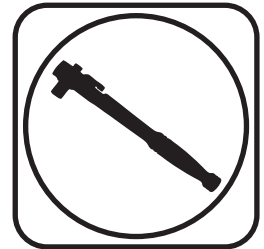




Part # 11289102 - 1965-1970 GM B-Body Rear SwayBar



Recommended Tools



1965-1970 GM B-Body Rear SwayBar Installation Instructions

Table of contents

Page 2..... Included Components and Hardware List

Page 3-4..... SwayBar Installation

Page 5..... SwayBar Installation and Adjustment

Hardware Torque Specifications

3/8"-16.....	30 ftlbs
7/16"-20.....	55 ftlbs
M10-1.5.....	37 ftlbs

Major ComponentsIn the box

Part #	Description	QTY
90002410	Rear SwayBar	1
90000740	Axle Bracket, 3" Axle Tube	2
70012496	Delrin Sway Bar Bushing Liner	2
90001250	Bushing Strap	2
90002539	SwayBar Bushing	2
90001251	1965-1966 Frame Tab, Driver	1
90001252	1965-1966 Frame Tab, Passenger	1
90002411	1967-1970 Frame Tab, Driver	1
90002412	1967-1970 Frame Tab, Passenger	1
70014301	Clamp Ring	2
70014207	Clamp On SwayBar End	2
90002571	10mm 90 Degree End Links	4
90001253	SwayBar End Link Spacer, 4"	2
90000088	7/16" U-bolt	2

HARDWARE KIT.....99010084

QTY	Part Number	Description
TAB TO FRAME		
4	99371005	3/8"-16 x 1 1/4" Hex Bolt
4	99373002	3/8" Flat Washer
4	99372001	3/8"-16 Nylok Nut

QTY	Part Number	Description
SWAYBAR TO AXLE		
4	99433002	7/16" SAE Flat Washer
4	99432002	7/16"-20 Nylok Nut
SWAYBAR END CLAMP		
4	99371054	3/8"-16 x 7/8" Socket Head Bolt
1	90002276	Antisieze

Getting Started.....

This SwayBar Kit utilizes a Delrin Liner in the SwayBar Bushing. The Delrin Liner allows the SwayBar to move freely and quietly in the Bushing. The Delrin is self-lubricating, no lubrication is required.

The kit contains 2 different sets of frame brackets to accommodate the different frame variations. One set of frame brackets fit 1965-1966, the 2nd set of frame brackets fits 1967-1970. **Steps 11a & 11b** illustrate the differences between the brackets.

THIS SWAYBAR ATTACHES TO THE AXLE AND FRAME.

1. Jack the vehicle up to a safe working height and support with jack stands. Make sure the jack stands are stable before working under the car.
2. Remove the stock sway bar if the car is equipped with one.



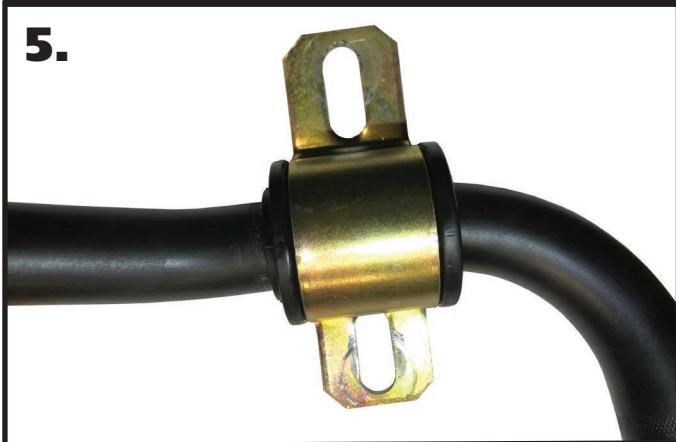
3.

3. Open the Delrin Liner at the split and slip it over the SwayBar. Position it in the center of the straight area that it will ride in. Do this on both ends of the swaybar.



4.

4. Open the SwayBar Bushing at the split and slip it **OVER** the Delrin Liner. Do this on both Delrin Liners.



5.

5. Install the Bushing Straps over the SwayBar Bushings.



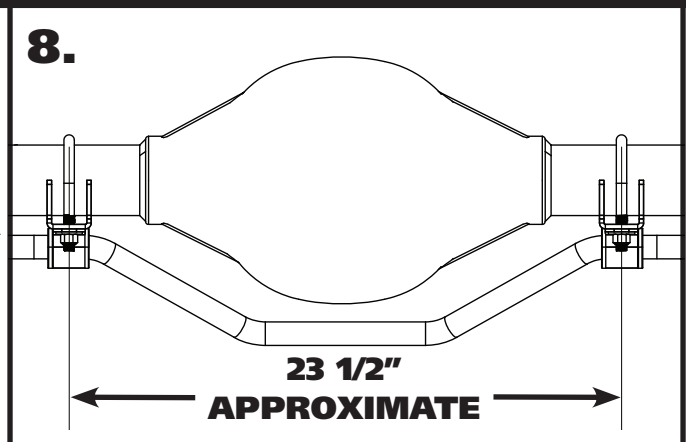
6.

