



Part number PF5022

**2011-2023 Dodge Durango R/T
2011-2021 Jeep Grand
Cherokee V8 5.7L**

- 1- PowerFlow Short Ram Intake System
 - 1- 5" High flow web/nano filter (#1046)
 - 1- heatshield (X-11136)**
 - 1- 5" adaptor (#6045)
 - 1- 3.5" hump hose (#3207)
 - 1- 4"x 3.5" stephose (#3203)
 - 3- Power-bands (.056) (#4005)
 - 1- Power-bands (.064) (#4006)
 - 4- M6 socket cap screws (#6056)
 - 2- M6 washer (#6010)
 - 1- M6x16mm hex screw (#6005)
 - 1- M6 Locknut (#6108)
 - 1- Intake Grommet (#8002)
 - 1- 4 page instruction
- CARB D-476-10**
2011-2019 models only

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



Tools required:

- 1- 8mm nut driver
- 1- 10mm socket
- 1- ratchet
- 1- phillips screwdriver
- 1- flathead screwdriver
- 1- 2.5mm allen key

Note: Injen strongly recommends that this system be installed by a professional mechanic.



Figure 1
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“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

Congratulations! You have just purchased the best engineered, dyno-proven cold air intake system available.

Please check the contents of this box immediately.

Report any defective or missing parts to the Authorized Injen Technology 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 the dealer you purchased this product from. Installation DOES require some mechanical skills. A qualified mechanic is always recommended.

*Do not attempt to install the intake system while the engine is hot. The installation may require removal of radiator fluid line that may be hot.

Injen Technology offers a limited lifetime warranty to the original purchaser against defects in materials and workmanship. Warranty claims must be handled through the dealer from which the item was purchased.

Injen Technology 244 Pioneer Place Pomona, CA 91768 USA

Please check the contents of this box immediately.

Note: This intake system was Dyno-tested with an Injen filter and Injen parts. The use of any other filter or part will void the warranty and CARB exemption number.

Warning: Manufactures attempting to duplicate Injen’s patented process will now face legal action.

MR Technology Step down process:

- 1- Calibration Method for Air Intake Tracts for Internal Combustion Engines. Covered under Patent# 7,359,795
- 2- Calibration Device for Air Intake Tracts for Internal Combustion Engines. Published and patent pending
- 3- Calibration Method and Device for Air Intake Tracts having Air Fusion Inserts Published and patent pending



Figure 2



Figure 2
Complete stock air intake cleaner and air intake duct.

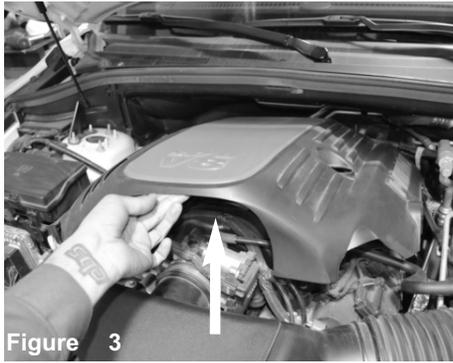


Figure 3
Lift up and remove the engine cover.

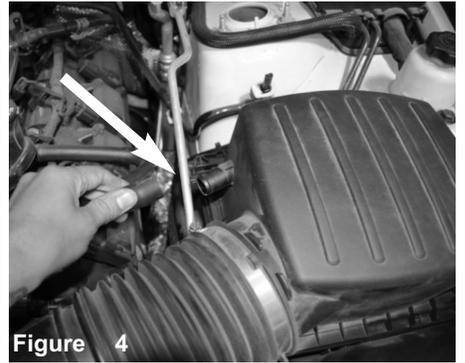


Figure 4
Pull back the crank case line from the air box.



Figure 5
Disconnect the Temperature sensor and remove the sensor from the intake tube.

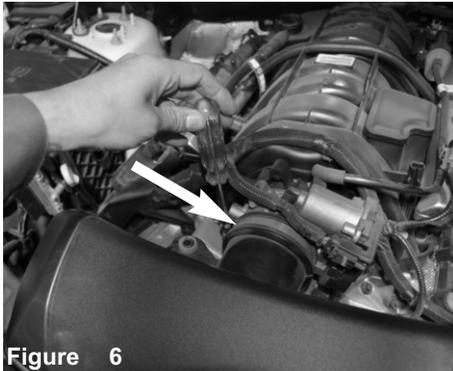


Figure 6
Loosen the clamp on the throttle body using 8mm nut driver.



Figure 7
Loosen the clamp on the air box.



Figure 8
Now lift up and remove the complete stock intake tube.

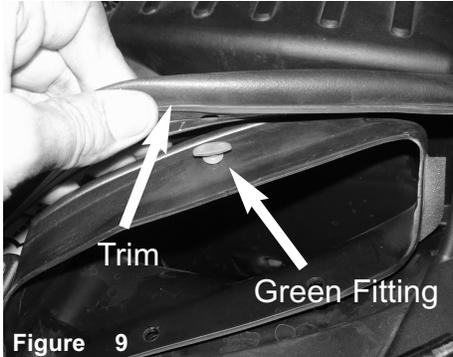


Figure 9
Carefully pull out the weather trim from the scoop, green fitting that can move from left to right.



