

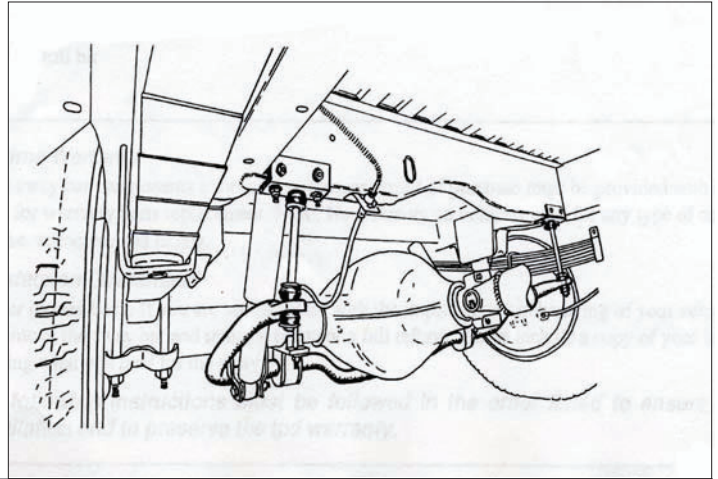


Thank you for purchasing this anti-sway bar kit. Please read through these instructions before installation.

Installation Instructions

Rear Anti-Sway Bar Kit for Chevrolet G30

part #1109-121
1-1/4" diameter



INTRODUCTION

Thank you for purchasing this rear anti-sway bar kit. These components are designed to improve the handling characteristics of your Chevrolet G30 by reducing the body roll and balancing the weight transfer during cornering. The anti-sway bar kit is engineered for long life and trouble-free performance. For maximum suspension control, use this kit along with our front anti-sway bar kit. All the hardware needed for installation is included in this kit. Refer to the PARTS LIST in these instructions to identify the parts.

SUGGESTED TOOLS

The following tools are suggested to complete the installation procedures:

- General hand tools
- 7/16" Drill bit
- Jack stands, 2 (optional)
- 1/2" Electric drill
- Floor jack, 5 ton (optional)

WARNING

- If raising the vehicle to install the anti-sway bar, always support the vehicle with jack stands at both frame rails or at the rear axle before working underneath. Ensure that the jack stands are securely positioned, and are rated at or above the weight of the vehicle.
- The installer must read the instructions and use all bolts and parts supplied. Use only the parts supplied by ROADMASTER to install this kit.
- Minor modifications are sometimes necessary due to slight vehicle variations, even for the same year, make and model.
- If running changes were made by the manufacturer after this kit was designed, there may be weldments, braces, gussets, or other structural items which interfere with the installation. It is the installer's responsibility to allow for these running changes without sacrificing the structural integrity of the anti-sway bar. Failure to securely fasten the anti-sway bar could result in property damage,

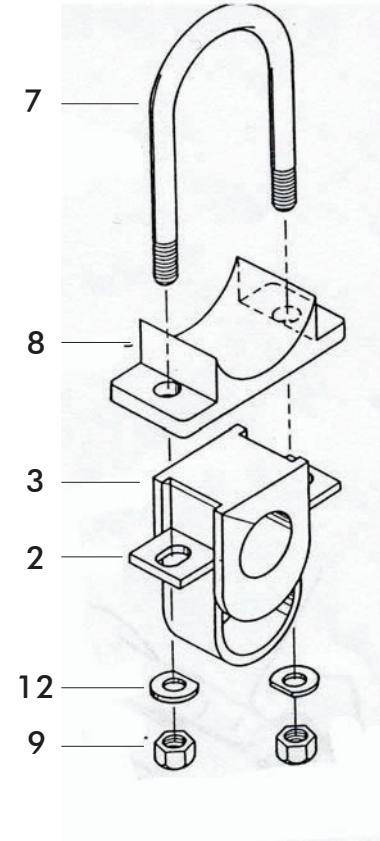
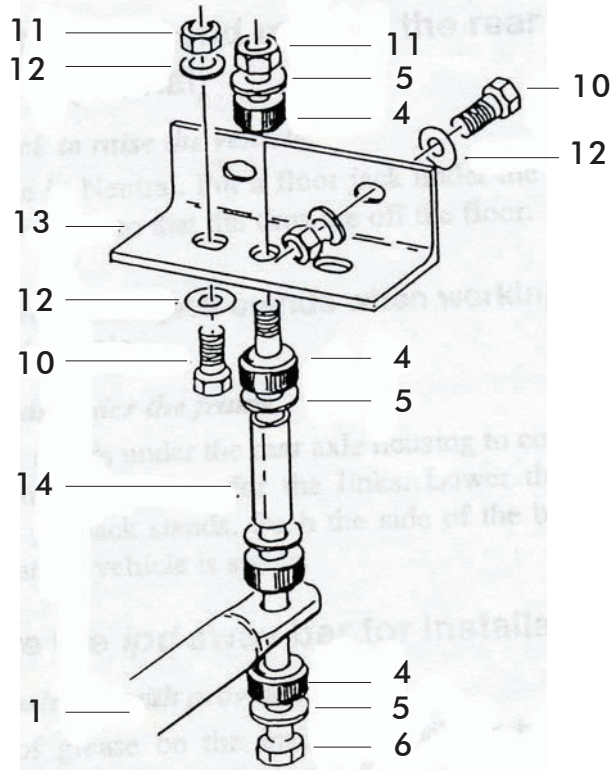
personal injury or even death.

