



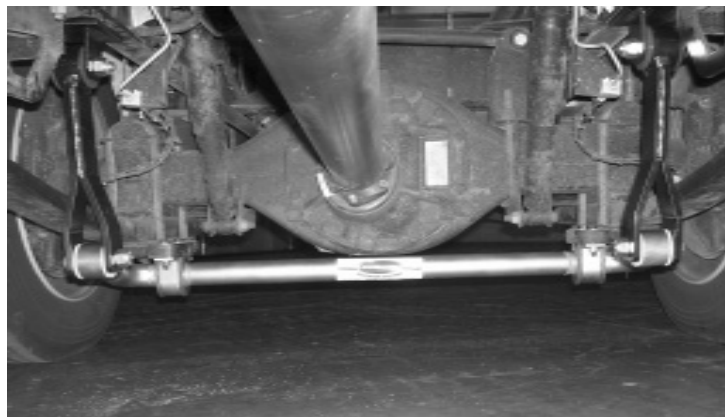
Installation Instructions

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

Rear Anti-Sway Bar Kit for the Kodiak 4500/5500

part #1109-159

1 $\frac{3}{4}$ " diameter



INTRODUCTION

Thank you for purchasing this anti-sway bar kit. This kit is designed to improve the handling characteristics of your Kodiak 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.

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
- Standard drill bits
- Drill

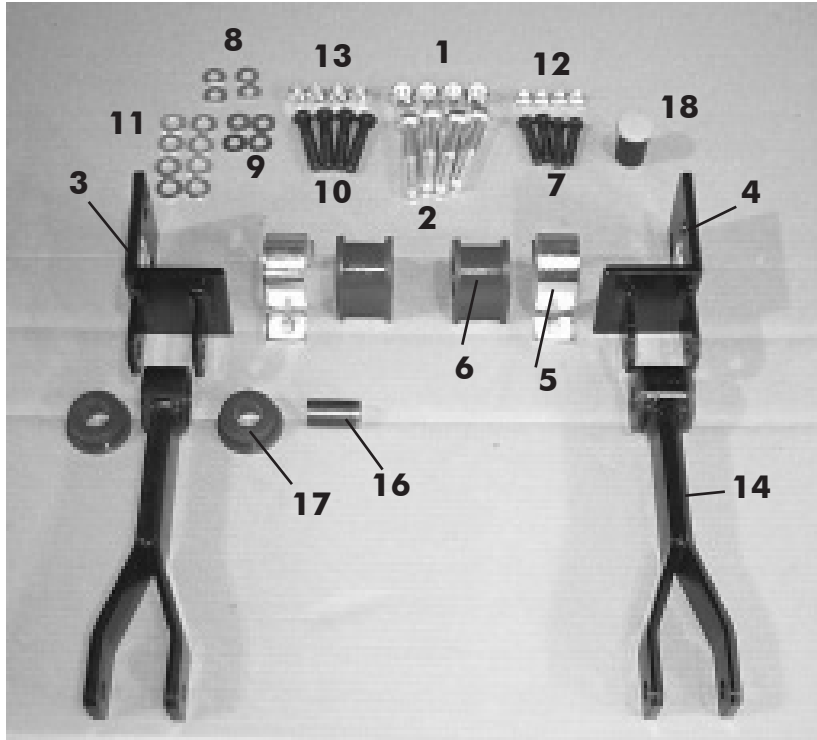
WARNING

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

- 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.
- Regardless of year, make and model, a wide range of options for specific applications may or may not interfere with the installation. It is the installer's responsibility to make certain that equipment is not damaged once the suspension solution travels through the full range of motion. Failure to ensure adequate clearance could result in non-warranty property damage, personal injury or even death.

- 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.

