



# Funny Car Helmet Shroud Installation Instructions

## IMPORTANT NOTICE

Modifications of **any kind** other than bolt holes required for mounting **will compromise the integrity and effectiveness** of this product and are **NOT RECOMMENDED BY THE MANUFACTURER.**

## 1. Test Fit

Identify left and right sections of Shroud and place in position on the roll cage.

If tabs will be used for mounting, ensure that there is minimally enough material to reach the top of the shoulder hoop tube and centerlines of both the rear hoops and rear uprights. If threaded bosses will be used, the material must extend beyond the centerline of both the rear hoops and uprights.

If there are any questions or concerns regarding the proper fit-up or any other aspect of this installation, contact the manufacturer at 609-730-9668.

If your cage design does not allow for proper fit-up as described above, **do not proceed** with this installation. Contact the manufacturer at 609-730-9668 for more information.

## 2. Locate & Weld Tabs

Locate and weld 4130 Chromoly tabs as per NHRA Rule Book.

All tabs/fastening points must be attached to rollcage vertical members **only** and not to the shoulder hoop. Attaching the Shroud to the shoulder hoop will impede removal of the cage during emergency procedures.

All tabs should be flush with outside of rollcage tubing.

If using optional installation kit, the bent tab provided is to be used for the top center location.

If not using optional installation kit, please note that NHRA requires that locking-style nuts are welded to the tabs.

## 3. Mount Shroud

Completely clamp left and right sections into position, ensuring proper fit-up as described in Step 1. Transfer tab mounting hole locations.

Remove sections and drill mounting holes.

Install left and right sections to all bolt locations.

Repeat procedure for center section, ensuring that center is tight against left and right sections.

## 4. Mark & Trim

With all three Shroud components bolted in place, mark shroud for final trimming:

- Front of Shroud must minimally extend to centerline of rear hoops.
- Rear of Shroud must minimally extend to centerline of rear uprights.
- Bottom of Shroud must extend to top tangent of shoulder hoop – but not lower.  
This edge will butt up against the “go-around” flange which will be installed in Step 5.

NOTE: The location of the top of the shoulder hoop can easily be transferred to the Shroud by placing a straight edge across 2 points on top of the hoop and projecting those locations over to the Shroud.

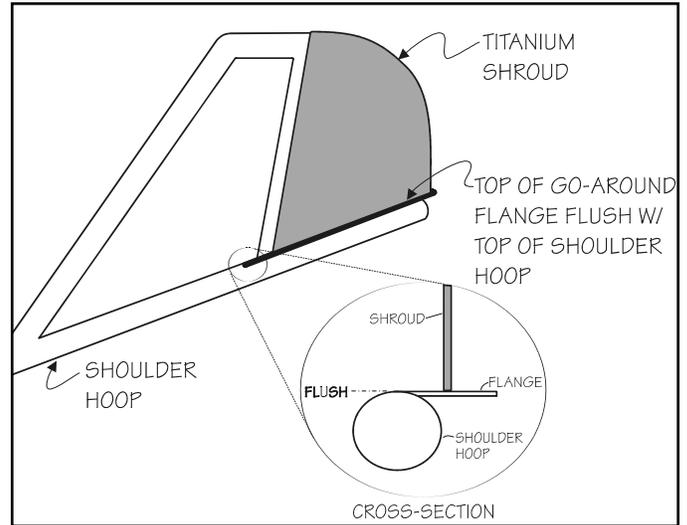
Once all edges have been marked, remove and trim all three Shroud sections.

## 5. Installation of "Go-Around" Flange

*NOTE: Since the Shroud system will cover the rollcage members from the outside and the body will no longer sit directly on the shoulder hoop, a provision must be made to accept the go-around body tin work. The go-around flange included with this system will provide a location for the Funny Car body tin work to rest upon. Existing body tin work will have to be clearanced to accommodate this after the go-around flange is installed.*

With Shroud removed, fit, trim and weld provided 4130 Chromoly go-around flange in position. **It is imperative** that the top surface of the flange be installed **flush** with the top of shoulder hoop. See illustration at right and photo below.

Fit-up will include notching flange for rear uprights and hoops, and trimming go-around flanges to required lengths.



Installation of Go-Around Flange

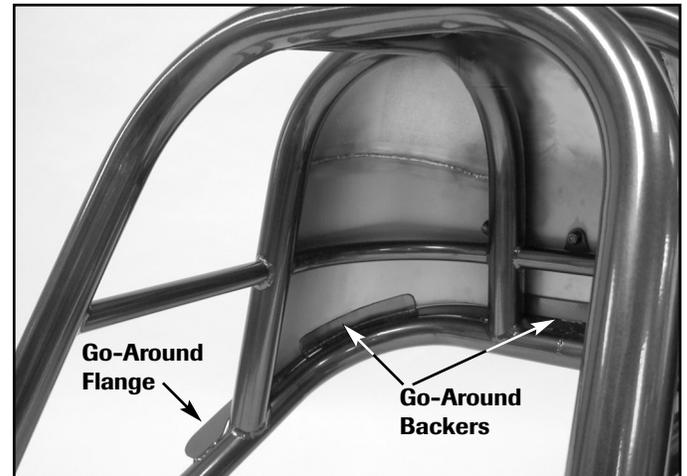
## 6. Shroud Installation

Re-install shroud with washers and Grade 8 bolts.

*NOTE: NHRA rules require that any gaps existing between the shroud and the rollcage must be filled. If needed, a fire-retardant, self-adhesive foam is provided with the optional installation kit.*

## 7. Go-Around Backer Installation

Locate and weld three provided 4130 Chromoly backers to go-around flange, one per Shroud section. Backers must fit tightly against shroud as they provide support to the shroud, as shown in photo at right.



Installation of Go-Around Flange and Backers



Completed Installation