6. Install the U-bolts onto the axle tube with the threads pointing down. You may need to raise the brake lines in the area of the u-bolts. The u-bolts will be approximately 23 1/2" apart and equal distance on each side from the brake backing plates



7.

7. Install an Axle bracket onto each u-bolt with the flat side to toward the ground.



8.

8. **Diagram 8**, illustrates the correct installation of the sway bar. Again, the axle brackets will be approximately 23 1/2" from center to center. The mounts should be spaced equal amounts from the brake backing plates, centering the sway bar on the axle.



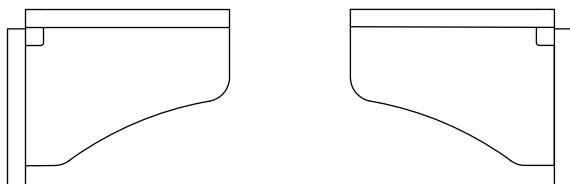
9. Hold the SwayBar in position on the car with the center bend toward the ground. Install a 7/16" Flat Washer & 7/16"-20 Nylok Nut on the threads of the u-bolts. Snug the hardware down and verify the swaybar is centered and the axle mounts are level. Torque the u-bolt hardware.



10. Apply Antisieze to (4) 3/8"-16 x 7/8" Socket Head Cap Screws and thread them into the Clamp-On Ends. Install a clamp-on end on each end of the bar. The End Link mounting hole should be mounted to the outside of the bar and pointing down. Start with the mount flush with the end of the bar.

11a.

1965 - 1966



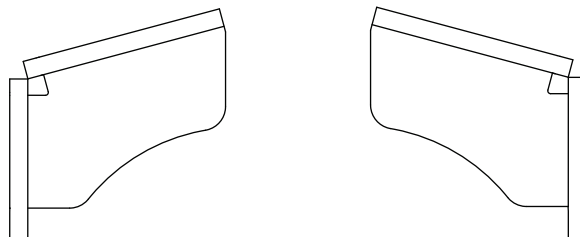
DRIVER

PASSENGER

AS VIEWED FROM THE REAR OF THE CAR

11b.

1967 - 1970



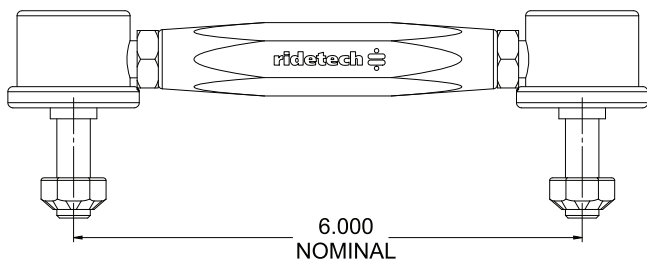
DRIVER

PASSENGER

AS VIEWED FROM THE REAR OF THE CAR

11a & 11b. Diagrams 11a & 11b are to help you determine the correct frame brackets for your car. The brackets in 11a fit, 1965-1966. The mounting holes are perpendicular to the sway bar linkage tab. The brackets in 11b, fit 1967-1970. The mounting holes in the 1967-1970 brackets are angled. Both sets of brackets are viewed from the rear as they would be installed on the car. Each bracket has a **RIDETECH** logo stamped in the front side.

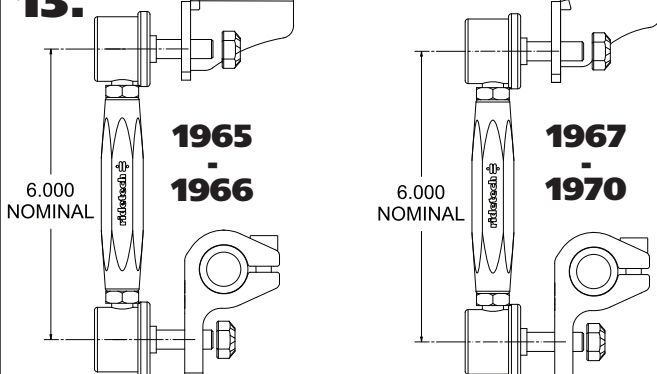
12.



6.000
NOMINAL

13.

