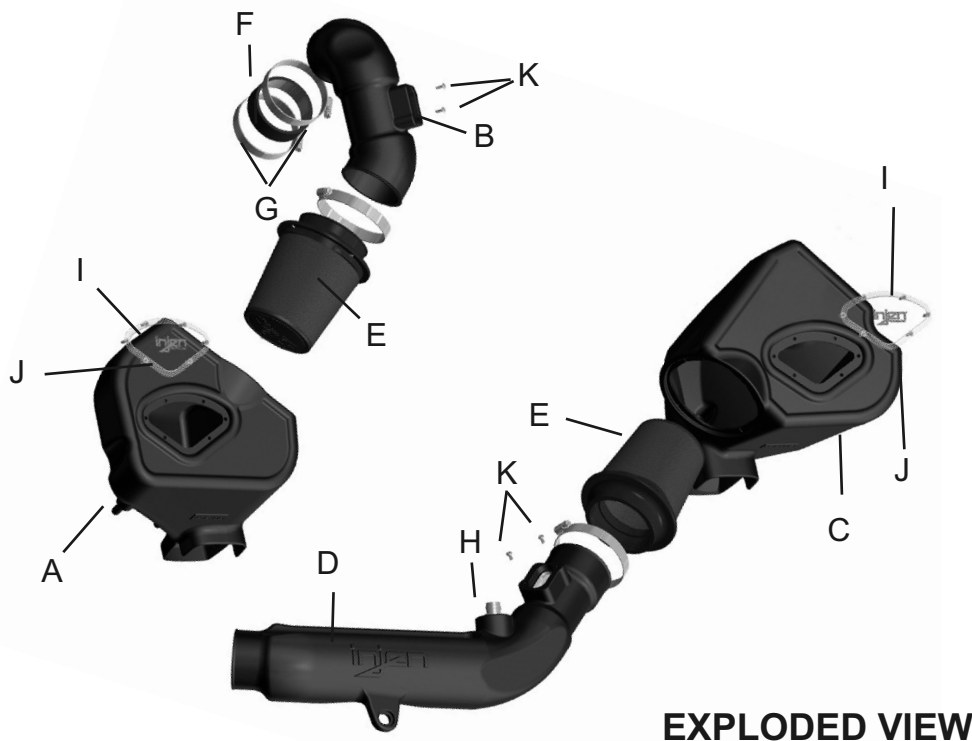




Vehicle Application:			
2015-2018 BMW M3 (F80)			
2015-2020 BMW M4 (F82/F83)			
2019-2021 BMW M2 Competition (F87)			
Engine: 3.0L Twin Turbo L6 S55			



Item	QTY.	P/N	Discription
A	1	X-15113	Right Side Air box
B	1	X-15114	Right Side Intake Tube
C	1	X-15115	Left Side Air box
D	1	X-15116	Left Side Intake Tube
E	2	X-1097	Twist-Lock™ dry filter no fitting
F	1	X-3187	3.00"X1.0" Straight hose
G	2	X-4004	#48 Clamps
H	1	X-14066	Machined Fitting
I	2	X-15139	Small Window
J	4	X-6109	Push nuts
K	4	X-6072	M4 Allen Screws

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.

injen
TECHNOLOGY

Existing media without Injen SuperNano-Web Technology

Superior Injen SuperNano-Web Technology

A New Generation of Filters Designed to perform and filter like no other

INJEN SuperNano-Web Technology

To Clean your filter:

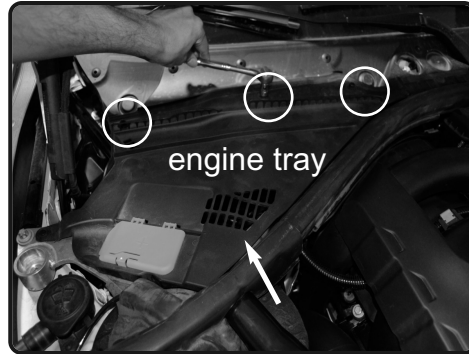
Carefully remove the filter from the housing. Once removed, wipe down the housing using a clean shop towel, being careful not to knock any dirt and/or debris in the air inlet. Your filters can be cleaned by carefully vacuuming the filter media from the dirty side, or by holding the filter with one hand 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!!!



1. Stock intake system shown.



2. Loosen the 3 plastic screw fittings holding in the engine tray connected at rain gutter.



3. Loosen the engine tray and pull back weather trim seal.



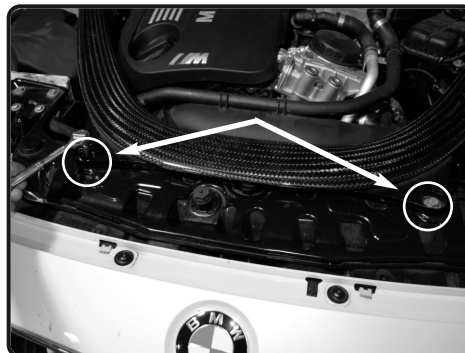
4. Lift up and turn the engine tray out of the way. This will allow for removal of the factory strut bar. Now repeat and do on other side of vehicle.



