



Part number PF5020

2011-15 Dodge Durango

**2011-2015 Jeep Grand Cherokee
V6 3.6L**

- 1- MR Tech 2 piece SR Intake System
- 1- 3-1/2" High flow web/nano fiber filter(#1021)
- 1- 3-1/8" straight hose (#3054)
- 1- 3" straight hose (#3044)
- 1- Grommet (#8002)
- 1- Bracket 2 hole (PF9022) (M-20092)**
- 4- Power-bands (.048) (#4004)
- 1- M6 vibra mount (#6020)
- 4- M6 washer (#6010)
- 5- M6 nut (#6002)
- 2- Hex screws M6x16 (#6005)
- 1- Hex screw M6x25 (#6006)
- 1- 8mm hose @ 11" Long (#3091)
- 1- 4 page instruction

This MR Tech Tuned intake system is designed to be used with original Injen parts.

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.



Figure 1
Page 1 of Part# PF5020



“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

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



Figure 2



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

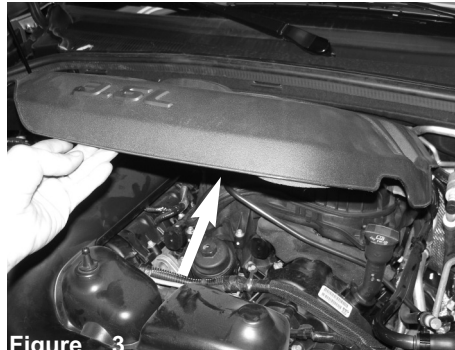


Figure 3
Lift up and remove the engine cover.

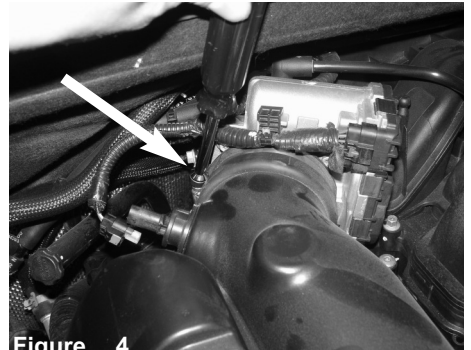


Figure 4
Loosen the clamp on the throttle body using 8mm nut driver.

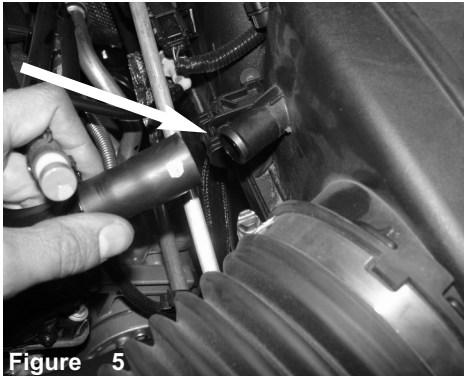


Figure 5
Pull back the crank case line from the air box.

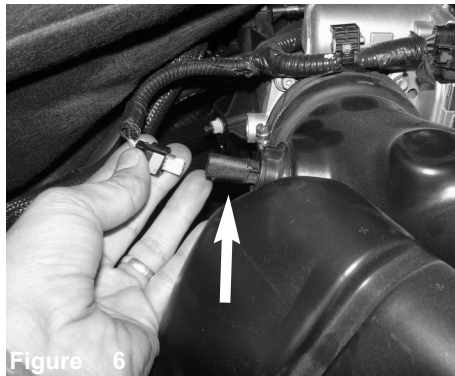


Figure 6
Disconnect the Temperature sensor.



Figure 7
Loosen the clamp on the air box.

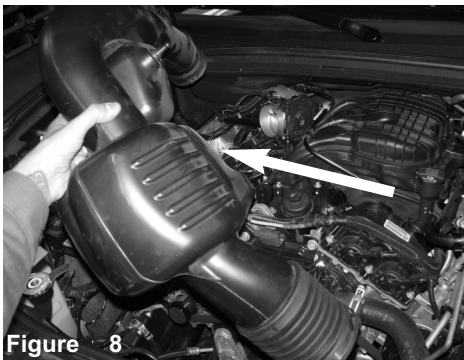


Figure 8
Now lift up and remove the complete stock intake tube.

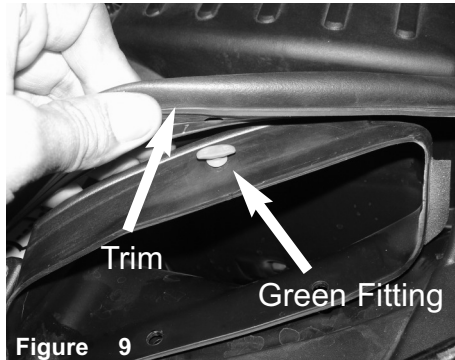


Figure 9
Carefully pull out the weather trim from the scoop, green fitting that can move from left to right.

