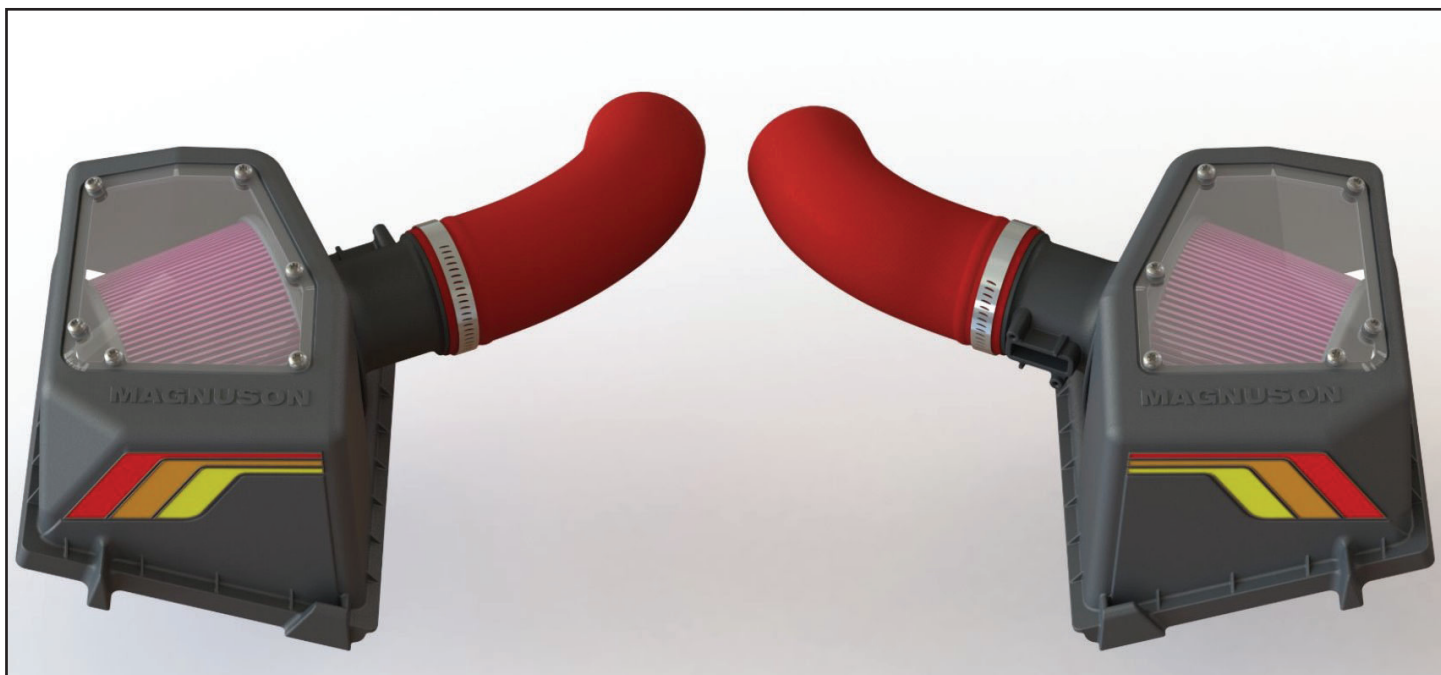


MAGNUSON

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2022+ Toyota Tundra Cold Air Intake Kit Installation Guide



Important Note: Before installing the Magnuson Performance cold air kit, please read through the installation procedure and verify that all items are present.

LIMIT OF LIABILITY STATEMENT

The information contained in this publication was accurate and in effect at the time the publication was approved for printing and is subject to change without notice or liability. Magnuson Performance Products reserves the right to revise the information presented herein or to discontinue the production of parts described at any time.

SAFETY PRECAUTIONS

STOP! CAREFULLY READ THE IMPORTANT SAFETY PRECAUTIONS and WARNINGS BEFORE PROCEEDING WITH THE INSTALLATION!

Appropriate disassembly, assembly methods and procedures are essential to ensure the personal safety of the individual performing the kit installation. Improper installation due to the failure to correctly follow these instructions could cause personal injury or death. Read each step of the installation manual carefully before starting the installation.

