

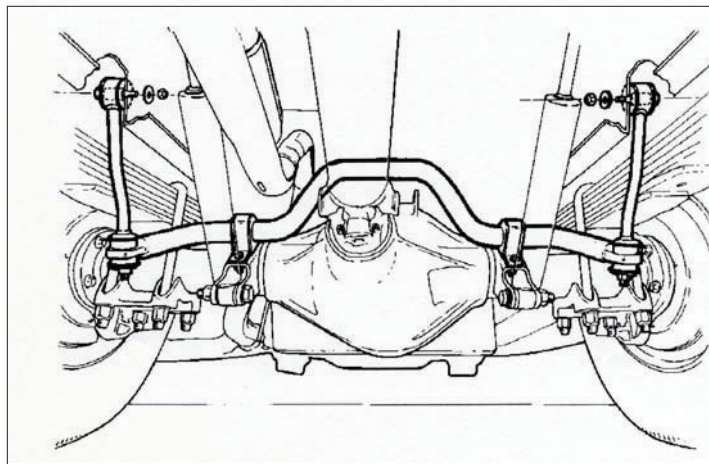


Thank you for purchasing this anti-sway bar kit. Please read through these instructions before installation.

Installation Instructions

Rear Sway Bar Kit for Ford F-53 (replaces OE bar)

part #1139-123 1-1/2" diameter



INTRODUCTION

Thank you for purchasing this anti-sway bar kit. This kit is designed to improve the handling characteristics of your Ford F-53 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:

- 13mm & 15mm wrenches
- 13mm & 15mm sockets
- Socket wrenches
- Vise
- Cylinder smaller than 1-5/8" diameter (see step 3)
- Cylinder larger than 1-5/8" diameter (see step 3)

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,

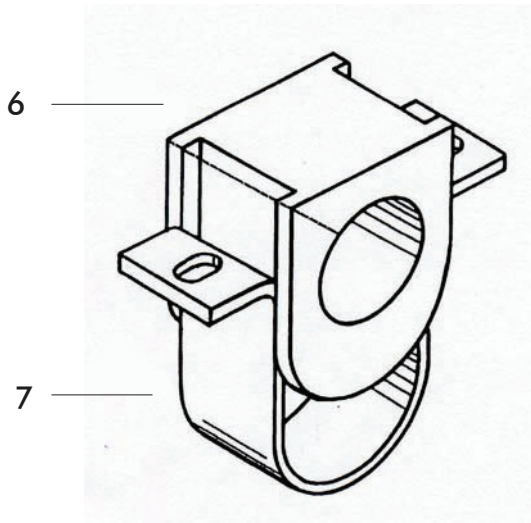
personal injury or even death.

- 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

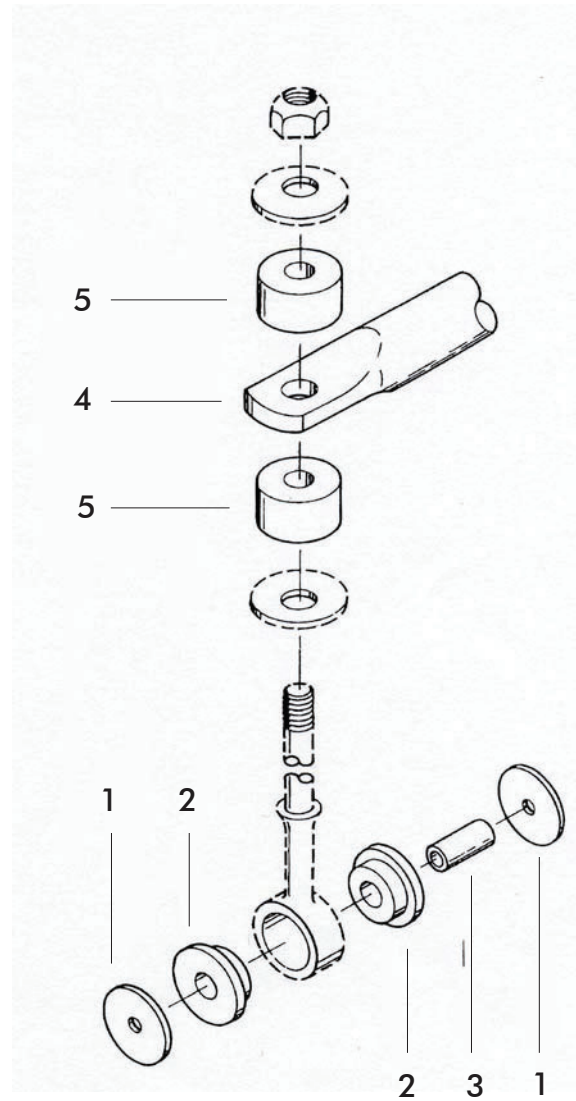
Failure to follow these instructions can result in property damage, personal injury or even death.

