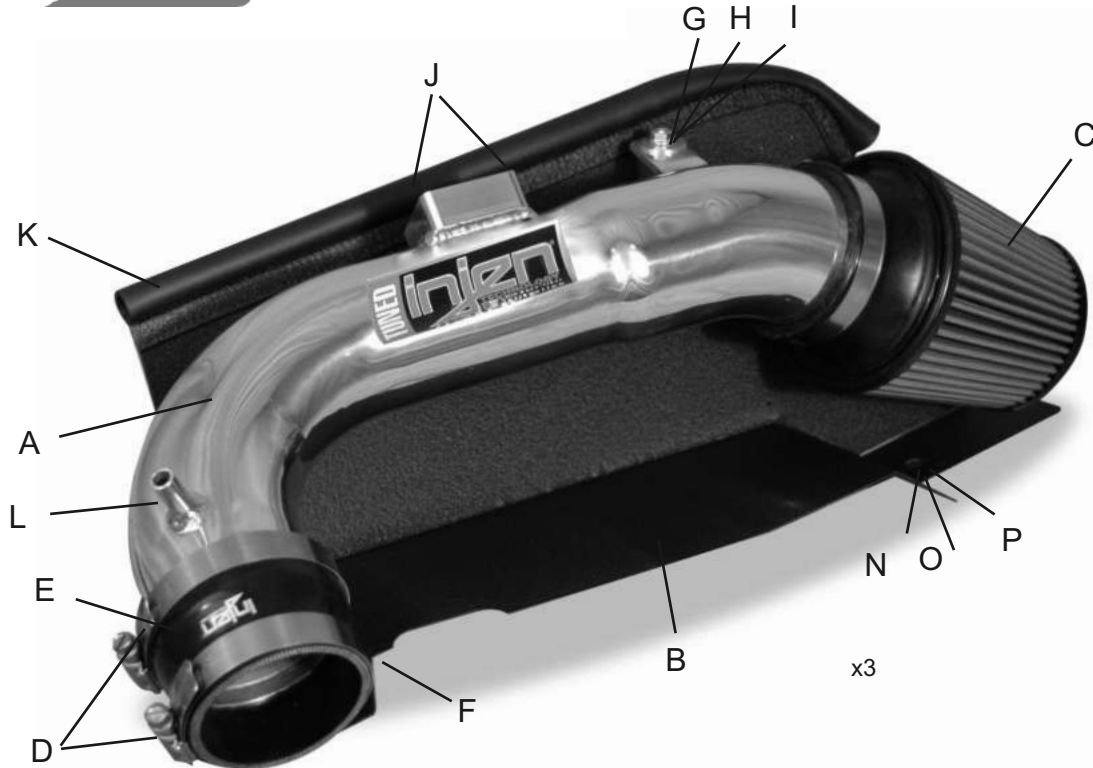


# Instruction Manual P/N:SP6010



Vehicle Application:  
 Make: **Mazda**  
 Model: **MX-5**  
 Year: **2016-2017**  
 Engine: **2.0L 4-cyl.**



Item	QTY.	P/N	Description
A	1	Y-SP6010	Intake Tube
B	1	#11126	Heat shield
C	1	#1017	3" Dry air filter
D	2	#4003	#40 clamps
E	1	#3116	2.75-2.50 step hose
F	1	#8002	Grommet
G	1	#6020	M6 vibramounts
H	1	#6010	Fender washers
I	1	#6002	M6 nuts
J	2	#6047	M4 button head screws
K	1	#6058	Rubber trim @ 17" Length
L	1	#3079	10mm hose @ 8.5" Length
M	1	#8035	Vinyl cap
N	1	#6062	M8 vibramount
O	1	#6011	M8 nut
P	1	#6011	Small washer

- TOOLS REQUIRED**
- 10mm Ratchet & Socket
  - 8mm nut drive
  - Allen key
  - Flat Blade Screwdriver
  - Phillips Screwdriver

**WARNING:** FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE INTAKE SYSTEM, ENGINE AND COMPONENTS!!!  
\*Do not attempt to install the intake system while the engine is hot.  
 Severe burn could result from touching hot engine components!

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.

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.

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**NOTE:** This intake kit may not work on vehicles with the following aftermarket modifications.

