



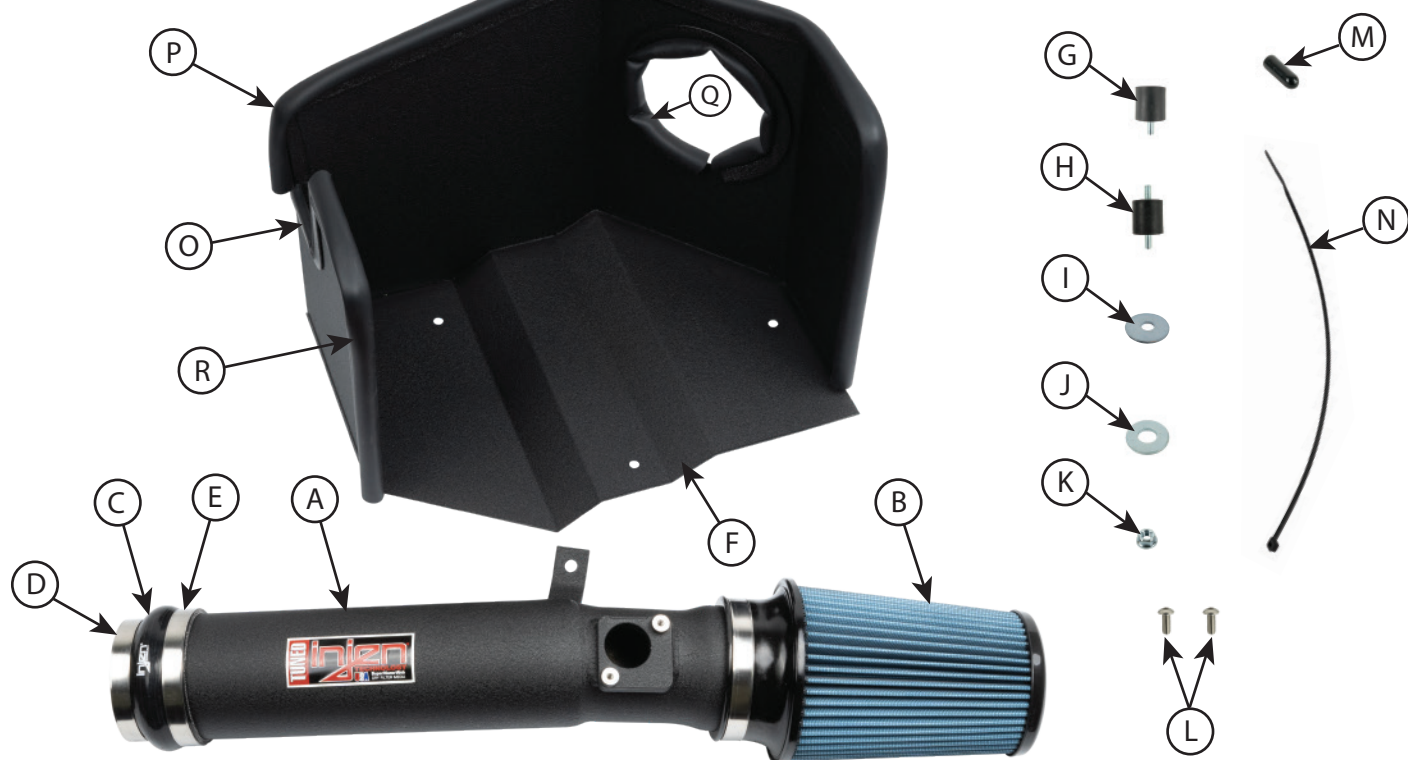
SP SERIES AIR INTAKE SYSTEM

Part Number: SP2082

Installation Instructions

YEAR	MAKE	MODEL	ENGINE
2023	TOYOTA	GR COROLLA	L3-1.6L TURBO

PARTS INCLUDED



ITEM	QTY	PART NO.	DESCRIPTION
A	1	W-SP2082	1 PIECE SHORT RAM INTAKE TUBE
B	1	X-1079-BB	3.50" SUPERNANO-WEB DRY AIR FILTER
C	1	X-3236	3.125"-3.50" STEP HOSE 2.125" L
D	1	X-4004	SAE 048 CLAMP 2 9/16" - 3 1/2" MAX OD
E	1	X-4005	SAE 056 CLAMP 3 1/16" - 4" MAX OD
F	1	X-11183	HEATSHIELD
G	1	X-6028	M6 VIBRA-MOUNT (MALE/FEMALE)
H	3	X-6020	M6 VIBRA-MOUNT (MALE/MALE)
I	5	X-6010	1/4" x 1" FENDER WASHER
J	4	X-6011	1/4" WASHER
K	5	X-6002	M6 FLANGE NUT
L	2	X-6047	M4-.7 X 10 BUTTON HEAD SCREW
M	1	X-8003	3MM VACUUM CAP
N	1	X-8014	BLACK ZIP TIE
O	7"	X-6094	BULB TRIM
P	35"	X-6058	BULB TRIM
Q	13"	X-6058	BULB TRIM
R	16"	X-6058	BULB TRIM

RECOMMENDED TOOLS

Ratcheting Wrench

Extension

8mm Socket

10mm Socket

Flat Head Screwdriver

Phillips Head Screwdriver

BEFORE YOU BEGIN

Please check the list of parts included and report any defective or missing parts to the authorized Injen dealer you purchased this product from. Before installing any parts of this system, please read the instructions thoroughly. If you have any questions regarding installation, please contact your Injen Technology dealer. Installation DOES require some mechanical skills. A qualified mechanic is always recommended.

This product includes a Limited Lifetime Warranty to the original purchaser against defects in material and workmanship on all Injen intake systems excluding the filter element. Any and all warranty coverage is limited to the repair or replacement of the defective part only, at Injen Technology's discretion. The warranty does not cover incidental or consequential damages, nor does it cover the cost of installation or removal of the defective part or its replacement. Proof of purchase is required.

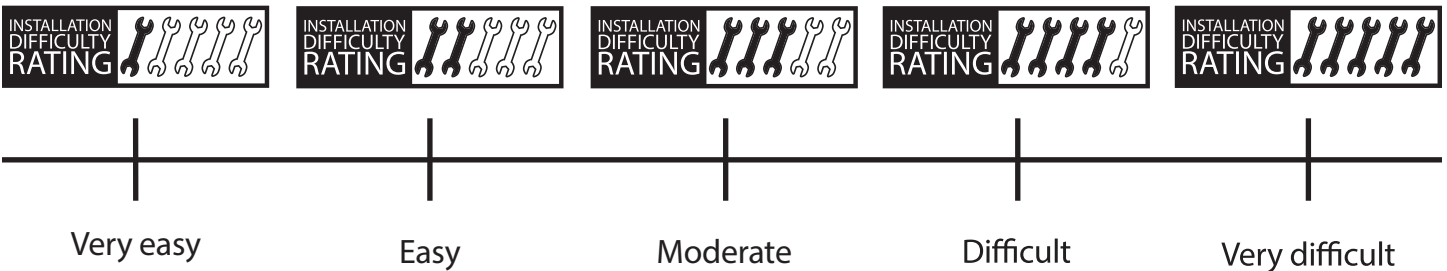
