



Part number PF5063

Make: Dodge

**2011-15 Chrysler 300
2011-17 Dodge Challenger
2011-17 Dodge Charger
5.7L V8**

Short Ram intake w/ Heatshield

- 1- 1 piece MR Tech Intake System
- 1- 4" High flow web/nano fiber dry filter(#1026)
- 1- Heatshield (#11109)**
- 1- 3 1/2" 90 deg. formed elbow (#3144)
with rubber **sensor grommet** (#8026)
- 2- Power-bands (.056) (#4005)
- 2- M6 vibra mount (#6020)
- 2- M6 washer (#6010)
- 3- M6 nut (#6002)
- 1- 8" Rubber Trim (#6058)
- 1- 18" Rubber Trim (#6058)

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.

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

Note: The installation of this air intake does require mechanical skills. Removal of the front bumper may be required. Removal of the front bumper requires loosening and removing several plastic plugs and screws that may be difficult. In addition to removing the bumper, you will also have to remove the air resonator box, battery and tray when beginning this installation.

MR Technology, "The World's First Tuned Intake System!"

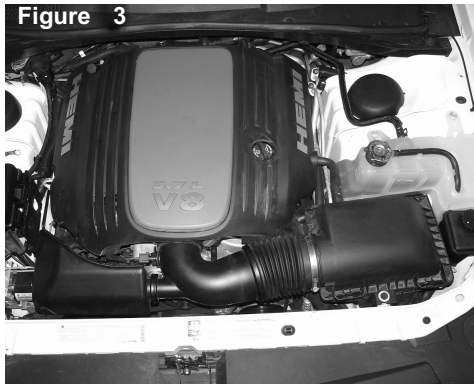
Optimum performance, Factory safe air/fuel ratio. (Patented)



Figure 1



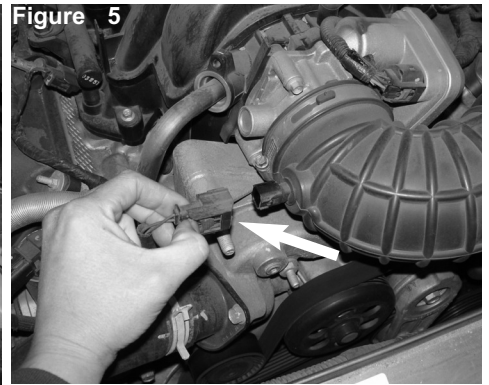
Figure 2



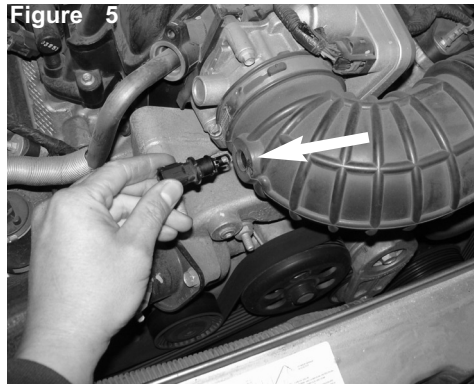
Stock air intake box and air intake duct shown above.



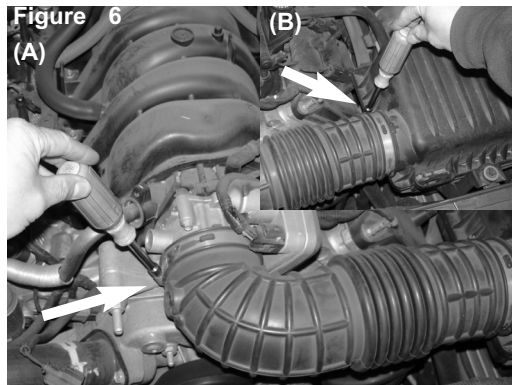
Lift up and remove engine cover.



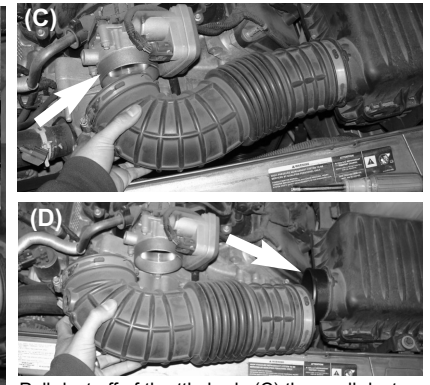
Once the engine cover is removed, disconnect the harness from the air temperature sensor



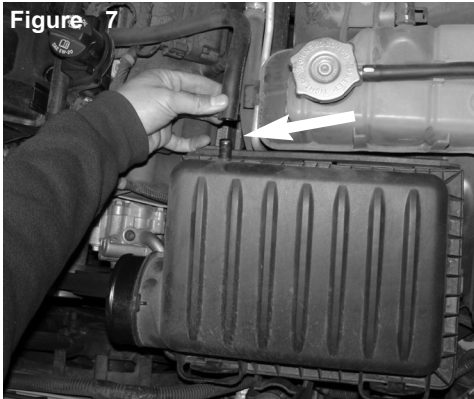
Firmly pull and remove air temperature sensor out of factory air duct



