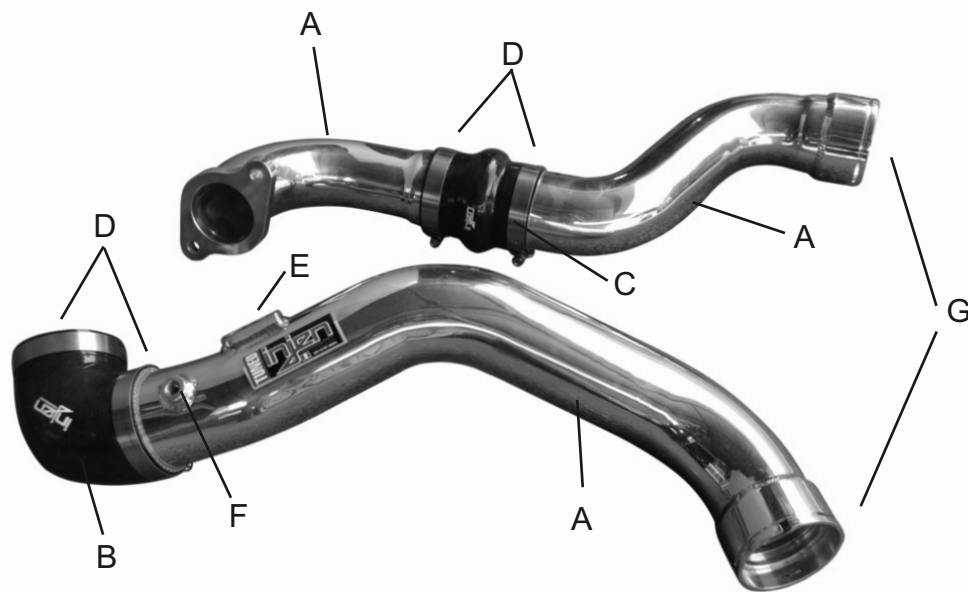




Vehicle Application:
 Make: **Chevrolet**
 Model: **Camaro 6th Gen**
 Year: **2016-2017**
 Make: **Cadillac**
 Model: **ATS**
 Year: **2013-2017**
 Engine: **2.0L 4-cyl. Turbo**



Ite	QT	P/N	Discription
A	1	W- SES7300ICP	3 piece intercooler pipes
B	1	X-3173	2-3/4" Elbow hose
C	1	X-3221	2-1/2" Hump hose
D	4	X-4003	#40 Clamps
E	1	X-6005	M6x16mm Hex screw
F	1	X-8054	1/8" NPT cap
G	2	X-6114	Rubber O-rings

- TOOLS REQUIRED**
- 10mm Ratchet & Socket
 - 8mm nut drive
 - Allen key
 - 2 Long Flat Blade Screwdriver
 - T25 torx bit

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.

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

Note: The installation of the intercooler pipes for this vehicle is recommended to be installed by a professional. This is an extreme difficult installation, requires lift. Installation time 2-3 hours.

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



The image block contains the Injen Technology logo on the left. To the right is a large, detailed image of the SuperNano-Web filter media, showing its pleated structure and the fine synthetic fibers. Below the logo are two smaller images: one showing 'Existing media without Injen SuperNano-Web Technology' and another showing 'Superior Injen SuperNano-Web Technology'. At the bottom right of the block is a spider icon and the text 'A New Generation of Filters Designed to perform and filter like no other' and 'INJEN SuperNano-Web Technology'.

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.

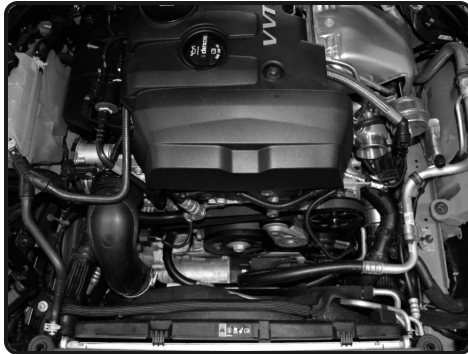
To Clean your filter:

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).

