



**Part number PF5010**  
**Jeep Grand Cherokee WK**  
**2005-2010 3.7L V6**

- 1- MR Tech Power-Flow intake (SR)
- 1- Web **Nano/fiber** dry filter (#1021)
- 1- Elbow hose (#3013)
- 1- Rubber grommet (#8002)
- 2- Power-band (.048) (#4004)
- 1- Vibra mount M6 (#6020)
- 1- Fender washer M6 (#6010)
- 1- Nut M6 (#6002)
- 1- 15mm hose @ 16"L (#3079)
- 1- Heat shield (#11037)
- 3- Heat shield clamps (#4010)
- 3- 1/2 hex bolts (#6019)
- 1- 4 page installation instructions.

**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.**



**“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.**

Parts and accessories are available on line at “Injenonline.com”

**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.**



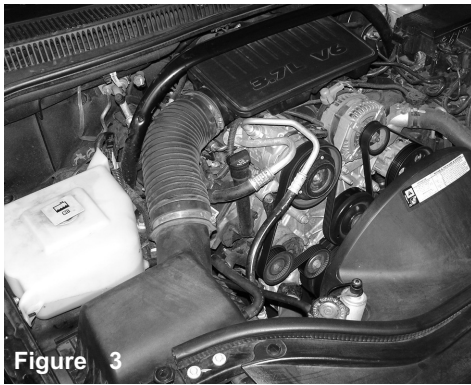


Figure 3  
Stock air intake box and air intake duct shown above.

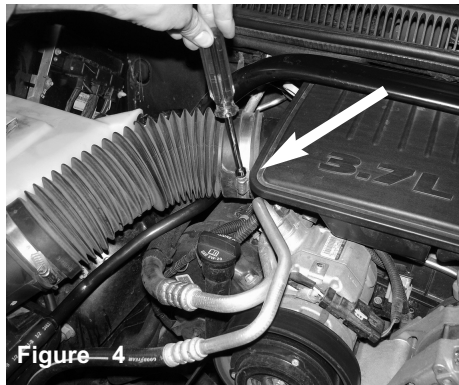


Figure 4  
Loosen the clamp on the resonator box using 8mm nut driver.

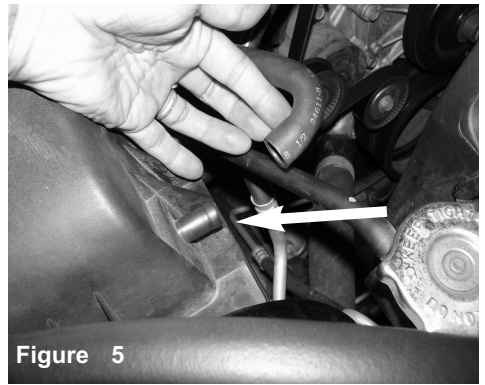


Figure 5  
Pull back the crank case line from the air box.

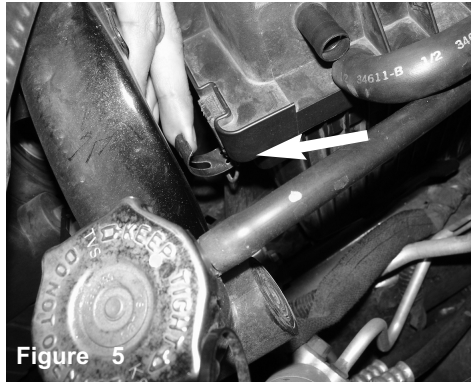


Figure 5  
Un-clip the upper half of the air box.

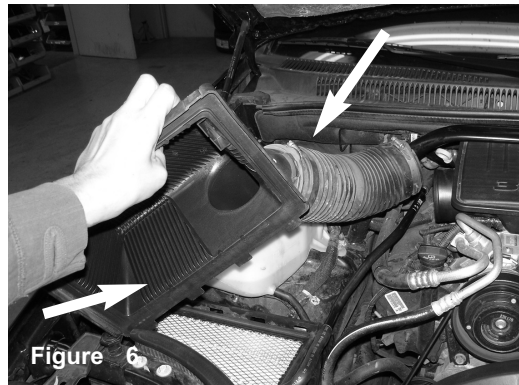


Figure 6  
Lift up and pull the upper half of the air box assembly.

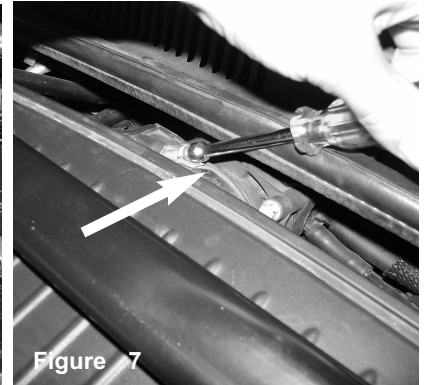


Figure 7  
Loosen the clamp on the throttle body.



Figure 8  
Disconnect the temperature sensor harness.



Figure 9  
Lift up and pull the air box resonator out of vehicle.

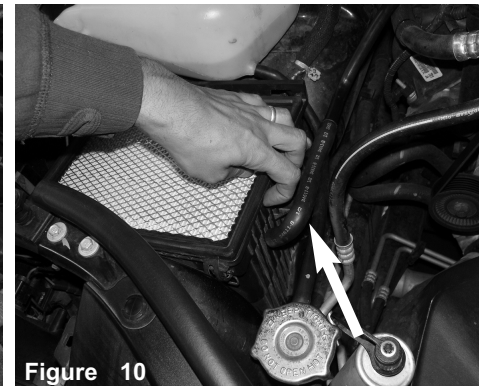


Figure 10  
Lift up the bottom half of the air box



Figure 11  
Lift up the bottom half of the air box and remove from vehicle.