Loosen clamp on throttle body side air duct (A). Then loosen clamp on air box side of air duct. (B)



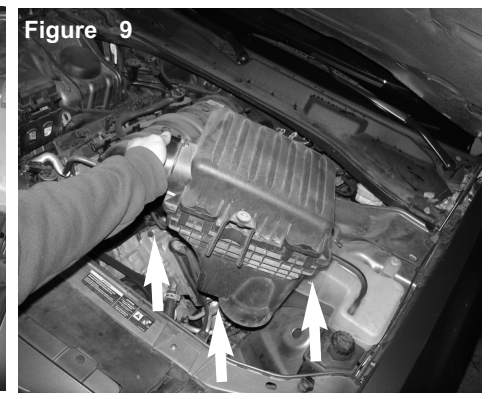
Pull duct off of throttle body (C) then pull duct off of air box (D) Remove entire air duct.



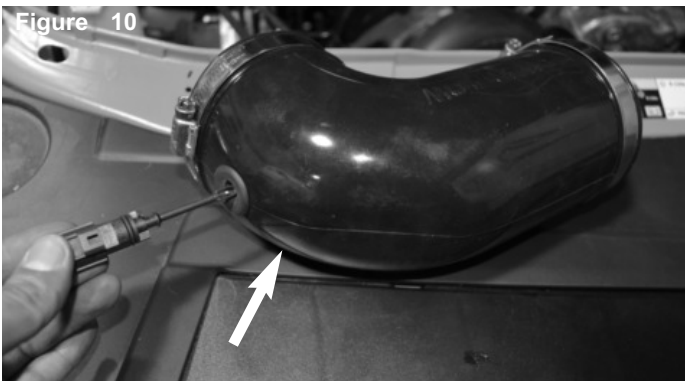
Remove breather line off of stock air box



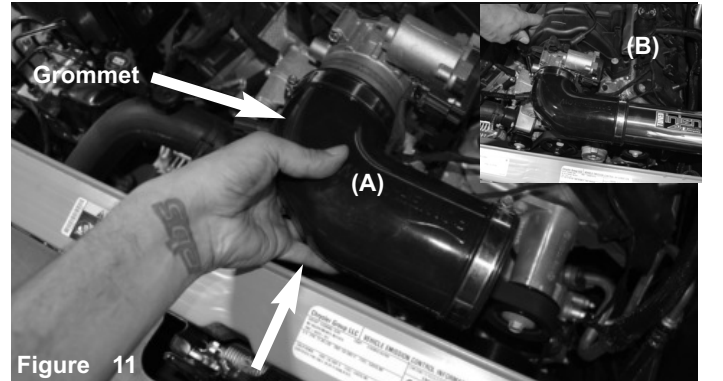
Use a 10mm socket with a 3/8 ratchet and remove the 10mm bolt mounting the factory air box to the radiator support.



Lift up and remove entire factory air box.



From step 5, install the temperature sensor into the new injen elbow. Make sure the sensor sits flush and is completely inside.



Install the elbow with clamps provided to the throttle body. Make sure the short side with grommet is on the throttle body. (A) (B)

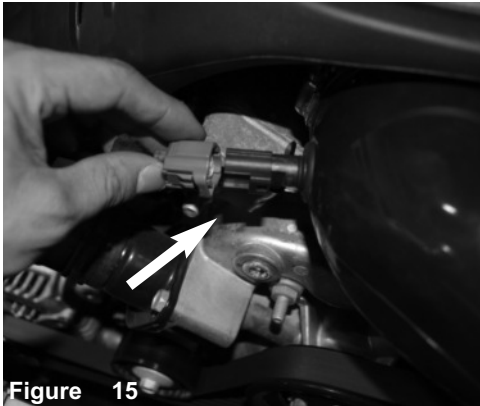


Figure 15
Connect the temperature sensor harness.

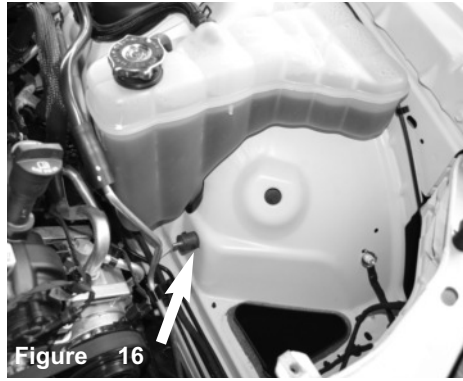


Figure 16
Place a vibramount on the pre-drilled hole on the inner wheel well in the engine bay. You will have to secure the vibra mount from the outer wheel well using a supplied M6 nut. Figure 17 will illustrate how