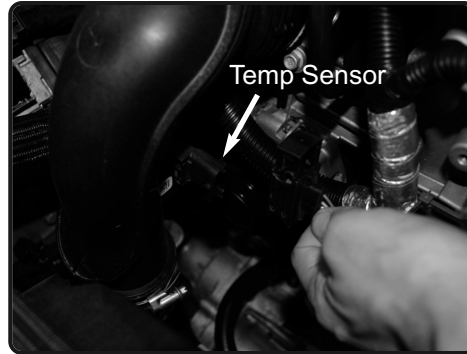
****IT IS IMPORTANT TO NOT USE ANY CLEANERS ON THE SUPERNANO-WEB MEDIA OR APPLY ANY OIL!!!***

NOTE: DISCONNECT BATTERY BEFORE INSTALLATION!!!

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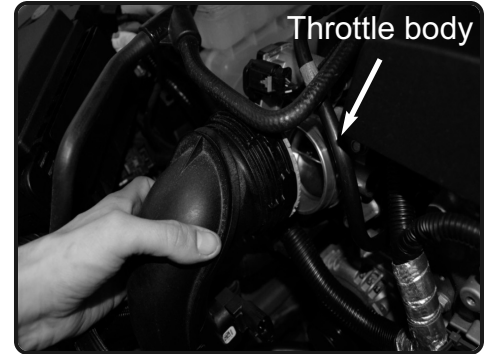
1. Stock intercooler pipes shown. Remove the intake system out of vehicle.



2. Disconnect the temperature sensor by lifting up the plastic security tab.



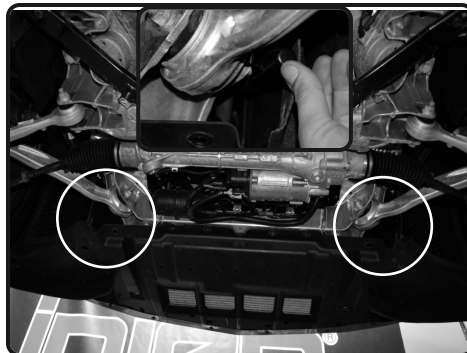
7. With a flathead screwdriver, locate the tab on grey plastic ring on throttle body, push the tab to the left, see arrow direction above.



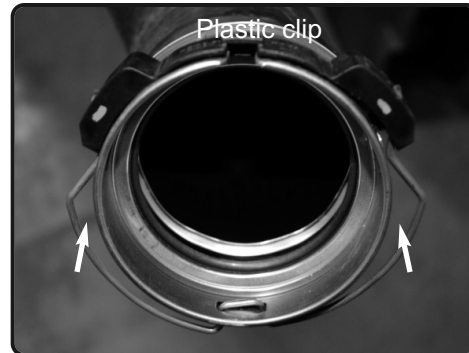
3. Now pull back the plastic intake tube from the throttle body.



4. Recommend vehicle to be on secured jacks or vehicle on lift. Loosen and remove the plastic push clips and screws. Remove the plastic engine splash guard.



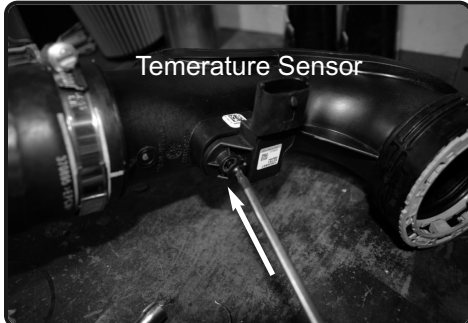
5. With a long Flathead screwdriver, locate the metal clip for the lower half of the intercooler pipe connected at the intercooler. See next image.



