



Installation Instructions

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

Front Anti-Sway Bar Kit for Ford F450/F550s

part #1139-179
1-1/2" diameter



INTRODUCTION

Thank you for purchasing this front 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

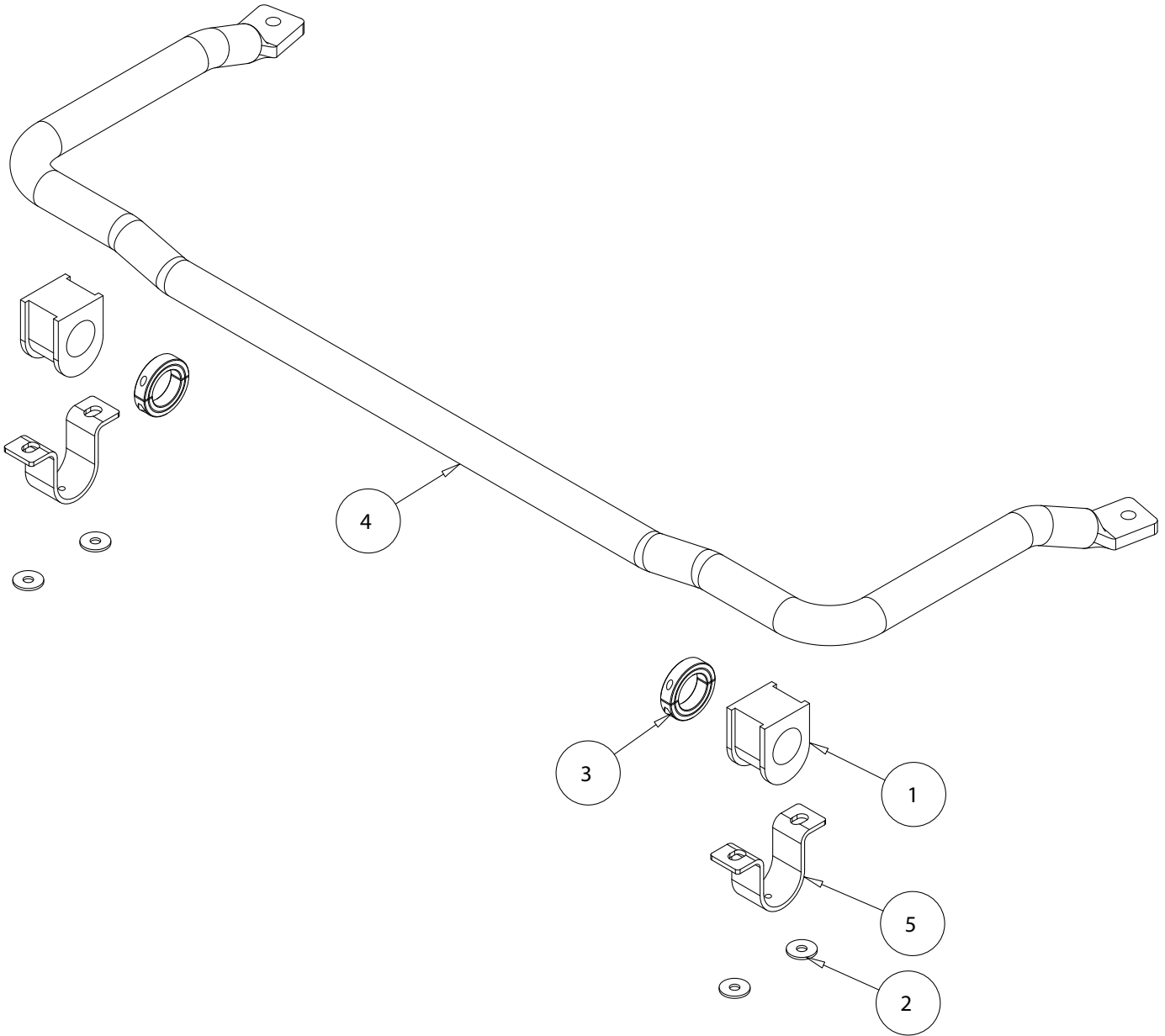
WARNING

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.