- Always wear safety glasses for eye protection.
- Place ignition switch in the OFF position.
- Always apply the parking brake when working on a vehicle.
- Block the front and rear tire surface to prevent unexpected vehicle movement.
- If working with a lift, always consult vehicle manual for correct lifting specifications.
- Operate the engine only in well-ventilated areas to avoid exposure to carbon monoxide.
- Do not smoke or use flammable items near or around the fuel system.
- Use chemicals and cleaners in well-ventilated areas.
- Batteries produce explosive gases, which can cause personal injury. Therefore, do not allow flames, sparks or flammable substances to come near the battery.
- Keep hands and any other objects away from the radiator fan blades.
- Keep yourself and your clothing away from moving parts when the engine is running.
- Do not wear loose clothing or jewelry that can get caught in rotating parts or scratch surface finishes.
- Allow the engine, cooling system, brakes and exhaust to cool before working on a vehicle. **WORK SAFELY!** Perform this installation on a good clean level surface for maximum safety and with the engine turned off.

Tools Required:

- Safety glasses
- 10mm socket
- 8mm socket
- 7mm socket
- Ratchet and extension
- Small Phillips screwdriver



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A drawing is provided in Appendix A at the back of this manual.

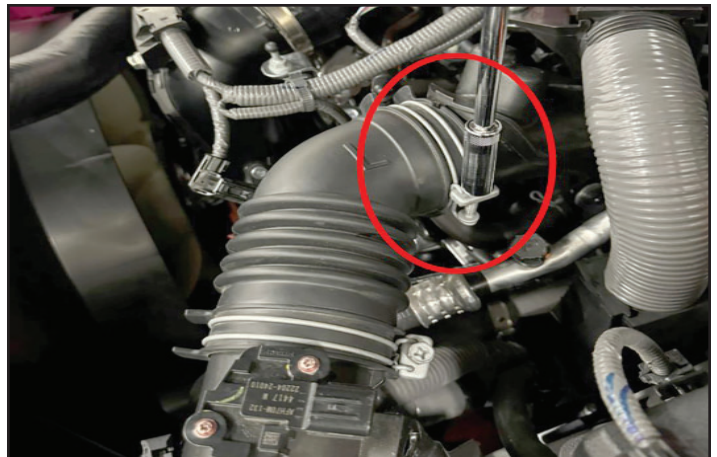
1. The following steps are shown for the LH side of the airbox. Repeat the steps for the RH side.

Disconnect the hardshell connector from the MAF sensor at the location shown.

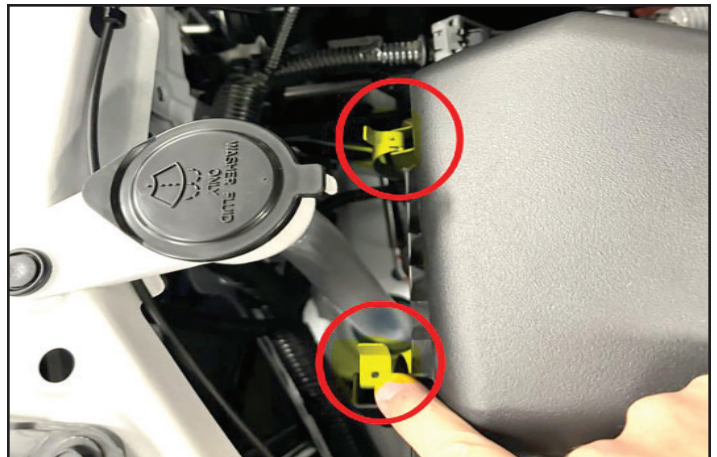


2. Using a 10mm socket, loosen the factory clamp that secures the clean air tube at the location shown.

Pull the clean air tube from the intake at this location.



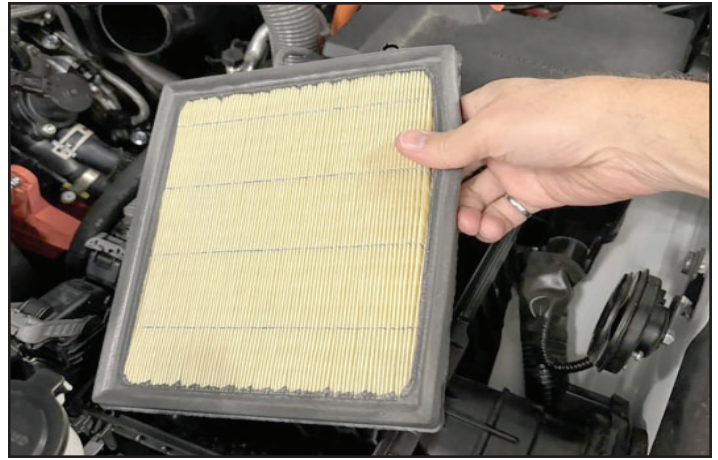
3. Disconnect the spring clamps securing the factory airbox lid at the locations shown.



