

Technical Support Line: (952) 985-5675 Email: sales@QA1.net

## INSTALLATION INSTRUCTIONS

QA1 P/N 52851

'71-'96 GM B-Body Rear Sway Bar

## TOOLS AND SUPPLIES REQUIRED

- Floor Jack
- Jack Stands
- Ratchet & Socket Set
- Torque Wrench

## PRE-INSTALLATION NOTES-

Some exhaust systems will need to be re-routed for sway bar clearance. Be sure to check exhaust to sway bar clearance at ride height.

## REMOVAL-

1. Raise and support the vehicle with jack stands on a level surface.
2. Remove the factory sway bar mounting hardware and remove the sway bar (if equipped).



Figure 1

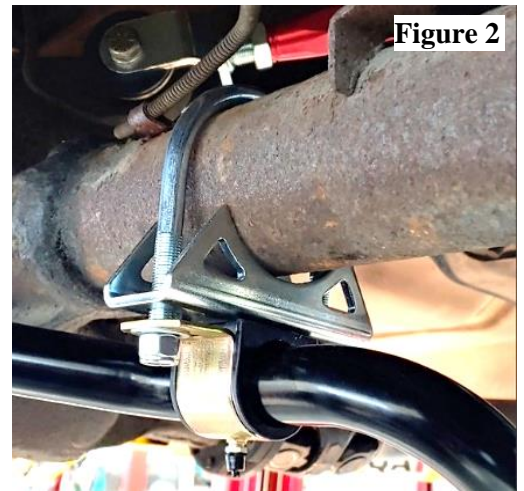


Figure 2

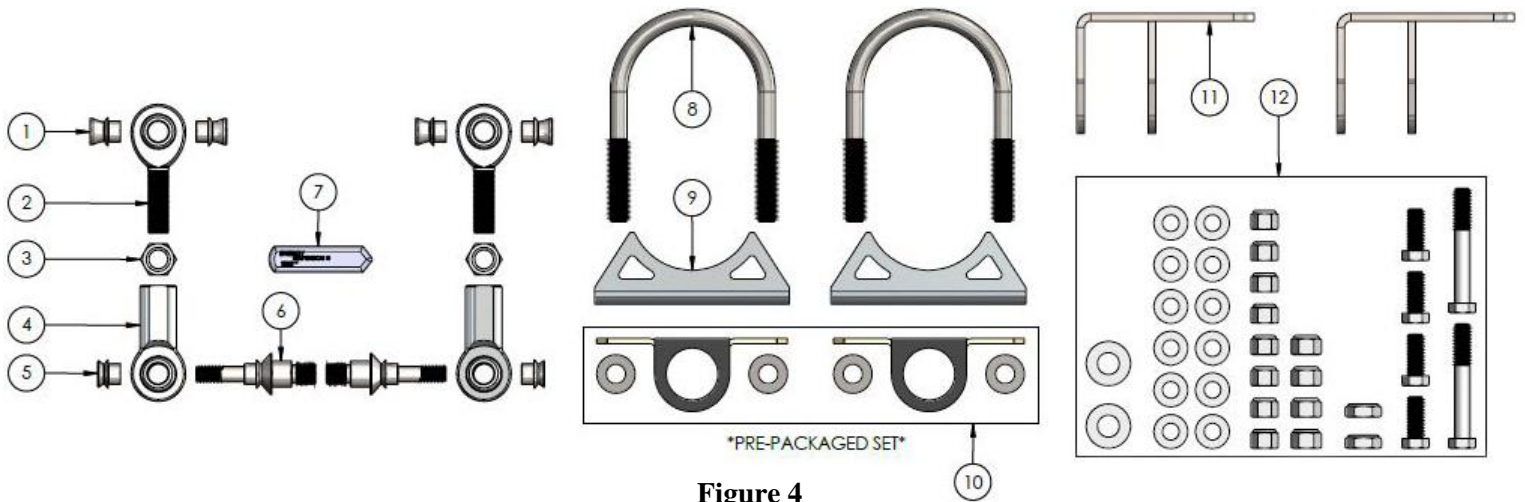
## INSTALLATION-

1. Loosely mount the sway bar to the axle using the included u-bolt kit and sway bar bushing clamps. A small amount of the included grease on the inner bushings where the bar will contact is recommended. The legs of the bar should be pointing towards the front of the vehicle and the rear of the bar biased downward. **(Figure 1-3)** Leave the u-bolt connection loose until the bar is fully installed so the angle of the mount can be adjusted.



Figure 3

- Assemble the link using the male and female rod ends with jam nuts. Apply a small amount of anti-seize on the threads before assembling. **(Figure 4)**



**Figure 4**

BALLOON #	ITEM #	DRAWING #	DESCRIPTION	QTY.
1	SG8-67	SG8-67	HIGH MISALIGNMENT SPACER, SS	4
2	XMR8	XMR8	ROD END (X) ENDURA ALLOY HT	2
3	JNR8S	JNR8S	JAM NUT, STEEL 1/2-20 RH	2
4	XFR8	XFR8	ROD END (X) ENDURA ALLOY HT	2
5	SG8-64	SG8-64	HIGH MISALIGNMENT SPACER, .5" OD	2
6	9029-309	1004621	HIGH MISALIGNMENT STUD	2
7	9071-109	40-5032	TUBE, TEFLON LUBE (POLY BUSHING LUBE)	1
8	9012-204	68-9626	U-BOLT, 7/16-20 X 3.125" X 4.5"	2
9	9037-628	1004698	BRACKET, AXLE SADDLE MOUNT, 3 INCH	2
10	9032-171	40-5060	BUSHING, SWAY BAR FRAME MOUNT 1-1/4"	1
11	9037-1015	1006289	WELDMENT, SWAY BAR MOUNT	2
12	7039-319	1006292	HARDWARE KIT, REAR SWAY BAR, 52851	1