PARTS LIST



Part #1139-179

ITEM.....	QTY	MATERIAL.....	PART NUMBER
1.....	2.....	BUSHING.....	205217-10
2.....	4.....	3/8" HARDENED WASHER	350304-80
3.....	2.....	SPLIT COLLAR	350530-10
4.....	1.....	ANTI-SWAY BAR.....	580328-00
5.....	2.....	BUSHING CLAMP	B140
6.....	1.....	LOCTITE	200544-00
7.....	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.

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.
Retain the factory endlink bolts, as they will be used for installation of the new anti-sway bar.
2. Remove the factory saddle brackets.
Retain the hardware, as it will be used for installation of the new anti-sway bar (Figure 1).
3. Grease the inside of the bushings.
Use the provided Aqualube to grease the inside of the bushings. After greasing, place the bushings over the new anti-sway bar.
4. Hang the new anti-sway bar from the factory endlinks.
Bolt it into place using the existing bolts (Figure 2).
5. Install the new saddle brackets.
Bolt them into place over the bar (Figure 3) and torque the bolts to 53 ft./lbs.

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

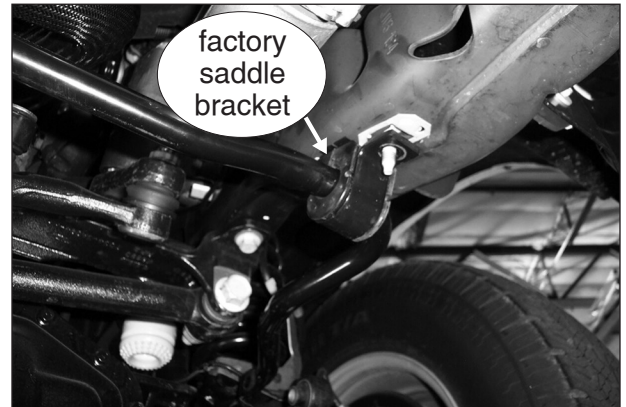


Figure 2



Figure 3

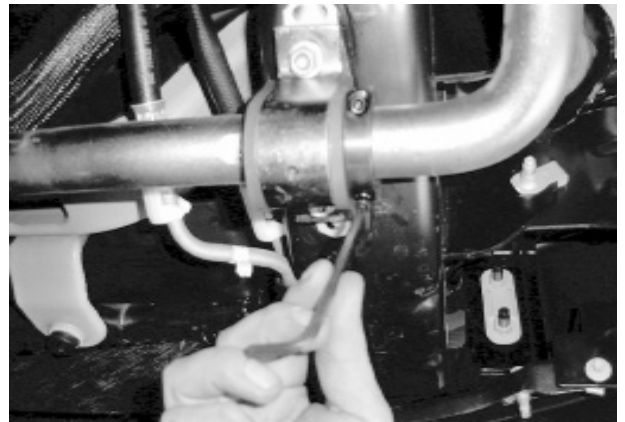


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6. Install the double set collars.
Place them on each bushing and clamp (Figure 4).

Figure 4



BOLT TORQUE REQUIREMENTS

STANDARD BOLTS			U-BOLTS	
Thread	Grade	Torque	Thread	Torque
3/8.....	5.....	30 lb-ft	3/8-24	35 lb-ft
7/16.....	5.....	50 lb-ft	1/2-20	70 lb-ft
1/2.....	5.....	75 lb-ft	5/8-18	140 lb-ft
5/8.....	5.....	140 lb-ft	3/4-16	250 lb-ft
			7/8-14	400 lb-ft

Note: Endlink bolts use grommets and should NOT be torqued. Tighten these bolts by hand until the grommet starts to deform. Also, these torque values are intended as general guidelines. Roadmaster does not warrant this information to be accurate for all applications and disclaims all liability for any claims or damages which may result from its use.