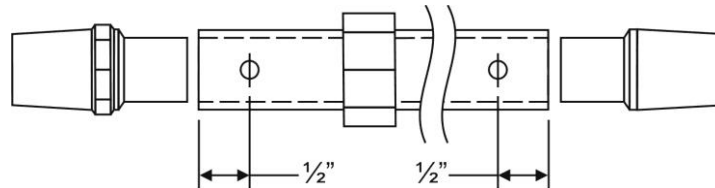


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Manufacturers and Distributors of quality chassis, suspension, driveline and components

C/E 3745 - Top Gun Diagonal Link



List of Materials

- | | | | |
|------|----------------------------------|------|---|
| 1... | 36" piece of 1" x .065 CM Tubing | 2... | 1/2" x .065 Tube Adapters (1-left, 1-right) |
| 2... | 5/8" Diagonal Link Brackets | 2... | 3/4" Diagonal Link Brackets |
| 1... | Weld on Nut | 2... | 1/2" Rod Ends (1-left, 1-right) |
| 2... | 1/2" x 2" Fine Grade 8 Bolts | 2... | 1/2" Fine Thread Stover Lock Nuts |

1...Bolt one of the diagonal link brackets on the left front (Drivers Side) ladder bar or four link bolt. There are two sizes of depending on the size of the bolt. Bolt another diagonal link bracket on the right rear (Passenger Side) ladder bar or four link bolt.

2...Screw the left hand rod end into the tube adapter leaving about 1/3 of the thread showing and install into the front diagonal link bracket using the bolt only. Do not install nut at this time. Screw the right hand rod end into the other tube adapter and install into the rear diagonal link bracket with the bolt only, at this time.

3...Drill a 1/4" hole in one end of the 1" x .065" tube, approximately 1/2" from the end of the tube. This will be used to plug weld the tube adapter into place, later. Slide the tube over the right hand tube adapter. Tack weld the tube adapter into place.

4...Next, make sure that the rear end is centered under the car. Hold the tube assembly up to the front tube adapter assembly and mark the tube even with the step in the tube adapter. Remove the tube assembly and the front tube adapter assembly from the car and cut tube to length. Drill a 1/4" hole, 1/2" from the end. Slide the tube nut over the assembly, leave it loose for now. Insert the tube adapter and remove both rod ends. Plug weld and then weld the bead around both tube adapters.

5...Measure 6" from the left hand tube adapter and weld tube nut into place, making sure that there is plenty of clearance to make adjustments with wrenches. Several tack welds should be fine. This tube nut will allow adjustment with wrenches, if needed.

6...Once cooled off, re-install rod ends, with anti-seize on threads. Re-install the assembly into diagonal link brackets. Leave the jam nuts loose at this time. Tighten all bolts and nuts.

7...Once installed, adjust the link to center the rear in the car. Shorten the bar to move the rear end to the left (Driver Side). Lengthen to move the rear end to the right (Passenger Side). Tighten the jam nuts. Check all nuts and bolts before driving vehicle.

