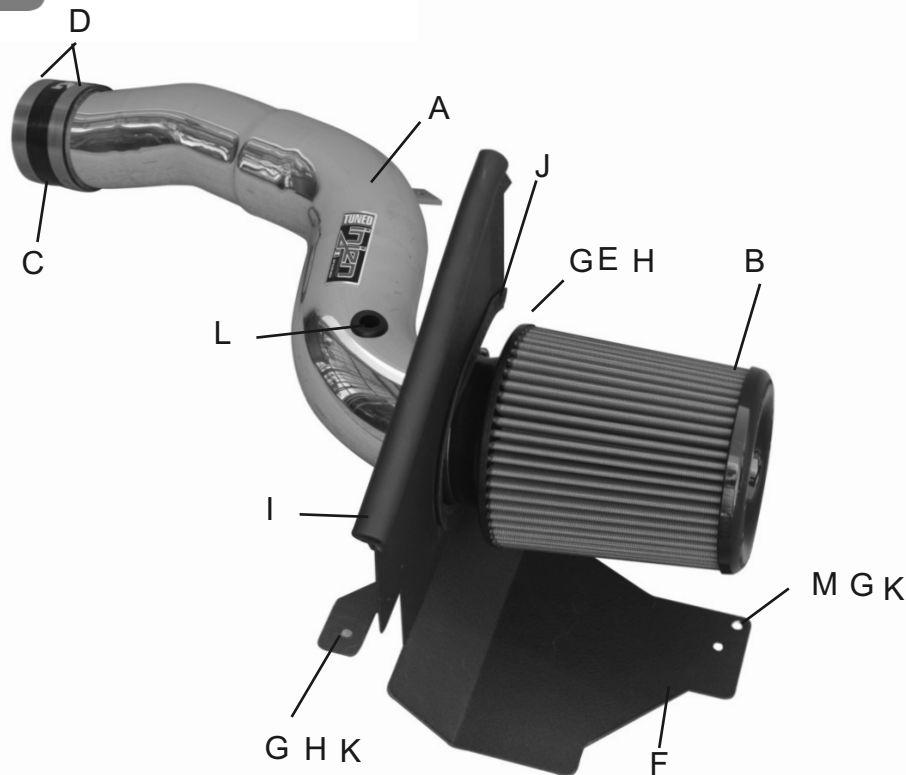




Vehicle Application:
 Make: **Ford**
 Model: **Focus RS**
 Year: **2016-2018**
 Engine: **2.3L Turbo 4cyl. AWD**



Item	QTY.	P/N	Discription
A	1	Y-SP9003	Short ram intake system
B	1	#1021	3.50 dry filter
C	1	#3045	3.25 straight hose
D	2	#4004	#48 clamps
E	1	#15023	M6 stand off stud
F	1	#11100	Heat shield
G	4	#6010	fender washer
H	2	#6002	M6 nut
I	1	#6058	Rubber trim @ 10.5" L
J	1	#6094	Bulb edge trim @ 13" L
K	2	#6006	M6 x 25 hex screw
L	1	#8002	grommet
M	1	#8042	nylon spacer

- TOOLS REQUIRED**
- 10mm Ratchet & Socket
 - 8mm nut drive
 - 2.5mm Allen key
 - Flat Blade Screwdriver
 - Phillips Screwdriver
 - Pliers/cutters

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

Note:

The C.A.R.B. Exempt sticker must be attached under the hood in a manner that is easily viewed by an emissions inspector.

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 features the Injen Technology logo at the top left. Below it are two side-by-side images comparing filter media: 'Existing media without Injen SuperNano-Web Technology' on the left and 'Superior Injen SuperNano-Web Technology' on the right. To the right of these is a large image of the SuperNano-Web filter media showing its pleated structure. Below the large image is a spider icon and the text 'A New Generation of Filters Designed to perform and filter like no other'. At the bottom right of the block is the text '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).

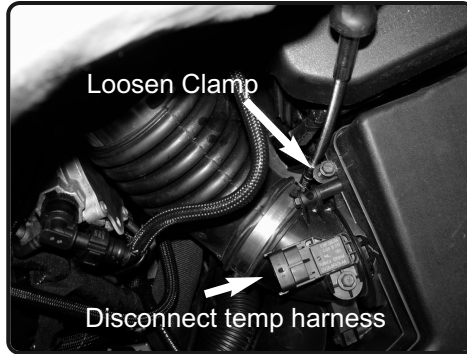
****IT IS IMPORTANT TO NOT USE ANY CLEANERS ON THE SUPERNANO-WEB MEDIA OR APPLY ANY OIL!!!***

NOTE: DISCONNECT BATTERY BEFORE INSTALLATION!!!

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1. Stock air box assembly shown in this picture. Disconnect battery before the install. Remove the engine cover.



2. Loosen the clamp on the upper part of the air box. Disconnect temperature sensor harness.



7. Locate the screw holding in the upper half of the stock intake tube. Loosen using 8mm nut driver or socket. Remove the screw.



