



Installation Instructions

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

Rear Anti-Sway Bar Kit for Ram 4500/5500

part #1129-148
1-3/4" diameter



INTRODUCTION

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

- Standard and metric hand tools
- Jack stands (2)

WARNING

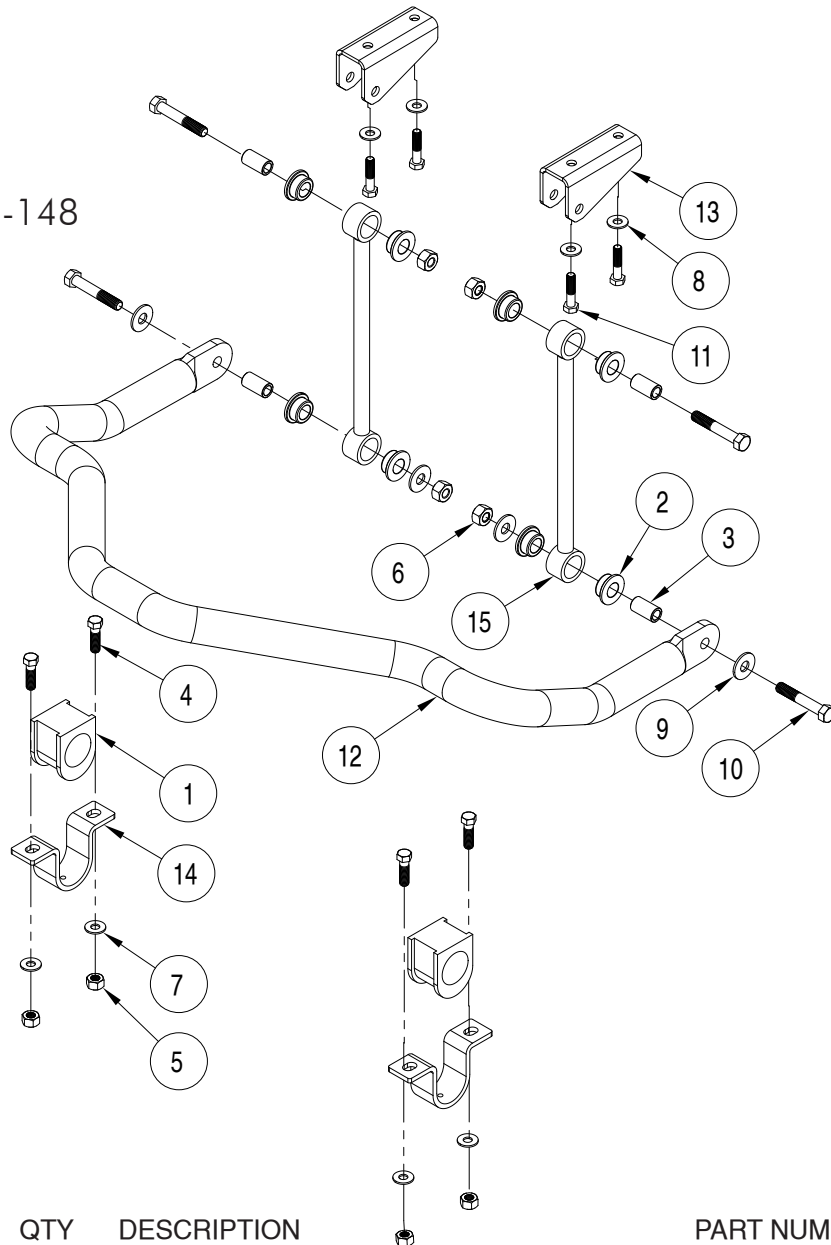
Failure to follow these instructions can result in property damage, personal injury or even death.

- 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 #1129-148



ITEM	QTY	DESCRIPTION	PART NUMBER
1.....	2.....	BUSHING	205220-20
2.....	8.....	BUSHING	205223-50
3.....	4.....	BUSHING SLEEVE	205522-00
4.....	4.....	7/16-14 x 1 1/2" BOLT - GRADE 8	350074-50
5.....	4.....	7/16-14 NYLON INSERT LOCK NUT	350257-00
6.....	4.....	1/2-13 NYLON INSERT LOCK NUT	350259-00
7.....	4.....	3/8" HARDENED WASHER.....	350304-10
8.....	4.....	3/8" FLAT WASHER	350304-00
9.....	4.....	1/2" FLAT WASHER	350308-00
10.....	4.....	1/2-13 x 3" BOLT - GRADE 8.....	350706-00
11.....	4.....	M10 x 1.5 x 40 mm BOLT - CLASS 10.9	356103-10
12.....	1.....	ANTI-SWAY BAR.....	580574-00
13.....	2.....	FRAME BRACKET	B1050
14.....	2.....	BUSHING CLAMP	B141
15.....	2.....	END LINK	B553
16.....	1.....	AQUALUBE	400011-30

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 sway bar and hardware.

