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How to custom fit and install your new ISP-1010 Two Piece Drag Head Supports

The following steps are required to achieve a successful custom fabrication of your new head support system. Please do not deviate from the basic idea of these instructions without first consulting with an ISP technical support representative, failure to do so may delay product completion and or provide less than optimal safety protection.

Note: Welding of mounting tabs or bungs to roll bar will be required as well as cutting and forming of provided aluminum blanks.

Kit Contents:

- 1 - Aluminum Left Lateral Side Support
- 1 - Aluminum Right Lateral Side Support

Tools Required:

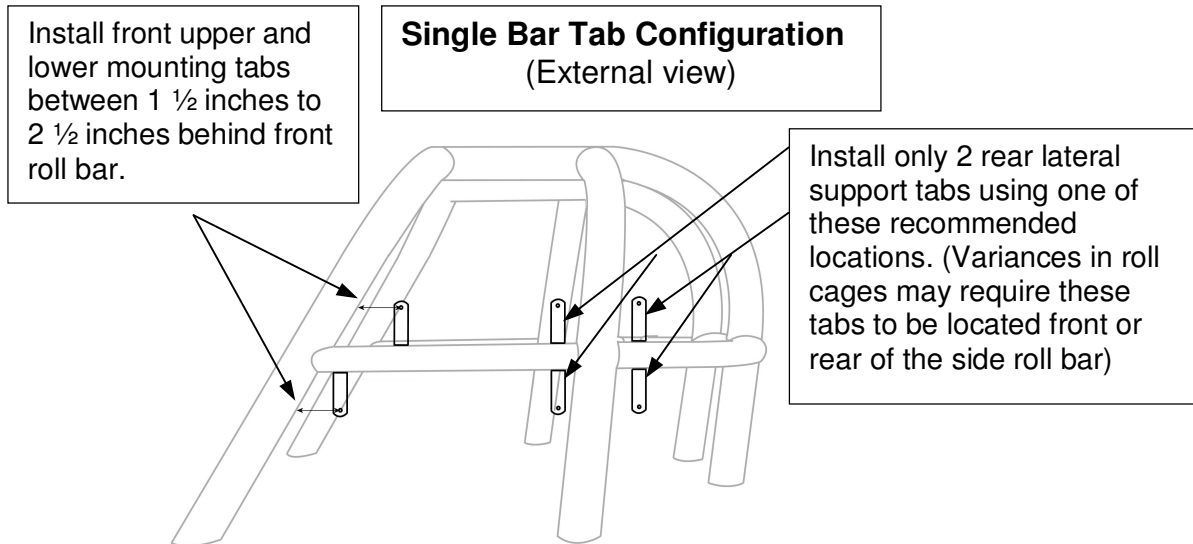
- 1 - Black Sharpie permanent marker
- 1 - 2 foot straight edge (Used to locate proper marking/cutting/forming locations)
- 1 - Aluminum Cutting Tool (Used to trim excess length)
- 1 - Large Rubber Mallet (Used to form material to roll cage)
- 1 - 3/8" Chuck Portable Drill
- 1 - 1/4" 20 Tap and Handle for bungs or tabs
- 1 - Wrench (Used to tighten 1/4" 20 bolts provided by installer in mock up)
- 1 - Welder (Used to install mounting tabs or bungs to roll cage)

Raw Materials Required for Mock Up

- 8 – 1/4" 20 bolts (Used for mock up only, final product ships with button head bolts preinstalled)
- 8 – 1/8" thick Mounting Tabs or bungs 1/4 - 20 thread

Step 1:

Position mounting tabs or bungs in general locations as shown below. Tab or Bung installation must allow flush mounting of aluminum to inside of roll cage. Use four 1/4 -20 bolts per aluminum blank; bolt head must be located towards inside vehicle. Do not use nutserts or similar on aluminum as interior must not have protrusions.

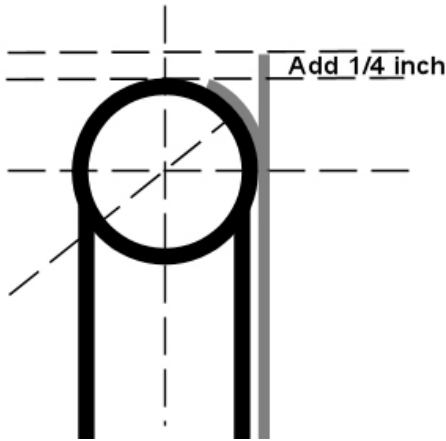


Step 2:

Mark and drill aluminum blanks to obtain best fit, aluminum will need to be formed to fit roll cage during this process and trimmed as needed. **Do not trim excess from front hoop until Step 3.**

