

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-03

**Bolt-in Center Support (Convertible Models)  
1964-70 Mustang and 1967-70 Cougar**

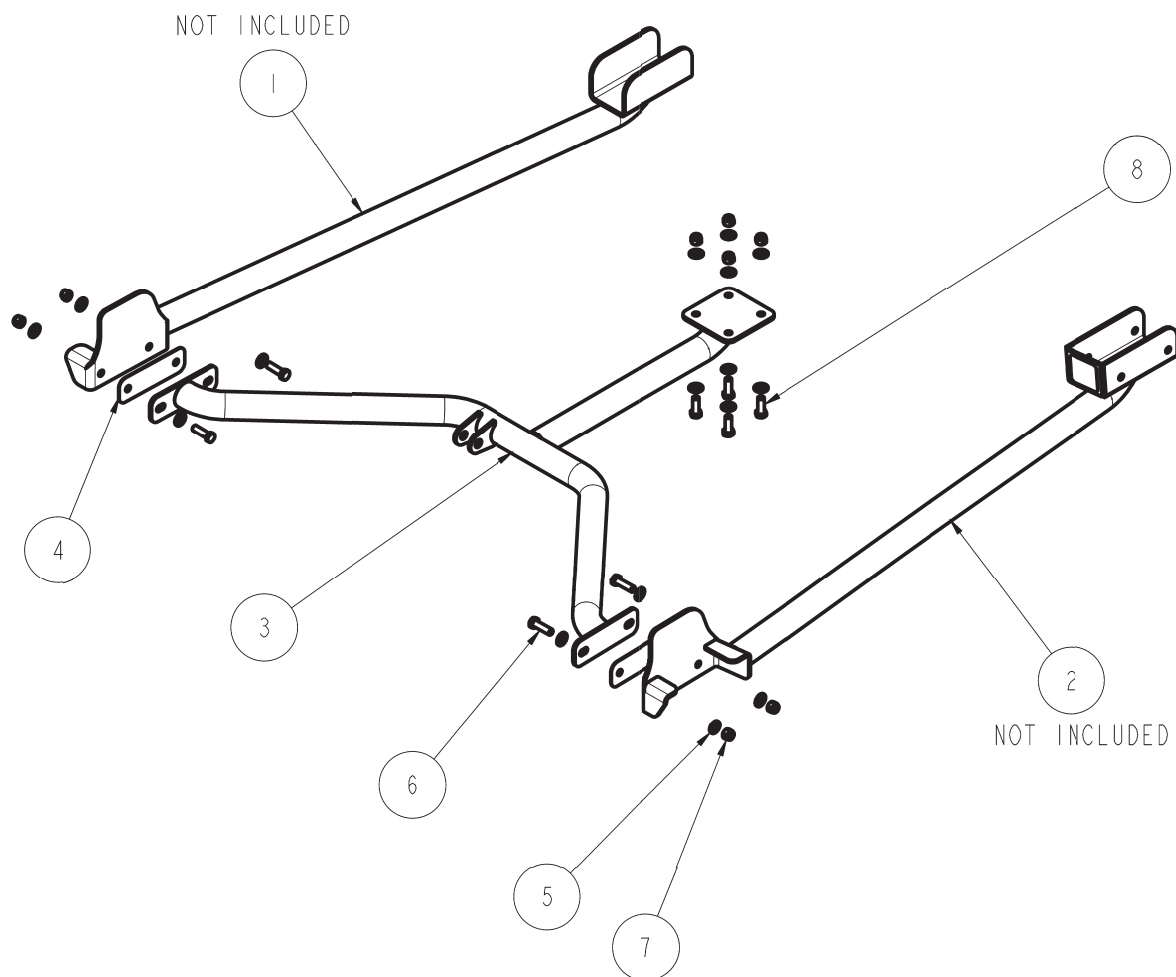


**Description:** Bolt-in subframe center support connects left and right weld-in subframe connectors and under-seat support plate