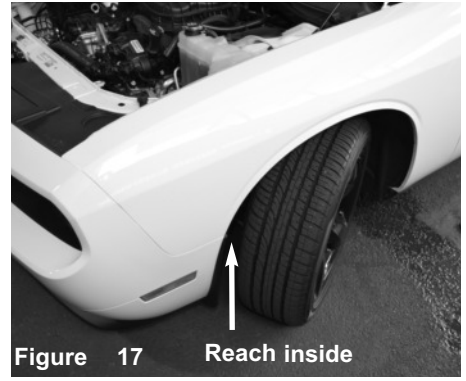


Figure 17 Reach inside
Turn the steering wheel to the left. This will give you access to the outer wheel well to secure the M6 nut to the vibramount from figure 16. No wrench necessary, just turn the vibramount until it's snug.



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

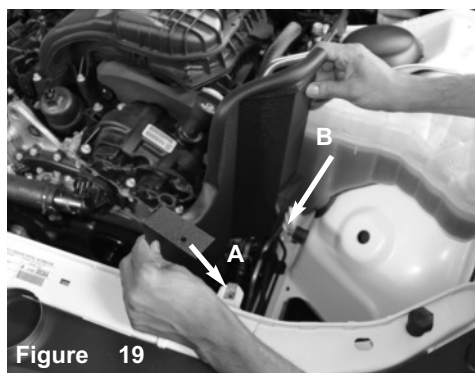


Figure 19
(A) Align the front heatshield tab to the bracket on the front radiator support. A vibramount will be used to secure them together in the next step. (B) Align the hole in the back of the heatshield to the vibramount from figure 16.

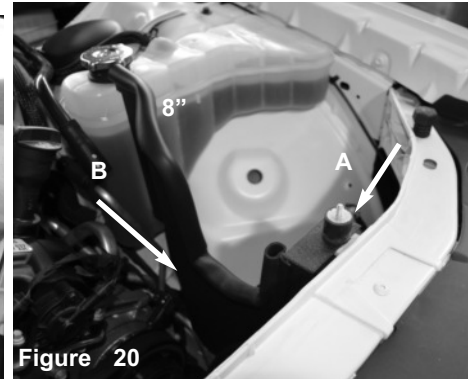


Figure 20
(A) Once the heatshield is aligned, place a vibramount onto the front heatshield bracket to secure it to the bracket on the front radiator support. (B) Use a M6 nut to secure the back of heatshield to the vibramount from figure 16.

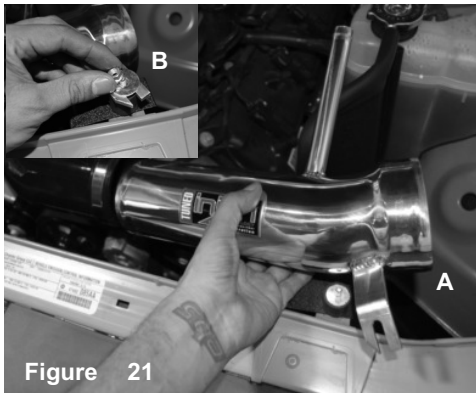


Figure 21
A) Install intake tube and position the bracket to the vibramount and tube to the elbow. B) Secure the bracket using provided M6 nut and fender washer.

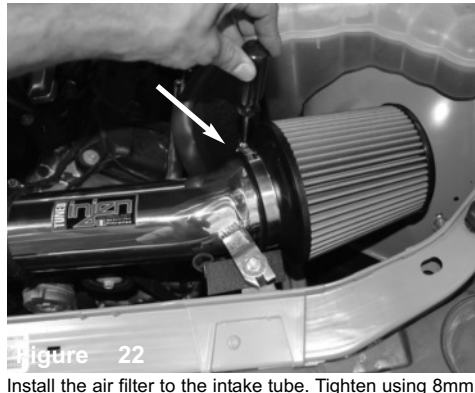


Figure 22
Install the air filter to the intake tube. Tighten using 8mm nut driver.

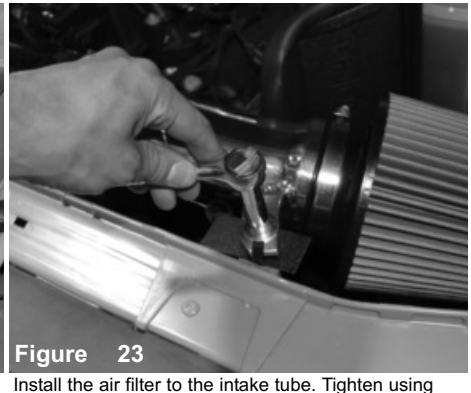


Figure 23
Install the air filter to the intake tube. Tighten using 8mm nut driver. Secure and tighten the bracket using 10mm socket and ratchet.



Figure 24
Connect the crank case line to the fitting on intake tube. Re-install the cover.



Figure 25
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.