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Manufacturers and Distributors of quality chassis,  
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## C/E 3746 – Wishbone Locator

### Parts List:

- |  |   |
|--|---|
| 2...1.0" x .065" chrome moly tube w/ends bent  | 1...1-1/4" Pre-welded Slip Tube               |
| 1...1.0" x .156" DOM Threaded Slide Tube       | 1...3/4" x .065" x 10" DOM Tube (Cross brace) |
| 1...3/4" x .065" x 36" DOM Tube (Cross brace)  | 2...1/2" x 1.0" x .065" Tube Adapter          |
| 4...Diagonal Link Bracket (2 - 5/8", 2 - 3/4") | 2...3/16" Chassis Tab 3/4" Hole               |
| 2... Gusset                                    | 2...1/2" CM-8-101 Rod End                     |
| 1...3/4" CM-12 Rod End                         | 2...1/2" x 2-1/2" Grade 5 Bolt Fine           |
| 2...1/2" Flat Washer                           | 1...3/4" Nylock Nut Fine                      |
| 1...3/4" x 2-1/2" Grade 5 Bolt Fine            | 2...3/4" SAE Flat Washer                      |
| 2...1/2" Nylock Nut                            | 1...3/4" Jam Nut                              |

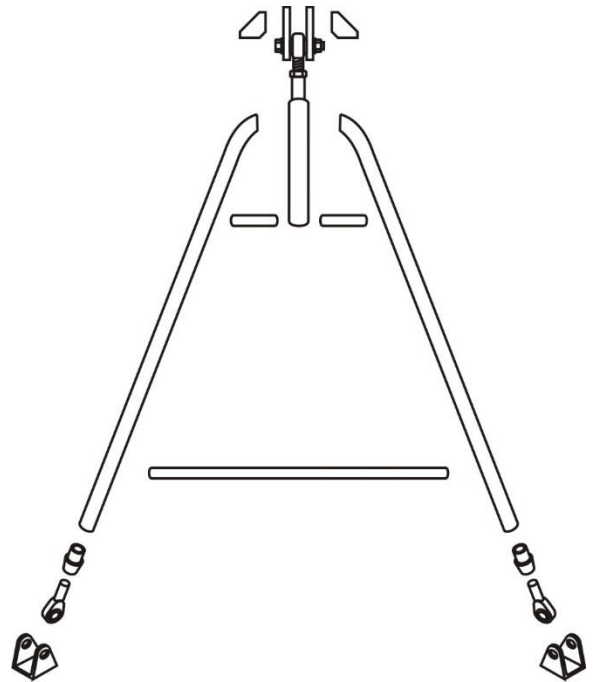
These instructions are just one way of properly installing Wishbone Locators. Depending on your fabrication experience, you may find it easier or more convenient using other methods that accomplish the same results. Every installation is slightly different and we have attempted to

### Important Notes:

1. Wishbone type rear end locators can be used on either four link or ladder bar equipped cars with excellent results.
2. Your wishbone locator is shipped to you in kit form and must be sized and assembled to fit each application. All pieces in the kit are extra-long to work with virtually every application. Before measuring your car and cutting material, you MUST have the rear end centered in the car and at the desired ride height. Also, you MUST have at least 2" of the slide tube showing with the car at correct ride height.
3. Wishbone locators can be mounted in a variety of ways. They can be mounted on either the top or bottom of the rear. (Bottom mounting is recommended). They can also be mounted with the slip joint/slide end either in the front or the back of car.
4. Welding: Heli-Arc welding is recommended for this application.

### Instructions:

1. Jack the rear of the car up supporting the rear end housing on jack stands.
2. Remove the front ladder bar bolts one at a time and install the diagonal link brackets. If you are using a four link they will go on the bottom bars.
3. Make sure that the rear end is centered in the car. Find the center between the ladder bars or four link brackets and mark the rear end housing. This will be the center of the tabs that mount the slip joint/slide end on the bottom of the rear end (10-bolt, 12-bolt and Dana 60 rear ends - we recommend that you weld the slip joint/slide end to the front of the car, not on the rear end housing. (It is hard to weld to the casting). Using the 3/4" rod end between the two chassis tabs center it on the mark, tack weld in place along with the gussets. These tabs should be shortened as much as possible making sure this slip joint still has adequate clearance for travel.
4. With the brackets tack welded to the bottom of the rear end screw the slide tube halfway on to the 3/4" rod end. The pre-welded slip tube will slide over this tube, creating the slip joint needed. Make sure to leave 2"



- between the pre-welded slip tube and the jam nut of the 3/4" rod end. This is needed to allow the rear to move up and down without binding.
5. Install 1/2" rod ends halfway into tube adapters and place in diagonal link brackets with a 1/2" bolt to hold in place.
  6. While holding the slip joint up, fit the wishbone sides to the slip joint. These tubes must point right at the center of the front brackets so they line up with the 1/2" tube adapters. Tack weld the tubes in place to the slip joint. Next, line up the ends of the tubes with the tube adapters and mark where to cut. Once the sides are cut and fit, drill a 1/4" hole - 3/8" from the end of tubing that slides over the tube adapters. These will be for your plug welds. (Tack in place until all measurements are checked).
  7. With the wishbone sides tacked in place cut, fit and tack weld the 10" cross brace to support the slip joint. Cut, fit and tack weld the 36" cross brace to form the support bar between the legs of the wishbone near the 1/2" tub adapters.
  8. After checking all measurements remove the wishbone from the car and weld completely. (Slip joint may need to be re-sized after welding for smooth operation. Lubricate well and check often.)