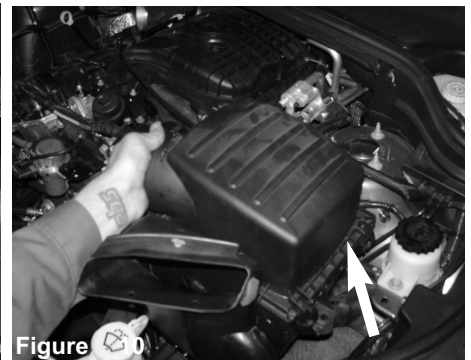


Figure 10
Lift up and remove the air box assembly from the vehicle

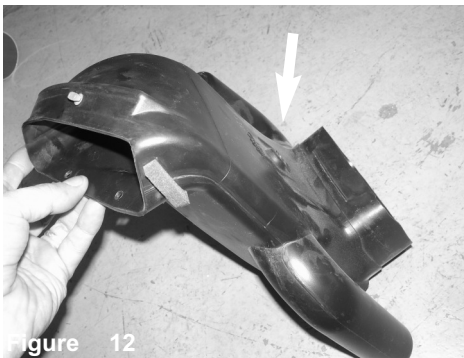


Figure 12
If desired, remove the stock scoop from the air box.
Note: The intake system can work with or without the scoop.

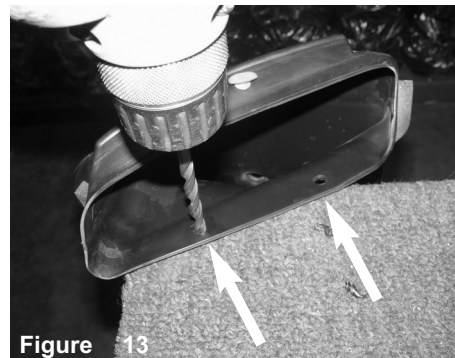


Figure 13
Locate the two holes that sit under the scoop on the radiator support when in factory position, mark the two holes on the scoop, drill the holes using 1/4" drill bit.

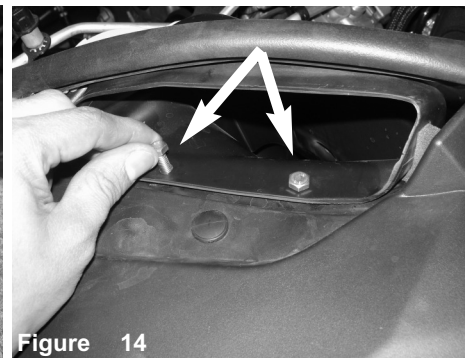


Figure 14
Now position the scoop, and secure using provided M6 hex screws and nuts provided.

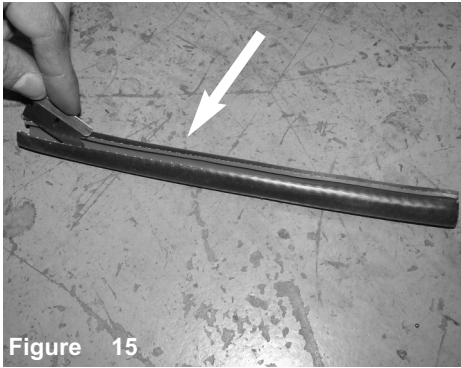


Figure 15
Slice the center of the 8mm hose using a blade or knife.



Figure 16
Place the hose on the A/C line that is located next to the engine. This will prevent any contact between the intake tube and the A/C line.

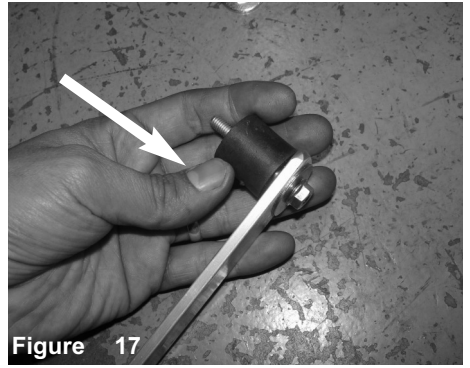


Figure 17
Attach the M6 vibra mount to the provided bracket and secure using M6 nut and fender washer. Tighten using 10mm socket or wrench.

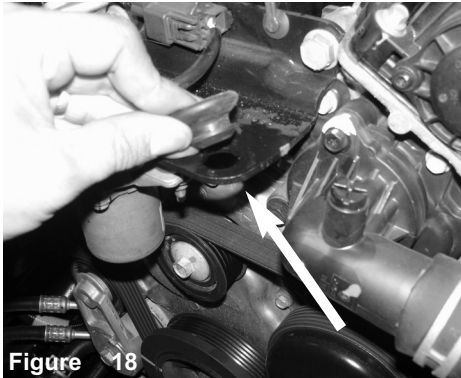


Figure 18
Locate the grommet that is on the engine bracket which the factory intake tube secures too and remove.



Figure 19
Position bracket like image above make sure that the stud on vibra mount is facing up.



Figure 20
Now secure using provided M6x25 hex screw washers and nut. Snug tighten the screw but do not tighten.