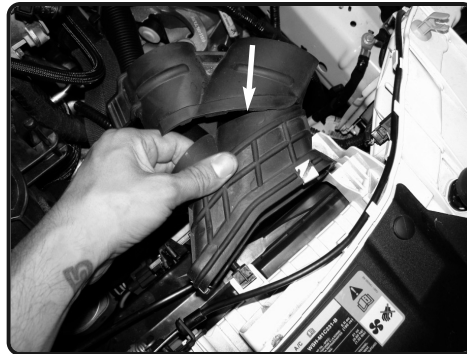
3. Loosen the clamp on the plastic turbo elbow. Remove the stock intake tube from the turbo elbow.



4. Carefully lift up and remove the stock intake tube from the vehicle.



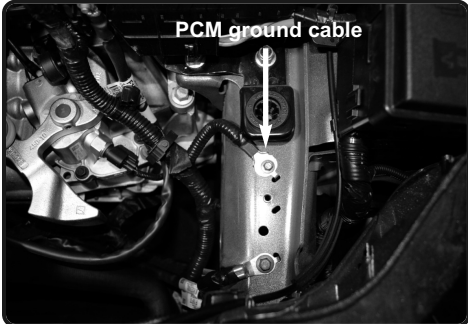
5. Lift up and carefully remove the stock air box.



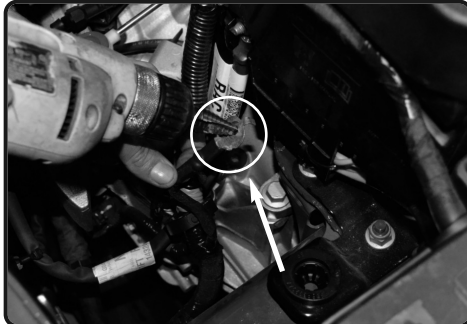
6. Now remove the rubber snorkel sleeve..



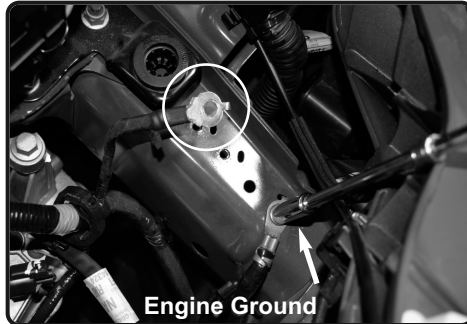
7. Install the bulb edge trim to the cut out on heat shield. Install the rubber trim to the top of the heat shield.



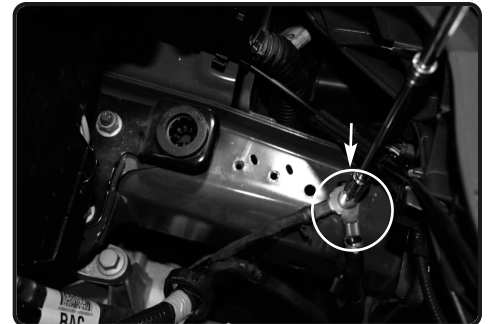
8. Locate the ground cable on vehicle frame. Loosen the screw holding in cable using 8mm socket or wrench and remove screw.



