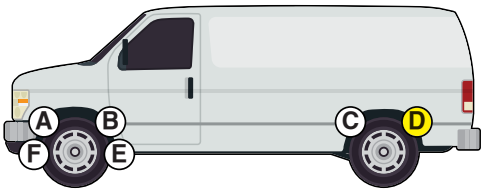
Rear Anti-Sway Bar Kit
INSTALLATION INSTRUCTIONS

KIT# 1209-110HD

10/25
RS

ROADMASTER, Inc. 6110 NE 127th Ave. Vancouver, WA 98682 360-896-0407 www.RoadmasterInc.com

For 2018 - 2025 Sprinter Van 3500,
Heat Treated Bar



⚠ 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 warranteed for the original installation. Installing a used anti-sway bar on another vehicle is not recommended and will void the warranty.

Information:

Thank you for purchasing this rear anti-sway bar kit. This kit is designed to improve the handling characteristics of the van; 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 shock absorbers and 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.

Before starting the installation, lay out the kit components in order, as they will be used. This will give you a visual idea of how the components work, and will also confirm that everything is present and accounted for.



Fig.A

BOLT TORQUE REQUIREMENTS

Note: The torque values represented below are intended as general guidelines. Torque requirements for specific applications may vary. 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.

STANDARD BOLTS

Thread Size	Grade	Torque
5/16-18	5	13 ft./lb.
3/8-16	5	23 ft./lb.
7/16-14	5	37 ft./lb.
1/2-13	5	57 ft./lb.
5/8-11	5	112 ft./lb.

METRIC BOLTS

Thread Size	Grade	Torque
6mm-1.0	8.8	6 ft./lb.
8mm-1.0	8.8	18 ft./lb.
8mm-1.25	8.8	16 ft./lb.
10mm-1.25	8.8	36 ft./lb.
10mm-1.5	8.8	31 ft./lb.

METRIC BOLTS

Thread Size	Grade	Torque
12mm-1.25	8.8	64 ft./lb.
12mm-1.5	8.8	60 ft./lb.
12mm-1.75	8.8	55 ft./lb.
14mm-2.0	8.8	88 ft./lb.

