



## INSTALLATION INSTRUCTIONS

### X-BRACE KIT

C3181

This kit is designed to increase the strength of your chassis by eliminating side to side twist and uneven suspension loading. Use this kit in conjunction with the rear struts found in our roll bar and roll cage kits to create a solid racing chassis. Install the tubes so that they mount at the intersection of the main hoop and rear strut and the adjacent end where the rear strut meets the frame.

### PARTS LIST

1) 60" Tube

2) 30" Tube Braces

### INSTALLATION

1. Using the 60" long tube first, place it in position diagonally so that it mounts on the intersection of the main hoop and rear strut on the driver's side and the intersection of the rear strut and the frame on the passenger side. Cut and notch the tube as necessary to get a good fit. If the fit is correct, Tack weld it in place.
2. Set the two 30" top and bottom tubes in place so that they appear to be in one continuous line. The tubes should be centered on the previously installed tube. You can make a simple alignment fixture with a piece of scrap angle iron with a notch cut out for the intersection. Clamp the angle iron to two tubes. This will allow you to determine if the notches need trimming and how much.
3. When all the joints fit well, tack weld the pieces in place.
4. Place secondary tack welds opposite from the primary tack welds. This will keep the tube in place during welding.
5. Finish weld all joints, alternating from end to end to minimize warpage.

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**For Technical Assistance, call Competition Engineering's Tech Line at  
(203) 458-0542, 8:30am-5:00pm Eastern Time**

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