5. Loosen the 10mm bolt holding the strut bar on coolant reservoir.



6. Loosen the 3 bolts on the end of the strut bar and remove. Continue on other side.



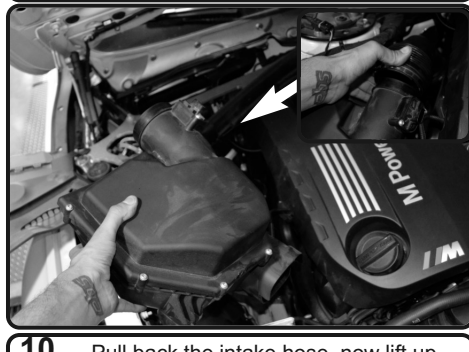
7. Now loosen the 2 bolts holding in the front of the strut bar on the radiator support.



8. Now lift up and remove the factory strut bar. This will now have access for the intake systems.



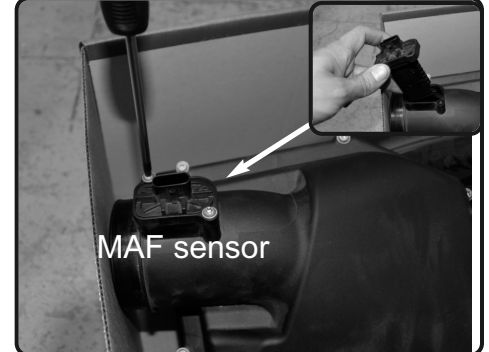
9. On passenger side, disconnect MAF sensor harness. Loosen the clamp on the air box using 7mm nut driver.



10. Pull back the intake hose, now lift up and remove the passenger side air box out of vehicle.

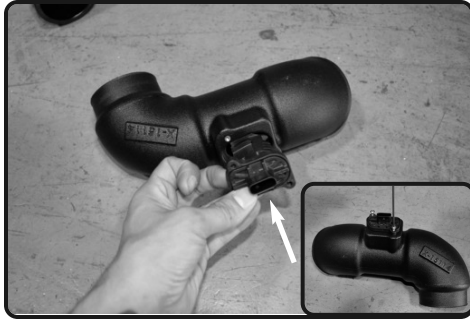


11. Loosen the clamp on the turbo housing using 7mm nut driver. Now lift up and remove passenger side intake tube from vehicle.

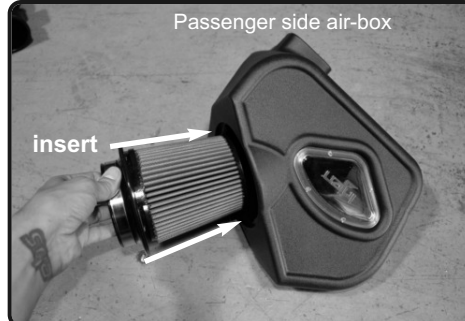


12. With T25 torx bit, loosen the 2 screws holding in MAF sensor remove.

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13. Install the MAF sensor into the passenger side intake tube. Secure and tighten using provided M4 button head screws.



14. Install the filter into the passenger side air box housing. Position the Twist-Lock™ filter pattern to the hole cut out on air box. **Please note clear windows not available.**



15. Now secure the Twist-Lock™ filter turning 1/4 turn in either direction. Make sure the filter locks into place. **Please note clear windows not available.**



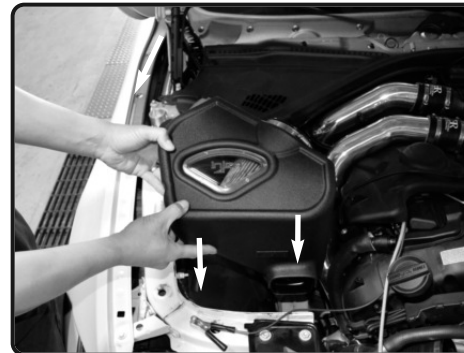
16. Locate the factory grommet clip that holds in factory air box located on vehicle frame. This will be used to secure new injen air box. Now install the grommet to the injen airbox fitting and secure.



17. Place clamps to 3" hose like above image for easy access when securing the clamps. Now install the hose assembly to the turbo housing. Tighten the clamp on the housing only using 8mm nut driver.



18. Install the passenger side intake tube and position Do not tighten clamp



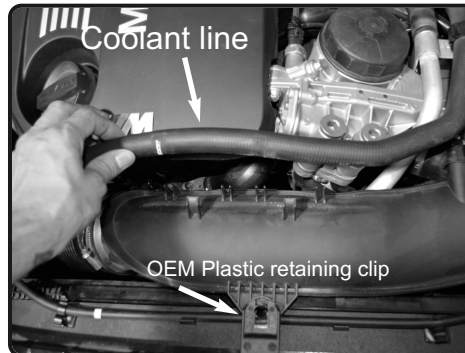
19. Now install the passenger side air box into the vehicle and secure. Make sure fitting on air box are secured in grommet. Make sure clip from step 16 is secured to frame.



