85-5063 rev. 10 03-21

Installation Instructions

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

Front Anti-Sway Bar Kit for the F550 and F53 Class A Chassis

part #1139-140/1139-148
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 F53 Chassis 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:

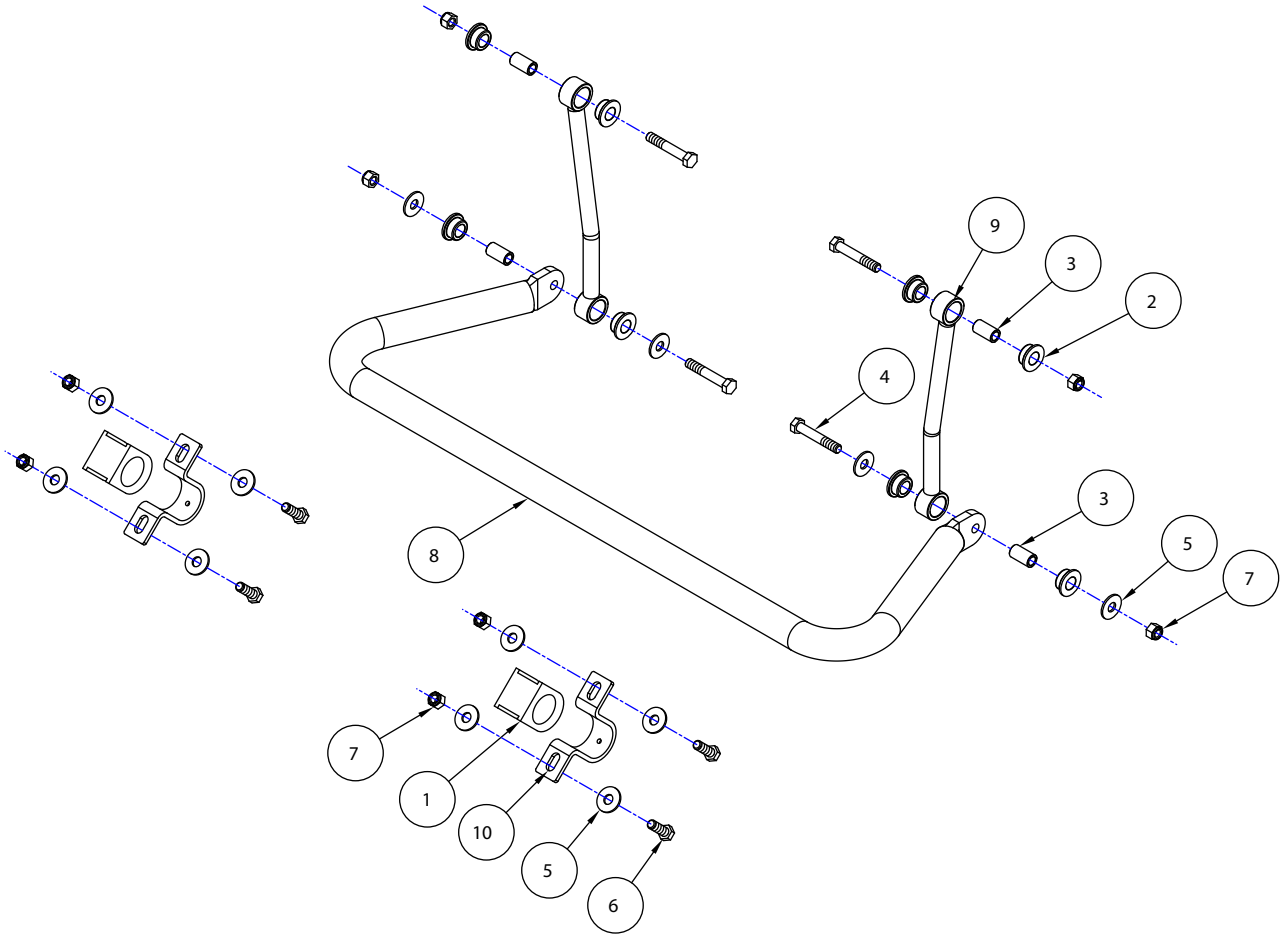
- Standard and metric hand tools
- Jack stands (2)

⚠ 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 warranteed for the original installation. Installing a used anti-sway bar on another vehicle is not recommended and will void the warranty.

Part #1139-140/1139-148



ITEM	QTY	DESCRIPTION	PART#
1	2	BUSHING	205220-20
2	8	BUSHING	205223-50
3	4	BUSHING SLEEVE	205522-00
4	4	1/2-13 x 3” BOLT - GRADE 8	350706-00
5	12	1/2” FLAT WASHER	350308-00
6	4	1/2-13 x 1 1/2” BOLT - GRADE 8	350701-00
7	8	1/2-13 NYLON INSERT LOCK NUT	350735-00
8	1	ANTI-SWAY BAR	580550-00
9	2	END LINK	B1013
10	2	BUSHING CLAMP	B914
11	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 anti-sway bar and endlinks.**
   Loosen the endlink bolts and allow the anti-sway bar to hang by its center section. Remove the center section saddle brackets, by loosening the bolts that hold the saddle brackets to the axle. Lower the bar to the ground. *Note: Due to manufacturing variances, there may be only one bolt.* Now, remove the endlinks as well.

   Note: On the passenger side, the A/C compressor is in the way and you may need to rock the endlink back and forth in order to squeeze the bolt past the compressor.

⚠WARNING

Loosening the saddle bracket bolts will release the anti-sway bar. 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 bolts. Failure to follow these instructions may cause property damage,

2. **Install the endlinks.**
   Assemble the endlinks as shown in the drawing on page 2 and install them through the factory endlink mounts. *Note: On the passenger side, you will need to install the supplied 1/2" bolt in the opposite direction of the OEM bolt you removed in step 1 (Figure 1).*

3. **Prepare the anti-sway bar for installation.**
   Grease the inside of the poly bushing (Figure 2). Use the provided lube to grease the inside of the poly bushings that fit around the sway bar. Use the old bar to determine the proper positioning of the bushings.

4. **Install the anti-sway bar.**
   Lift the anti-sway bar into place. Installing the bar is simply the reverse of removing it. Since the new anti-sway bar is heavier then the factory bar, it is always easier to install the anti-sway bar with two people. Attach the anti-sway bar to the axle using the B914 clamps and original fasteners. Swing the arms up and attach to the endlinks hanging down (Figure 3).

5. **Center the anti-sway bar and tighten.**
   Make sure that the anti-sway bar is centered equally between the endlinks, then tighten the fasteners.

6. **Test drive the vehicle.**
   Drive the vehicle and then carefully check all the fasteners for proper tightness.

Figure 1

Figure 2

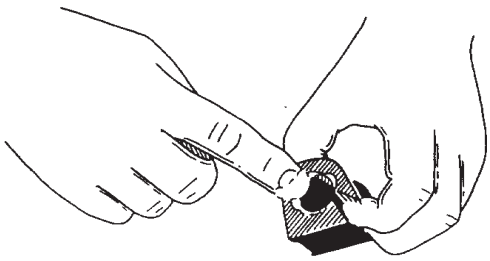


Figure 3

INSTALLATION

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

⚠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.