



# 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 Spartan Mtn. Master/Verst

part #1149-119

#1149-121

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 Spartan Mtn. Master /Verst 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:

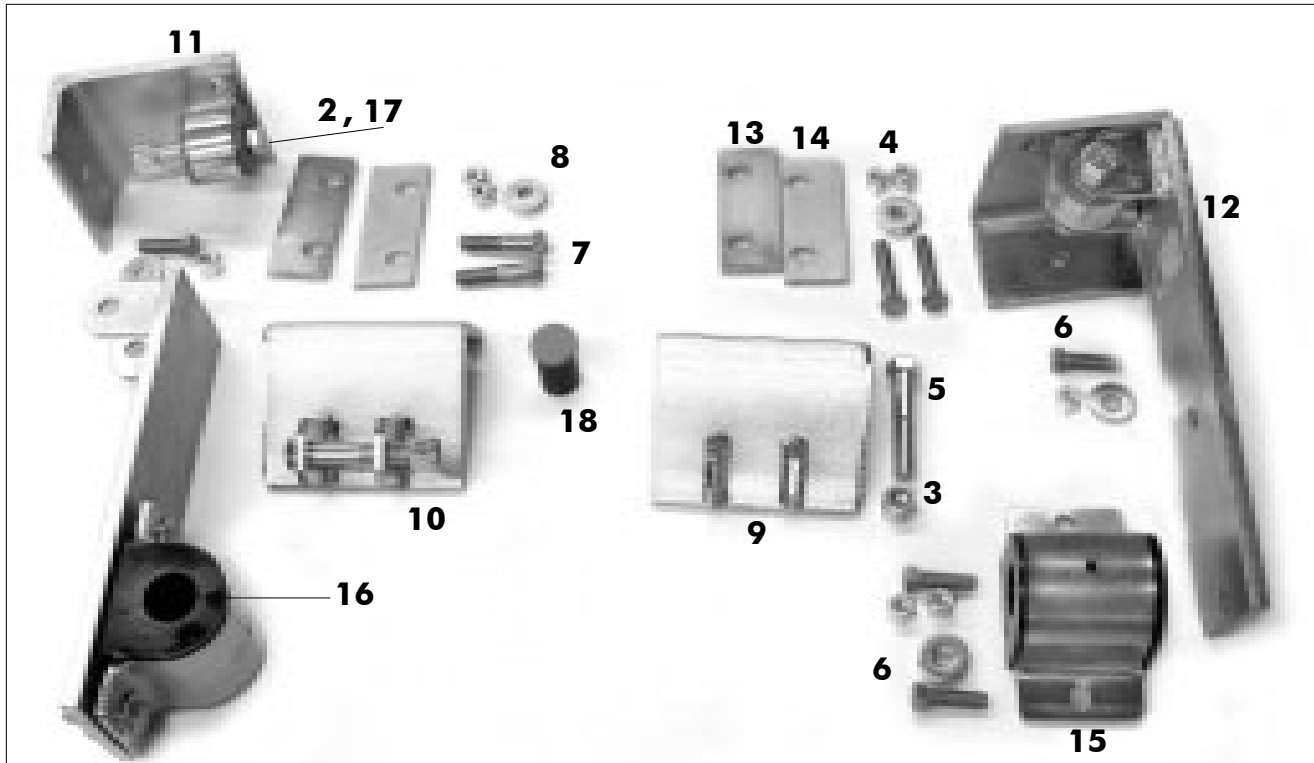
- Assorted wrenches
- Assorted sockets
- Sock-

