



Installation Instructions

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

Rear Anti-Sway Bar Kit for International MV607

part #1179-129

1³/₄" diameter



INTRODUCTION

Thank you for purchasing this 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:

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

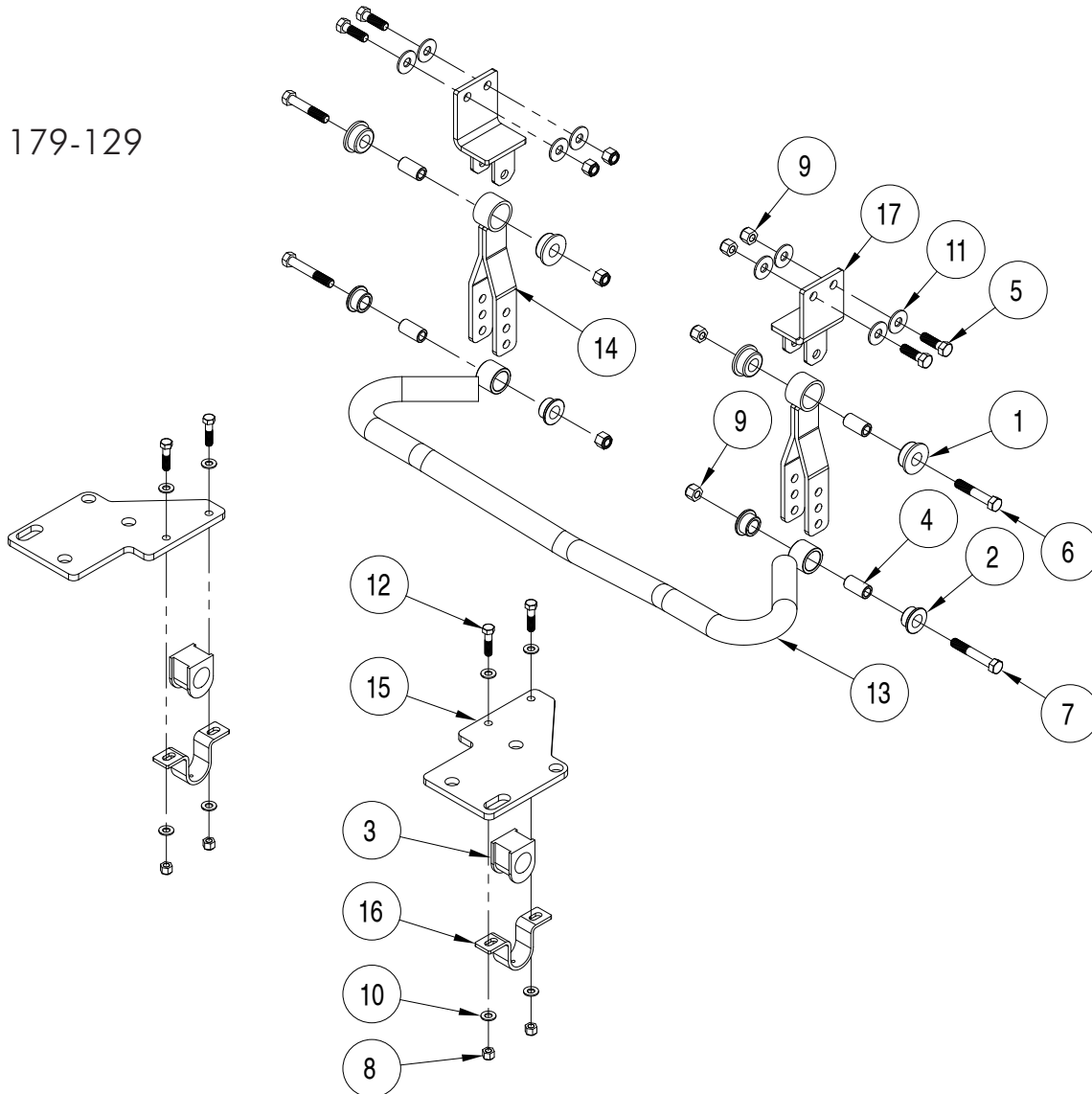
WARNING

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 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 #1179-129



ITEM	QTY	DESCRIPTION	PART NUMBER
1	4	BUSHING	205202-10
2	4	BUSHING	205209-00
3	2	BUSHING	205220-20
4	4	BUSHING SLEEVE	205503-00
5	4	5/8-11 x 2" BOLT - GRADE 8	350453-00
6	2	5/8-11 x 3 1/2" BOLT - GRADE 8	350156-00
7	2	5/8-11 x 4" BOLT - GRADE 8	350158-50
8	4	1/2-13 NYLON INSERT LOCK NUT	350259-00
9	8	5/8-11 NYLON INSERT LOCK NUT - GRADE 8	350263-20
10	8	1/2 SAE WASHER	350308-20
11	8	5/8" FLAT WASHER	350312-00
12	4	1/2-13 x 2" BOLT - GRADE 8	350703-00
13	1	ANTI-SWAY BAR	580602-00
14	2	END LINK	B1003
15	2	AXLE PLATE	B1075
16	2	BUSHING CLAMP	B914
17	2	FRAME BRACKET	B1074
18	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.

