



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 Ford Expedition 1997-2008

part #1139-150 1-1/8" diameter



INTRODUCTION

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

- Socket Wrench
- Jack stands (2)
- Sockets: 13, 16, 18mm
- Wrenches: 13, 16, 18mm

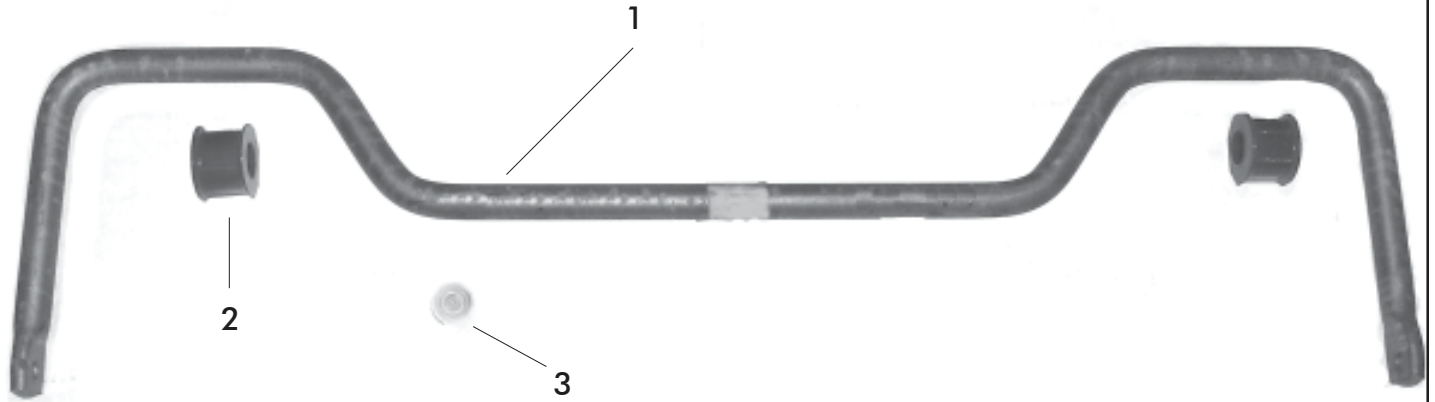
WARNING

- 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 #1139-150

Part #	Description	Qty
1. 580163-00	Sway bar, 1- 1/8" diameter	1
2. 205234-10	Bushing, poly split	2
3. 400011-30	Aqualube Grease	1

INSTALLATION

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

1. Support 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 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. Failure to follow these instructions may cause property damage, personal injury or even death.

2. Put the jack stands under the axle.

Place the jack stands under the rear axle housing to keep the suspension loaded. Lower the axle housing onto the jack stands. Push the side of the body to make sure that the vehicle is stable.

3. Remove the factory anti-sway bar.

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.

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, personal injury or even death.

4. 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 anti-sway bar. Use the factory bar to determine the proper positioning of the bushings.

5. Move the anti-sway bar under the vehicle.

6. 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 than 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 original saddle brackets and fasteners. Swing the arms up and attach to the endlinks hanging down.

Figure 1

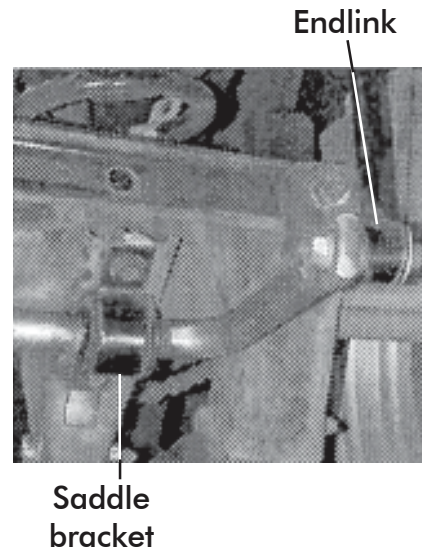
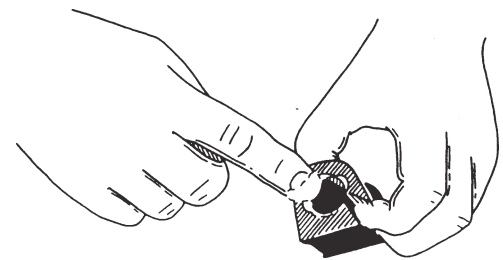


Figure 2



INSTALLATION

7. Center the anti-sway bar and tighten.

Make sure that the anti-sway bar is centered equally between the end-links, then tighten the fasteners.

8. Lower the vehicle (if the jack stands were used).

Jack up the vehicle and remove the jack stands.

9. Test drive the vehicle.

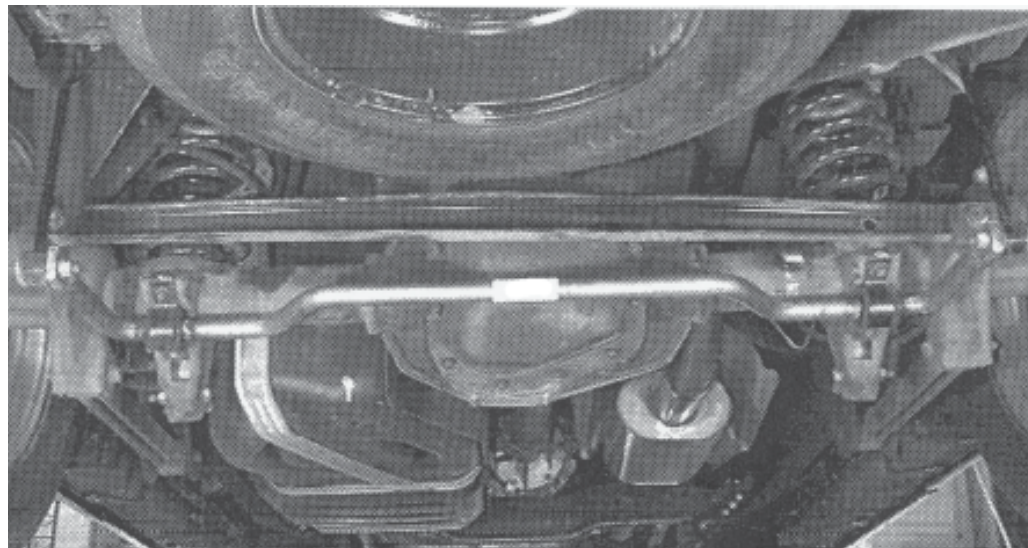
Drive the vehicle and then carefully check all the fasteners for proper tightness.

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.

Installation complete



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.