

READ ALL INSTRUCTIONS COMPLETELY AND THOROUGHLY UNDERSTAND THEM BEFORE DOING ANYTHING.  
CALL TOTAL CONTROL PRODUCTS TECH SUPPORT (916) 388-0288 IF YOU NEED ASSISTANCE.

# INSTALLATION GUIDE



## TCP SUBCS-04 Torque Arm Center Support (Hardtop Models) 1960-65 Falcon, Comet, Ranchero

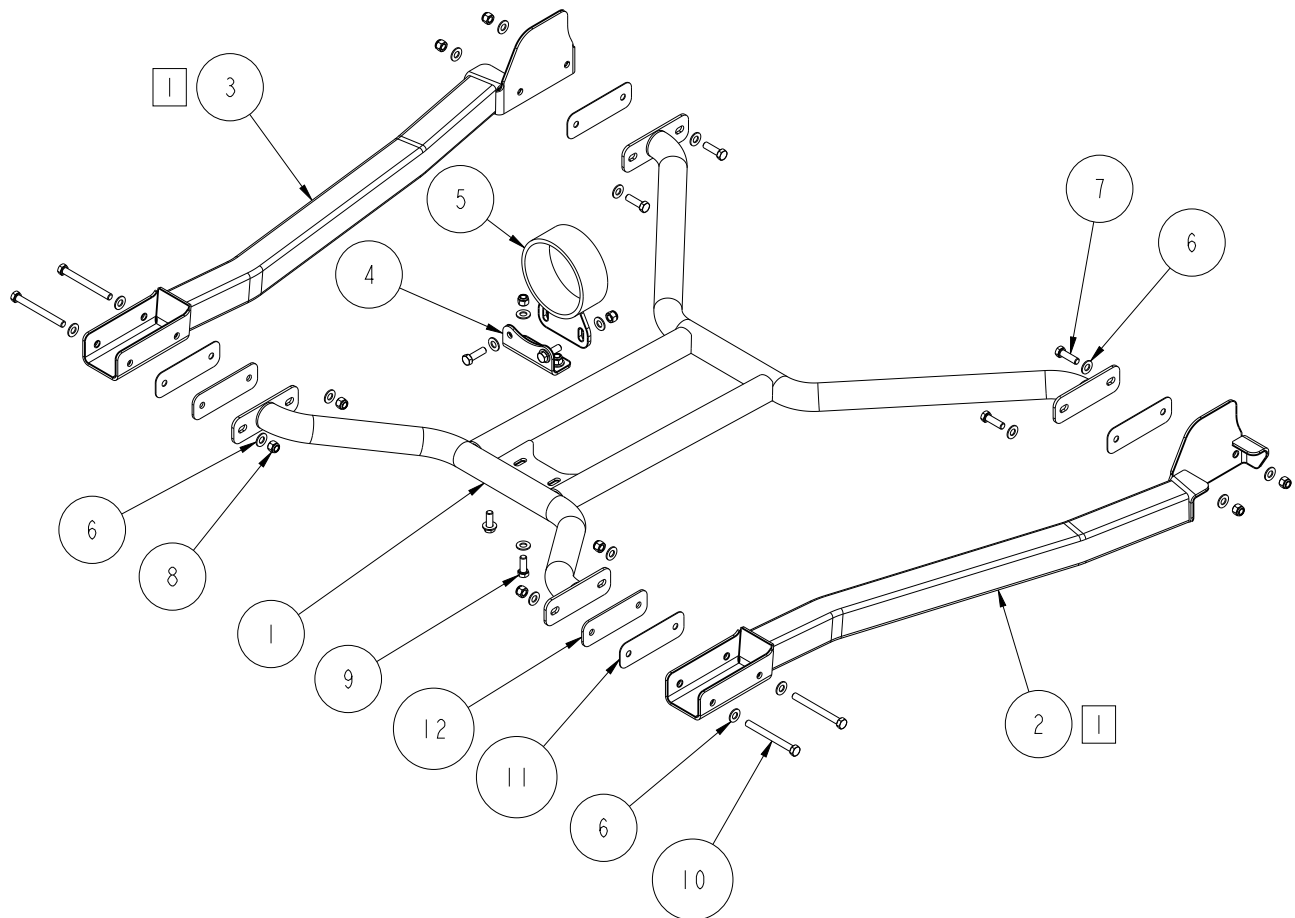


**Description:** Bolt-in subframe center support connects left and right weld-in subframe connectors

**Applications:** Falcon '60-65, Comet '60-65 and Ranchero '60-65

**Notes:** Installation of TCP SUBFC-03 weld-in subframe connectors required; modification to exhaust may be required for clearance.