### **⚠ 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 #1149-119/1149-121

Part #	Description	Qty	Part #	Description	Qty
1.	580036-00 Sway bar 1-1/2"	1	10.	B297L Bracket, left	1
2.	205503-00 Sleeve, 1-5/16"	4	11.	B605 Bracket, angle	2
3.	350263-00 Locknut, 5/8" NC	4	12.	B466 Plate, flat	2
4.	350259-00 Locknut, 1/2" NC	10	13.	B266 Bracket, spacer 3/8"	2
5.	350163-00 Bolt, 5/8" x 3-1/2"	4	14.	B265 Bracket, spacer 1/4"	2
6.	350096-80 Bolt, 1/2" x 1-3/4"	6	15.	B264 Bracket, saddle	2
7.	350099-80 Bolt, 1/2" x 2-1/2"	4	16.	205213-10 Bushing, poly	2
8.	350304-80 Washer, 1/2" cut	20	17.	205202-10 Bushing, poly	4
8.	W401 Washer, 1/2" cut	20	18.	400011-30 AQUALUBE Grease	1
			19.	*205209-00 Poly bushing	4

# INSTALLATION

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

## 1. Locate the cross member just behind the differential.

*Note:* for the 1149-121, the bracket is bolted to the two inner bolts on the cross member and one bolt existing on the frame rail.

Each frame angle bracket attaches to the chassis with three bolts. The top two are the same ones that hold the cross member in place. Remove the bolts and nuts and put the bracket in place. Mark the location of the side hole, drill a 1/2" hole. Now, mount the bracket in place using the provided hardware. *Note:* the thickness of the frame determines which spacer to use (B265 1/4" or B266 3/8"- Figure 2, 3). Torque all three bolts to 50-60 ft.-lbs. Repeat on the other side of the chassis.

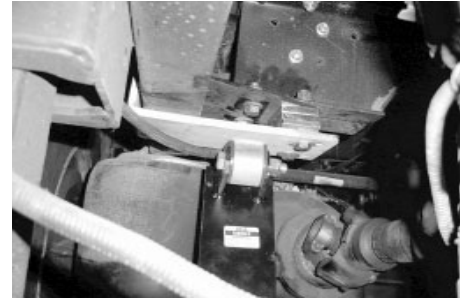
## 2. Attach hanger brackets (B466).

Use the provided bolts to attach the long, flat plate to the B466 frame brackets. Refer to Figure 4 for proper orientation. The tabs on the bracket go toward the rear of the chassis (Figure 4). Tighten it so the tabs on the plate touch the bushings, but no more than 85 ft.-lbs.

## 3. Attach the axle brackets.

Remove the lower shock absorber bolts from the axle brackets. Loosen the rear u-bolt nuts and remove the shock bracket. Install the brackets above the shock absorber brackets. Now, reinstall shock bracket and tighten u-bolts to factory specifications (Figure 5).

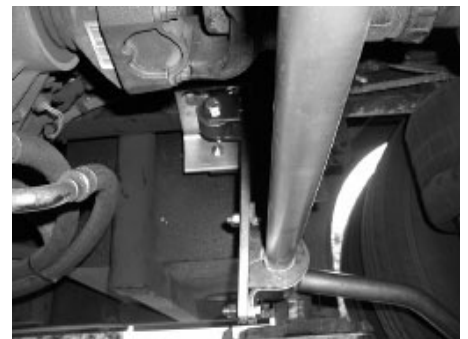
**Figure 1**



**Figure 2**



**Figure 3**



**Figure 4**



**Figure 5**



# INSTALLATION

## 4. Attach the anti-sway bar to the axle brackets and flat plates.

Orient the anti-sway bar with the dip in arms facing down. Refer to Figure 6 for orientation of anti-sway bar arms. Use the provided fasteners to attach the anti-sway bar ends to the axle brackets. Do not tighten. Allow the bar to hang down.

Locate where the bushings are on the anti-sway bar. Swing the anti-sway bar up and note where the flat plates meet the anti-sway bar. Mark the bar and allow it to hang down. Lubricate the inside of the bushings with provided lubricant. Install bushings on the marked areas of the sway bar. Push u-brackets over bushings.

Swing bar up to flat plates and attach with provided fasteners. Refer to illustration for proper positioning. Torque to 40-50 ft.-lbs.

## 5. Tighten all fasteners and check for proper clearance.

Tighten the anti-sway bar to the axle bracket bolts so that tabs touch bushings, but no more than 85 ft.-lbs.

## 6. Test drive and recheck all fasteners.

CAUTION: After road testing, recheck all fasteners.



Figure 6

## **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.