



Congratulations on the purchase of Trail Head Off Road’s Jeep Cherokee TJ/LJ Cowl Intake true Cold Air kit. **Please read these instructions completely before starting the installation.** Some steps may need prior preparation.

Parts list

Heat shield	1
Reusable performance air filter	1
Silicone 2.5”- 3” elbow	1
Main power tube	1
Stainless steel mounting clamps	3
Self tapping screws	4
Rubber grommet	1

Tools required: #2 Phillips head screwdriver, drill motor with Phillips bit, cutting tools; an air body saw or 4.5” grinder with a cutoff wheel works great.

Step 1: Part Removal

Remove the factory airbox and assembly

Step 2: Marking and cutting

Pre fit the air filter heat shield and mark the side mounting and outside area this will give a reference for where to cut into the cowl. Measure twice and cut once. Place template against body lines at cowl with top against the top lip of the firewall)

Align template to rise to cowl verify the heat shield opening is centered on the template (fig 1).



Fig1

Cut a hole approximately 4.5” diameter, the filter will be accessible from the engine compartment fig 2.1-2.3



Fig2.1



Fig2.2



Fig2.3 - you can bend this lower lip down or completely remove it

Step 3: Installation

Fit all components loosely for initial installation, heat shield on short end of tube then clamp filter on and silicone adapter on opposite tube end. Using petroleum jelly or other lubricant will help installing and adjusting the silicone elbow. – **Note you will install the kit from the engine compartment, the extra depth of the heatshield is necessary to clear wiper assembly see pictures below.**



Fig 3.1



Fig 3.2



Fig 3.3



Install silicone elbow end onto throttle body, the silicone is a tight fit so again petroleum jelly or other lubricant helps with adjusting.



Make sure that nothing is hitting and make the necessary adjustments then tighten all clamps.

Separate the main ground wire from the loom and re-route to the driver side factory ground (fig 3). On some models you will need to extend the driver side ground to the passenger side ground at the firewall this may require the ground to be extended approximately 10” (fg 4).



Fig 3 – Main battery cables

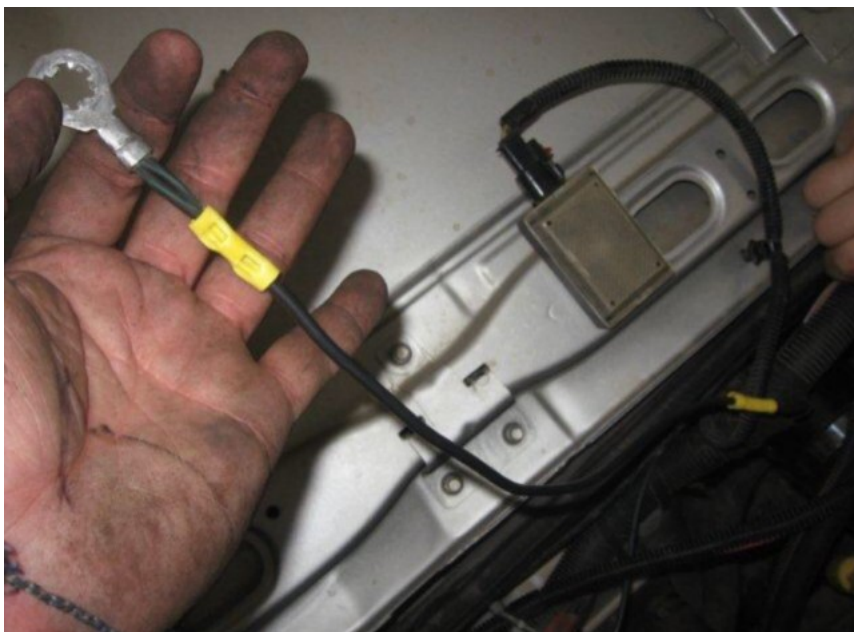


Fig 4 - extended ground wire from passenger to driver side with extension

On some later models you will need to drill a hole in the main intake tube and to mount your air temperature sensor using the included rubber grommet fits hole size 3/4" (fig 5).



Fig 5

Start the vehicle and check for leaks, you will notice a rushing sound at startup, this is normal.

For technical or installation questions, please contact us.

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** Early model with 3 slots in cowl may require modification to cover the openings or upgrade to the later model single slot cowl.

TOP

Ø4.5000"