- Aftermarket Intercooler piping
- Aftermarket intercooler
- Turbo upgrade
- Modified body panels
- Suspension & Chassis modifications

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 an 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. These 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 box assembly for any future use.**



The SuperNano-Web filter media is a dry synthetic media that outperforms the competition. The media itself is a proprietary base blend of synthetics and cellulose. Cellulose fibers are larger than synthetic fibers, and have larger spaces between the fibers, causing contaminants to load in the depth of the media and plug the airflow path. This creates higher restriction levels and less capacity. The synthetic fibers in the SuperNano-Web media are submicron in diameter and have small interior fiber spaces, which result in more contaminants being captured on the surface of the media. This can help keep restriction levels low as the filter loads with dirt and containments



If you look at the picture to the left, you can see the Nano-fiber web on top of our base media. That web, or SuperNano-Web as we like to call it, helps trap smaller particles and protect your engine.

## **To Clean your filter:**

Carefully remove the filter from the housing. Once removed, wipe down the housing using a clean shop towel, being careful not to knock any dirt and/or debris in the air inlet. Your filters can be cleaned by carefully vacuuming the filter media from the dirty side, or by holding the filter with one hand and carefully blowing the filter media at a 45-degree angle from the clean side using low-pressure shop air (15-20 lbs. psi).

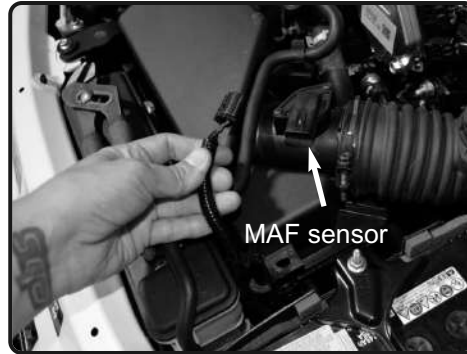
***\*IT IS IMPORTANT TO NOT USE ANY CLEANERS ON THE SUPERNANO-WEB MEDIA OR APPLY ANY OIL!!!***

**NOTE: DISCONNECT BATTERY BEFORE INSTALLATION!!!**

# Instruction Manual P/N:SP6010



1. Stock intake system shown.



2. Disconnect the MAF sensor harness.



7. Pull out crank case line from engine fitting.



3. With pliers, bull back the line from sound tube. Loosen the 10mm screw holding in the sound tube.



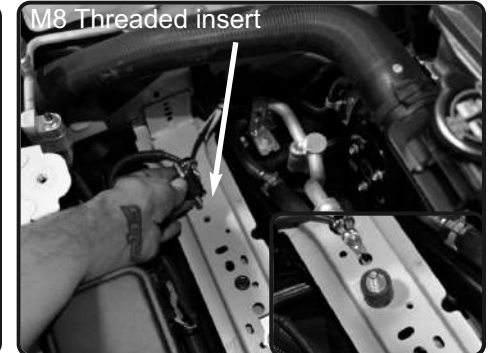
4. With 10mm socket and extension and ratchet, loosen the screw holding in the airbox on radiator support and clamp on throttle body. Pull back the coolant line from air box. Save screw for later install.



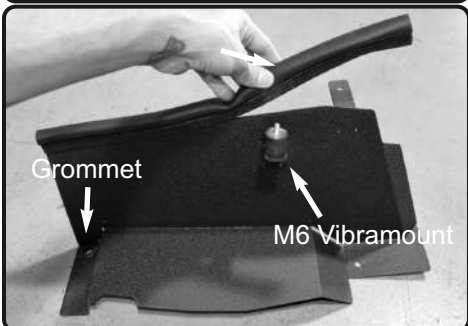
5. Carefully lift up and remove the upper stock air box assembly.