Figure 10
Lift up and remove the air box assembly from the vehicle.



Figure 12
Install the provided 3.5" hump hose with clamps provided to the



Figure 13
Now tighten the clamp on the throttle body using 8mm nut driver. Secure and tighten.



Figure 14
Temporarily remove this 10mm bolt from the radiator support. This bolt will secure the Injen heatshield to the radiator support later in [figure 12](#).

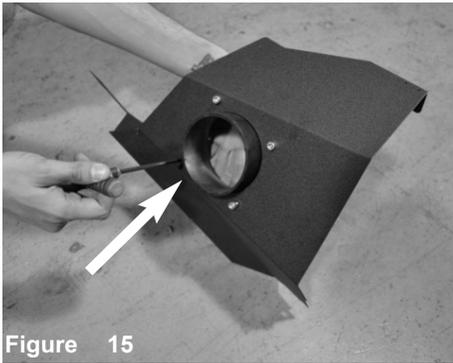


Figure 15
Secure the velocity stack to the heatshield with four M6 socket cap screws.



Figure 16
Place the filter onto the velocity stack and then secure the clamp.



Figure 17
Remove the OEM grommet from the OEM air box and place the grommet onto the mounting tab.



Figure 18
Lift up the plastic radiator support cover and slide the heatshield bracket under it to its mounting position. The mounting position will be the bolt from [figure 14](#). The heatshield will be secured later.

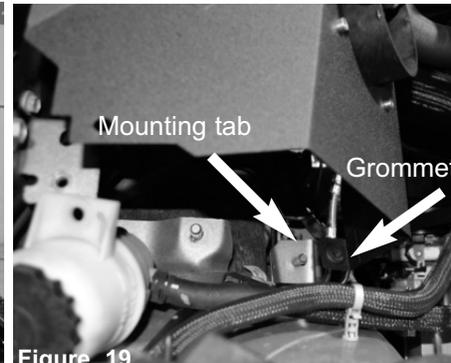


Figure 19
Place the grommet on the heatshield onto the O.E. air box mounting tab on the chassis. Use the power steering reservoir in the photo for reference to locate the mounting tab in the photo.



Figure 20
Secure the heatshield using provided M6 screw fender washers and M6 lock nut.



Figure 21
Line up the hole on the bracket of the heatshield to the location where the bolt was removed from [figure 6](#). Reuse the O.E. 10mm bolt to secure the heatshield bracket to the radiator support.



Figure 22
Attach the green tree push pin on the trim seal into the hole on the heatshield scoop inlet.

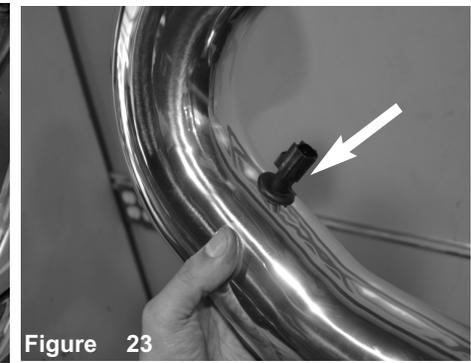


Figure 23
Remove the temperature sensor out of the OEM air box. Install grommet to the intake tube hole. Now install and secure the Temperature sensor to the grommet.



Figure 24
Install the intake tube into the vehicle. Position the tube to the adaptor and the hose on throttle body.

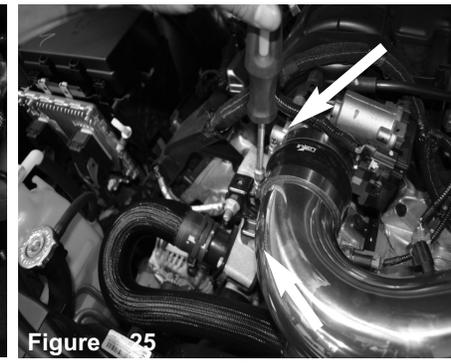


Figure 25
Position for the best fit, tighten all the clamps.

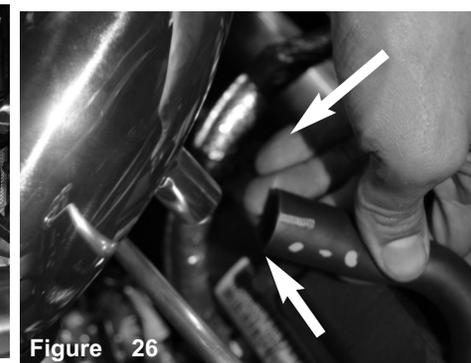


Figure 26
Re-connect the Crank case line.



Figure 27
Re-connect the Temperature sensor.



Figure 28
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.**

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.