PARTS LIST



Part #1139-123

Part #	Description	Qty
1. 350308-00	Washers, 1/2" large o.d	4
2. 250223-00	Bushings, poly hat	4
3. 205516-00	Sleeve, spacer	2
4. 580023-00	Sway bar, 1-1/2" diameter	1
5. 205381-00	Grommet	4
6. 205217-10	Bushing, split	2
7. B141	Bracket, saddle	2
8. 400011-30	AQUALUBE Grease	1
9. 356102-00	10mm x 1.5 x 3mm Cs 8.8	4
10. 357200-20	12mm x 1.75 x 35mm flange	4



* Parts not numbered are original equipment (OE).

INSTALLATION

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

1. Support the vehicle and remove the rear wheels (optional).

a. Use a floor jack to raise the vehicle.

Put the vehicle in neutral. Put a floor jack under the frame and raise the vehicle so that the tires are off the ground.

⚠️ 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.

b. Put jack stands under the frame.

Place the jack stands under the rear axle housing to correctly locate the mounting points for the links. Lower the axle housing onto the jack stands. Push the side of the body to make sure that the vehicle is stable.

2. Remove the factory anti-sway bar.

a. Remove the bar from the end links.

Use the 15mm wrench to remove the nuts from the end of the links. Support the anti-sway bar end as you remove the nut from the second endlink.

⚠️ WARNING

Removing the endlinks 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 brackets.

b. Remove the saddle brackets and the anti-sway bar assembly.

Use the 13mm wrench and socket to remove the bolts and nuts from each saddle bracket. Remove the anti-sway bar and saddle bracket assembly from the vehicle (Figure 1).

c. Remove the end links.

Use a socket and wrench to remove the bolts and nuts that hold each endlink to the vehicle frame

3. Replace the bushings in the endlinks.

a. Remove the original bushings.

Find a socket or other cylinder that has slightly larger I.D. than the endlink, and another that has a slightly smaller O.D. than the bushing. Hold the link and the socket between the jaws of a large vise so that the small socket will push the bushing into the large socket (Figure 2). Tighten the vise to remove the bushing.

Figure 1

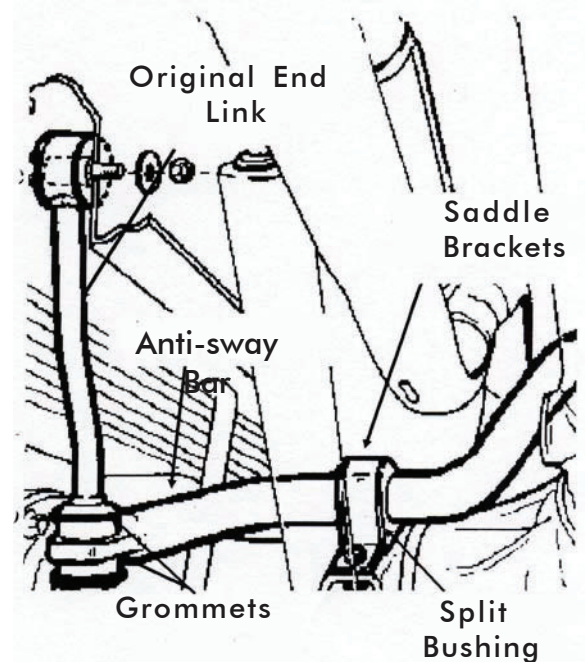


Figure 2



INSTALLATION

b. Install the bushings into the endlinks.

Insert one bushing into the endlink. Push the sleeve into the bushing until it reaches the side with the flange. Push the other bushing into the link (Figure 3, 4).

c. Re-attach the endlinks to the frame.

4. Replace the original saddle bushings.

a. Remove the original bushings from the saddle brackets.

