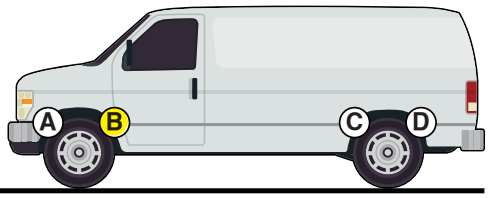
Front Aux. Sway Bar & Skid Plate Combo Kit
INSTALLATION INSTRUCTIONS

#1209-149
04/26
FC

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

For 2019-2026
Sprinter 3500
(1-1/4" Diameter)



⚠ 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 front anti-sway bar and skid plate combo kit. This kit is designed to improve the handling characteristics of the Sprinter 3500; 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.

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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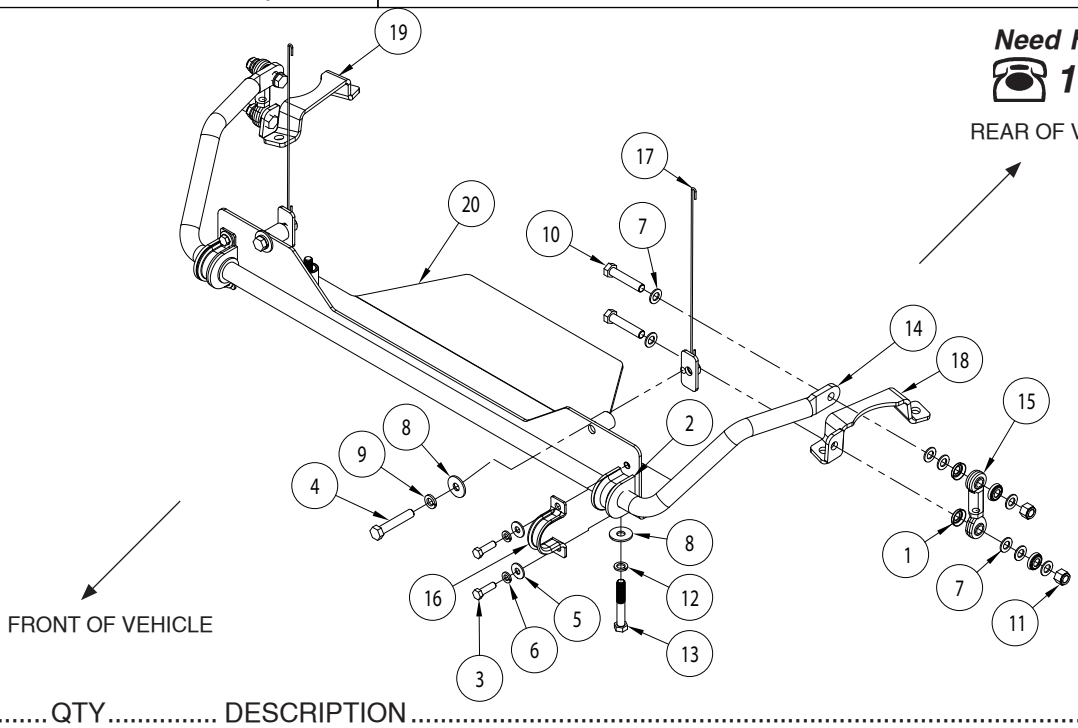
What You'll Need

Sockets and Wrench
Ratchet, potentially
General Hand tools
1/2" Drill & Bit
Second Person to Help

