

WARNING

READ THIS BEFORE INSTALLING

**FAILURE TO COMPLY WITH THESE INSTRUCTIONS
MAY CAUSE SERIOUS INJURY OR DEATH**

You have purchased the finest Modular Enhanced Containment Supports available. These components (when installed correctly) are designed to reduce injury-producing movement of the upper body and head during a racing impact, but no device or component can prevent all injuries which may occur in auto racing. **Auto racing remains a very dangerous sport regardless of any protective devices you may use. Please read the instructions very carefully and if you have any questions please contact Kirkey Racing Fabrication (800) 363-4885.**

The head restraint is designed to be used in conjunction with a shoulder restraint system. The head restraint is not to be used alone without any shoulder restraints. The head restraint component must be securely fastened to the roll cage, in addition to the seat, to function as designed. Shoulder or head restraints secured only to the seat will not function properly and may increase, cause, or exacerbate injury to the driver. Use the hardware included with the component and follow these instructions.

Have driver sit in seat and place hands on the steering wheel as if they were in the car. Place shoulder restraints snugly against driver's shoulders and mark location (smaller drivers may have to trim some material off the length of the shoulder restraint so that both sides fit on properly – see fig.1). Mount the shoulder restraints to the seat with the 5/16" x 1-1/4" bolts provided (torque to 20ft./lbs.), using four bolts per restraint.

Next, mount the head restraint with the driver sitting in the seat as above with helmet on. Place the head restraint level with the driver's cheek bone. With the head support in place, have the driver look to the left and to the right to ensure that their peripheral vision is not obstructed (see fig. 2). If peripheral vision is obstructed lower restraint accordingly. With the restraint at the proper height, bolt it to the seat using four of the 5/16" x 1-1/4" bolts provided (torque to 20ft./lbs.). Fabricate appropriate brackets to support the head restraint to the roll cage using the holes provided along the top edge. **If you are not qualified to perform such fabrication, have the installation done by an expert familiar with the requirements of such installation.**



Fig. 1



Fig. 2

Next, bolt the vertical connector brackets provided to the shoulder restraints with the 3/8" x 3/4" bolts provided (torque to 35ft./lbs.) – see fig.3. Now attach the shoulder restraint to the head restraint using the holes on the side of the head restraint. You will have to drill a hole in each vertical connector bracket to bolt it to the head restraint (see fig.4). **Do not drill any holes in the head restraint itself.** Trim off any excess material off the top of the bracket. **If you are not qualified to perform such fabrication, have the installation done by an expert familiar with the requirements of such installation.**

Parts list

5/16" x 1-1/4" bolts-	12
5/16" washers-	24
5/16" lock nuts-	12
3/8" x 3/4" bolts-	6
3/8" washers-	12
3/8" lock nuts-	6
Vertical Connector Bracket-	2



Fig. 3



Fig. 4