

**Plenum for JP737/JP738**

**Plenum for Functional Hood Scoop Installation Instructions**

**Tools needed:**

1/4 or 3/8 drive ratchet

7/16 socket

#2 philips screw driver

Naptha or a suitable cleaner such as Goop; **do not** use lacquer thinner or acetone

isopropyl alcohol min. 70%

clean rags or paper towels

china marker, crayon or pencil

flashlight

**READ ALL INSTRUCTIONS BEFORE STARTING INSTALLATION**

Note 1: Installation of plenum requires hood to be on the vehicle with our Functional Scoop fully installed and hood open.

Note 2: Jeep hood alignments vary from vehicle to vehicle. We have designed the plenums to be adjustable to compensate for these variations.

1. Remove the 3<sup>rd</sup> hood scoop bolt and washer, counting from the back of the hood on the passenger side.
2. Carefully install the plenum cup onto the scoop collar protruding through the hood on the passenger side. It may be necessary to use a twisting motion to get the cup on as it is a tight fit. The cup nozzle should end up approximately between 1 and 2 o'clock.
3. Slide rectangular end of the plenum over the cup nozzle. Align the slotted hole on the plenum tab with the hole from removed bolt. Make sure the very front tab on the plenum slides under the lip of the cross beam of the hood. Start and lightly snug washer and bolt.

**Adjustments with factory air box.**

4. Turn the air inlet nozzle on the front of the factory air box slightly to the left of center approximately to 10 o'clock. Carefully close hood and latch. Slide under the Jeep on the passenger side and use the flashlight to check alignment. You need to make adjustments until the inlet nozzle fits into the recess of the plenum with no hole cut-out showing. If it is necessary to slide plenum forward, you can shorten the front plenum tab if it is stopping the forward movement. Other adjustments that aid in alignment slightly are rotating plenum cup and air box nozzle.
5. Once you are satisfied with alignment, snug the bolt and make some reference marks around the tabs that have the double stick tape on them. Loosen bolt and slightly drop plenum.
6. Clean the hood surface where tape will make contact with surface cleaner followed by alcohol. Remove the red protective tape film from plenum tabs, re-align with marks made on hood and tape down plenum.
7. Tighten bolt and do one more visual check from under the Jeep to make sure everything is aligned. Use the supplied self tapping screws and screw the cup to the collar through the pre-drilled holes in the cup.

**JEEPS WITH AIRAID OR K&N AIR INTAKE SYSTEMS**

Follow the same installation procedures except for nozzle alignment. Once the plenum is in place with bolt lightly snugged, lower the hood and mark the area on the metal air box housing where the plenum makes contact. Using tin snips or a hack saw, cut a rectangular notch in the side of the metal air box large enough to clear the plenum when hood is shut. If there is a flex molding on the air box, remove it and make the cut larger. Re-install the molding so that the plenum will clear. You can either leave the plenum as is or cut it off so it protrudes into the air box side approximately 2".