Remove the factory sway bar, bushing clamps, endlinks and frame brackets. *Note: The orientation of the frame brackets for the next step.* Discard all of the factory hardware.

2. Install the frame brackets.

Install the B1050 frame brackets in the same location from which you removed the factory frame brackets. Secure the B1050 with the endlink mounting hole towards the rear of the vehicle using the M10 x 40mm bolts and M10 flat washers. Loctite Red® is recommended on these bolts (Figure 1).

3. Install the upper part of the endlinks.

On each side, install the B553 endlinks to the frame brackets with a 1/2" x 3" bolt and nylon nut (Figure 1).

4. Temporarily install bushing clamps.

Working on the driver's side only, secure the B141 bushing clamp to the bottom of the shock mount (where the factory bushing clamp was located). Using a 7/16" x 1 1/2" bolt and supplied jam nut, secure the bushing clamp to the forwardmost hole on the base of the shock mount. Once secured, use the B141 as a template to mark and drill a 1/2" hole in the rearwardmost mount. Once complete, remove the bushing clamp. Repeat this step for the passenger side. The jam nut will no longer be needed.

5. Secure the sway bar to the lower endlinks.

Secure the sway bar to the inside of the lower endlinks using a 1/2" x 3" bolt and 1/2" washers (Figure 2). *Note: The washers should be placed at the bolt head and nut end — NOT between the sway bar and the endlink.*

6. Install the sway bar.

Lubricate the bushings and then swing the sway bar up to the bushing clamp location you determine in step 4. Install the bushings onto the sway bar in the appropriate location. With the help of a second person, swing the sway bar up to the bottom of the shock and secure it with a bushing clamp, 7/16" bolt, 7/16" nylon nut and 3/8" washers (Figure 3).

7. Test drive the vehicle.

Drive the vehicle and then carefully check all the fasteners for proper tightness. Figure 4 (next page) shows the completed installation.

Figure 1

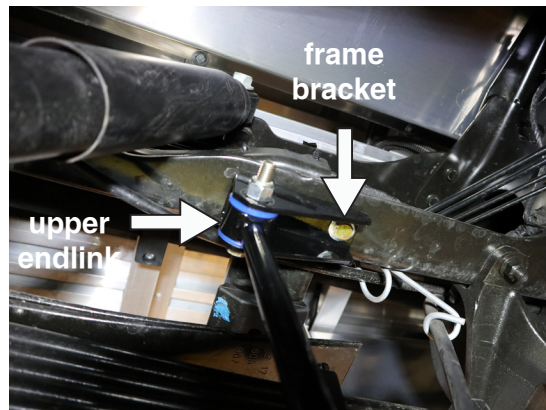


Figure 2

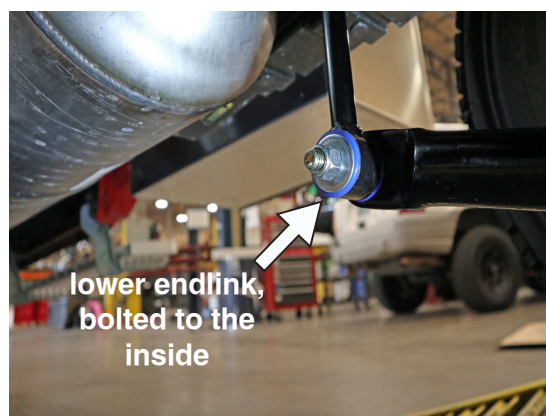
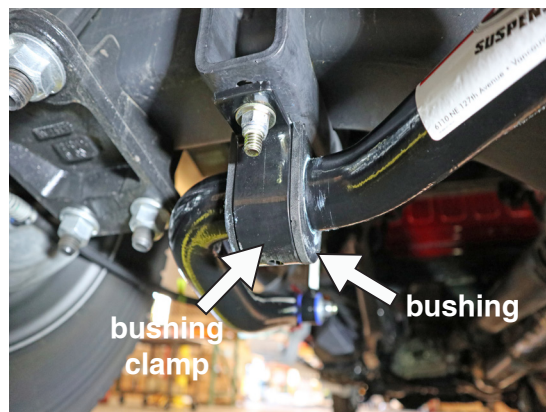


Figure 3



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.

Figure 4