Remove the saddle brackets and slide the original bushings from the sway bar.

b. Install the bushings on the sway bar.

Use the lubricant included in the kit to lubricate the inner hole of the bushings (Figure 5). Install the bushings on the anti-sway bar. Install the saddle brackets on the bushings.

5. Install the anti-sway bar assembly.

a. Install the anti-sway bar and saddle bracket assembly.

Lift and hold the anti-sway bar into position on the axle housing. Install the saddle bracket fasteners on the brackets for the shock absorber mounts. Tighten the fasteners.

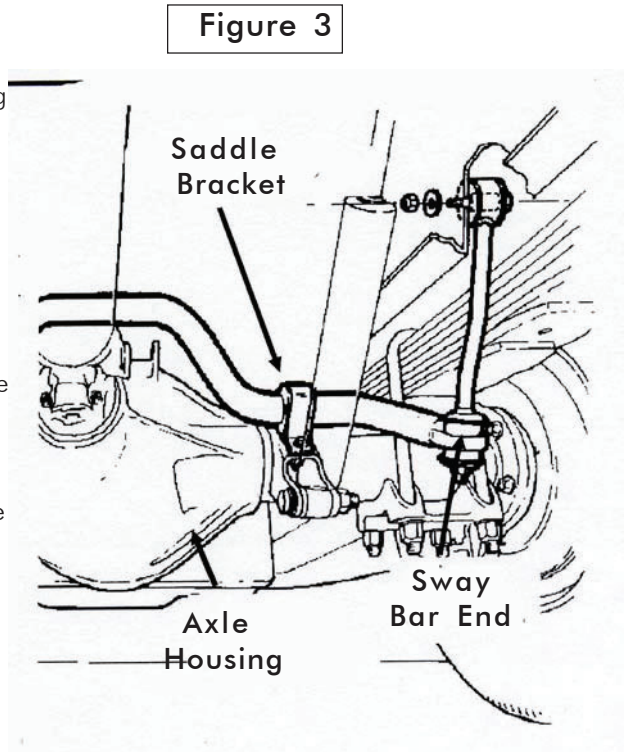


Figure 4

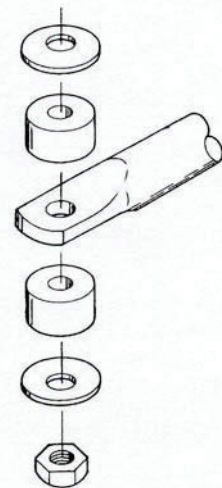
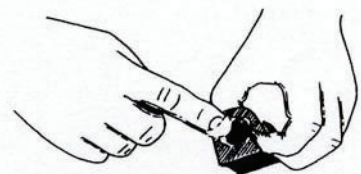


Figure 5



! WARNING

Use care when installing the sway bar. Do not damage the driveshaft when installing the sway bar. Damage may result in unwanted vibration when driving the vehicle and loss of control.

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

b. Connect the endlinks to the anti-sway bar.

Install an original washer and a grommet on the endlink. Install the endlink assembly on the end of the sway bar so that the grommet is on the top side of the anti-sway bar end. Install another grommet and an original washer and start the nut. Install the grommets, washers and endlink for the other end of the anti-sway bar. Do not tighten the nuts at this time.

INSTALLATION

6. Check the anti-sway bar.

a. Check the anti-sway bar and tighten the fasteners.

Make sure the anti-sway bar is centered, side-to-side. Tighten fasteners, but do not over tighten grommets (Figure 6).

WARNING

Over-tightening the grommets may cause premature failure of the grommets and/or the end links. If the grommets fail, 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.

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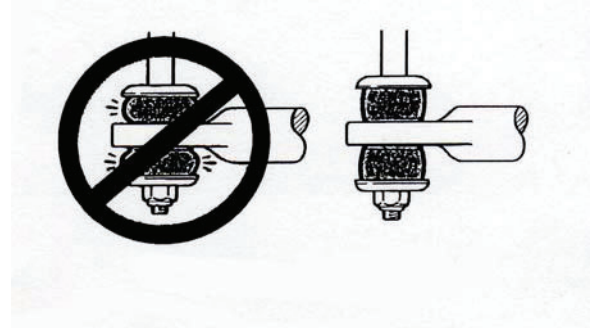
7. Replace the wheels and road test.

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.

Figure 6



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.