6. Now carefully remove the bottom air box assembly by pulling up from vehicle.



7. Install the M8 vibramount to the threaded insert on frame. Secure and tighten.



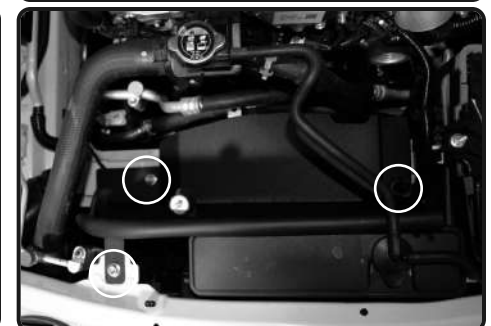
8. Install the Rubber trim to the top of heatshield. Install the M6 vibramount to the tab with threaded insert and secure. Install grommet to hole on heat shield.



9. Install the heatshield into the vehicle. Position the grommet on heatshield to original air box fitting.

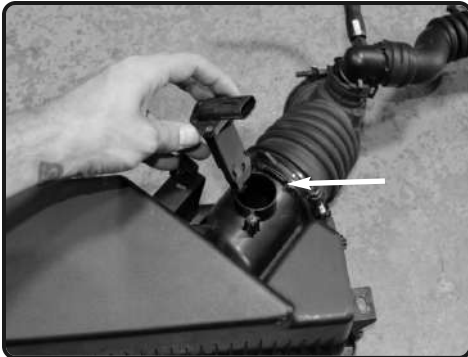


10. Secure the hole on heatshield to the M8 vibramount using provided M8 nut and washer. Secure the bracket using original screw from airbox and tighten.



11. Verify the 3 points are secured on the heatsheild.

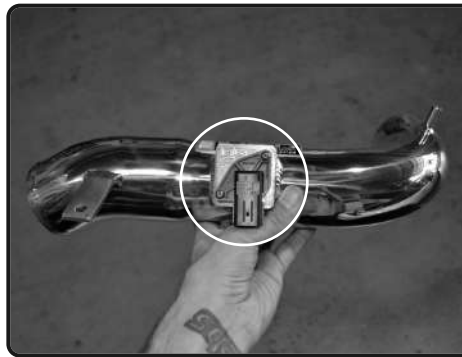
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**12.** Loosen and remove the MAF sensor from the factory air box.



**13.** Install the MAF sensor into the new intake tube.



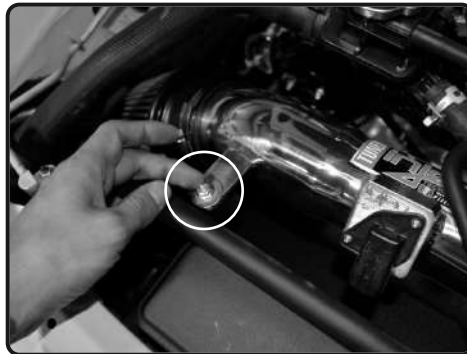
**14.** Secure using M4 button head screws and tighten using 2.5mm allen key.



**15.** Now install the air filter to the tube and tighten using 8mm nut driver.



**16.** Install the 2.75" straight hose with clamps to throttle body. Now install intake tube assembly and position the tube to straight hose.



**17.** Secure the bracket on the intake tube to the vibramount on the heatshield using fender washer and M6 nut.



**18.** Position for the best fit and tighten the clamp on throttle body.



**19.** Re-connect the MAF sensor harness.



**20.** Tighten the vibramount using 10mm socket and ratchet.



**21.** Now connect the provided 10mm hose to the engine fitting and intake tube.



**22.** Install the provided vinyl cap to the sound tube muffler.



**23.** Make sure the vinyl cap is secured.



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.**

## Test Drive:

1. With the transmission in neutral or park and the parking brake engaged, start the engine. Listen for air leaks or odd noises. If air leaks are detected, secure hoses and connections. For any odd noises, inspect entire system for cause and adjust intake as needed. The Injen intake will function identically to the factory system but will be louder and more powerful.
2. Perform a road test. Listen for odd noises or rattles and fix as necessary.
3. If there are no issues, continue to enjoy your added performance from the Injen performance Intake kit.
4. Injen Technology recommends you periodically 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.

1. Upon completion of the installation, reconnect the negative battery terminal before you start the engine.
2. Align the entire intake system for the best possible fit. Once the intake has been properly fitted continue to tighten all nuts, bolts and clamps.
3. Periodically, recheck the alignment of the intake system and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.
4. Start the engine and listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that maybe causing leaks or rattles and correct the problem.
5. Check the filter for excessive dirt build up.