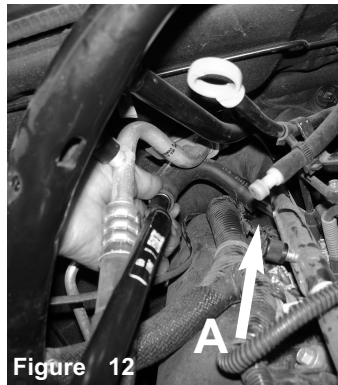
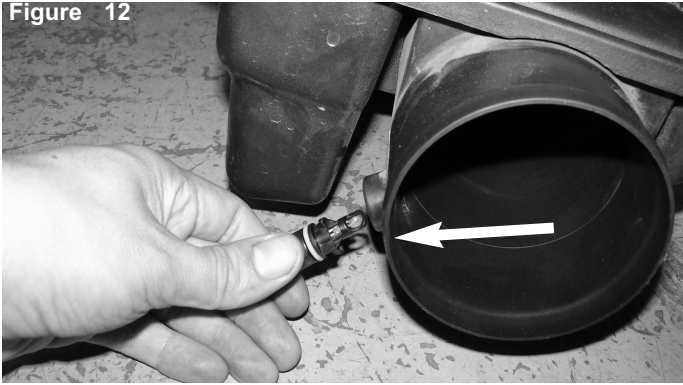


Figure 12  
A) Carefully pull the crank case line away from the engine.



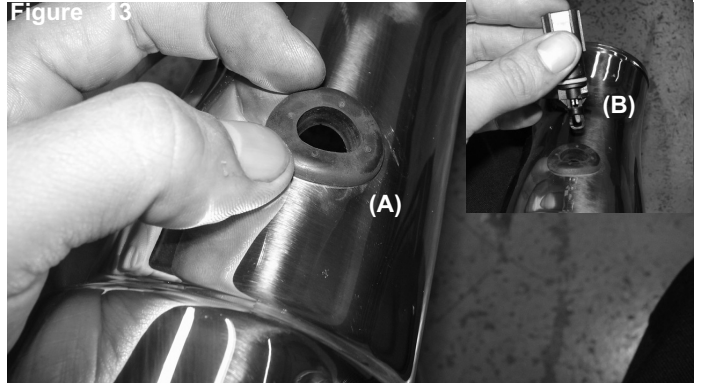
B) Remove crank case from engine.

Figure 12



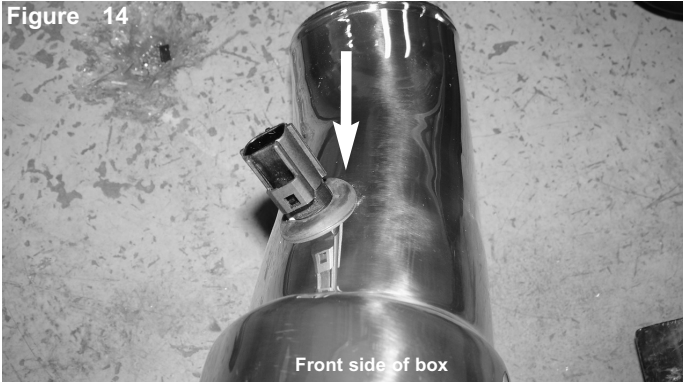
Carefully turn then pull out the temperature sensor out of resonator box.

Figure 13



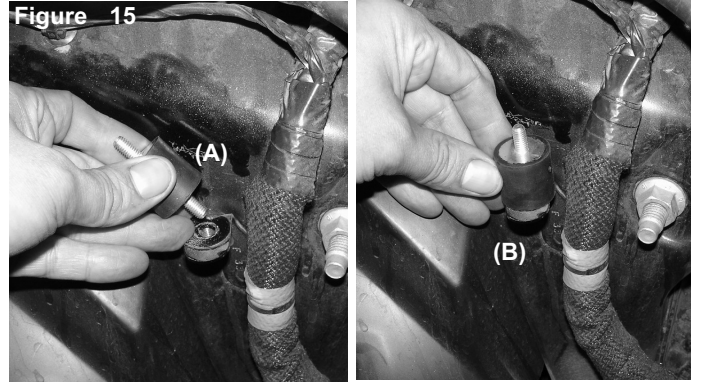
Locate the sensor grommet in this kit and press it into the pre-drilled hole as shown above (A). Continue to press the sensor grommet into the pre-drilled intake hole until the top sits flush with the intake out side radius (B). Install the temperature sensor into the grommet.

Figure 14



Temperature sensor should sit nice and secure in the grommet, shown above.

Figure 15



A) Install the provided M6 vibra mount to the threaded insert located next to the radiator reservoir.  
B) Secure and tighten the M6 vibra mount.

Figure 16



Install the 2-3/4" side of elbow hose with clamps provided to the throttle body.

Figure 17



Position the hose so that it does not hit the support brace.

Figure 18



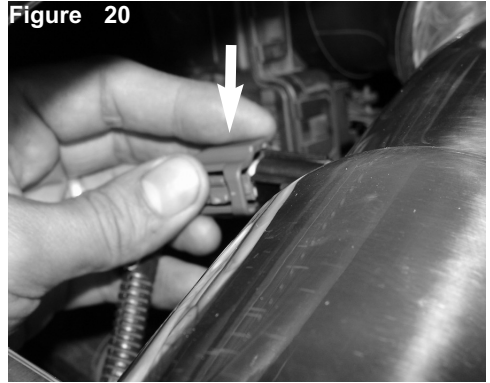
Install the new provided 15mm hose to the fitting on engine side.

Figure 19



Position the intake tube to the elbow hose and bracket to the vibra mount.

Figure 20



Connect the temperature sensor harness.