DRIVER



6.000
NOMINAL

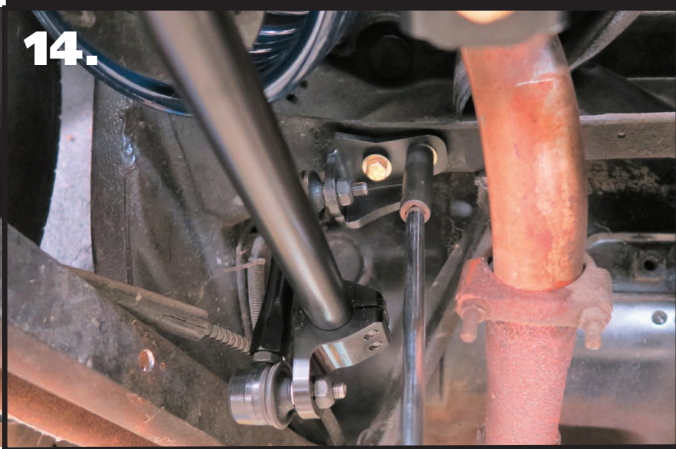
**1965
-
1966**

6.000
NOMINAL

**1967
-
1970**

12. Assemble the end links. Thread the jam nut up the shank of the 90° end link. Thread and end link end each end of the center adjuster until they reach the jam nuts. Thread the end links out evenly until you have a measurement of 6" from center to center of the 90° ends. The studs of the 90° ends need to be pointing in the same direction. Snug the jam nuts against the center adjuster.

13. Determine the correct frame bracket for your year of car. Attach the SwayBar Linkage to the Clamp-On Mount using the hardware on the linkage. Attach the correct tab to the top of the linkage with the gusset to the front. Use **Diagram 12** as a reference. Attach the linkages and tab to both sides.



14.

14. Swing the tab up to the frame, keeping the linkage straight from side to side. Use the tab to mark the location of the holes that will need to be drilled. Drill the holes with a 3/8" drill bit. Install a 3/8" flat washer on each of (2) 3/8"-16 x 1 1/4" hex bolts and install them through the bracket and drilled holes. Install a 3/8" flat washer & 3/8"-16 nylok nut on each bolts sticking through the frame. Torque the hardware and repeat on the other side.

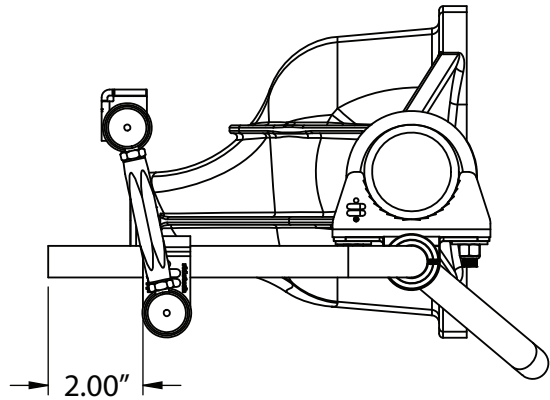
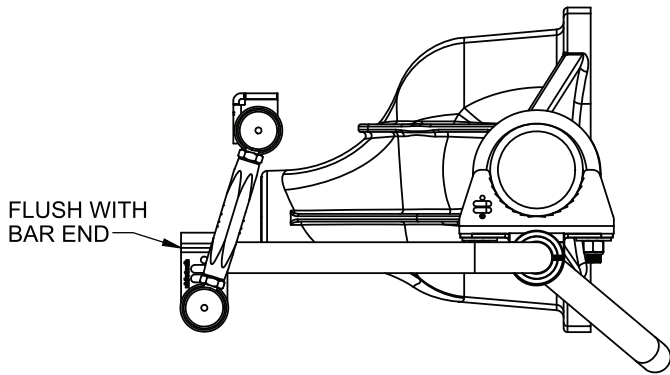


15.

15. Install the locking rings on the inside of each bushing assembly. Use a hex key to take the locking ring apart. Reassemble it on the bar positioned next to the outside of the bushing assembly. Push the locking ring up against the bushing assembly and tighten.

MINIMUM RATE 177 LB/INCH

HIGH RATE 255 LB/INCH



16. We recommend getting the swaybar as level as possible at ride height and with no preload. Both of these steps are done by adjusting the end links. These end links can be adjusted from 6" to 6 3/4". Disconnect the end links from the swaybar and adjust one side to get the swaybar level. Reattach the end link to the swaybar and adjust the 2nd end link so that it goes in and out of the clamp-on mount with ease. This will be zero preload. The rate of this sway bar is also adjustable. This is possible by changing the position of the clamp-on ends on the bar. The standard setting is with the clamp-on mounts even with the end of the bar, stiffest is with the clamp-on end positioned 2" from the end of the swaybar. The Diagram below shows the clamp-on mount in the softest and stiffest settings. The position of the mounts will be determined by several factors; spring rate, front bar size, and even tire size. We recommend running this rear sway bar with Ridetech's front sway bar (11289120) for the best performance.