



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

**Part number PF5004**  
**2012-17 Jeep Wrangler JK**  
**V6 3.6L**

- 1- 1 piece MR Tech Intake System
- 1- 3-1/2" web/nano fiber dry filter (#1021)
- 1- 3 1/2"-3 1/4" step hose (#3140)
- 1- Power-bands (.048) (#4004)
- 1- Power-bands (.056) (#4005)
- 1- M6 stand off stud (#15023)
- 1- M6 nut (#6002)
- 1- Fender washer (#6010)
- 1- Temp sensor Grommet (#8002)
- 2- Black zip ties (#8014)
- 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 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)**

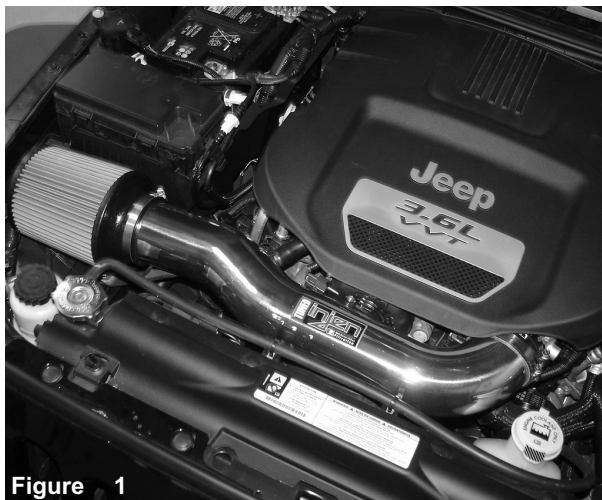


Figure 1

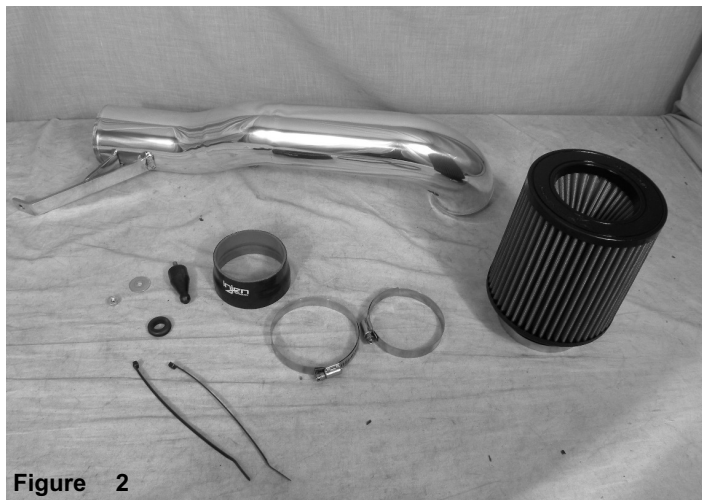


Figure 2



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



Figure 3 Lift up and detach the engine cover from the engine

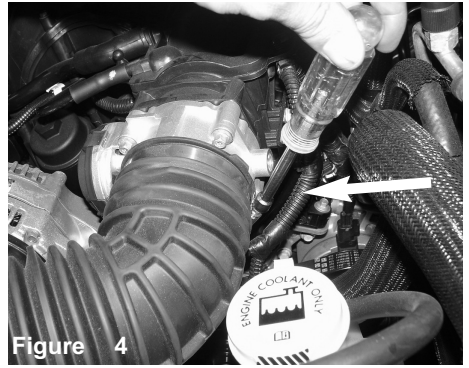


Figure 4 Loosen the clamp on the throttle body using 8mm nut driver.



Figure 5 Loosen the clamp on the air box using 8mm nut driver.

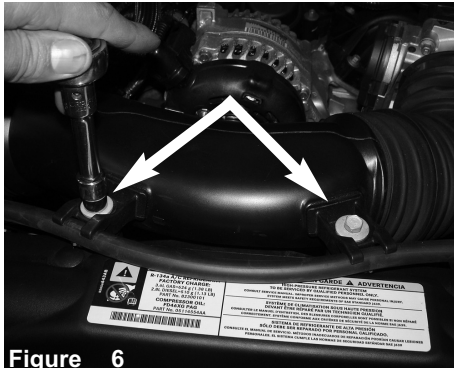


Figure 6 Loosen the 2 bolts holding in the stock intake tube using 10mm socket and ratchet.



Figure 7 Carefully pull of the intake tube. **Note: Temp harness still connected. See next step.**

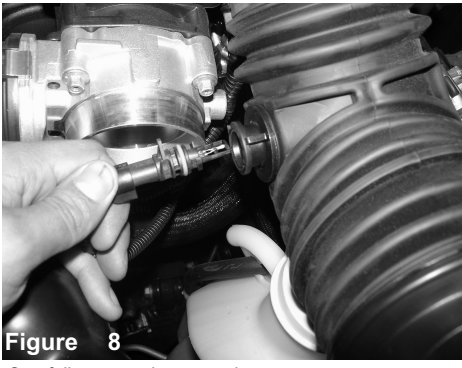


Figure 8 Carefully turn and remove the temp sensor.



