

# APOC INDUSTRIES

Be sure to check that you roof mount kit came with all the parts.

- 1 Left and 1 right roof mount bracket.
- 6 rivnuts and 6 stainless button head bolts
- 1 rivnut install tools (1 hex head bolt 2 washers and 1 nut larger than bolt)



APOC

## Tools needed for install

- Drill and drill bits 25/64" preferred 3/8" will work with some enlarging of hole.
- Wrenches for rivnut install tool
- Hammer and center punch
- Silicone
- And a buddy to help!

### 1. Locating drill locations

Install the Apoc roof mount brackets onto you light bar, now you will need a buddy to help. Both of you need to hold the light bar in the approximant location, due to light bars varying in length you will have to find where yours fits the best. Usually about an inch back from the windshield is a good starting point, the mounts should fit flush against the inside of the roof seam and the first bend should be right at the bend of the roof. You don't want a big gap between the mount and the roof it should almost touch or may touch the roof. Once you have found the perfect location measure to make sure both sides are in the same location and mark the three holes with a marker.

### 2. Drilling the holes

Now using the center punch mark the 3 holes for each side to drill. You may want to place the mount to double check your center punches are correct. Start drilling with a smaller bit and work your way upto the 3/8" or (25/64" preferred) drill bit should be the final size don't go any bigger.

### 3. Installing riv nuts

Once holes are drilled, apply silicone to each hole to insure no water leaks. Using the rivnut install tool thread a rivnut onto the install tool, insert the rivnut into one of the holes. Now using a wrench to hold the nut still on the install tool start to tighten the bolt this will cause the rivnut to collapse around the hole you drilled. You can also use a battery powered impact to tighten the bolt while holding the nut with a wrench. The Rivnut should not be able to spin once it is compressed properly, the rivnut threads should be compressed all the way to about 1/8" from the face of the rivnut so there is no more room to compress.



#### 4. Installing Apoc roof mount brackets.

Now onto the easy part, all your rivnuts should be installed and ready for mounts. Test each rivnut to insure the button head bolts can easily thread into the rivnut. If they don't you may need to run a tap through them to make sure you don't bind up and cause the rivnut to start spinning in the hole you drilled. Now let's run a bead of silicone across all the rivnuts and past about 1/2" this keeps water from coming in behind the roof mount bracket. Place the roof mount bracket in place and snug all the bolts up not to tight yet. Install your light bar onto the Apoc brackets and snug the bolts to hold the light bar, if you need to the Apoc roof brackets have slotted holes to allow a little movement front to back once your happy with the location tighten all bolts.

#### TIPS ( READ BEFORE STARTING INSTALL )

After you have placed your rubber door seal back into place you can place some silicone in front and behind the Apoc bracket between the rubber door seal and side of roof where the Apoc roof bracket is located. This adds some more protection against wind noise and water leaks.

On some vehicles If you mount the Apoc roof brackets to far forward the wipers can hit the light bar. So be sure to place your wipers at there highest point in there sweep while test fitting the Apoc roof mounts.

Apoc roof mounts are designed to create little to no wind noise, if you hear a metallic whine or whistle it is the light bar heat sink causing this. You can eliminate most or all of this with some door trim edging from a local auto parts store. While driving at the speed that causes the worst wind noise have a friend place his fingers on each fin on the back of the light bar he should feel 1 or 2 fins vibrating those are the fins you want to place the door trim on.