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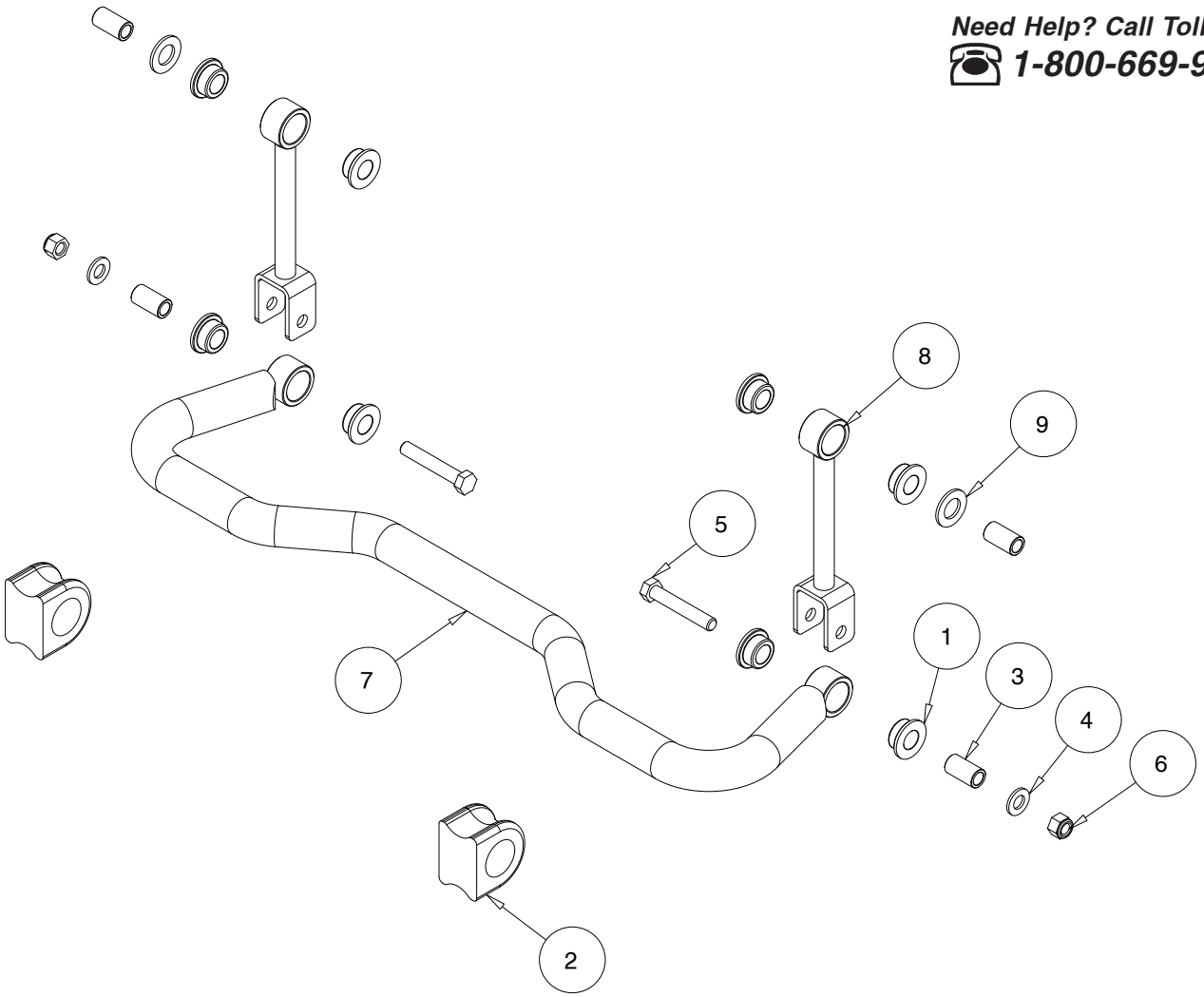
What You'll Need

Sockets and Wrench
General Hand tools
Second Person to Help

About this kit

1-1/2" Diameter
For most 2018 - 2025 Sprinter 3500 (Heavy Duty Use)

Need Help? Call Toll-Free
1-800-669-9690



ITEM.	QTY ..	MATERIAL	PART
1	4	BUSHING	205223-50
2	2	BUSHING	205401-10
3	4	BUSHING	205460-00
4	4	BUSHING SLEEVE	205522-00
5	2	1/2" HARDENED FLAT WASHER	350308-80
6	2	1/2-13 x 3" BOLT - GRADE 8	350706-00
7	2	1/2-13 NYLON INSERT LOCK NUT - GRADE 8	350735-00
8	1	ANTI-SWAY BAR	580541-HD
9	2	END LINK	B1103
10	1	THREADLOCKER	200544-00
11	1	AQUALUBE	400011-30

***Important:** All illustrations and specifications contained herein are based on the latest information available at the time of publication approval. ROADMASTER, INC. reserves the right to make changes at any time without notice in material, specification and models or to discontinue models.*

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Installation:

1. Remove the bar and disconnect the end links from the frame. They will not be replaced. Retain the hardware for the new end links.

⚠ 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.

2. Assemble the end links as shown in the drawing on page 2. Then, install the end links to the frame using the factory holes and hardware removed in the previous step. Note: Use Loctite on the nuts and bolts of the assembly.
3. Using the drawing on page 2 as a reference, assemble the supplied sway bar bushings in the rings. Then, with the assistance of a second person, hang the sway bar from the end links and bolt through the bushings and rings using the supplied 3" bolts.
4. Grease the poly bushings. Rotate the anti-sway bar up and reinstall the factory bushing clamps (Figure B and Figure C). Then, tighten the bushing clamp and end link to spec.
5. Test drive the vehicle. Recheck all fasteners and listen for any unusual noises. Torque bolts as needed after initial drive.


Fig.B


Fig.C

⚠ 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 cause 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 the instructions in this packet and the warnings therein may result in property damage, personal injury or even death.