

Acura TLX 2021-2023 2.0L Turbo Short Ram Intake Installation Instructions

Tools Needed:

Phillips screwdriver or 1/8 Allen key (depending on the type of screws provided)

Installation Instructions:

1. Turn off the ignition and disconnect the negative battery cable.

NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied in your owner's manual. In the event your vehicle's anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicles anti-theft code before disconnecting the negative battery cable.

2. Remove the clip on the Mass Air Flow (MAF) wire harness from the factory air box and the electrical connector on the MAF sensor.

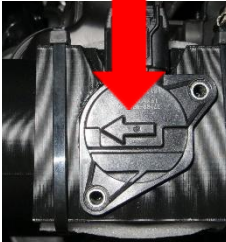


3. Remove the MAF sensor from the factory air box and save the sensor and factory screws in a safe place.
4. Unlatch the top lid of the factory air box



5. Loosen the hose clamp to top lid factory air box
6. Remove the top lid and filter

7. Take note of the direction the MAF sensor will need to point and what end of the adapter you are adding your filter to. The arrow on the MAF sensor shows the direction of airflow. Dip your finger in water and wet the hole of the adapter, install MAF sensor on adapter, push firmly so the sensor sits in completely.

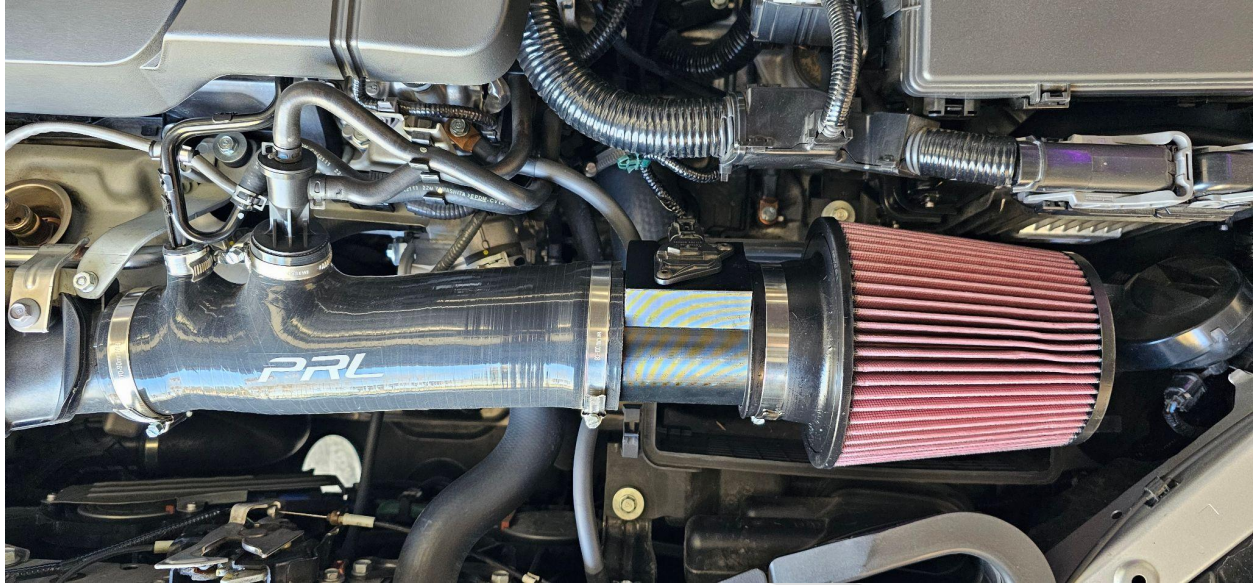


8. Slowly, line up MAF sensor holes with the pre-drilled or threaded inserts and screw the provided screws in firmly, (do not over tighten or cross thread). Make sure MAF sensor is seated completely. The o-ring seal should not be visible. There should be a small gap between the MAF sensor and adapter where the screws line up.
9. Add your 3.25" or 3.5" ID filter to the proper end of the adapter and tighten your hose clamp (**do not over tighten**).
10. Attach the other end of the adapter to the factory or aftermarket flex tube and tighten hose clamp (**do not over tighten**), make note of MAF sensor and where it will plug in.
11. Plug in the wire connector to the MAF sensor
12. Add a zip tie and/or double side tape to hold the filter down. Depending on which one you have you may need some foam to protect it from factory air box.
13. Reconnect the vehicle's negative battery cable. Double check to make sure everything is tight and properly positioned before starting the vehicle.
14. Start the engine with the transmission in neutral or park and the parking brake engaged. Listen for air leaks or odd noises. For air leaks secure hoses and connections. For odd noises, find cause and repair before proceeding. (Note: Do not turn on the car without plugging the MAF sensor back in, this will cause an engine code.)
15. Inspect all the parts and connections after running a few days. Then, inspect all the parts periodically. We recommend inspection of all the parts around every 1,000 miles. For extreme heat conditions is recommended a heatshield wrap or a high temperature paint protection.

DISCLOSURE: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS MAY DAMAGE THE INTAKE TUBE, THROTTLE BODY, AND ENGINE. I'M NOT RESPONSIBLE FOR ANY POSSIBLE DAMAGE THAT COULD OCCUR DURING INSTALLATION OR WHILE IN USE. NOT LEGAL FOR SALE OR USE ON ANY POLLUTION CONTROLLED MOTOR VEHICLE.

This part is proudly designed and made in the USA by ELEMENTS 3DPRINTING, LLC.

Enjoy the turbo sound!



Short Ram Intake with Aftermarket PRL Tube (not included)