

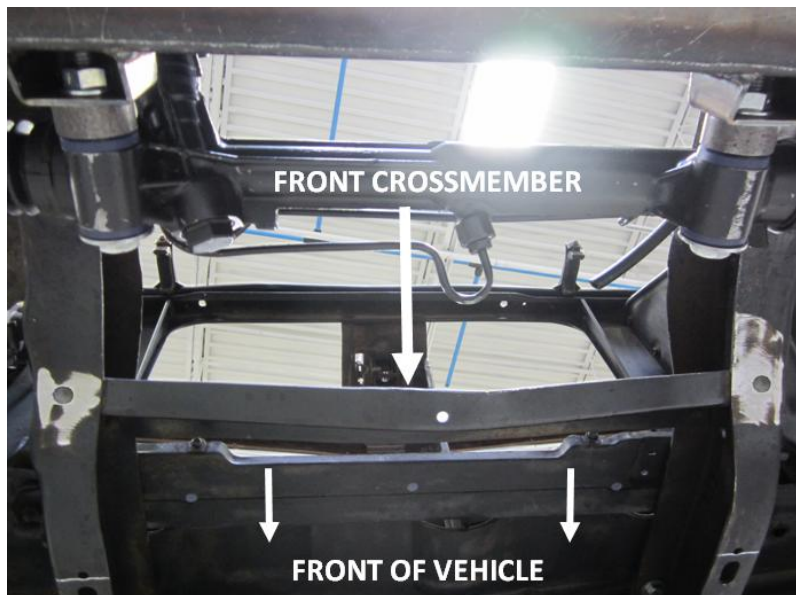
Installation Instructions
Chevy C-10 Front Subframe Sway Bar
Please read these instructions completely
***BEFORE* starting your installation!**

*****Assemble suspension on vehicle before powder-coating to ensure proper fitment, and to make modifications if necessary*****

Parts List:

- | | |
|--|--|
| 2) $\frac{1}{2}$ -20 Jam Nut | 2) $\frac{1}{2}$ -20 Nylock Jam Nut |
| 4) $\frac{1}{2}$ -20 x 1- $\frac{1}{2}$ Hex Head Bolt | 2) $\frac{1}{2}$ -20 Male Rod End |
| 2) $\frac{1}{2}$ -20 Female Rod End | 2) 1- $\frac{1}{16}$ " Sway Bar Collar |
| 1) 1" Sway Bar | 1) Sway Bar Bushing Set |
| 4) $\frac{3}{8}$ -24 x 1- $\frac{1}{2}$ Hex Head Bolts | 4) $\frac{3}{8}$ -24 Nylock Nuts |
| 8) $\frac{3}{8}$ Washers | 2) Sway Bar Mount Spacers |

1. Locate the front most crossmember of the truck. See **Figure 1**.



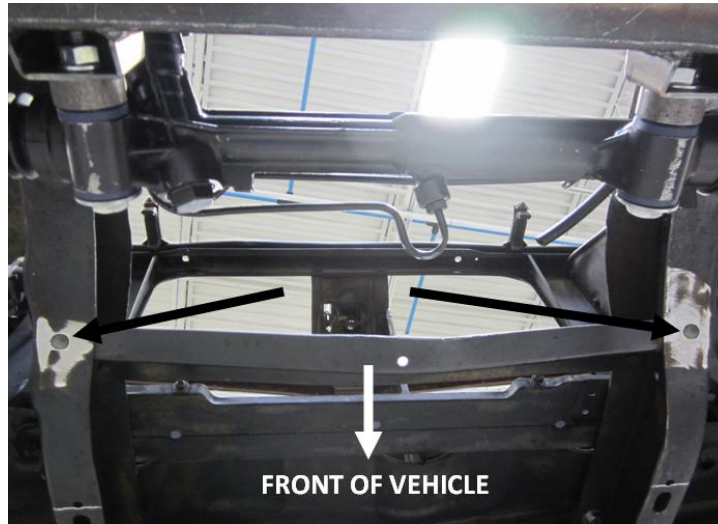
View From Under Vehicle Looking Forward

Figure 1

2. The two rivets securing the front crossmember will need to be removed. One method of doing this would be to use an air chisel and break the heads off of the rivet. Then use a punch and hammer out or impact drive out the rest of the rivet. Then the hole remaining must be drilled out to $\frac{3}{8}$ ". Repeat for the other side. See **Figure 2**.

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View From Below The Vehicle Facing Forward

Figure 2

3. The next step is mocking up the sway bar. To do so, use the $\frac{3}{8}$ -24 x 1- $\frac{1}{2}$ Hex Head Bolts, $\frac{3}{8}$ Washers, $\frac{3}{8}$ -24 Nylock Nut, Sway Bar, and Sway Bar Bushings. Slide the bushings, and brackets onto the sway bar. Line up the bracket with the holes from the rivets removed in **Step 2**, and bolt down the sway bar until it is **snug**, but you can still slide it back and forth in the slots. Use a washer on both sides; next to the bolt head, and one next to the nut. See **Figure 3**.



