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POWER-FLOW By Injen Technology

"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

Part number PF5072

2011-2019Chrysler 300
2011-2023 Dodge Challenger
2011-2023 Dodge Charger
V6 3.6L

1- 2 piece MR Tech Intake System	
1- 3 1/2" High flow web/nano fiber filter	(#102
1- 3 1/8" Straight hose	(#3054)
1- 3 1/2" Straight hose	(#3037)
2- Power-bands (.048)	(#4004)
2- Power-bands (.056)	(#4005)
2- M6 vibra mount	(#6020)
2- M6 washer	(#6010)
3- M6 nut	(#6002)
1- Temp sensor Grommet	(#8002)
1- 10"-15mm Vacuum line	(#3079)
1- 8" Vinyl Trim	(#6058)
1- 18" Vinyl Trim	(#6058)
1- Heatshield	(#11109)

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.

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

Tools required:

1- 8mm nut driver
1- 10mm socket
1- ratchet

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

Figure 2

Complete stock air intake cleaner and air intake duct.

Figure 3

Lift up and detach the engine cover from the engine

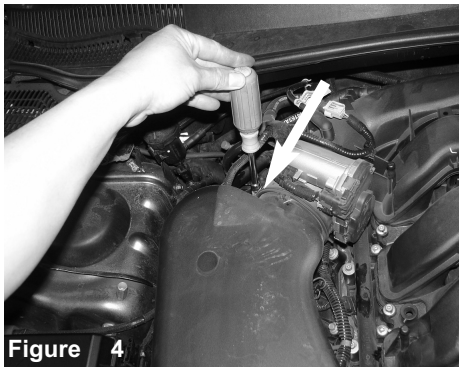


Figure 4

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

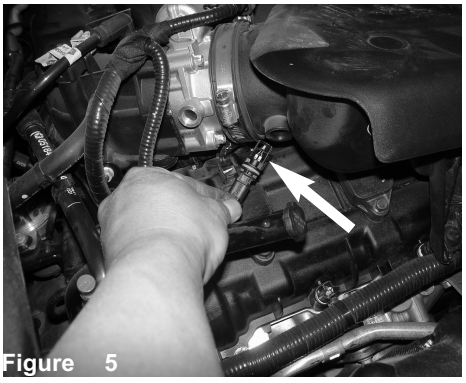


Figure 5

Rotate and twist the air temp sensor off of the air duct located on the left side of the throttle body.


Figure 6

Remove the air duct from the throttle body.

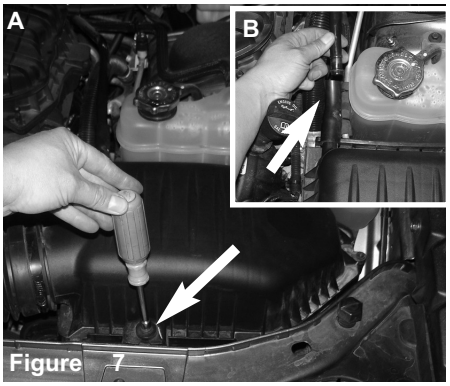


Figure 7

Figure A: Pull back the crank case line from the stock air box. ***Figure B:*** Disconnect the crank case breather line from the air box assembly

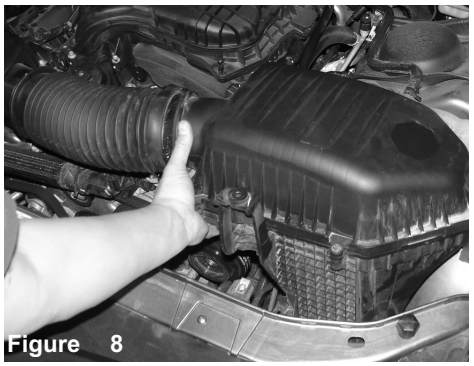


Figure 8

Now lift up and remove the complete stock air box assembly

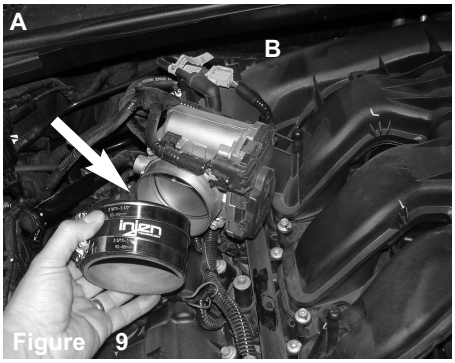


Figure 9

Figure A: Place the 3 1/8" straight hose and two #48 clamps onto the throttlebody. ***Figure B:***

Secure the clamp on the throttle body for now.

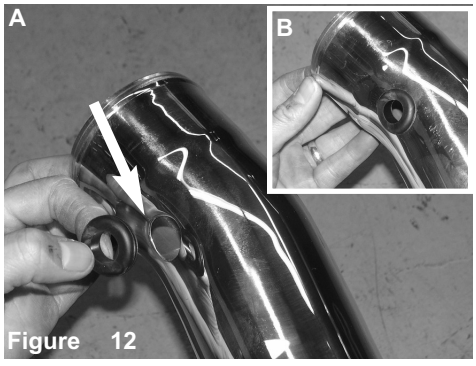


Figure 12

Figure A: Place the sensor grommet into the drilled hole located at the end of the intake pipe. ***Figure B:*** Grommet installed in hole

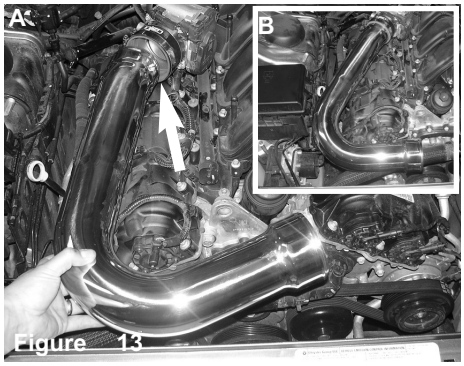


Figure 13

Figure A: Place the primary pipeinto the 3 1/8" hose located on the throttle body. ***Figure B:*** Pipe shown in proper position