Figure 9 Pull back the crank case line from air box fitting.



Figure 10 Lift up and remove the stock air box out of vehicle.



Figure 12 Now install the step hose with clamps provided to the throttle body. Tighten the clamp on the throttle body using 8mm nut driver.



Figure 13 Now install the stand off stud to the factory grommet.

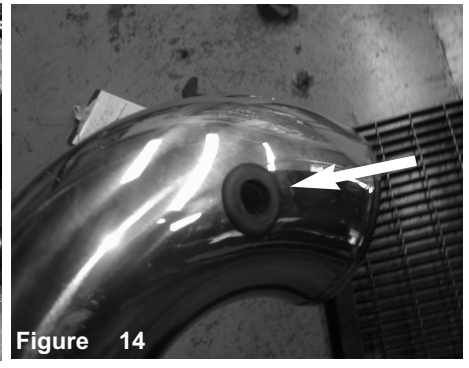


Figure 14 Install the grommet to the hole on the intake tube. This will be used for the temperature sensor.

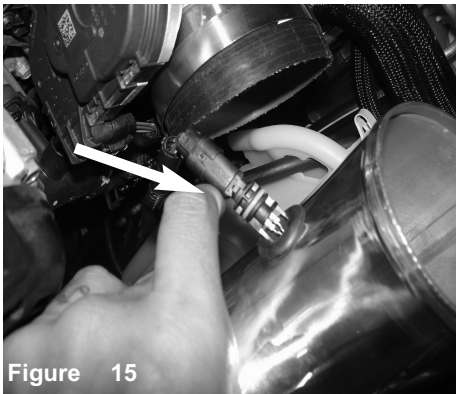


Figure 15

Install the intake tube and position to the throttle body and powerflow box. Install the temperature sensor inside the grommet and secure. **Make sure the harness is connected.**

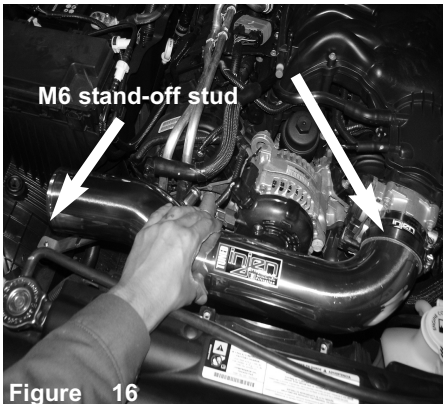


Figure 16

Install the intake tube and position the bracket to the stand off stud from step13 and to the throttle body.



Figure

Secure the bracket to the stand off stud using provided m6 nut and fender washer. Tighten using 10mm socket and ratchet.

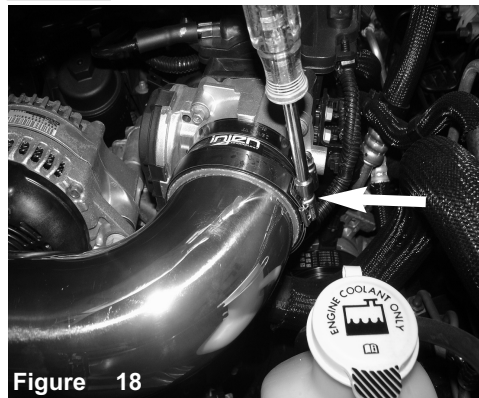


Figure 18

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

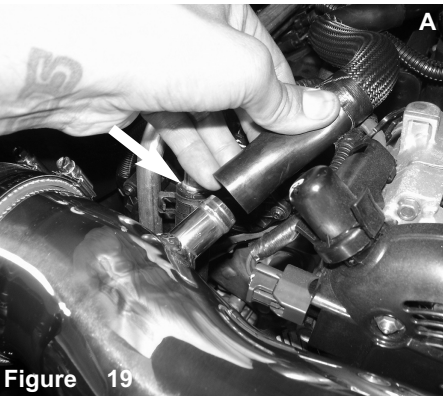


Figure 19

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

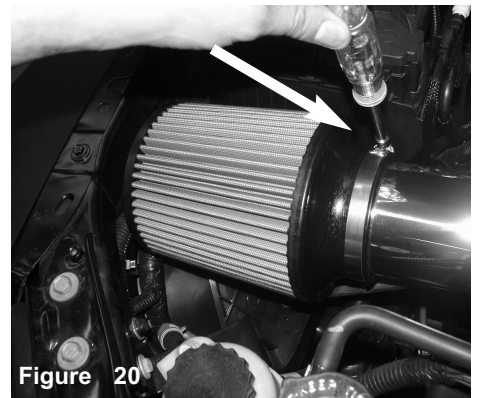


Figure 20

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



Figure 21

Secure the coolant line using provided zip ties. Install the engine 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.