

SPEED BY SPECTRE™

Intake Installation Instructions P/N 9948

Year/Make/Model/Engine

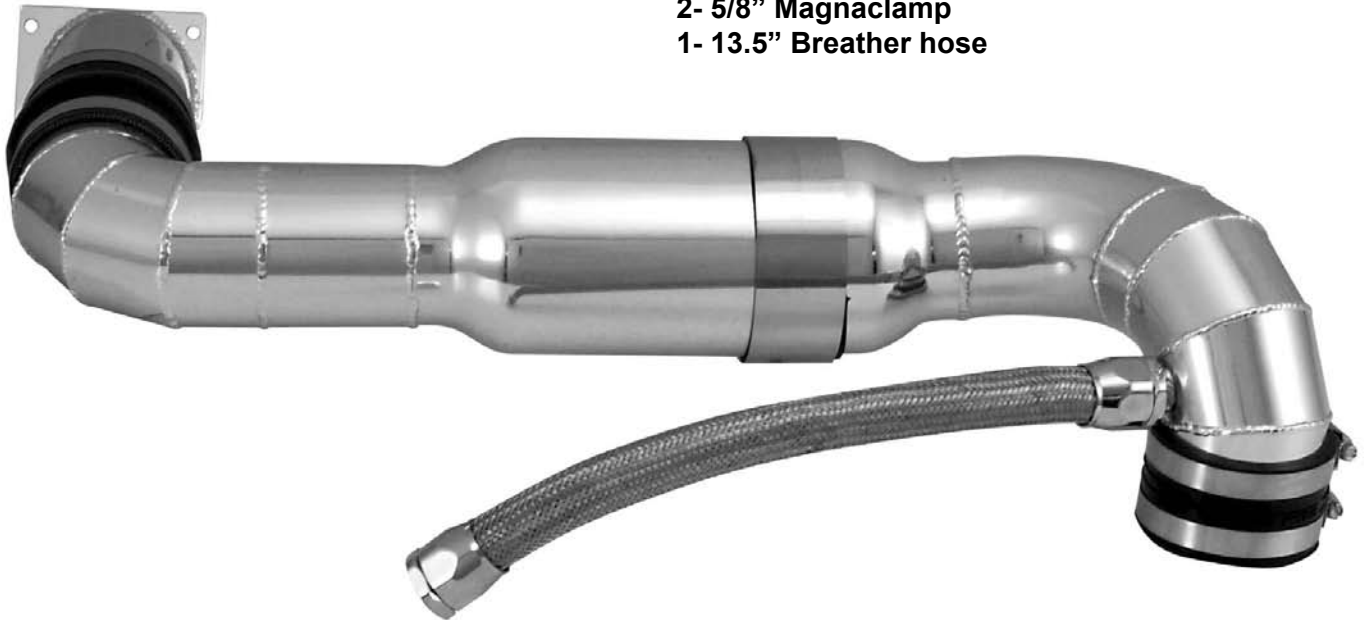
1991-2001 Jeep Cherokee XJ 4.0L

Tools Required:

- Flat blade screwdriver
- 1/4" drive ratchet
- 10mm socket
- 5/16" or 8mm nut driver
- 3" hole saw
- 1/8" Drill bit
- Drill
- 13mm socket
- 1/4" nut driver
- Tape measure

Parts List

- 1- Long Intake Tube
- 1- Short Intake Tube
- 1- 889833 Filter
- 1- Firewall mount
- 1- Silicon hump boot
- 4- Hose clamp, 65-89
- 3- Self tapping screw
- 1- Coupler sleeve
- 1- Low profile collar clamp
- 1- Collar clamp coupler
- 1- 3" coupler
- 2- 5/8" Magnaclamp
- 1- 13.5" Breather hose



This intake system includes a Spectre high-flow hpR lifetime filter. It is factory pre-oiled and ready for use. Visit our website www.spectreperformance.com for cleaning instructions.

CARB Exempt-No
Products that are not CARB exempt are legal in most states, but may not be used in California or states with similar emissions control laws.



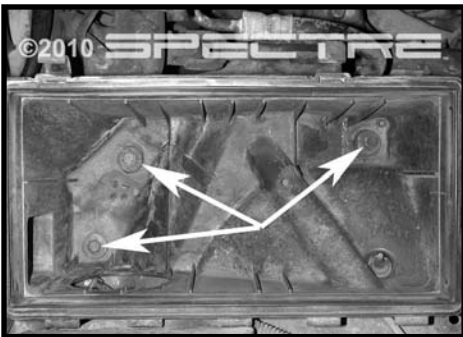
Step 1
Safety first! Before you begin the installation, make sure that the vehicle is in park with the parking brake set. Disconnect the negative battery terminal and verify all components listed are present.