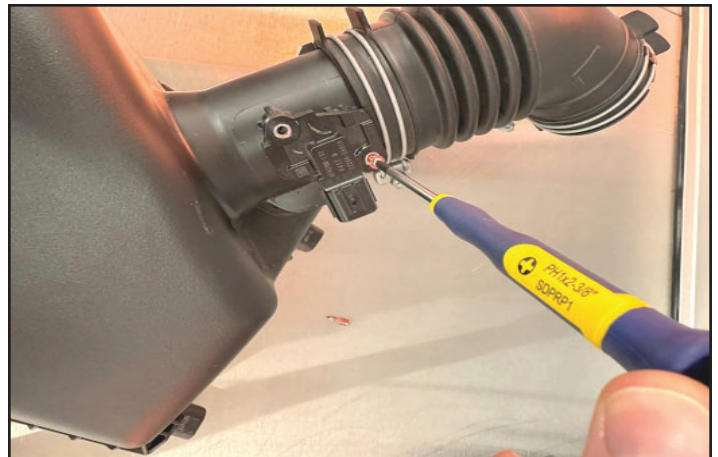
4. The lid assembly can now be removed from the vehicle



5. Remove the factory panel filter from the airbox. It will not be reused.



6. Remove the factory MAF sensor from the airbox



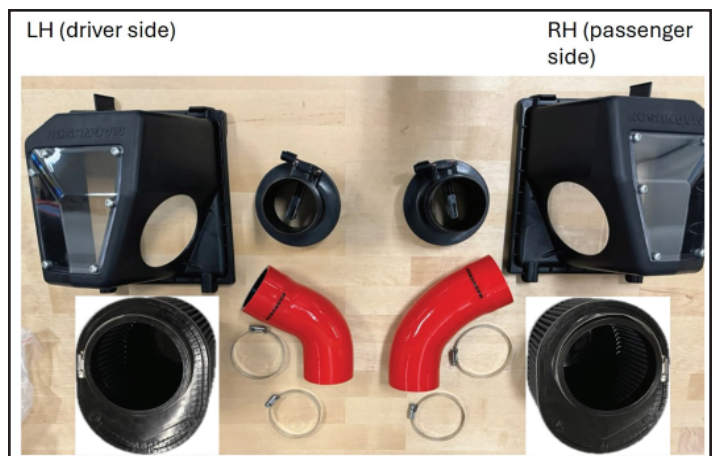
7. Install the factory MAF sensor into the Magnuson MAF tube and secure it with the factory screws.



8. The photo shows an overview of the Magnuson hardware that will be installed next.

Note that the longer silicone hose will be installed on the RH (passenger) side of the engine.

Also note the orientation of the hole in the airbox lids, which are unique to each side.



9. Select the LH airbox lid assembly and one of the air filters from the kit.

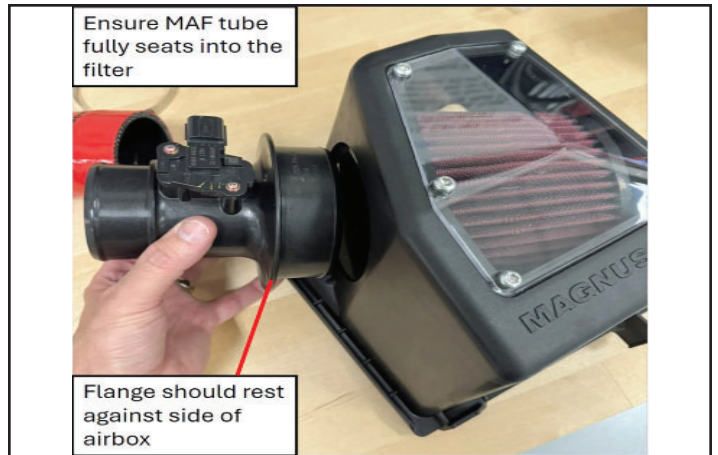
Note that the filters have a LH and RH reference line molded into them. This will be used to orient the filters to the airboxes in a later step.



10. Install the MAF tube with the sensor facing up, through the hole in the airbox. Insert the tube into the air filter while holding the filter in place against the inside of the airbox.

Ensure the MAF tube is fully seated into the filter so that the flange on the tube rests up against the wall of the lid.

In this example we are sub-assembling the LH airbox, however the RH side is similar.



