



# Instruction Manual P/N:PF5005



**“The World’s First Tuned air Intake System!”**  
 Factory safe air/fuel ratio’s for Optimum performance  
 Injens tuning process covered by three U.S. Patents

## Vehicle Application:

Make: **Jeep**  
 Model:  
 2018-2021 **Wrangler JL**  
 2020-2021 **Gladiator JT**  
**Excludes eTorque models**

Engine: **3.6L V6**



Item	QTY.	P/N	Discription
A	1	Y-PF5005	Intake Tube
B	1	#15143	PowerFlow Box
C	1	#1109	3-3/4" Dry air filter
D	1	#20132	Bracket
E	1	#3054	3-1/8" straight hose
F	2	#4004	#48 clamps
G	2	#15023	M6 stand off studs
H	2	#6002	M6 nuts
I	2	#6010	Fender washers
J	2	#6083	M6X10MM hex bolt
K	2	#15139	Small injen window
L	4	#6109	lock washers
M	1	#8002	Grommet

## 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.

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 Super-Nano-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).

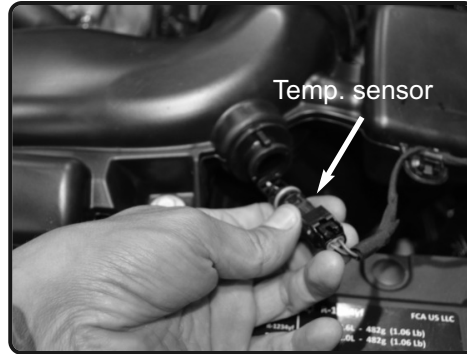
***\*IT IS IMPORTANT TO NOT USE ANY CLEANERS ON THE SUPERNANO-WEB MEDIA OR APPLY ANY OIL!!!***

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

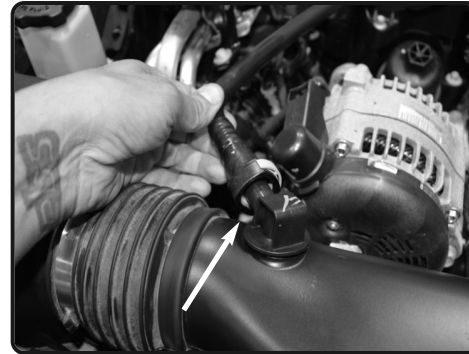
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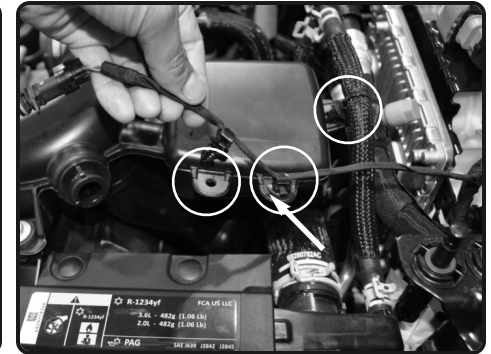
1. Stock intake system shown.



2. Disconnect the Temperature sensor harness.



7. Pull back crank case line from air box fitting.



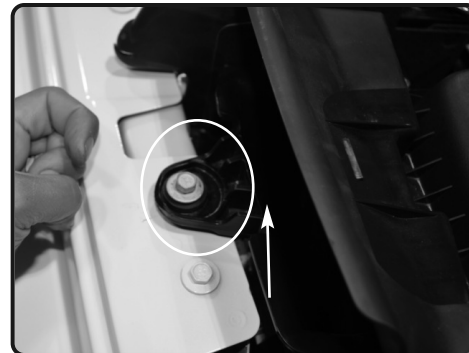
3. Pull back the temperature sensor harness from the intake tube.



4. Loosen the 2 bolts holding in the intake tube using 10mm socket or ratchet.



5. Loosen the clamp on the throttle body using 8mm nut driver.



6. Now loosen the 10mm bolt holding in the air box.



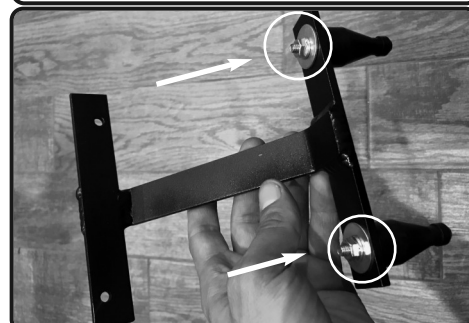
7. Now lift up and remove the air box assembly out of the vehicle.



8. Install air filter to the powerflow box.



9. 1) Insert twist lock filter to the air box. 2) Once seated, rotate in either direction 1/4 turn till filter locks.



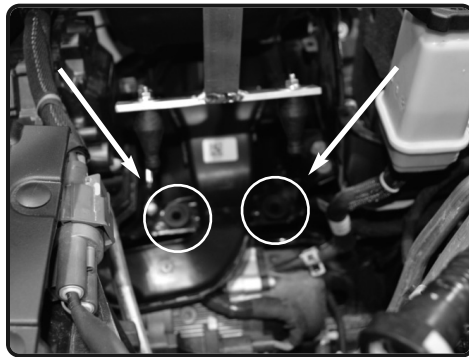
10. Install the provided stand off studs to the bracket and secure using fender washers and nuts. Secure and tighten.



11. Install the provided Bracket to the powerflow box using provided M6 screws. Secure and tighten.



**12.** Install the powerflow box assembly into the vehicle.



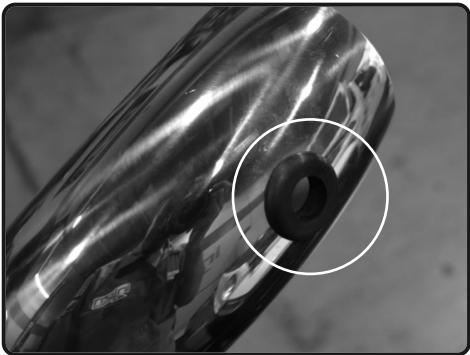
**13.** Make sure the stand off studs are seated in the OEM grommets properly.



**14.** Powerflow box installed and seated properly.



**15.** Now install the straight hose with clamps provided to the throttle body.



**16.** Install the provided grommet to the hole on the intake tube.



**17.** Install the intake tube to the vehicle. Position to the hose and filter.



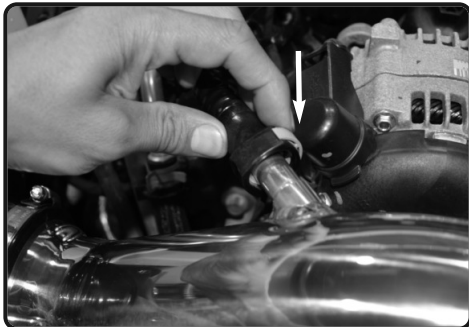
**18.** Position the intake for best fit. Tighten clamp 8mm nut driver.



**19.** Tighten the clamp on the filter using 8mm nut driver.



**20.** Re-install the temperature sensor to the grommet on the intake tube.



**21.** Re-connect the crank line to the intake tube fitting. MAKE sure you hear the click.



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. 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.