Step 2
Loosen the clamp at the throttle body. Loosen the clamp at air box. Remove the factory intake tube.



Step 3
Remove the crank case breather line from the valve cover fitting and then remove the air box lid including the air filter.



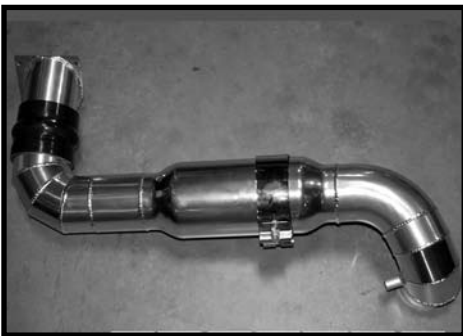
Step 4
Remove the three 10mm bolts in the bottom of the airbox and remove the airbox from vehicle.



Step 5
Install the supplied throttle body adapter ring over the throttle body, making sure that the sleeve is completely bottomed out on the flange.



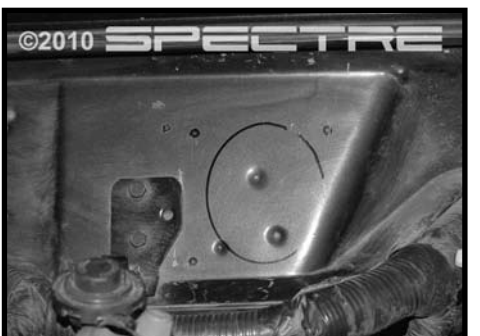
Step 6
Install the throttle body coupler over the adapter ring and secure with a supplied 3" clamp. Install a second clamp but do not tighten at this time.



Step 7
Assemble the intake as shown. First, insert the filter into the large housing – small end first. Place the band clamp sleeve over the tube/filter assembly and slide the small tube into the sleeve. Assemble the firewall mount with coupler as shown.



Step 8
Take the assembled intake tube and install on the throttle body. Position the assembly as shown so that the firewall mount is sitting on the firewall as shown. You will need to move the wire harness out of your way. Ensure that the bottom of the mount is higher than the bend in the firewall, which is the base of the cowl area. DO NOT CUT INTO THE AREA BELOW THE BEND!



Step 9
Mark the 3 bolt hole locations of the firewall mount so that you can replace it in the next step without the intake tube in place. With your duct mount located with the marker, you can take the assembled intake tube off of the vehicle for now. At this point mark the center of the mount to locate the 3" hole. Find the center of your 3" hole for your hole saw so that you drill the hole in the proper place.



Step 10

In this step, you will be using a 3" hole saw to make a hole in the firewall for the fresh air source. Move all wiring away from this area. If it helps, you can remove the cowling at the base of the windshield to see where you will be cutting. Using the mark from the previous step, Drill through the firewall into the cowl area. Use care and remove the piece of firewall as the edges are hot and very sharp!

NOTE: For later models years the firewall is slightly different than shown. Also, the wire harness bracket may differ from the one in the pictures and you may have to trim, bend, or move this bracket to clear the intake tube, once it is in place.



Step 11

Drill three 1/8" holes at each of these locations that you traced.



Step 12

Install the supplied firewall mount and secure with the three supplied self tapping screws.



Step 13

Install the supplied silicone hump hose on the aluminum duct mount and secure with the supplied clamp. Install a second clamp on the hump hose but do not tighten at this time.



Step 14

Install the complete intake tube/filter assembly onto the throttle body coupler. Rotate the entire kit around to fit into the firewall mount coupler. Loosen the T-Bolt clamp, position the intake tube for best fit and rotate the clamp so that the bolt is at the bottom. Once aligned properly, tighten the clamp at the throttle body coupler first, then tighten the clamp on the hump hose, and lastly re tighten the T-Bolt clamp.



Step 15

Install the supplied 5/8" breather hose as shown. Ensure that all clamps and hardware are fully tightened at this time.

Step 16

Start vehicle and let warm up. Shut off and inspect the installation once more for any loose clamps or wires. Test drive & enjoy!

*NOTE

If you live in an area where it snows, be sure to clear the cowling at the base of the windshield of any snow before starting your vehicle.

If you have any difficulties or questions regarding the installation of this intake system, contact the Spectre Performance Technical Department by email - Tech@spectreperformance.com or by phone 1-800-821-4868 Monday thru Friday 6:00am to 4:30pm PST.

Product Info:
Performance Air Induction
System P/N 9948



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