- Attach the end link to the sway bar with the rod end of the end link outboard of the sway bar (wheel side of the bar) using one 3/8" washer and one nyloc nut. **(Figure 5)**



**NOTE-**

The frame brackets will be mounted to the upper trailing arm crossmember using one of the existing holes in the crossmember to locate the bracket. **(Figure 6)** This bracket can be installed facing inboard or outboard depending on the clearances needed. Exhaust routing could interfere with sway bar mounting and the bracket position should be adjusted as needed."

- Mark and drill the best location where the upper bracket meets the crossmember. The end link should mount to the crossmember to provide no more than 15 degrees of vertical angle.
- Mount the bracket to the crossmember using 3/8" x 1" hardware with two washers and one nyloc nut per connection. **(Figure 7)** Torque to 31 lb. ft.
- Attach the end link to the bracket using 3/8" x 2.75" hardware with two washers and one nyloc nut per connection.





7. With the vehicle at ride height, rotate the axle connections as needed to allow the end link to be as vertical as possible. When complete, torque the u-bolt connections to 50 lb. ft.
8. Double check all bar clearances at ride height before driving.



**Figure 7**



# DEDICATED TECH SUPPORT

QA1 is dedicated to providing quality support and instructions. We employ passionate racers and car enthusiasts that know our products and the industry to better serve you.

*CHECK US OUT ON YOUTUBE!*



- Frequently Asked Questions
- Quick Tips
- Install Information
- Tuning and Repair Guides
- Other Technical Information



- [linkedin.com/company/qa1](https://www.linkedin.com/company/qa1)
- [instagram.com/qa1motorsports](https://www.instagram.com/qa1motorsports)
- [facebook.com/qa1motorsports](https://www.facebook.com/qa1motorsports)

[www.qa1.net/tech](http://www.qa1.net/tech)



**Technical Support Line: (952) 985-5675 Email: sales@QA1.net**

READ ALL INSTRUCTIONS CAREFULLY AND THOROUGHLY PRIOR TO STARTING INSTALLATION. PRODUCTS THAT HAVE BEEN INSTALLED ARE NOT ELIGIBLE FOR RETURN. USE THE PROPER JACKING LOCATIONS. DEATH OR SERIOUS INJURY CAN RESULT IF INSTRUCTIONS ARE NOT CORRECTLY FOLLOWED. A GOOD CHASSIS MANUAL, AVAILABLE AT YOUR LOCAL PARTS STORE, MAY ALSO AID IN YOUR INSTALLATION.

**• DISCLAIMER / WARRANTY •**

QA1 WARRANTS THAT THE PRODUCTS WILL BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP FOR ONE YEAR FROM DATE OF SALE TO THE ORIGINAL PURCHASER. QA1 MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. QA1 SHALL HAVE NO OBLIGATION UNDER THE FOREGOING WARRANTY WHERE THE DEFECT IS THE RESULT OF IMPROPER OR ABNORMAL USE, YOUR NEGLIGENCE, VEHICLE ACCIDENT, IMPROPER OR INCORRECT INSTALLATION OR MAINTENANCE, NOR WHEN THE PRODUCT HAS BEEN REPAIRED OR ALTERED IN ANY WAY. QA1'S LIABILITY IN THE CASE OF DEFECTIVE PRODUCTS SUBJECT TO THE FOREGOING WARRANTY SHALL BE LIMITED TO THE REPAIR OR REPLACEMENT, AT QA1'S OPTION, OF THE DEFECTIVE PRODUCTS.

THE USER UNDERSTANDS AND RECOGNIZES THAT RACING PARTS, SPECIALIZED STREET ROD EQUIPMENT, AND ALL PARTS AND SERVICES SOLD BY QA1 ARE EXPOSED TO MANY AND VARIED CONDITIONS DUE TO THE MANNER IN WHICH THEY ARE INSTALLED AND USED. QA1 SHALL BEAR NO LIABILITY FOR ANY LOSS, DAMAGE OR INJURY, EITHER TO A PERSON OR TO PROPERTY, RESULTING FROM THE INSTALLATION, DIRECT OR INDIRECT USE OF ANY QA1 PRODUCTS OR INABILITY BY THE BUYER TO DETERMINE PROPER USE OR APPLICATION OF QA1 PRODUCTS. WITH THE EXCEPTION OF THE LIMITED LIABILITY WARRANTY SET FORTH ABOVE, QA1 SHALL NOT BE LIABLE FOR ANY CLAIMS, DEMANDS, INJURIES, DAMAGES, ACTIONS, OR CAUSES OF ACTION WHATSOEVER TO BUYER ARISING OUT OF OR CONNECTED WITH THE USE OF ANY QA1 PRODUCTS. MOTORSPORTS ARE DANGEROUS; AS SUCH, NO WARRANTY OR REPRESENTATION IS MADE AS TO THE PRODUCT'S ABILITY TO PROTECT THE USER FROM INJURY OR DEATH. THE USER ASSUMES THAT RISK!