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-01 Bolt-in Center Support (Hardtop Models) 1964-70 Mustang and 1967-70 Cougar



Description: Bolt-in subframe center support connects left and right weld-in subframe connectors **Applications:** Mustang '64-70 and Cougar '67-70

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

WARRANTY NOTICE:

There are NO WARRANTIES, either expressed or implied. Neither the seller nor manufacturer will be liable for any loss, damage or injury, direct or indirect, arising from the use or inability to determine the appropriate use of any products. Before any attempt at installation, all drawings and/or instruction sheets should be completely reviewed to determine the suitability of the product for its intended use. In this connection, the user assumes all responsibility and risk. We reserve the right to change specification without notice. Further, Chris Alston's Chassisworks, Inc., makes **NO GUARANTEE** in reference to any specific class legality of any component. **ALL PRODUCTS ARE INTENDED FOR RACING AND OFF-ROAD USE AND MAY NOT BE LEGALLY USED ON THE HIGHWAY**. The products offered for sale are true race-car components and, in all cases, require some fabrication skill. **NO PRODUCT OR SERVICE IS DESIGNED OR INTENDED TO PREVENT INJURY OR DEATH**.

Total Control Products A Chris Alston's Chassisworks, Inc. Brand 8661 Younger Creek Drive Sacramento, CA 95828 Phone: 916-388-0288 Technical Support: tcptech@cachassisworks.com



7903-SUBCS-01

PARTS LIST

TCP SUBCS-01 - Center Support 64-70 Mustang

Qty	Part Number	Description
1	7908-067	Center support weldment hardtop
1	7918-030	Hardware Bag

7918-030 - Hardware Bag

v				
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		
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 was used for the following images and may show slight differences from the later Mustang and Cougar platforms. <u>The installation</u> <u>procedure is identical.</u>

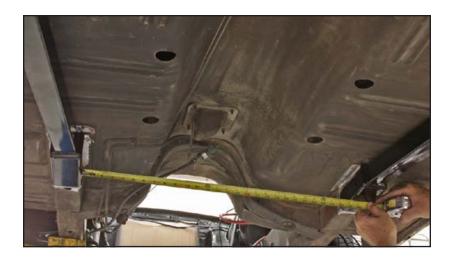
- 1. The weld-in subframe connectors (TCP SUBFC-01) must be installed before proceeding.
- 2. Raise and safely support the vehicle with the subframe connectors unobstructed and with enough room to work underneath.
- Measure the distance between the insides of the subframe connector front cups. The minimum distance required to mount the bolt-in center support is 27-1/8". If the measurement is less than 27-1/8", 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.



 Check hole clearance by inserting the 3/8-16 x 3-3/4" mounting bolt through each of the four through holes.



- 8. Place a flat washer over two of the long bolts.
- 9. Raise the front of the center support into position and insert one bolt though subframe connector front cup and then through the center support tab.
- 10. Swing the center support up until the rear tabs are in line with frame connector brackets.



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

- 12. If the side clearance between the center support and the subframe connectors is greater than 1/16", use the supplied shims.
- 13. The shims can be easily installed by backing out one bolt at a time and inserting the shim.
- Once any necessary shims are in place, slide flat washers over the hex bolts followed by locknuts and tighten to 35 lb-ft.
- 15. The installation is complete.