**Applications:** Mustang '64-70 and Cougar '67-70

**Notes:** Installation of TCP subframe connectors required; modification to exhaust may be required

| ITEM | QTY | PART NO.       | DESCRIPTION                                       |
|------|-----|----------------|---------------------------------------------------|
| 1    | 1   | 7908-065       | FRAME CONNECTOR WELDMENT, DRIVER, CONVERTIBLE     |
| 2    | 1   | 7908-066       | FRAME CONNECTOR WELDMENT PSGR, CONVERTIBLE        |
| 3    | 1   | 7908-069       | CENTER SUPPORT WELDMENT CONVERTIBLE, TCP          |
| 4    | 2   | 7908-058       | SHIM, 1/16 CENTER SUPPORT, TCP                    |
| 5    | 16  | 3120-038S-Y    | FLAT WASHER, 3/8 SAE, HARDENED                    |
| 6    | 4   | 3100-038C1.25Y | HEX BOLT, 3/8-16 x 1 1/4, GRADE 8, YELLOW ZINC    |
| 7    | 8   | 3101-038-16C   | LOCKNUT 3/8-16, GRADE 5, NYLON INSERT, CLEAR ZINC |
| 8    | 4   | 3100-038C1.00Y | HEX CAP SCREW, 3/8-16 x 1, GRADE 8, YELLOW ZINC   |



|                                                                                 |  |                                                       |                    |
|---------------------------------------------------------------------------------|--|-------------------------------------------------------|--------------------|
| DESCRIPTION                                                                     |  | CONNECTOR SUPPORT, CONVERTIBLE<br>ASSEMBLY AS-3RJC-03 |                    |
| Chris Alston's CHASSISWORKS INC.                                                |  | PART NO.<br>TCP SUBCS-03                              |                    |
| 8661 YOUNGER CREEK DRIVE<br>SACRAMENTO, CA 95828<br>(916) 388-0288 FAX 388-0295 |  | 2/24/05                                               | DWG: 7903-SUBCS-03 |

# PARTS LIST

## TCP SUBCS-03 - Center Support for 1964-70 Mustang Convertible

| Qty | Part Number | Description                             |
|-----|-------------|-----------------------------------------|
| 1   | 7908-069    | Center support weldment for convertible |
| 1   | 7918-031    | Hardware Bag                            |

### 7918-031 - Hardware Bag

|    |                |                                         |
|----|----------------|-----------------------------------------|
| 4  | 3100-038C1.00Y | Bolt 3/8-16 x 1" hex head cap screw     |
| 4  | 3100-038C1.25Y | Bolt 3/8-16 x 1-1/4" hex head cap screw |
| 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          |

# INSTRUCTIONS

1. Raise vehicle into position with enough room to work underneath. Leave rear mounting positions of the subframe connectors unobstructed.
2. Place the connector support (Item 3) into position to test fit. Check for exhaust clearance. Exhaust may have to be modified to fit above connector support. There is sufficient room available over the rear tube of the connector support to use dual 3" exhaust. The factory lower reinforcement plate will be more restrictive of larger exhaust tubing.

If exhaust must be modified remove exhaust and proceed with connector support installation. Connector support must be installed during exhaust fabrication for best fit.

3. Raise rear tabs of connector support into position and insert the two rearmost bolts using flat washers (Item 5). If side clearance is greater than 1/8", use the supplied shims to reduce the amount of clearance. Connector support should now be hanging by the rear two bolts (Item 6).
4. Swing the connector support upward and support using a jack stand or brace to hold in position against lower reinforcement plate.
5. Measure the lateral position of the connector support's forward mounting plate to ensure it is centered in the vehicle. Make adjustments to its position as required.
6. Once centered the remaining rear bolts, washers and lock nuts can be installed and torqued to 35-40 lb ft.
7. With the center support securely positioned, the front mounting holes can be drilled with a 3/8" bit, using the connector support's forward mounting plate as a drill jig.
8. Insert bolts with flat washer into holes from topside and install washers and lock nuts from underneath.
9. Torque to 25-30 lb ft.

**WARRANTY NOTICE:**

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