9. Drill hole on PCM cable to 3/8". Bend tab flat.

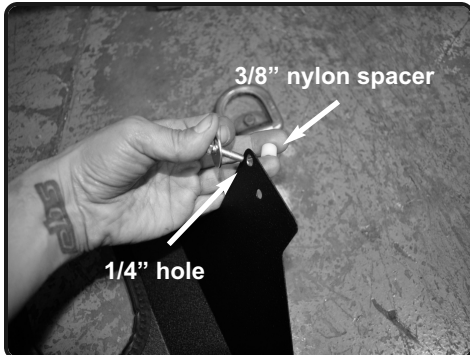


10. Loosen the engine ground using 10mm.

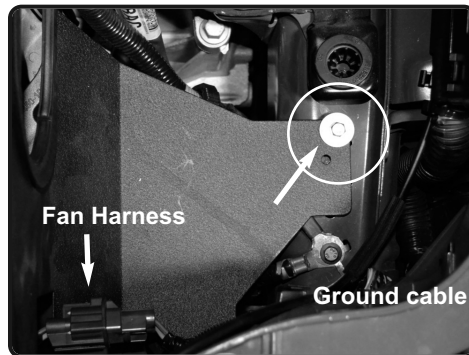


11. Secure the PCM to the top of the engine ground, tighten using original 10mm screw.

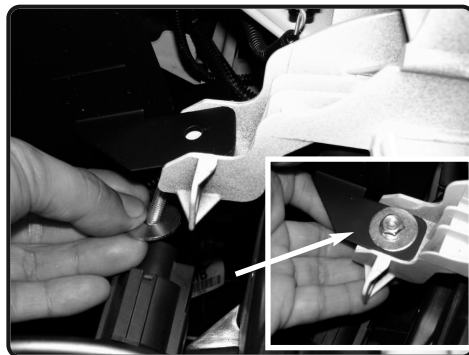
Instruction Manual P/N:SP9003



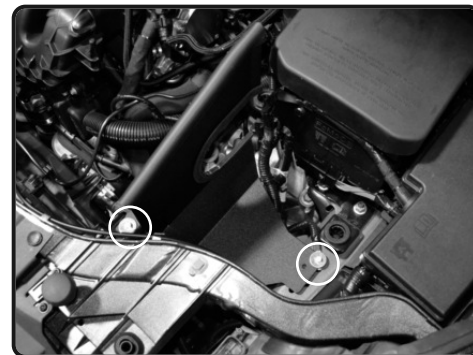
12. Locate the 1/4" hole on corner of heat shield.



13. With provided M6 screw and fender washer, install heatshield and secure to threaded insert from previous step. Use nylon spacer between heatshield and frame. Secure and tighten. **Note: Fan Harness can be un-clipped from black bracket for more clearance from heatshield.**



14. Secure the heatshield tab to the factory position air box bracket. Install the hex screw with fender washer bottom up. Secure the top of the tab using provided M6 nut and fender washer.



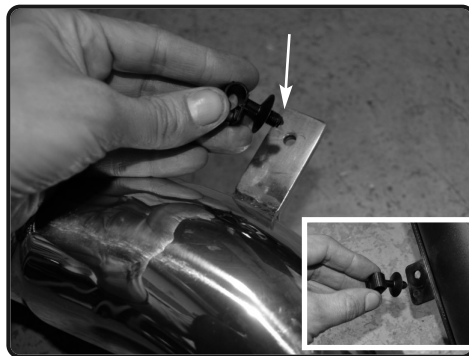
15. Once fitted properly, secure and tighten both screws using 10mm socket and wrench.



16. Install the M6 stand off stud to the grommet of OEM airbox mounting bracket.



17. Install the 2.25" straight hose with clamps to the intake tube. Do not tighten.



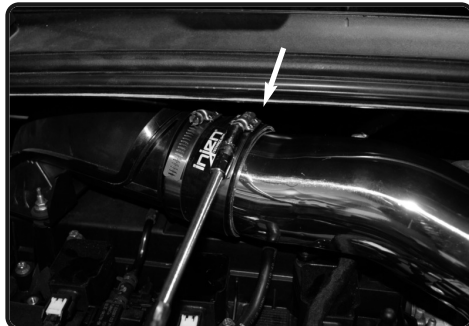
18. Remove the plastic clip that holds vacuum line from OEM intake tube and install to bracket on injen intake tube.



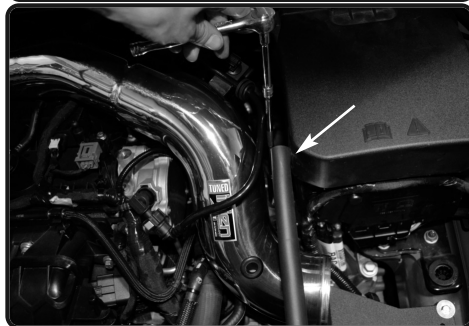
19. Install the grommet to the hole on intake tube. This will be used for temp sensor.



20. Install the intake and position the bracket to the stand off stud.



21. Tighten the clamp using 8mm nut driver. **Position for best fit and make sure tube is not touching anything.**

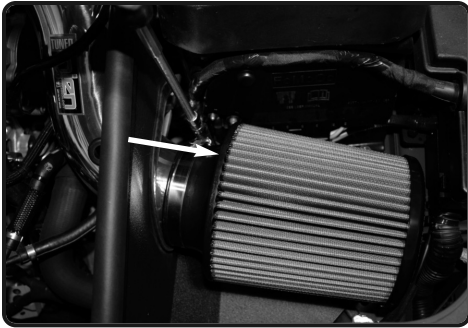


22. Secure the stand off stud using provided M6 nut and fender washer. Secure and tighten using 10mm socket and ratchet.

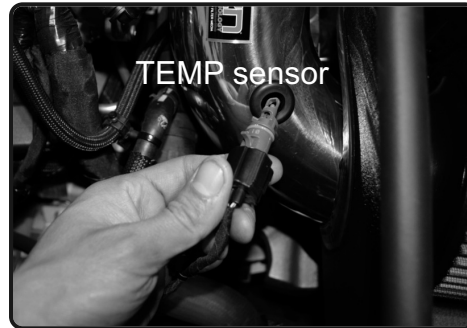


23. Secure the vacuum line to the clip from step 18.

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24. Install the filter and tighten using 8mm nut driver.



25. Remove the temperature sensor from the OEM airbox. Install to the grommet on intake tube and secure.



26. Re-install th engine cover.



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.