

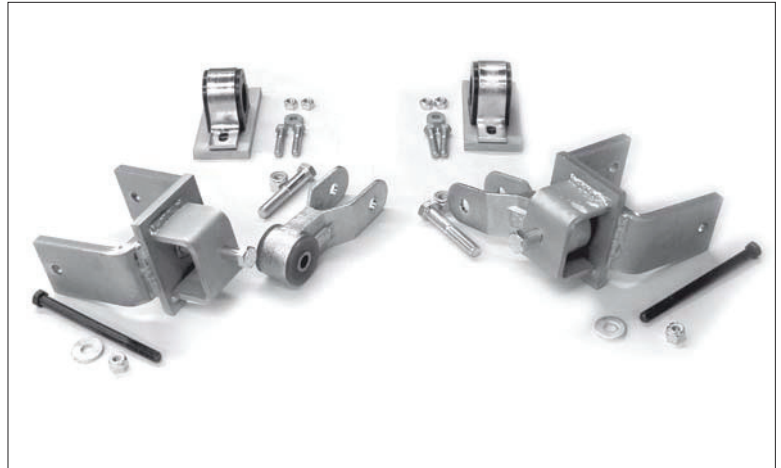


# Installation Instructions

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

## Rear Anti-Sway Bar Kit for the Monaco Diplomat

part #1169-109



## INTRODUCTION

Thank you for purchasing this anti-sway bar kit. This kit is designed to improve the handling characteristics of your motorhome 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
- Torque wrench
- Drill motor
- 7/16" drill bit

