



Tools required:
 1- 8mm nut driver
 1- 10mm socket
 1- ratchet

Part number PF5071

**2011-12 Chrysler 300
 2011-12 Dodge Challenger
 2011-12 Dodge Charger
 V6 3.6L**

- 1- 2 piece MR Tech Intake System
- 1- 3 1/2" High flow web/nano fiber filter(#1021)
- 1- 3 1/8" Straight hose (#3054)
- 1- 3 1/2" Straight hose (#3037)
- 2- Power-bands (.048) (#4004)
- 2- Power-bands (.056) (#4005)
- 1- M6 vibra mount (#6020)
- 1- M6 washer (#6010)
- 1- M6 nut (#6002)
- 1- Temp sensor Grommet (#8002)
- 1- 10"-15mm Vacuum line (#30791)
- 4 page instruction

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

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 285 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



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.

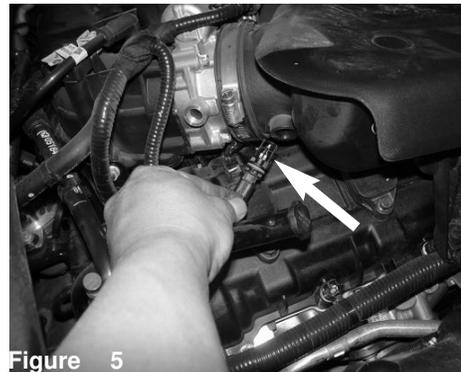


Figure 5
Rotate and twist the air temp sensor off of the air duct located on the left side of the throttle body.

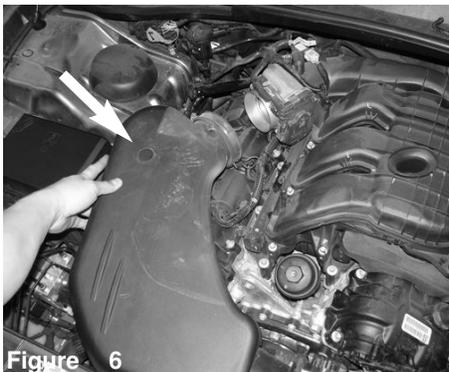


Figure 6
Remove the air duct from the throttle body.

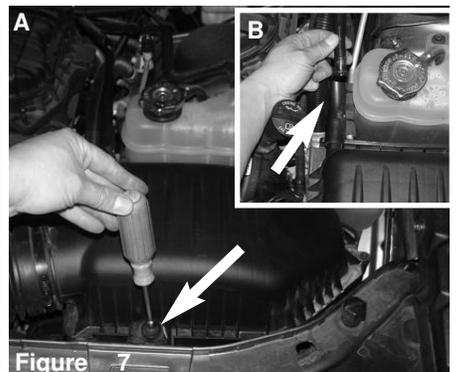


Figure 7
Figure A: Pull back the crank case line from the stock air box. **Figure B:** Disconnect the crank case breather line from the air box assembly

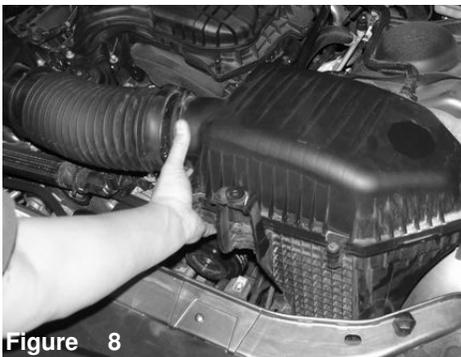


Figure 8
Now lift up and remove the complete stock air box assembly

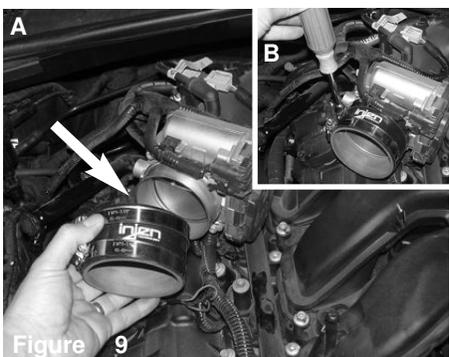


Figure 9
Figure A: Place the 3 1/8" straight hose and two #48 clamps onto the throttle body. **Figure B:**

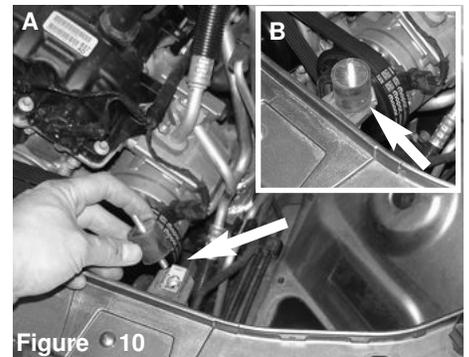


Figure 10
Figure A: Place the vibra mount onto the threaded clip where the stock air box assembly was attached to from figure 7. **Figure B:** Vibramount mount to threaded clip