***Installation should be done with the vehicle's suspension loaded. This kit requires drilling. Sway bar kit installed to the back side of the rear axle.**

1. Remove the U bolt nuts on the driver's side.

On the driver's side, remove all four U bolt nuts from the bottom side of the rear axle to install the B1075. *Hint: It may be necessary to clean U bolt threads with a wire brush and/or use some penetrating oil to remove the nuts. Be sure not to get any over spray on the brake rotors.*

2. Install the axle plate.

Install the B1075 axle plate using the factory hardware and red Loctite (Fig.1). Evenly tighten and torque to 300 lb.-ft.

3. Repeat steps 1 and 2 on the passenger's side.

4. Test fit and then install the bushings on sway bar.

Lift the sway bar up to the axle plates you installed in step 2 and center the shoulders to get an approximate location for the bushings. *Hint: The dip of the sway bar points downward. The dip is NOT centered around the rear differential.* Lubricate and install bushings on to the sway bar.

5. Attach the sway bar to the axle brackets.

Using the B141 bushing clamp, 1/2" x 2" bolts, nuts and washers, secure the sway bar to the axle brackets (Fig.2). Torque 1/2" bolts to 60 lb.-ft.

6. Orient the frame brackets.

Loosely secure the ring end of the B1003 end link to the B1074 frame bracket tabs with a 5/8" x 3 1/2" bolt and nut. Loosely secure the other end of the B1003 to the sway bar with 5/8" x 4" bolt and nut. Rotate sway bar, shackle and frame bracket up to the frame. Ensure the shackle is as straight as possible then use a C-clamp or vise-grips to hold the B1074 frame bracket to the frame. Remove the shackle from the frame bracket. Ensure that you are only drilling through the frame and not the cross-brace flange. Move the frame bracket slightly forward as needed to clear the cross-brace flange.

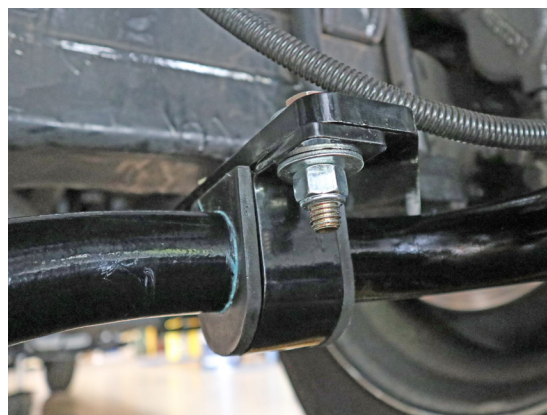
7. Drill and secure the frame brackets.

Using a 5/8" transfer punch (or 19/32" drill bit), mark the frame for the center of the bracket holes. Use multiple size bits working up to a 5/8" hole. Then secure the B1074 using the supplied 5/8" x 2" bolts, nuts and washers. *Hint: On the driver's side, there are air hoses and electrical lines which need to be temporarily held out of the way for drilling. A backing plate is also recommended to avoid damaging other critical components.*

Figure 1



Figure 2



INSTALLATION

8. Repeat steps 6 and 7 on the other side and secure the frame bracket.

9. Test fit and then install the bushings on sway bar.

Lift the sway bar up to the axle plates you installed in step 2 and center the shoulders to get an approximate location for the bushings.

10. Install and hang the shackles.

Install and hang the B1003 shackles from the frame brackets (Fig.3). Leave loose for now. Then, swing the sway bar ends up to the shackles you installed in the previous step, and find one of the three holes that positions the sway bar most close to being level with the ground. Secure the sway bar with 5/8" x 4" bolts and nuts. *Note: Due to manufacturing variances, your shackle may be different from the ones shown in these instructions.*

11. Secure all of the 5/8" hardware to 150 lb.-ft.

Secure all 5/8" hardware to 150 lb.-ft.

12. Test drive the vehicle.

Drive the vehicle and then carefully check all the fasteners for proper tightness. Figure 4 shows the completed installation.

Figure 3



Figure 4



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.

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.