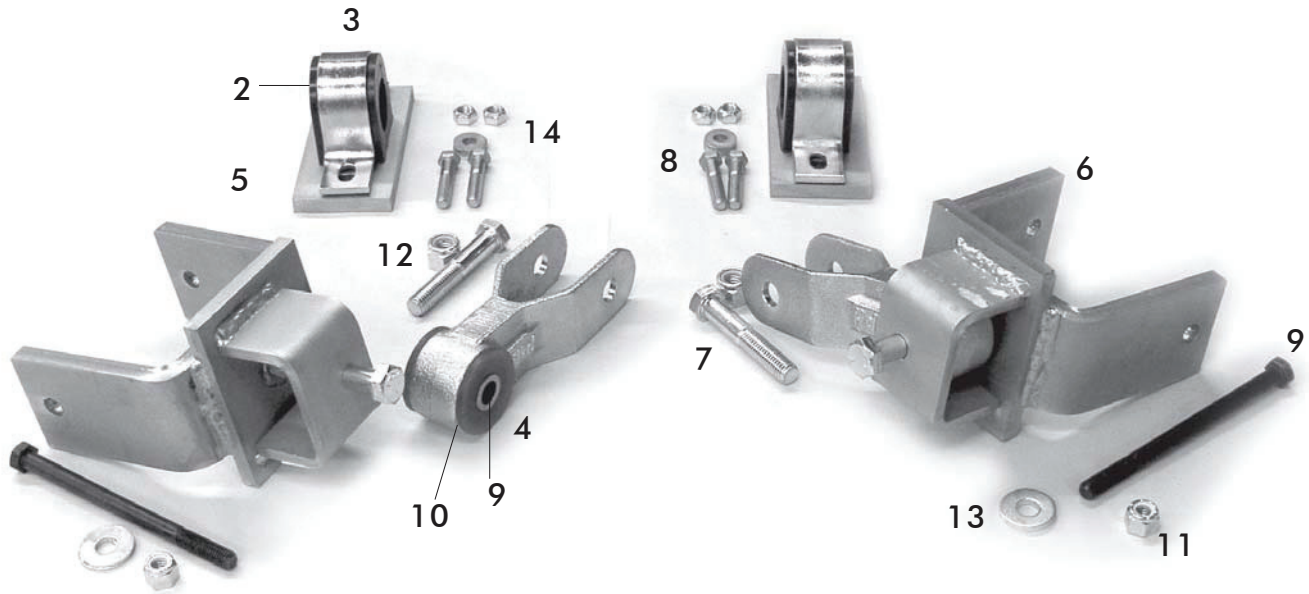
## WARNING

- 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 #1169-109

| Part #       | Description                | Qty |   | Part #        | Description     | Qty |
|--------------|----------------------------|-----|---|---------------|-----------------|-----|
| 1. 580083-00 | Rear sway bar, 1-5/8"      | 1   | * | 10. 205209-00 | Poly Bushing    | 4   |
| 2. 205222-10 | Poly bushing, 1-5/8" split | 2   |   | 11. 350111-80 | Bolt, 1/2" x 7" | 2   |
| 3. B141      | Bushing clamp              | 2   |   | 12. 350256-02 | Locknut, 7/16"  | 4   |
| 4. B209      | Shackle assembly, rear     | 2   |   | 13. 350259-00 | Nyloc nut, 1/2" | 2   |
| 5. B457      | Bracket, 6" x 3 x 3/8"     | 2   |   | 14. 350263-00 | Nyloc nut, 5/8" | 2   |
| 6. B458      | Bracket shackle hanger     | 2   |   | 15. 350308-00 | Washer, 1/2"    | 4   |
| 7. 350163-00 | Bolt, 5/8" x 3-1/2"        | 4   |   | 16. 350304-80 | Washer, 7/16"   | 8   |
| 8. 350076-80 | Bolt, 7/16" x 2"           | 4   |   | 17. 400011-30 | AQUALUBE Grease | 1   |
| 9. 205503-00 | Sleeve                     | 2   |   |               |                 |     |

\* not shown

# INSTALLATION

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

**1. Locate the holes for the anti-sway bar mounting brackets.**

Find the chassis cross member above the rear H frame, behind the rear axle. Measure six inches toward the rear of the chassis to locate the front hole of the anti-sway bar clamp bracket. Use the clamp bracket to locate and mark the rear hole. Drill 7/16" size holes in the frame rail. Do this on both sides.

**2. Prepare and install the anti-sway bar.**

Locate the D-shaped anti-sway bar bushings. Lubricate the inside with the supplied grease. Rotate the anti-sway bar up and into its final position. Install the bushings onto the anti-sway bar. Slide the bushing clamps over the bushings. Using the hardware provided, mount the bar to the frame rail using the backing plate on top of the frame rail. See Figure 2.

**3. Connect the shackles to the H-frame hangers B458.**

Examine the frame hangers, and note that the shackle mounting bolt is offset to one side. Insert the shackle from the side with the narrow gap. See Figure 3. Bolt it together using the hardware provided. Do this for both sides.

**4. Connect the shackles to the sway bar.**

Slip the arms of H-frame hanger (B458) over the H-frame. Using the bolts provided, connect the shackles to the anti-sway bar arms. Do not tighten at this time.

**5. Locate the final position of the frame hanger brackets.**

With the chassis at normal ride height, position the hanger brackets so that the shackle is positioned straight up and down. Now, tighten the bolts to fasten the hanger bracket to the H-frame.

**6. Tighten all fasteners (Including the shackle to anti-sway bar bolts) and test drive the vehicle.**

Listen for any unusual noises. Re-inspect the installation and re-check the fasteners.