6. *Note: the arrows above indicate the where the flathead screwdriver needs to be inserted allowing clip to release from intercooler. The metal clip will lock into plastic clip for release.*



7. Once the metal clip is disconnected, pull back the intercooler tube and remove from vehicle.



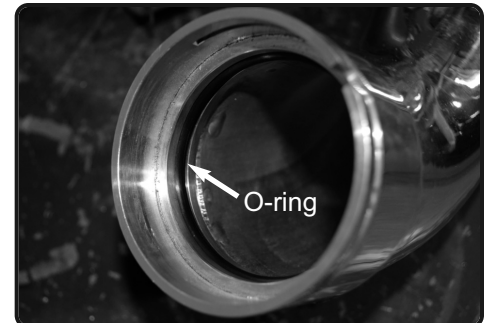
8. Loosen and remove the temperature sensor from the OEM intercooler



9. Install the temperature sensor into the new intercooler tube, secure and tighten using provided M6 screw. If the auxiliary NPT fitting is not being used, cap off using provided 1/8" NPT cap.



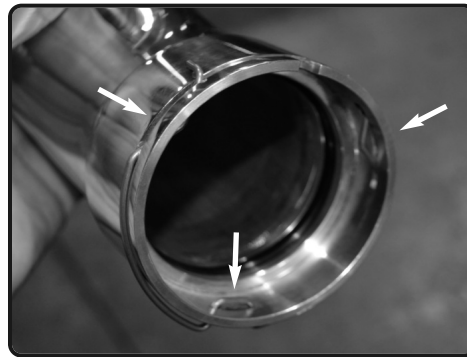
10. Install the provided o-ring to the machined fitting. locate the groove cut out and install.



11. Make sure the o-ring is seated in the groove properly.



12. Remove the metal plastic clip from the OEM intercooler pipe.



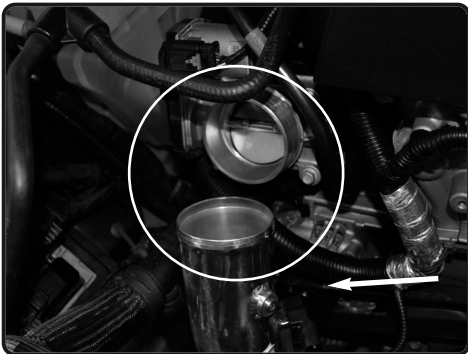
13. Install the metal clip into the new intercooler pipe. Locate proper seating.



14. Install the passenger side intercooler into the vehicle.



15. Make sure the cut out for lock is seated properly. make sure you hear the click of the metal clip and pull back to verify its secured properly.



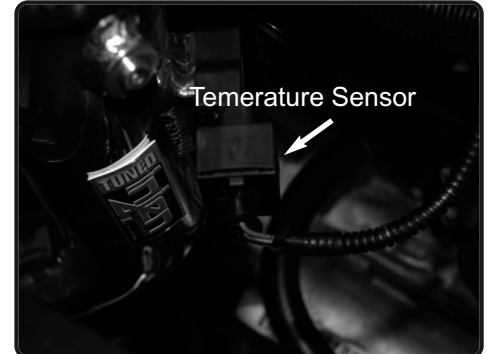
16. Passenger side intercooler is now installed and in position.



17. Install the elbow hose to throttle body and tube using provided clamps.



18. Position for best fit, secure and tighten the clamps.



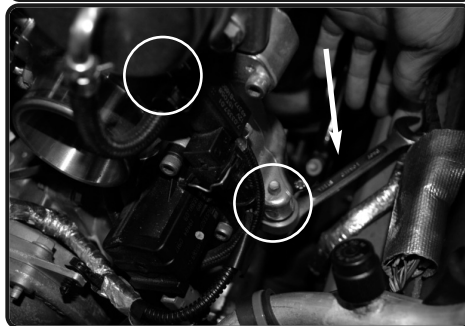
19. Re-connect the temperature sensor. Make sure clip is secured. Passenger side intercooler pipe is complete.