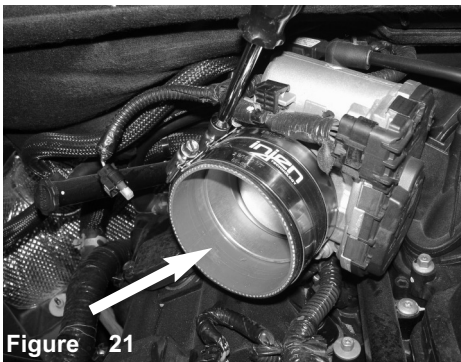


Figure 21
Install the 3-1/8" straight hose with clamps to the throttle body.



Figure 22
Turn and remove the temperature sensor.

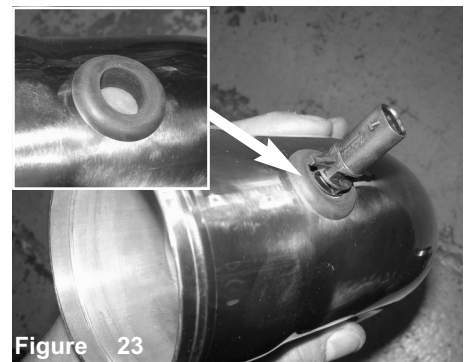


Figure 23
Install the grommet to the whole on the intake tube and secure the temperature sensor.



Figure 24
Install the upper intake tube assembly into vehicle and position. Do not tighten.



Figure 25
Install the 3" straight hose to the intake tube and tighten the clamp.

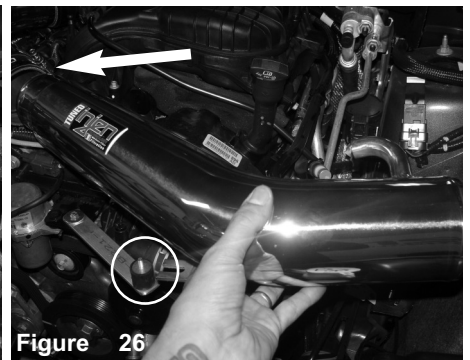


Figure 26
Install the lower intake tube assembly and position the bracket to the vibra mount from step 19. Do not tighten.



Figure 27

Secure the vibra mount using provided M6 nut and fender washer.

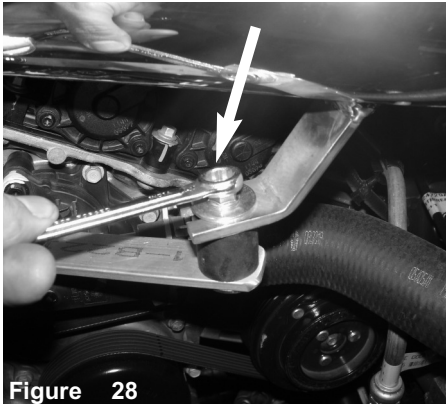


Figure 28

Position for best possible fit, make sure there is clearance between 5/8" - 3/4" from the A/C line and intake tube. Tighten using 10mm wrench.



Figure 29

Position and tighten the bracket on the engine using 10mm wrench.

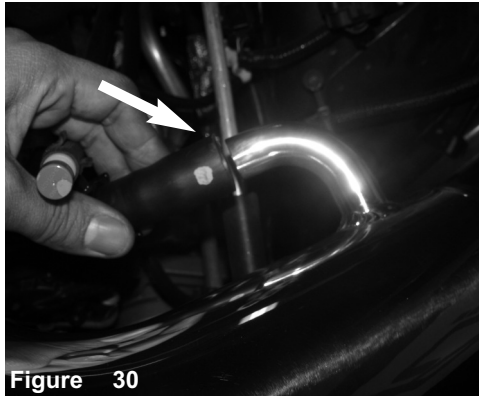


Figure 30

Connect the crank case line to the fitting on the intake tube and secure.

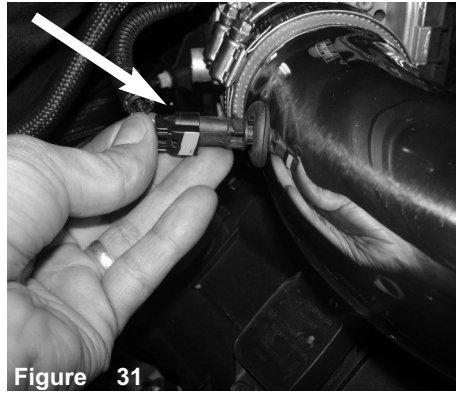


Figure 31

Re-connect the temperature sensor harness.

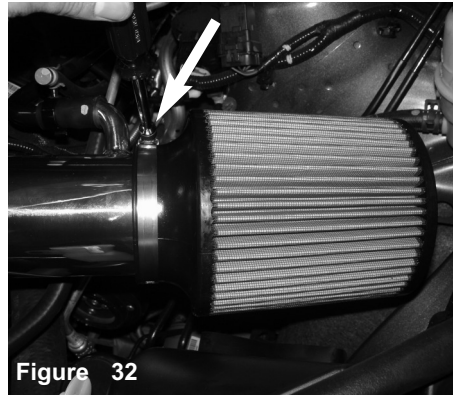


Figure 32

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



Figure 33

Align the entire intake for the best possible fit. Once you have rechecked and cleared the intake from all moving parts, continue to tighten all nuts, bolts and clamps.

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.