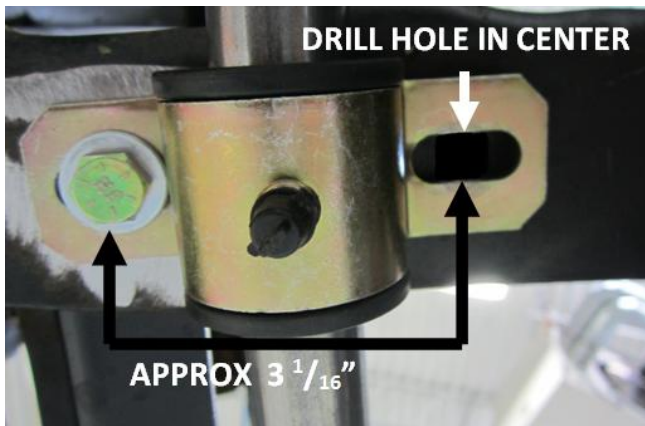
Bolt Installed, Centered On Bracket

Figure 3

4. After doing so, install a sway bar link on one side to further set the correct position of the sway bar. Do this by using the $\frac{1}{2}$ -20 x 1- $\frac{1}{2}$ Hex Head Bolts, $\frac{1}{2}$ -20 Nylock Nuts, $\frac{1}{2}$ -20 Male Rod End , and $\frac{1}{2}$ -20 Female Rod End provided. Now, position the bolts and washers in the center of the slots of the sway bar mount. Then, mark the center of the opposing slots, as this is going to be where you are going to drill the next holes for mounting the sway bar. The center of the hole to be drilled is going to be approximately 3 $\frac{1}{16}$ " away from the center of the rivet hole. See **Figure 4**.
5. Remove the sway bar, rod ends, hardware, and drill out the marked spot to a $\frac{3}{8}$ " hole.

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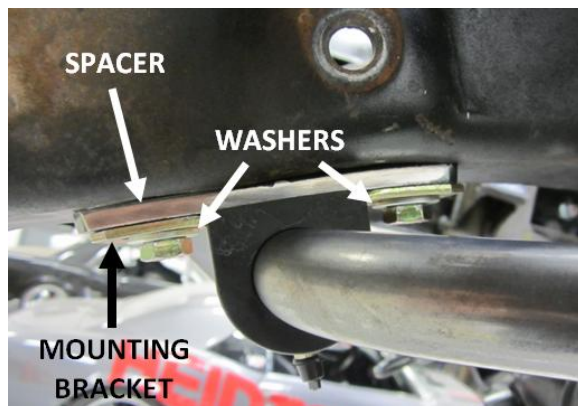
Sway Bar Mount



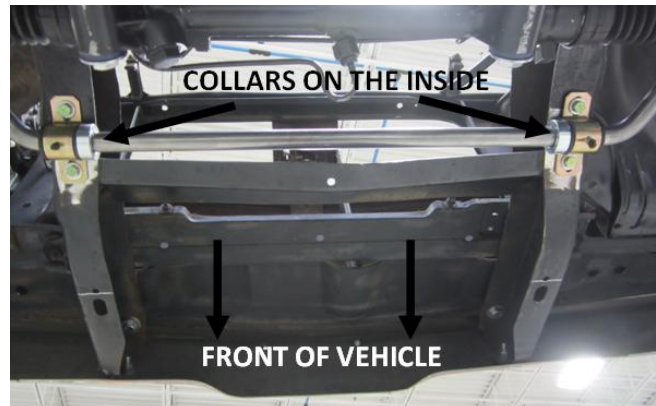
Rod Ends Installed, Drivers Side Wheel Well

Figure 4

6. Now, the sway bar is ready for final assembly. Install the sway bar collars on the inner side of the mounts, against the bushing. Insert the sway bar mount spacers between the bracket and the frame rail. Position the sway bar to be bolted down using the hole you had just drilled. Bolt down the mounts. (See **Figure 5**). Install **one** rod end. Before tightening down the nut on the rod end, make sure that there are at least three threads showing above the nut.



Sway Bar Spacer & Hardware



Collars on inside of frame rails

Figure 5

7. Tighten down the sway bar collars by tightening the set screw.
8. After tightening down the sway bar mount brackets, collars, rod end, and rod end nut, you must set the proper position for the sway bar rod ends. To do so, set the car down on all four wheels on level ground and have it sitting at your desired ride height. (With **only one** rod end installed). Install a rod end on the opposite side, though **only** bolt it to the control arm. Adjust its height until you can screw the last bolt into the sway bar without experiencing any drag from the rod end. Make sure at this point it screws in **very easily**. After tightening down the last bolt, tighten down the nut on the rod end. See **Figure 6**.

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Rod End Not Fully Aligned



Rod End Fully Aligned

Figure 6

9. Go over everything one last time to ensure that all bolts are properly torqued. Now you are ready to go out and enjoy your newly stabilized suspension!

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