

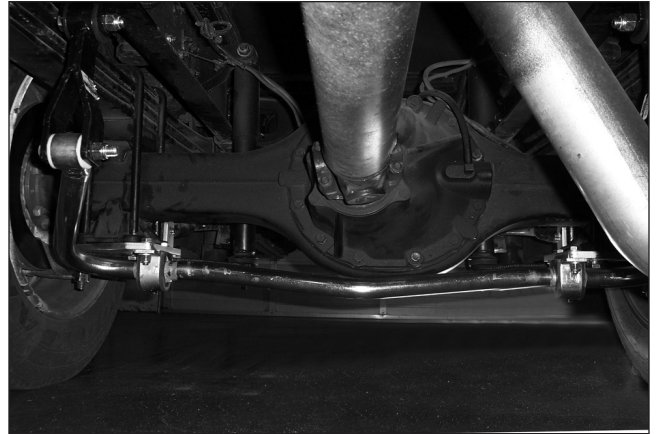


Installation Instructions

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

Rear Anti-Sway Bar Auxiliary Kit for Freightliner FRED Chassis

part #1209-130
1½" diameter



INTRODUCTION

Thank you for purchasing this rear 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

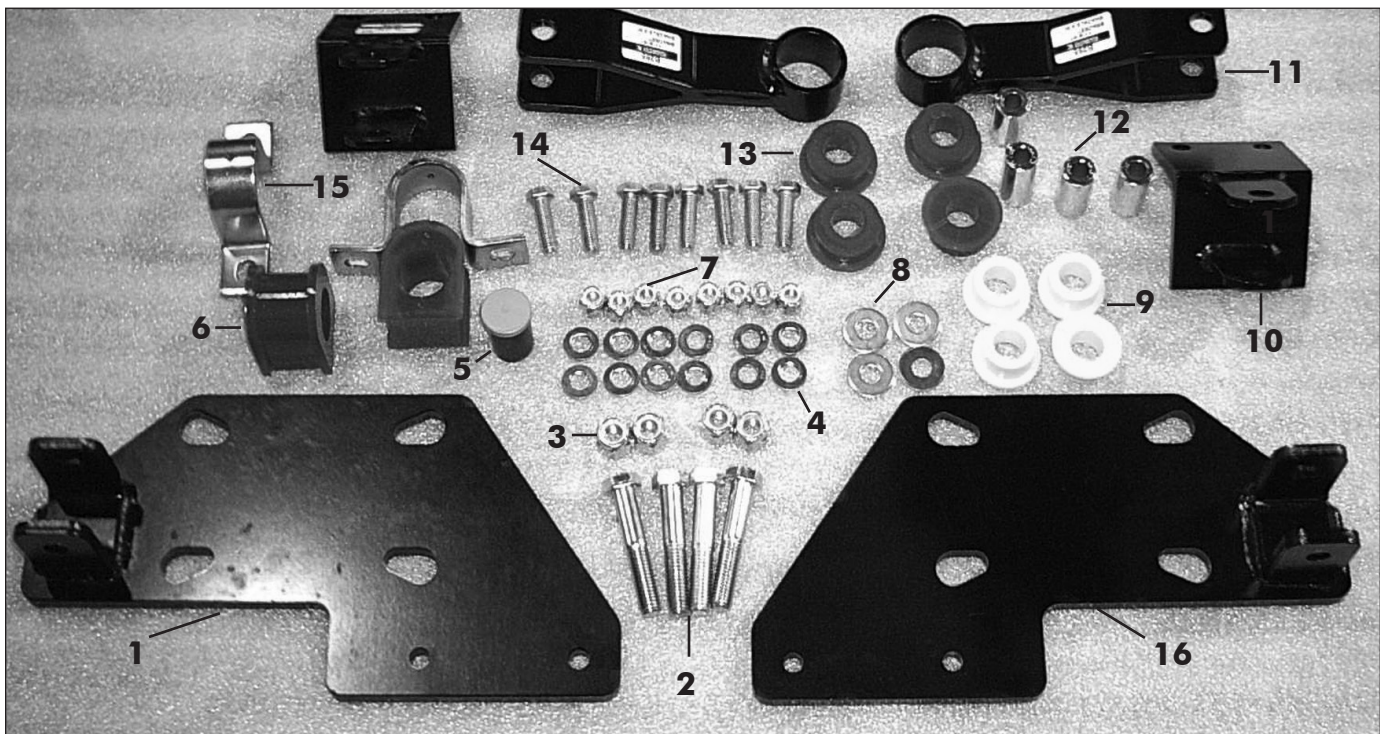
The following tools are suggested to complete the installation procedures:

- General Hand Tools
- Torque wrench
- Soft hammer

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.



Part #1209-130

Part #	Description	Qty
1 B638	Freightliner FRED Bracket	1
2 350163-00	5/8" Cap Screw	4
3 350263-00	5/8" Nylon Ins Ln	4
4 350308-80	1/2" Flat Washer	12
5 400011-30	Aqualube Grease	1
6 205217-10	Bushing	2
7 350259-00	1/2" Nylock Nut	8
8 350308-00	Cut Washer	4

Part #	Description	Qty
9 250209-00	Bushing	4
10 B239	Endlink	2
11 B285	Shackle	2
12 205503-00	Metal Sleeve	4
13 205202-10	Bushing	4
14 350096-80	1/2" x 1 3/4" Bolts	8
15 B141	Bracket	2
16 B637	Freightliner FRED Bracket	1

INSTALLATION

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



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.

1. Remove the factory anti-sway bar.

Let the factory anti-sway bar hang from the frame mounts.

2. Remove the factory mounting plates and anti-sway bar.

Remove the plates on both sides of the axle (Figure 1). Remove the factory anti-sway bar. *Note:* it will be replaced in a later step.

3. Grease the inside of the bushings.

Use the provided Aqualube to grease the inside of the new bushings. After greasing, place the bushings over the new RSS anti-sway bar.

4. Bolt the bushings.

Bolt the bushings and bushing clamps using the supplied hardware.

5. Install the new RSS bar and reinstall the factory anti-sway bar.

Install the anti-sway bar to the axle using the new plates. Rebolt the factory anti-sway bar using the new plates and the factory u-bolts (Figure 2).

6. Locate the frame mounts.

Clamp the frame bracket to the frame and hang the shackle link from the frame bracket (Figure 3). It is important that it is hanging straight down so it can be lined up properly.

7. Mark two 17/32" holes.

Drill the holes, bolt the frame bracket and shackles, and bolt the anti-sway bar to the shackles.

8. Torque the u-bolts to the factory torque specifications.



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

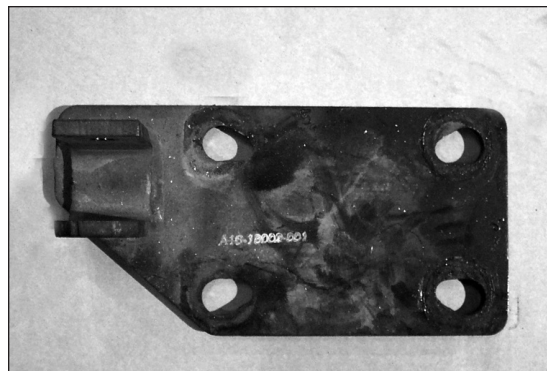


Figure 2



Figure 3

