



Installation Instructions

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

Rear Anti-Sway Bar Kit for Sprinter Van

part #1209-110
1½" diameter



INTRODUCTION

Thank you for purchasing this anti-sway bar kit. This kit is designed to improve the handling characteristics of your Sprinter 3500 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 shock absorbers and 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

SUGGESTED TOOLS

The following tools are suggested to complete the installation procedures:

- General hand tools
- 18mm socket and wrench
- Loctite

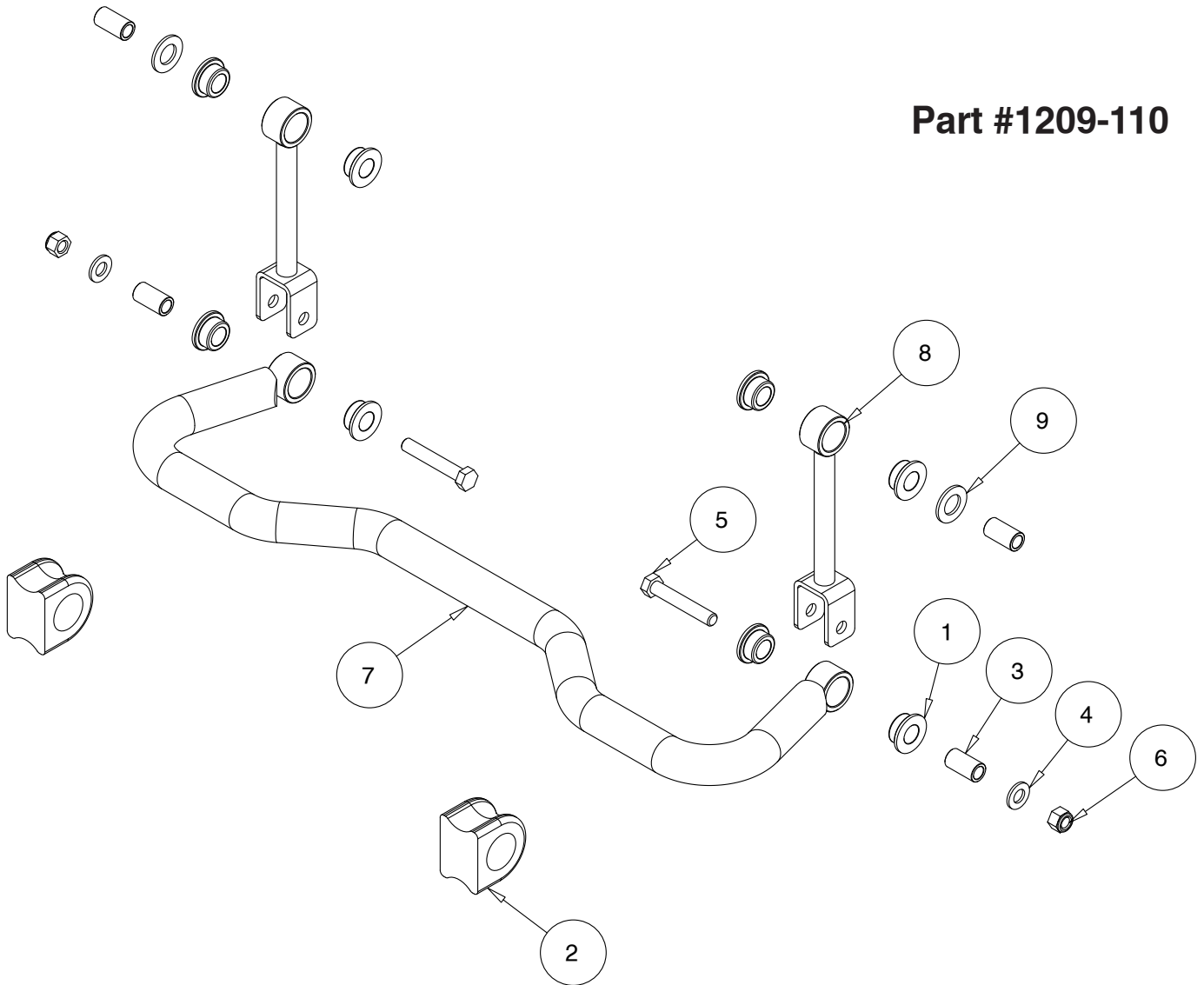
⚠ WARNING

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 #1209-110



ITEM	QTY	MATERIAL	NAME
1.....	8.....	BUSHING	205223-50
2.....	2.....	BUSHING	205401-10
3.....	4.....	BUSHING SLEEVE	205522-00
4.....	2.....	1/2" HARDENED FLAT WASHER	350308-80
5.....	2.....	1/2-13 x 3" BOLT - GRADE 8	350706-00
6.....	2.....	1/2-13 NYLON INSERT LOCK NUT - GRADE 8	350735-00
7.....	1.....	ANTI-SWAY BAR.....	580541-00
8.....	2.....	END LINK	B1103
9.....	2.....	3/4" SAE WASHER.....	350314-20
10.....	1.....	AQUALUBE	400011-30
11.....	1.....	LOCTITE.....	200544-00

INSTALLATION

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

1. Remove the factory anti-sway bar.

Remove the bar and disconnect the end links from the frame. They will not be replaced. Retain the hardware for the new end links.

WARNING

The anti-sway bar is heavy, and may cause property damage or personal injury if it falls on equipment, engine components or any part of your body. Ensure that the anti-sway bar is supported and that you are out of the way when removing the brackets.

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

2. Assemble and install the end links.

Assemble the end links as shown in the drawing on page 2. Then, install the end links to the frame using the factory holes and hardware removed in the previous step. *Note: Use Loctite on the nuts and bolts of the assembly.*

3. Install the bushings in the anti-sway bar rings.

Using the drawing on page 2 as a reference, assemble the supplied sway bar bushings in the rings. Then, with the assistance of a second person, hang the sway bar from the end links and bolt through the bushings and rings using the supplied 3" bolts.

4. Grease the poly bushings and then install on the bar.

Rotate the anti-sway bar up and reinstall the factory bushing clamps (Figure 1 and Figure 2). Then, tighten the bushing clamp and end link bolts to 88 ft./lbs.

5. Recheck all fasteners and then test drive. Recheck fasteners after the test drive.

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.

Figure 1



Figure 2