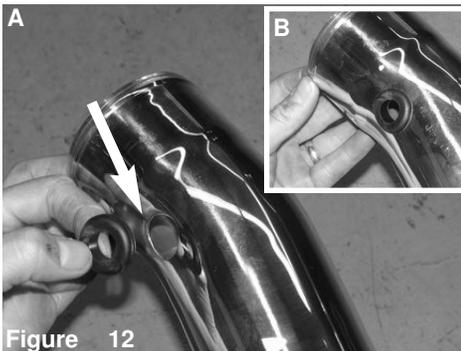


Figure 12
Figure A: Place the sensor grommet into the drilled hole located at the end of the intake pipe. **Figure B:** Grommet installed in hole

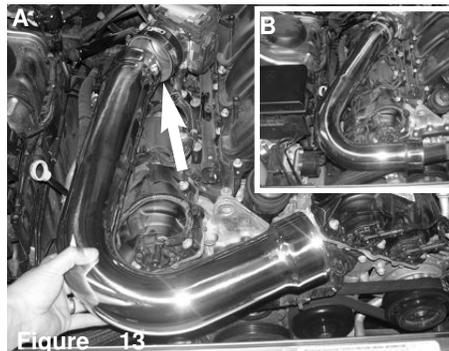


Figure 13
Figure A: Place the primary pipe into the 3 1/8" hose located on the throttle body. **Figure B:** Pipe shown in proper position

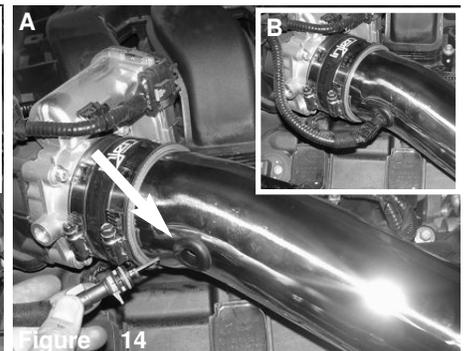


Figure 14
Figure A: Place the air temp sensor into the sensor grommet located near the throttle body. **Figure B:** Sensor plugged into grommet

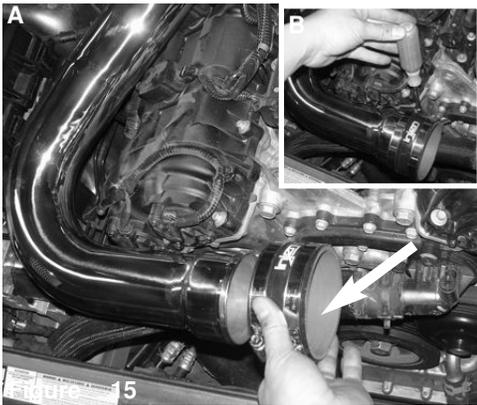


Figure 1: Place the 3.50" straight hose over the end of the 3.50" flared tube. **Figure 2:** Tighten the clamp on the tube side only for now.

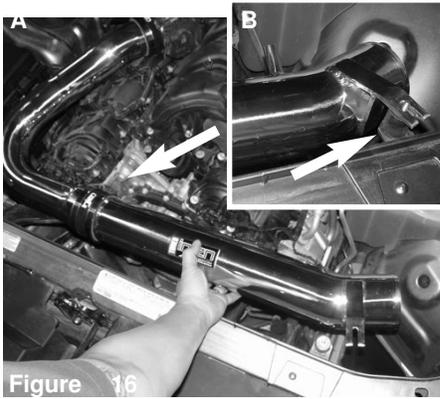


Figure 16: Position the secondary tube to the primary tube. **Figure B:** Position the secondary pipe bracket to the vibra mount from figure 10



Figure 17: Once the intake has been adjusted for best fitment, continue to tighten the clamp on the secondary tube to secure it to the primary tube

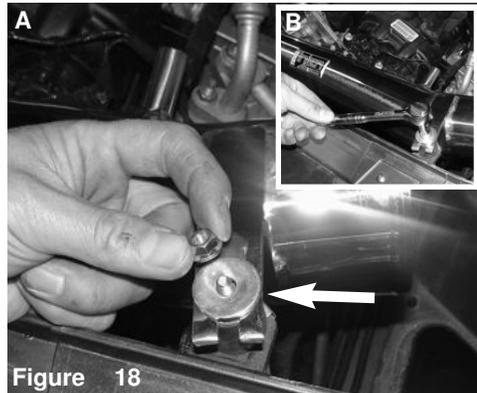


Figure A: Place a M6 nut and fender washer onto the intake bracket located on the vibramount. **Figure B:** Use a 10mm socket and ratchet to tighten the M6 nut to the bracket



Figure A: Place the filter onto the end of the intake pipe. **Figure B:** Use a 8mm nut driver and secure the clamp to the filter

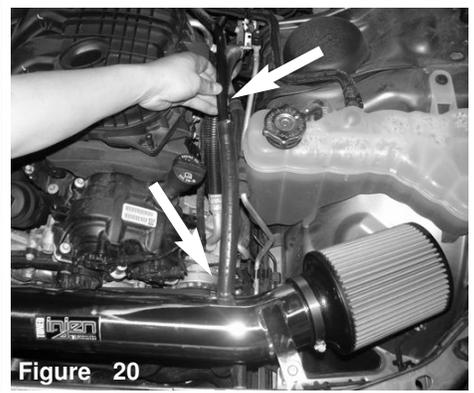


Figure 20: Connect the 15mm vacuum hose to the nipple on the intake pipe and the other end to the plastic crank case breather line



Figure 21: Re-install the cover.



Figure 20: 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.