Do not attempt to install the intake system while the engine is hot. Severe burn could result from touching hot engine components.

WARNING: Failure to follow installation instructions and not using the provided hardware may damage the intake system, engine, or components of either.

CARB Note: Injen intake systems are street legal in most states unless the state is adopting to California Emissions standards. States that have adopted California emission standards include: Arizona, California, Connecticut, District of Columbia, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont, and Washington. These states will require a California Air Resource Board Executive Order Number (CARB E.O.) for the legal use of an Injen intake system in your vehicle for use on public roads or highways. Otherwise, the vehicle will be considered "Legal in California only for racing vehicles competition use only, which may never be used upon a public street or highway." Please keep your factory air intake system for any future on-road use.

Note: It is always recommended to disconnect your battery before disconnecting any sensors.

DIFFICULTY RATINGS



FILTER MAINTENANCE

SuperNano-Web Dry Air Filter (Blue Media)	8-Layer Oiled Cotton Gauze Air Filter (Red Media)
Do not use water or filter oil to clean!	Injen Technology's Oiled Filter Restore Kit (P/N: X-1030) is recommended for cleaning and maintenance.
You can use a vacuum cleaner or compressed air to clean.	Use the cleaning solution or water to wash out the filter element, then use Injen's Proprietary Filter Oil to re-oil the element. The amount of oil to use in grams is provided on the product page for the filter at https://injen.com . Let sit for 24 hrs for the oil to completely saturate the cotton gauze media.
If you're using a vacuum cleaner, follow the direction of the pleats on the outside of the filter element.	
If you're using compressed air, make sure it never exceeds 25 PSI. Use a blower from the inside of the element towards the outside, following the direction of the pleats.	