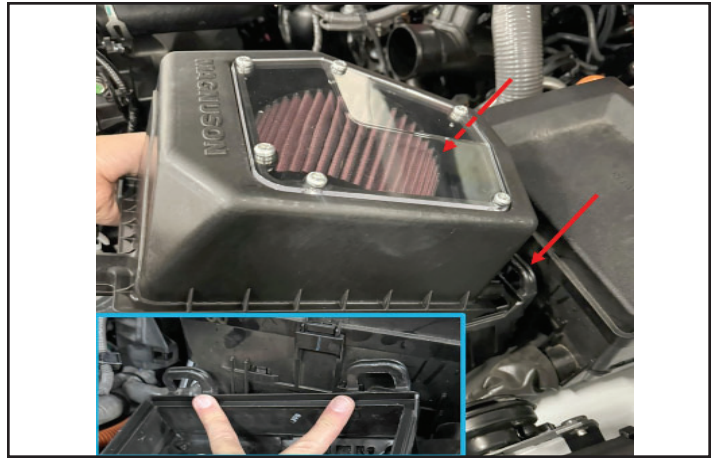
11. Rotate the air filter so the LH reference line that is molded into the vertical face is parallel to the airbox as shown.



12. Tighten the gear clamp on the filter to secure it to the tube.



13. Install the new airbox lid sub-assembly back into the vehicle, ensuring that you engage the two tabs in the lid into the slots in the lower filter box.

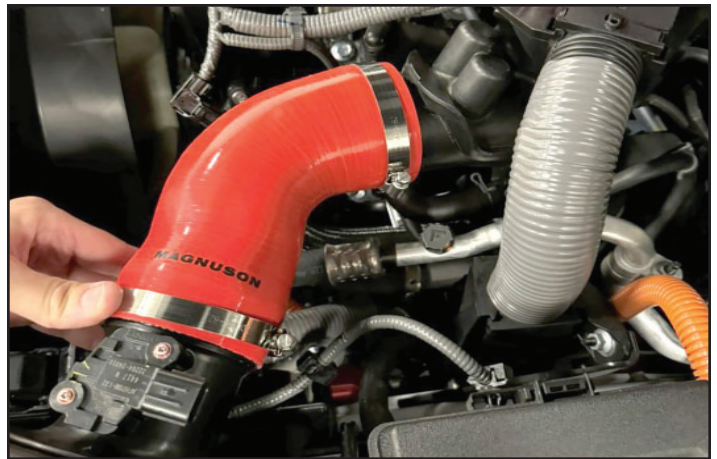


14. Secure the airbox lid to the base by cycling the (2) spring locks.



15. Select the silicone hose and (2) gear clamps. Note: the shorter hose goes on the LH (driver) side.

Install a clamp over each end of the hose then install the hose between the MAF tube and the engine with the Magnuson logo facing the front of the vehicle.



16. Tighten both clamps to secure the hose at each end.



17. Re-install the connector into the MAF sensor.



18. Repeat the process for the RH side of the airbox, using the RH lid and longer silicone hose.

Note that the RH filter is oriented to the RH airbox by referencing the line molded into the side with the R.

Secure the lid to the base then install the longer RH hose with the Magnuson logo facing the front of the vehicle as shown.

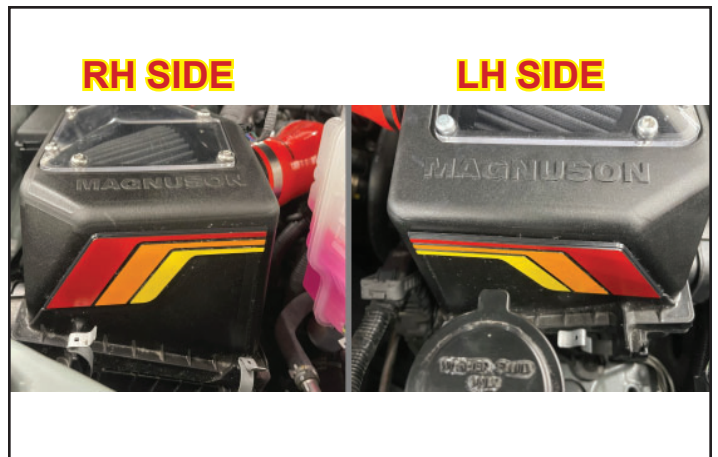
Secure the hose with the remaining (2) gear clamps.



Re-install the connector into the MAF sensor.

19. Clean the front vertical faces of both air boxes with iso alcohol.

Affix the logos to the front of the airboxes as shown.



Take a moment to inspect your work, ensuring all gear clamps are tightened, both lids are secured and the MAF sensors are connected. Ensure no tools are left under hood.

Start the vehicle and ensure it runs smooth, and the check engine light is not illuminated. If there are any issues, double-check that everything has been installed correctly.

You have now completed the installation of your new Magnuson Performance Cold Air Kit.



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