## **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.

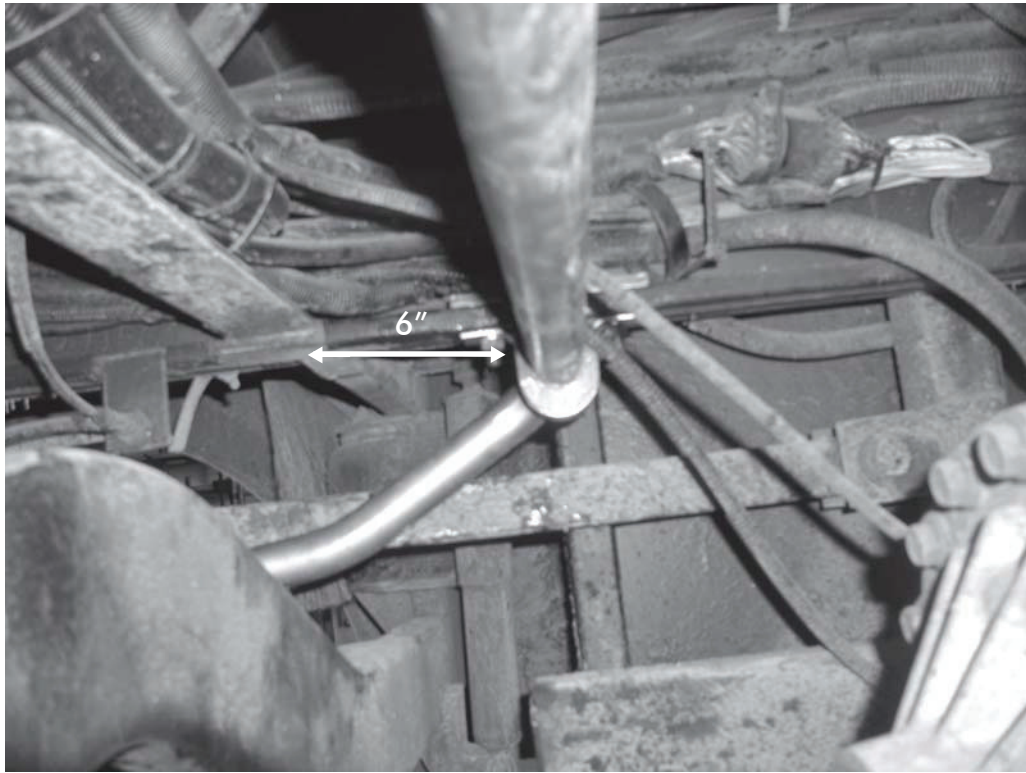
## **WARNING**

### **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**

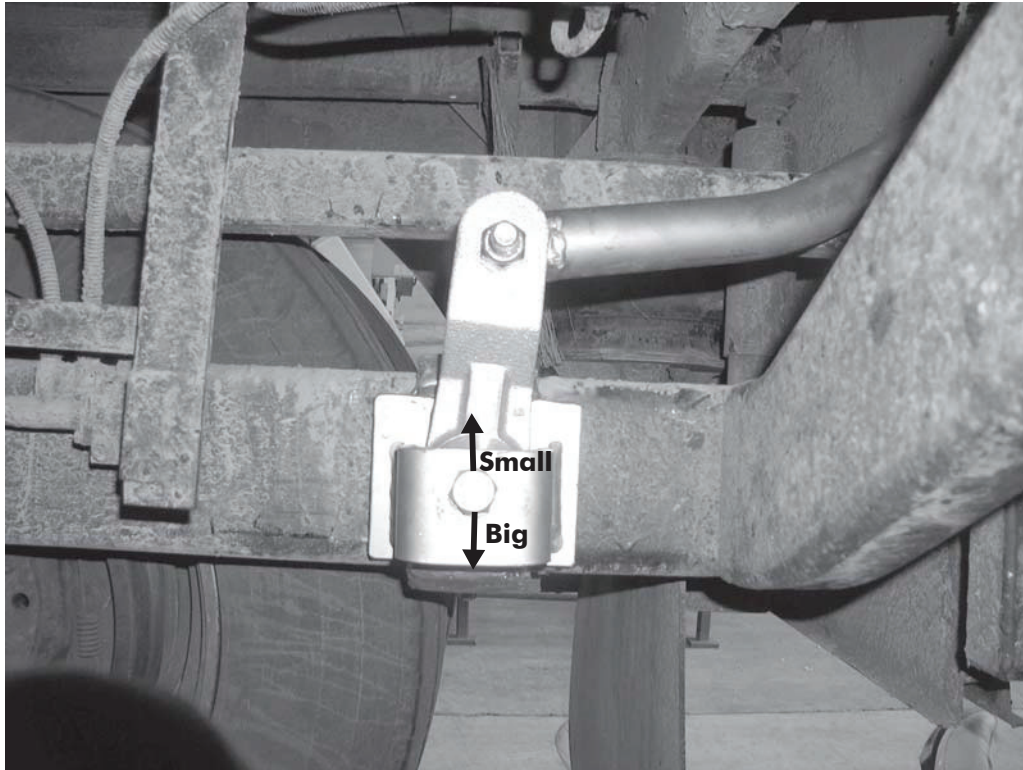


**Rear of Coach** →

# INSTALLATION

**Figure 3, 4**

**Note: pay careful attention to this figure for correct installation.**



**Figure 5**

**As close to straight up and down as possible**