| ITEM | QTY | PART NO.       | DESCRIPTION   |
|------|-----|----------------|---|
| 1    | 1   | 7962-5108      | CENTER SUPPORT WELDMNT, $\varnothing$ 1 5/8 TUBE, 1960-65 FORD FALCON |
| 2    | 1   | 7962-5096      | SUBFRAME CONNECTOR, DRIVER, 1960-65 FORD FALCON                       |
| 3    | 1   | 7962-5097      | SUBFRAME CONNECTOR, PASSENGER, 1960-65 FORD FALCON                    |
| 4    | 1   | 7908-061       | ADJUSTER BRACKET, 1 1/4, DRIVESHAFT LOOP, TCP                         |
| 5    | 1   | 7959-0268      | DRIVESHAFT LOOP WELDMNT, 5.00 OD x 2.00 WIDE x .250                   |
| 6    | 24  | 3120-038S-Y    | FLAT WASHER, 3/8 SAE, HARDENED, YELLOW ZINC                           |
| 7    | 6   | 3100-038C1.25Y | HEX BOLT, 3/8-16 x 1 1/4, GRADE 8, YELLOW ZINC                        |
| 8    | 12  | 3101-038-16C   | LOCKNUT 3/8-16, GRADE 5, NYLON INSERT, CLEAR ZINC                     |
| 9    | 2   | 3100-038C1.00Y | HEX BOLT, 3/8-16 x 1, GRADE 8, YELLOW ZINC                            |
| 10   | 4   | 3100-038C3.75Y | HEX BOLT, 3/8-16 x 3 3/4, GRADE 8, YELLOW ZINC                        |
| 11   | 4   | 7908-058       | SHIM, 1/16 CENTER SUPPORT, TCP  |
| 12   | 2   | 7908-062       | SHIM, 10 GA CENTER SUPPORT, TCP                                       |



NOTES:  
 1 NOT INCLUDED

|  |  |                     |                   |
|--|--|---------------------|-------------------|
| DESCRIPTION  |  | PART NO.            |                   |
| <b>CENTER SUPPORT, BOLT-IN, HARDTOP,<br/>1960-65 FALCON, COMET, RANCHERO</b>   |  | <b>TCP SUBCS-04</b> |                   |
| <i>Chris Alston's CHASSISWORKS INC.</i><br>8661 YOUNGER CREEK DRIVE<br>SACRAMENTO, CA 95828<br>(916) 388-0288 FAX 388-0295 |  | 3/13/23             | DWG: TCP_SUBCS-04 |

# PARTS LIST

## TCP SUBCS-04 - Torque Arm Center Support '60-65 Falcon

| Qty | Part Number | Description                     |
|-----|-------------|---------------------------------|
| 1   | 7962-5108   | Center support weldment hardtop |
| 1   | 7918-077    | Hardware Bag                    |

## 7918-077 - Hardware Bag

|    |                |   |
|----|----------------|---|
| 4  | 3100-038C1.25Y | Bolt 3/8-16 x 1-1/4" hex head cap screw                         |
| 4  | 3100-038C3.75Y | Bolt 3/8-16 x 3-3/4" hex head cap screw (use with TCP SUBFC-03) |
| 8  | 3101-038-16C   | Locknut 3/8-16 nylon insert                                     |
| 16 | 3120-038S-Y    | Washer 3/8 hardened flat SAE                                    |
| 4  | 7908-058       | Center support shin 1/16" thick                                 |
| 2  | 7908-062       | Center support shin 1/8" thick                                  |

# INSTRUCTIONS

*NOTE: A 1965 Mustang with TCP SUBCS-01 is shown in the following images and may show slight differences from the Falcon platform. The installation procedure is identical.*

1. The weld-in subframe connectors (TCP SUBFC-03) must be installed before proceeding.
2. Raise and safely support the vehicle with the subframe connectors unobstructed and with enough room to work underneath.
3. Measure the distance between the insides of the subframe connector front cups. The minimum distance required to mount the bolt-in center support is 25-5/8". If the measurement is less than 25-5/8", use a mallet and wooden block to increase the distance.
4. **Exhaust Modification:**  
If the exhaust is currently installed on the vehicle, test fit the center support to check for clearance. If the center support does not clear, the exhaust must be modified. There is sufficient room available with the center support installed to use long tube headers with 'H' or 'X' pipe and dual 3" exhaust.



5. Remove exhaust and proceed with installation. Center support must be installed during exhaust fabrication.
6. Using a 3/8" bit, drill through each side of the front frame rail using the forward box of the subframe connectors as a jig.



### TCP SUBFC-03 (SHOWN)

- Check hole clearance by inserting the 3/8-16 x 3-3/4" mounting bolt through each of the four through holes.
- Place a flat washer over two of the long bolts.
- Raise the front of the center support into position and insert one bolt through subframe connector front cup and then through the center support tab.



### REAR FRAME (SEE DIAGRAM)

- Use 3/8" x 1" bolts with flat washers. Apply Loctite® or similar threadlocker to threads.
7. Swing the center support up until the rear tabs are in line with frame connector brackets.





8. Slide a flat washer onto the 3/8-1-1/4" hex bolts and insert them through the rear mount from the outside.



9. If the side clearance between the center support and the subframe connectors is greater than 1/16", use the supplied shims.

10. The shims can be easily installed by backing out one bolt at a time and inserting the shim.

11. Once any necessary shims are in place, slide flat washers over the hex bolts followed by locknuts and tighten to 35 lb-ft.

12. The installation is complete.



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