- ROADMASTER will not be responsible for any damage or injury resulting from any modification or alteration.
- Check ALL the fasteners for tightness before and after road testing the vehicle.
- Do not use this document for custom fabrication, as it may not show all parts or structural components.
- Do not use an air impact wrench when re-installing bolts, as stripped threads may result.
- This anti-sway bar is only warranted for the original installation. Installing a used anti-sway bar on another vehicle is not recommended and will void the warranty.

WARNING

Failure to follow these instructions can result in property damage, personal injury or even death.

PARTS LIST



Part #1109-121

Part #	Description	Qty
1. 580011-00	Sway bar	1
2. B141	Bracket Saddle	2
3. 205221-10	Bushings, Poly	2
4. 205381-00	Grommet, Poly	8
5. 357432-00	Washer, Cup	8
6. 350069-00	Bolt, 3/8" x 9-1/2" NC	2
7. 357359-00	U-Bolt, 1/2" NF	2
8. 480013	Bracket, Cast iron	2

Part #	Description	Qty
9. 350259-04	Locknut, 1/2" NF	4
10. 350055-00	Bolt, 3/8" x 1" NC	8
11. 350255-00	Locknut, 3/8" NC	10
12. 350304-00	Washer, Cut 3/8"	16
13. B154	Bracket	2
14. 205509-00	Spacer, 3/8" x 4 -1/2"	2
15. 350308-00	Washers, Cut 1/2"	4
16. 400011-30	Aquagalube	1

INSTALLATION

The following instructions must be followed in the order listed to ensure a proper installation and to preserve the ROADMASTER warranty.

1. Support the vehicle and remove the rear wheels (optional).

Use a floor jack to raise the vehicle.

Before beginning this installation, unload the suspension to allow safe access to the underside of the vehicle. You can use a hoist or jack stands to accomplish this.

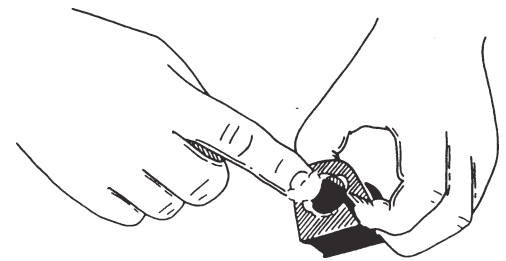
WARNING

If raising the vehicle to install the anti-sway bar, always support the vehicle with jack stands at both frame rails or at the rear axle before working underneath. Ensure that the jack stands are securely positioned, and are rated at or above the weight of the vehicle.

Put the jack stands under the frame.

Place the jack stands under the rear axle housing to correctly locate the mounting points for the links. Lower the axle housing onto the jack stands. Push the side of the body to make sure that the vehicle is stable.

Figure 1



2. Prepare the anti-sway bar for installation.

Lubricate the bushings with the provided grease.

Put a coat of grease on the inside of each bushing (Figure 1). Put the bushings on the bar close to the outer bend. Place the saddle brackets over the bushings.

3. Loosely mount the anti-sway bar to the rear axle.

Install the U-bolts for the anti-sway bar mounts.

Place the U-bolts over the axle tube, facing down.

WARNING

The brake line will need to be pried away from the axle tubes. DO NOT clamp over the brake line. Also DO NOT kink the brake line. If brake line is clamped or kinked, the vehicle brakes may fail. Failure to follow these instructions can result in property damage, personal injury or even death.

Put the cast brackets onto the U-bolts.

Hint: two large rubber bands are helpful in holding the cast brackets onto the U-bolts while the anti-sway bar is being lifted into place.

INSTALLATION

Install the anti-sway bar to the axle using the U-bolts and brackets.

The anti-sway bar will be forward of the driver's side shock and rear of the passenger's side shock.

4. Install frame plates.

Fit the provided angle plate to the frame cross-member.

Clamp the angle plate to the cross-member (using locking pliers) as close to the frame rails as possible. **DO NOT** hand-hold the plate when drilling. Use as a template and drill five 3/8" holes.

Attach the angle plate with the bolts.

Use the provided 3/8" x 1" bolts to secure the plates to the cross-member.