1. Disconnect the vacuum switching valve harness



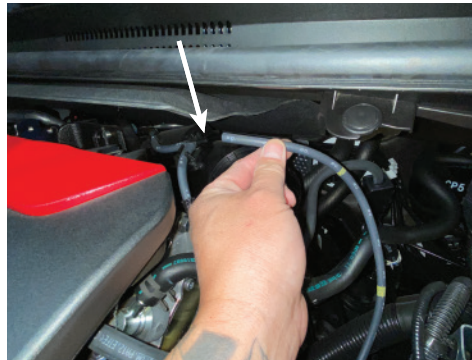
2. Disconnect the MAF sensor harness



3. Loosen the clamp on the intake tube



4. Remove the top portion of the OEM air box assembly



5. Disconnect the vacuum line from the T-fitting on top of the turbo inlet connected to the switching valve from figure 1



6. Place the supplied 3mm vacuum cap onto the T-fitting



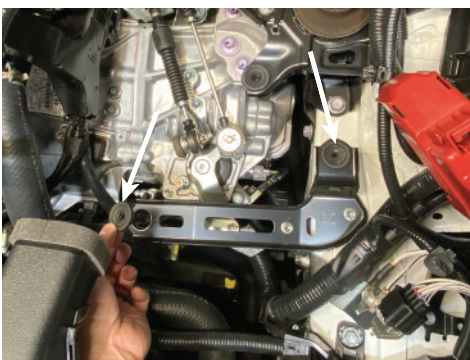
7. Lift up and remove the lower portion of the OEM air box assembly



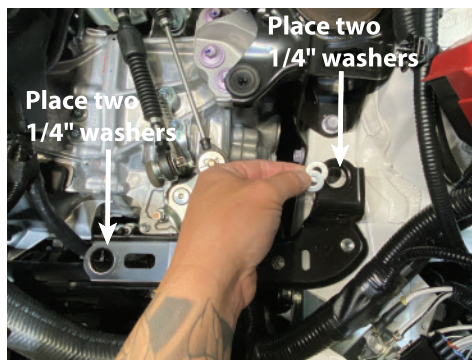
8. Remove the vacuum switching valve from the OEM air box assembly



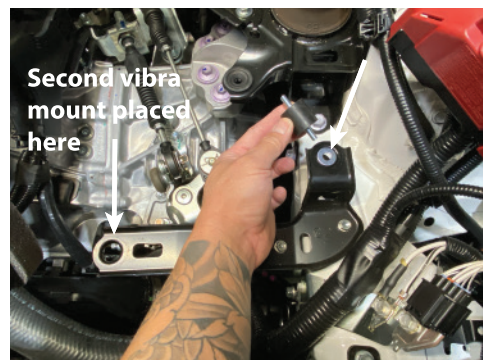
9. Use the supplied zip tie and secure the vacuum switching valve to the battery cables. Reattach the harness from Figure 1



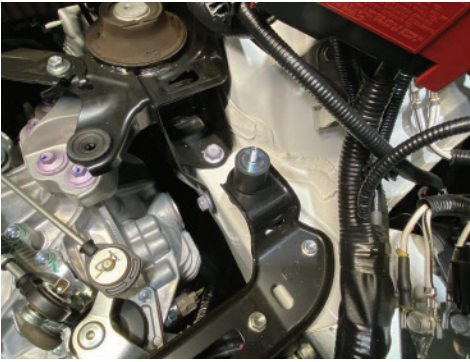
10. Remove the two lower OEM air box grommets



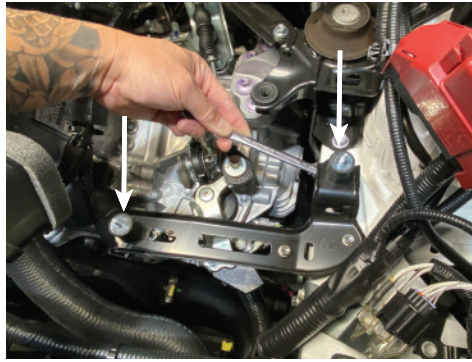
11. Place two 1/4 washers onto the grommet holes