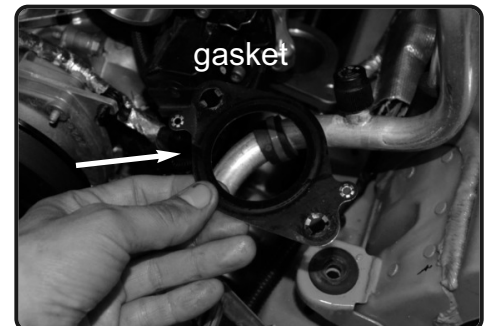
20. Remove the exhaust manifold cover using 10mm socket or wrench.



21. Remove the guard.



22. Loosen the 2 13mm bolts holding in the driverside intercooler pipe flange at the turbo using 13mm wrench.

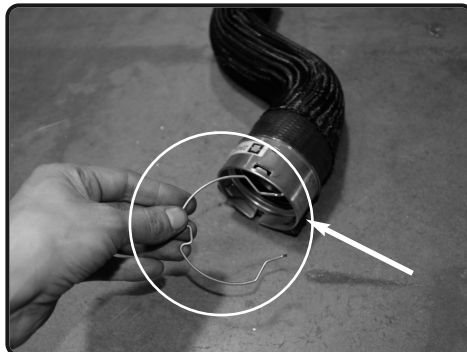


23. Save the gasket and bolts for later use. Keep the gasket when installed in same direction.

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24. Repeat steps 5-6. Remove the driver side intercooler out of vehicle sliding behind the turbo out. This may require to maneuver piping.



25. Repeat steps 10-13 and step 15 for the driver side installation of the intercooler pipe. This will be a 2 piece intercooler pipe.



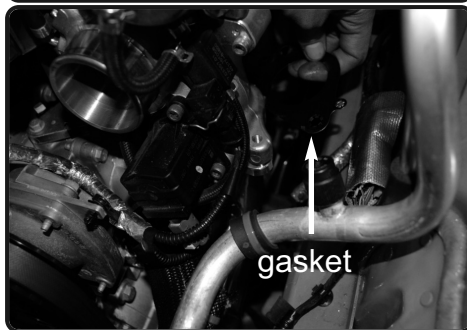
26. Install the intercooler pipe with machined fitting side first into same position, This may require to maneuver piping.



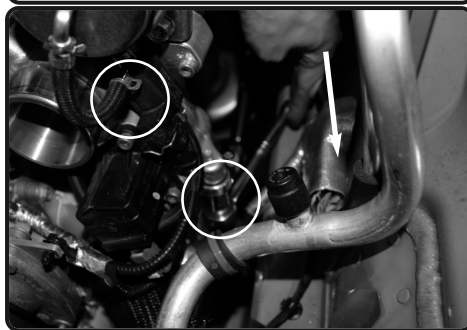
27. Once the machined fitting is secured into place, install the provided 2.5" hump hose with clamps provided to the intercooler pipe. Secure on intercooler pipe and tighten clamp.



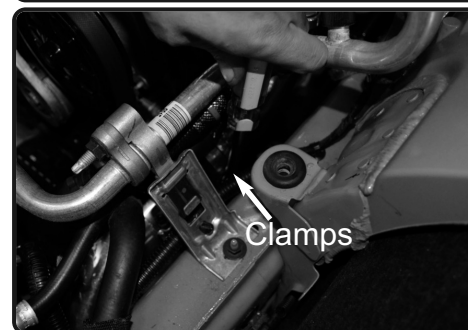
28. Now install the last intercooler pipe with turbo flange. Position the 2.5" side to the hump hose. Do not tighten clamp.



29. Position the flange to the turbo. Install the gasket from step 23. Secure using original 13mm bolts.



30. Tighten the 2 13mm bolts at the turbo using 13mm wrench.



31. Secure and tighten clamps using 8mm nut driver. Re-install guard, and intake system. Your intercooler pipe kit is now complete.



Congratulations! You have just completed the installation of this intercooler pipe system. Periodically, check the alignment of the intercooler pipes, 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 intercooler pipes 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.