5. Install the end links.

Assemble the end links. Refer to the illustration on page 2 for proper order of parts.

Tighten all fasteners.

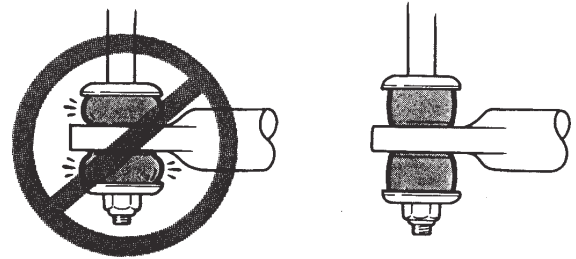
DO NOT over tighten end link bolts. Grommets should just be tight enough that you can't spin them with your fingers. Refer to Figure 2.

WARNING

Over-tightening the grommets and end link bolts may cause premature failure of the grommets and/or the end links. If the grommets fail, the anti-sway bar will not stabilize the vehicle at full capacity, which may cause reduced cornering ability or other reductions in vehicle handling or performance.

Failure to follow these instructions may result in property damage, personal injury or even death.

Figure 2



INSTALLATION

6. Test drive and recheck fasteners.

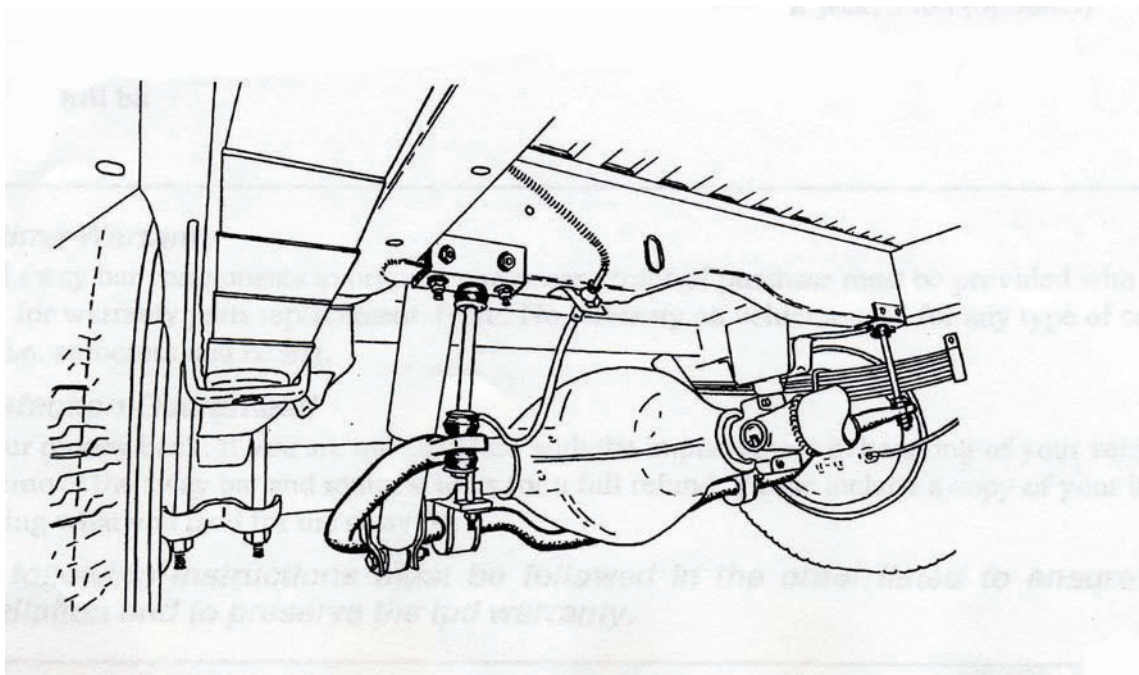
Install the wheels, lower the vehicle and test drive.

Install the wheels and lug nuts. Use the jack to remove jack stands. Tighten the lug nuts to specified tightness. During the test drive, listen for unusual noise or any feelings of looseness. Check all fasteners for proper tightness when finished.

WARNING

After road testing, re-check all fasteners for proper tightness — if a fastener has worked loose or fallen off, re-tighten or replace it. Without all kit components properly tightened or in place, the anti-sway bar will not stabilize the vehicle at full capacity, which may cause reduced cornering ability or other reductions in vehicle handling or performance.

Failure to follow these instructions may result in property damage, personal injury or even death.



WARNING

The anti-sway bar is not a load-bearing component

Do not tow or hoist the vehicle using the anti-sway bar or its mounting brackets as attachment points. The anti-sway bar is not designed to carry the weight of the vehicle and may collapse, which will damage the anti-sway bar components, the suspension, or other components. The vehicle will detach or fall, which may cause severe personal injury.

Failure to follow these instructions may result in property damage, personal injury or even death.