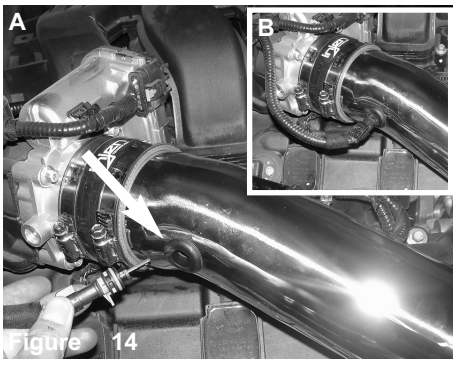
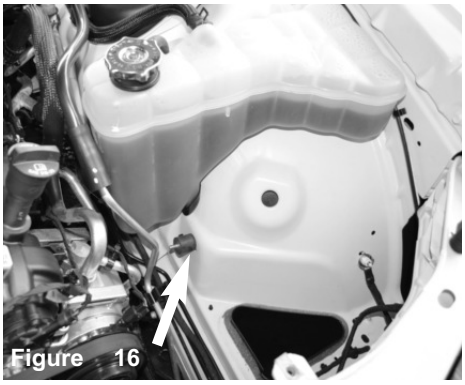


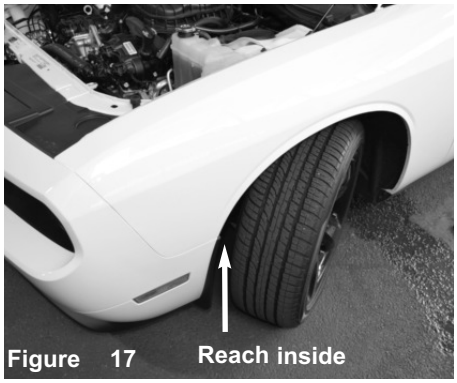
Figure 14

Figure A: Place the air temp sensor into the sensor grommet located near the throttle body. ***Figure B:*** Sensor plugged into grommet

Figure 1: Place the 3.50" straight hose over the end of the 3.50" flared tube. ***Figure 2:*** Tighten the clamp on the tube side only for now.

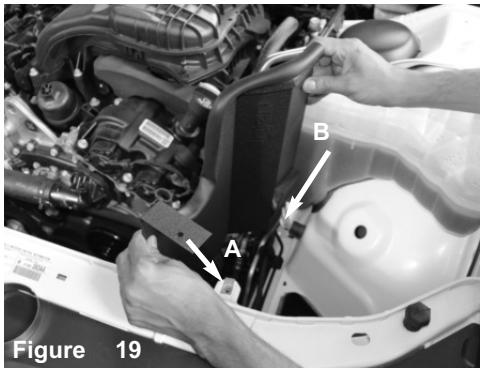


Place a vibramount on the pre-drilled hole on the inner wheel well in the engine bay. You will have to secure the vibra mount from the outer wheel well using a supplied M6 nut. Figure 17 will illustrate how

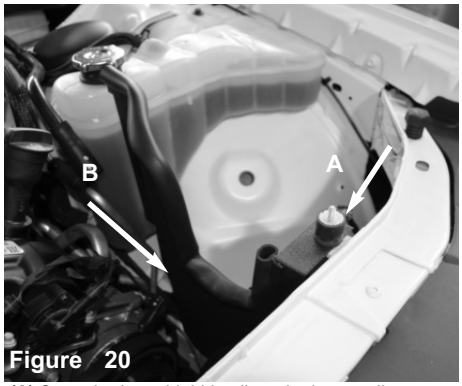


Turn the steering wheel to the left. This will give you access to the outer wheel well to secure the M6 nut to the vibramount from figure 16. No wrench neccessary, just turn the vibramount until it's snug.

Place the 8" vinyl trim onto the right side of the heatshield and the 18" vinyl trim onto the top side.



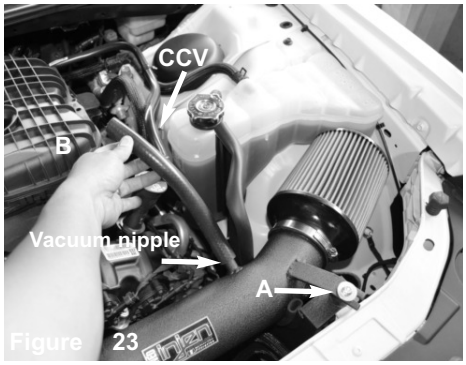
(A) Align the front heatshield tab to the bracket on the front radiator support. A vibramount will be used to secure them together in the next step. ***(B)*** Align the hole in the back of the heatshield to the vibramount from figure 16.



(A) Once the heatshield is aligned, place a vibramount onto the front heatshield bracket to secure it to the bracket on the front radiator support. ***(B)*** Use a M6 nut to secure the back of heatshield to the vibramount from figure 16.

Place the filter onto the bracket end of the secondary tube

(A) Position the other end of the secondary tube into the primary tube from figure 15 ***(B)*** Also, Align the Bracket on the secondary tube to the vibramount on the radiator support from figure 20.



(A) Use a M6 nut and fender washer to secure the intake bracket to the vibramount. Make your final adjustment and secure the clamp on the hose in figure 5 ***(B)*** Use the 10"-15mm vacuum hose and connect the vacuum nipple on the intake tube to the crank case vent tube

Re-install the cover.

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 mainentance 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.