PARTS LIST



Part #1109-159

Part #	Description	Qty	Part #	Description	Qty
1	350263-00 Nylock lock nut 5/8"	4	10	350099-80 Bolt 1/2" x 2.5	4
2	350163-00 Cap screw 5/8"	4	11	350308-20 Flat Washer 1/2"	8
3	B303 Bracket shackle	1	12	350256-02 Locknut 7/16"	4
4	B304 Bracket shackle	1	13	350259-00 Nut 1/2"	4
5	B140 Bracket	2	14	B279 End link	2
6	205220-10 Bushings 1- 3/4"	2	15	205209-00 Bushing *	4
7	350076-80 Bolt 7/16" x 2" NC	4	16	205503-00 Sleeve	4
8	350304-30 D Cut Washer 3/8"	4	17	205202-10 Bushing	4
9	350304-80 Cut Washer 3/8"	4	18	400011-30 Aqualube grease	1

* not pictured

INSTALLATION

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

1. Drill out the factory anti-sway bar mounting plates.

Start by drilling the factory anti-sway bar mounting plates out to 15/32" (Figure 1, 2).

2. Clamp the frame brackets into position.

Now, clamp the B303 and the B304 brackets into position with the finger clamps. Locate the frame brackets in between the rear axle and the front leaf spring brackets (Figure 3, 4).

3. Drill the holes for the frame brackets.

Once the frame brackets are clamped into position, mark the holes, remove the brackets and drill the holes. Start with a small pilot hole and finish with a 17/32" hole.

4. Install the frame brackets.

Using the (350099-80) bolts, (350308-20) 1/2" flat washers and (350259-00) lock nuts, install the frame brackets.

5. Assemble and connect the drop links.

Install the bushings (205209-00) and sleeves (205503-00) into the drop links and attach to the frame brackets on each side. Tighten to 30-45 ft.-lbs.(Figure 4).

6. Mount the anti-sway bar.

Using the supplied grease, lubricate the anti-sway bar bushings (Figure 5), and install onto the anti-sway bar. Using the B140 brackets, mount the anti-sway bar to the factory plates that you drilled in step 1.

Figure 1

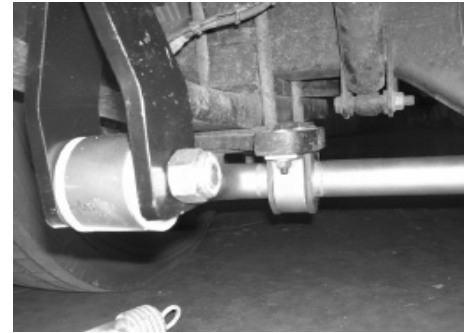


Figure 2

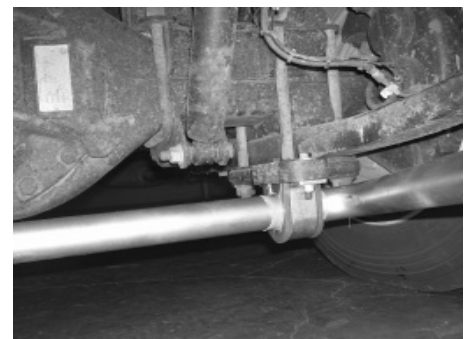


Figure 3

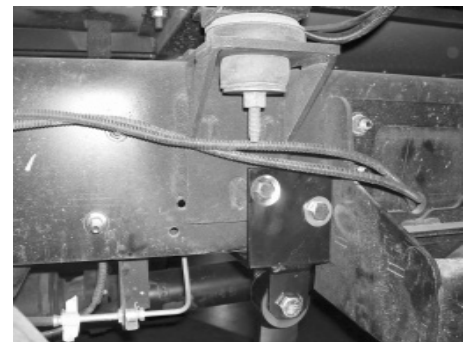
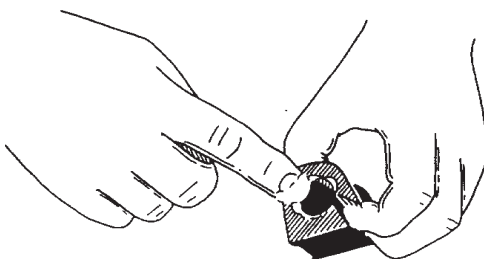


Figure 4



Figure 5



INSTALLATION

7. Connect the anti-sway bar to the drop links.

Rotate the anti-sway bar up to the drop links. Bolt together using the (350163-00) 5/8" bolts and (350263-00) lock nuts, and torque to 60-75ft.-lbs. Make sure all the fasteners are tightened.

8. Road test.

Test drive, listen for any unusual noises. Re-inspect installation.



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.