Step 3:

With aluminum securely mounted to tabs or bungs form the aluminum around front hoop, this is required to prevent snagging driver when entering vehicle. The easiest way to complete this task is to have the aluminum securely mounted to tabs or bungs. Using a Sharpie marker rest the marker on the tube at 90 deg to the aluminum and draw a line. Cut aluminum on this mark and form around tubing with rubber mallet as seen in drawing below. **Be sure to round all corners and sharp edges with a file or similar.**



Desired Outcome

C Channel is "Fish Mouthed" to fit tight to inside of roll cage

Button head bolts are accessed through holes in material

Finished supports are formed by customer around front hoop to prevent snagging driver.



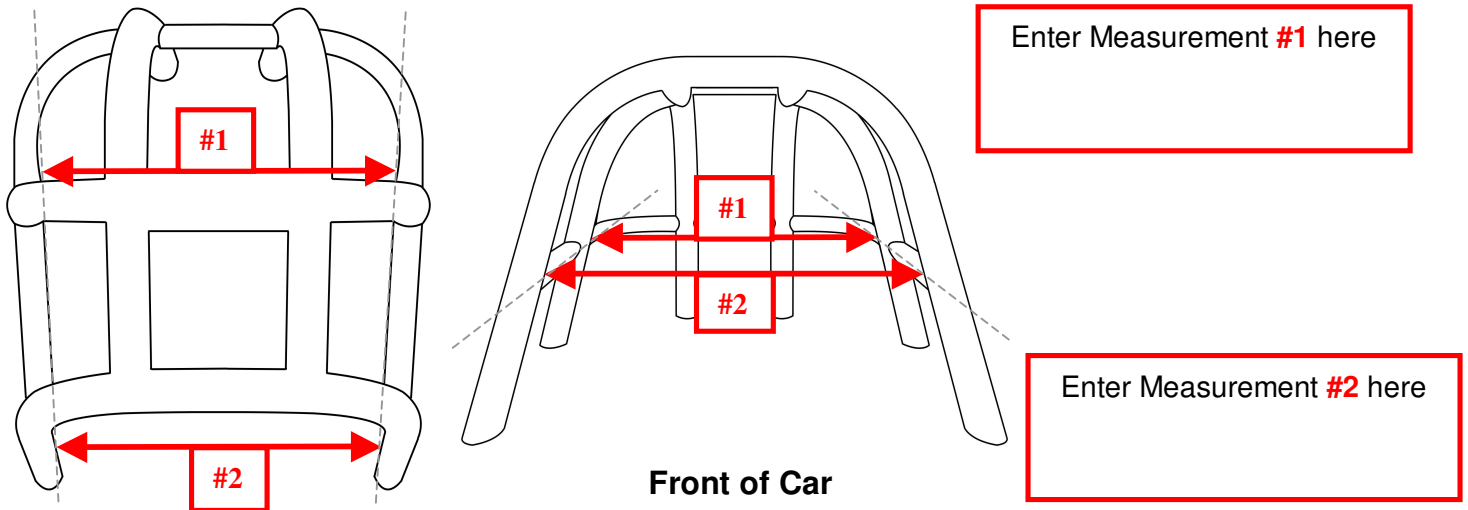
Step 4:

After aluminum blanks are properly formed they must be shipped to ISP for final foaming and upholstery. It is important to provide the measurements as instructed, ISP will calculate the appropriate foam thickness from these measurements. If you need help please call ISP, inaccurate measurements will delay completion.

Measurements #1 and #2

At same height as measurement #1 (approximately same height as helmet bar). Measure interior distance left to right between **REAR** roll bar hoop this will provide measurement #1.

Measure interior distance left to right between **FRONT** roll bar hoop this will provide measurement #2.



To begin the order process: Fax this form with all information entered below to 704.455.2009. Within one business day you will receive call from ISP for billing and shipping information.

Print Name: _____ **Daytime Ph. Number:** _____

Measurements from above: #1 (_____) #2 (_____) Chassis Type: _____

Step 5:

Write name on each aluminum piece and package in a sturdy box along with all measurements from step 4 (above). Please retain personal copy of measurements for future reference.

Step 6:

Ship package to: **Innovative Safety Products**
5540 Morehead Rd.
Harrisburg, NC 28075 USA

Once package is received at ISP we will debur all parts, glue SAE washers to inside of aluminum to add strength to each hole. The parts will be foamed with multiple layers of SFI - 45.2 high impact absorbing foam and covered with heavy duty CarbonX cloth. Each part will be properly marked in a visible location with the appropriate SFI certification label.