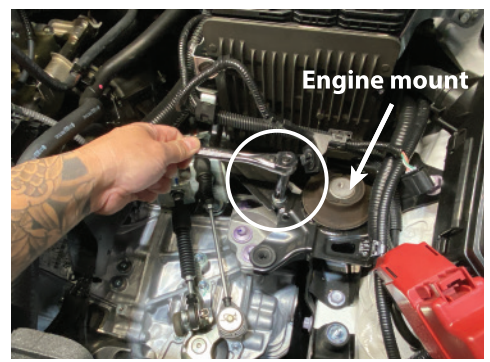
12. Mount a male/male vibra-mount through the two 1/4" washers. Repeat process for the second vibra-mount



13. The 1/4" washers will be smashed in between the bracket and vibra-mount



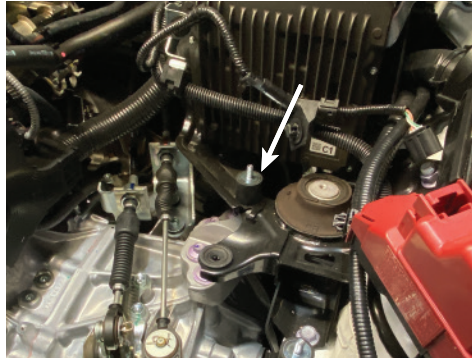
14. Use a fender washer and M6 nut to secure the two vibra-mounts to the bracket



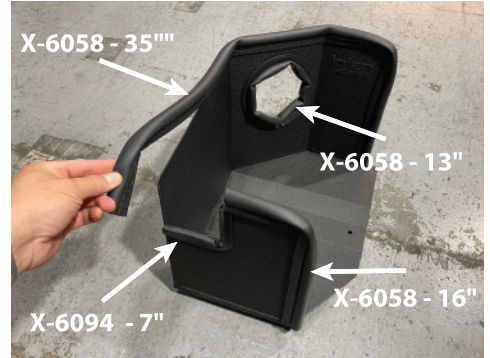
15. Remove the 10mm bolt next the engine mount



16. Place a male/male vibra-mount after removing the 10mm bolt from figure 15



17. Vibra-mount shown mounted in correct location



18. Place the supplied bulb trims onto the heat shield as shown in the photo



19. Lower the heat shield into the engine bay and align the studs on the vibra mount from figures 14 and 17.



20. Heat shield shown correctly mounted to vibra-mounts



21. Place the male/female vibra mount onto the rear vibra-mount from figure 17 & then place a M6 nut and fender washer onto the front vibra-mounts in figure 14



22. Secure the two M6 nuts from figure 21



23. Place the 3.125"-3.50" Step hose, #48 & #56 clamp onto the turbo inlet and secure only the #48 clamp on the turbo inlet side for now.



24. Insert the intake pipe through the heat shield hole and slip the tube into the 3.125"-3.50" Step hose.



25. Align the bracket onto the rear vibra-mount and then secure the #56 clamp once the intake pipe has been adjusted for best fitment.



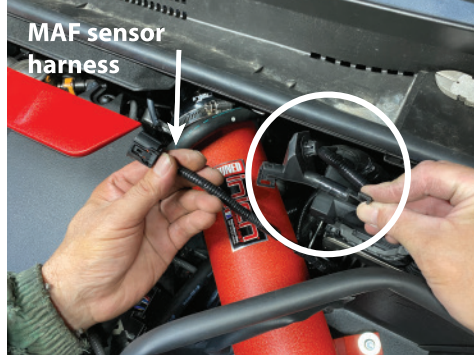
26. Use a M6 nut and fender washer to secure the intake bracket to the vibra-mount



27. Remove the OEM MAF sensor from the OEM air box assembly



28. Place the OEM MAF sensor into the Injen MAF adapter



29. Remove the plastic mounting bracket from MAF sensor harness



30. Run the MAF sensor harness through the heat shield and then reconnect the MAF sensor harness to the MAF sensor



31. Place the filter onto the end of the pipe and then secure the clamp



32. The installation is now complete

CONGRATULATIONS! You have just completed the installation of this intake system. Periodically, check the alignment of the intake, normal wear and tear can cause nuts and bolts to come loose. Note: Check clearance and adjust if needed! Failure to check the alignment and adjust the intake can cause damage that will void the warranty. Injen Technology is not responsible for any damages caused by/ from improper installation.