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 TWRB-02
Fender Monte Carlo Brace
1964-70 Mustang and 1967-70 Cougar

Description: Fender Monte Carlo brace includes fender mounts and adjustable aluminum rods with rod ends

Applications: 1964-70 Mustang and 1967-70 Cougar

Note: Product will not fit late model fuel injection plenum

Total Control Products
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PARTS LIST

TCP TWRB-02 Fender Monte Carlo Brace 1964-70 Mustang

Qty	Part Number	Description
1	7907-050-35.00-S	Radius rod 1/2” thread x 35” long aluminum satin finish
1	7918-026.12	Hardware bag 1
1	7918-026.22	Hardware bag 2

7918-026.12 - Hardware Bag 1

Qty	Part Number	Description
8	3101-038-16C	Locknut 3/8-16 nylon insert
2	3101-050-13C	Locknut 1/2-13 nylon insert
1	3102-050-20LY	Jam nut 1/2-20 LH, yellow zinc plated
1	3102-050-20RC	Jam nut 1/2-20 RH, clear zinc plated
4	3104-038C1.00C	3/8-16 x 1” button head cap screw
4	3104-038C1.25C	3/8-16 x 1-1/4” button head cap screw
2	3104-050C1.75C	1/2-13 x 1-3/4” button head cap screw
1	3111-050X050-L	Rod end LH 1/2” thread x 1/2” bore
1	3111-050X050-R	Rod end RH 1/2” thread x 1/2” bore
16	3157-038S-C	Washer 3/8” flat SAE

7918-026.22 - Hardware Bag 2

2	7907-004	Monte Carlo brace fender bracket
2	7907-005	Monte Carlo brace fender bracket support

INSTRUCTIONS

1. Center the fender bracket against the angled section along the passenger-side inner fender just behind the battery tray area; approximately 12-1/2” from the rear edge of the radiator support to center of the 1/2” hole.

   The top edge of the bracket must be even with bottom of the corner’s radius where it meets the flat sheet metal.

   Fore/aft position can be varied for individual clearance issues.

2. Using a 1/8” bit, drill a hole through the center of one of the holes in the bracket.
3. Place the bent steel support bracket into position on the opposite side of the inner fender to verify that the pilot hole is at the correct height. Make adjustments to the pilot hole as necessary.

4. Using a 3/8” bit, drill one of the two holes needed to mount the bracket.

5. Bolt the aluminum fender bracket and steel support bracket to the inner fender using a 3/8” button-head bolts, two flat washers, and a locknut.

6. Tighten the hardware to 30 lb-ft.

7. Drill the second hole through the inner fender. Make sure the bracket is square to the top of the inner fender.

8. Install the second set of 3/8” mounting hardware and tighten to 30 lb-ft.

9. Place a piece of masking tape on the inner fender above the bracket to help prevent the paint from lifting or chipping.

10. From underneath the fender, use the support bracket as a guide to drill 3/8” diameter holes through the inner fender.
11. Use very light pressure to prevent damaging the paint on the top surface.

12. Install 3/8” button head bolt, two flat washers, and locknut. Tighten to 30 lb-ft.

13. This is the completed fender bracket install on the passenger side.

14. Repeat the procedure for the driver side inner fender.

15. Thread the jam nuts onto the rods ends. The yellow zinc jam nut indicates left-hand threads.
16. Apply a small amount of anti-seize to the rod-end threads.
17. Thread the rod ends completely into radius rod. Knurled end of radius rod indicates left-hand threads.
18. Leave the jam nuts loose.

19. Bolt the radius-rod assembly to the first fender bracket using a 1/2-13 x 1-3/4” button-head bolt, and locknut.

20. Tighten the fasteners to 40 lb-ft.

21. The length of the radius-rod assembly will have to be adjusted to line up with the second bracket. Hold the loose rod end to prevent it from rotating while adjusting. Thread engagement of each rod end must remain equal.
22. Secure the second end of the radius rod and tighten to 40 lb-ft.

23. Tighten both jam nuts to lock the adjusted length.
24. The install is now complete.

MODIFICATIONS

25. Vehicles equipped with A/C or centrifugal superchargers must bend the radius rod to allow clearance. Performing this modification requires some fabrication skills and the correct dimensions will vary based on application. Overall rod length will shorten as bends are added. Two examples of possible modifications are illustrated.