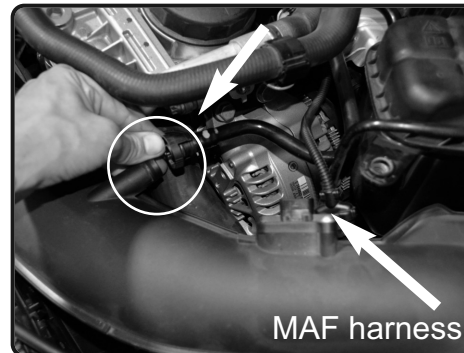
20. Install the tube to the Twist-Lock™ filter. Position for the best fit. Tighten both clamps using 8mm nut driver.



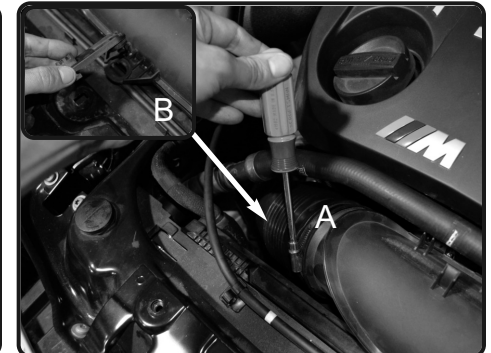
21. Pull back the harness clip from the engine cover. Now connect the MAF sensor. Verify passenger side is secured and clamps are tight.



22. Now remove the driver side air box. Pull back the coolant line from the intake tube. Disconnect the OEM plastic retaining clip from the intake tube.



23. Disconnect the MAF sensor harness. Disconnect the vacuum line from the intake tube fitting.



24. A) Loosen the clamp on intake tube using 7mm nut driver. B) Remove the plastic bracket that connects the intake tube to radiator support.

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25. Now lift up and remove the driver side intake system out of the vehicle.



26. With t25 torx bit, loosen the 2 screws holding in the MAF sensor. Carefully remove the MAF sensor.



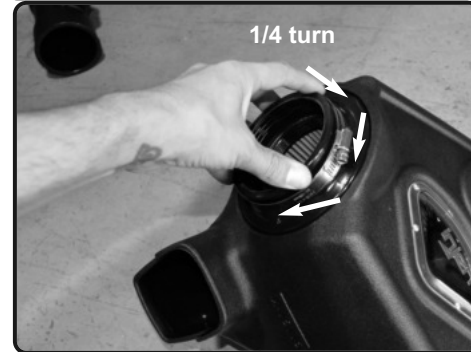
27. Install the MAF sensor into the new driver side tube. Secure and tighten using provided M4 screws.



28. Remove the grommet clip from OEM air box.



29. Position the Twist-Lock™ filter pattern to the hole cut out on air box.



30. Now secure the Twist-Lock™ filter turning 1/4 turn in either direction. Make sure the filter locks into place.



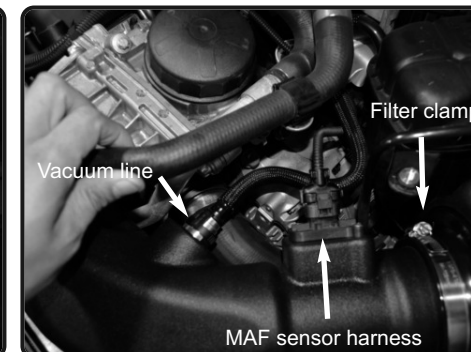
31. Now install the driver side air box into the vehicle and secure. Make sure fit-ting on air box are secured in grommet.



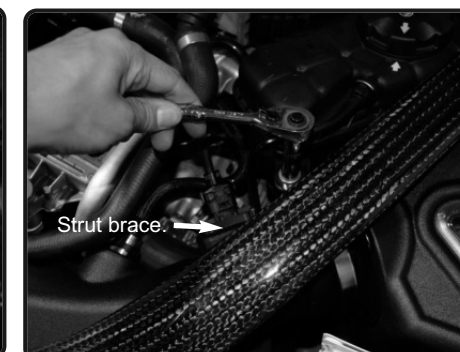
32. Install the driver side tube to the airbox and the OEM intake tube. Secure and position.



33. Reuse a OEM plastic retaining clip to secure the front of the Injen tube to the bracket.



34. Re-connect the MAF sensor harness. Re-connect the vacuum line. Secure and tighten the filter clamp on airbox.



35. Re-install the strut brace and secure.



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.**

Please note clear windows not available.

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. Clean or replace the filter with an original Injen filter (can be bought on-line at "injenonline.com"). Congratulations! You have just completed the installation of the best intake system sold on the market. Enjoy the added power and performance of your new intake system.