About this kit

1-1/4" diameter
Fits most 2019-2026 Sprinter 3500

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



ITEM	QTY	DESCRIPTION	PART
1	8	SEAL	200133-00
2	2	BUSHING	205215-10
3	4	3/8-16 x 1 1/4" BOLT - GRADE 8	350056-20
4	2	1/2-13 x 2 3/4" BOLT - GRADE 8	350098-50
5	4	3/8" HARDENED WASHER	350304-80
6	4	3/8" LOCK WASHER	350305-00
7	16	M12 FLAT WASHER	350308-20
8	4	1/2" FLAT WASHER	350308-00
9	2	1/2" LOCK WASHER	350309-00
10	4	1/2-20 x 2 1/2" BOLT - GRADE 8	350704-50
11	4	1/2-20 NYLON INSERT LOCK NUT - GRADE 8	350736-00
12	2	M12 LOCK WASHER	355725-00
13	2	M12 x 1.5 x 80mm BOLT	357112-10
14	1	ANTI-SWAY BAR	580623-125
15	2	END LINK	B1109
16	2	BUSHING CLAMP	B142
17	2	1 1/4" x 2 1/2" THREADED BACKING PLATE w/ 12" ROD	C003711
18	1	DRIVER SIDE BRACKET	C003905
19	1	PASSENGER SIDE BRACKET	C003906
20	1	SKID PLATE	C003746
21	1	AQUALUBE	400011-30
22	1	THREADLOCKER	200544-00

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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⚠ 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.

Installation:

1. Remove the factory bolts where the skid plate will go, reference the drawing on page 2 before proceeding. Install the skid plate using the supplied M12 x 1.5 x 80mm hardware with lock washer and flat washer under head on the bottom mounts (Fig.B – Circles), making sure the skid plate is flush with the frame.

2. Using the rear mounts as templates, drill two 1/2" holes. Secure the skid plate using the 1/2-13 x 2-3/4" hardware with a lock washer and flat washer under head (Fig.B – Diamond), using the window above this area, drop and secure into place the threaded backing plates.

Note: Use Threadlocker Red on all of the nuts and bolts of the assembly.

3. Grease the inside of the bushings using the provided aqualuba. After they are greased, place the bushings onto and over the anti-sway bar

4. Install the bushing clamps by bolting them into place over the bar and torquing to 53 ft./lbs.

5. Install the sway bar; attach the sway bar to the skid plate, bolt it into place using the provided 3/8-16 x 1 1/4" hardware (Fig.C). You may need to trim any touching plastic guards, trims, etc. for proper clearance.

6. Unbolt the spring clamps and reinstall them using the bolts to install the side-specific brackets where the endlinks will be mounted (Fig.D).

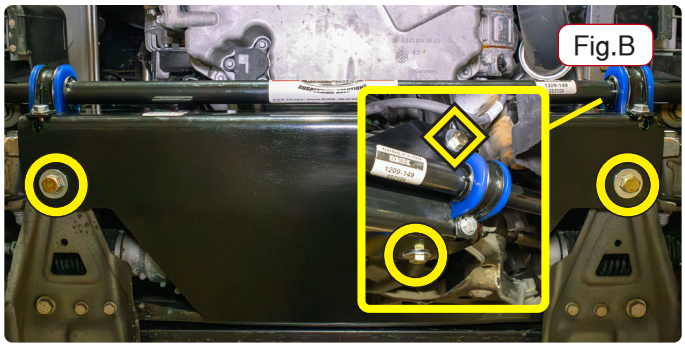
7. Using the page 2 drawing, assemble the endlinks then install them using the provided 1/2-20 x 2-1/2" hardware, seal, and washers, the alignment may be adjusted by adding washers. Attach swaybar to the endlinks.

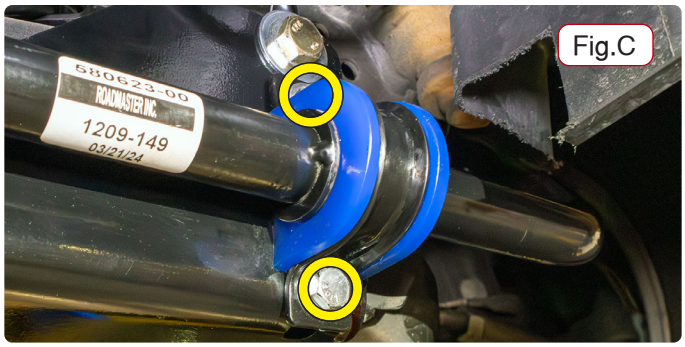
8. Recheck all fasteners and then test drive. Recheck fasteners after the test drive.

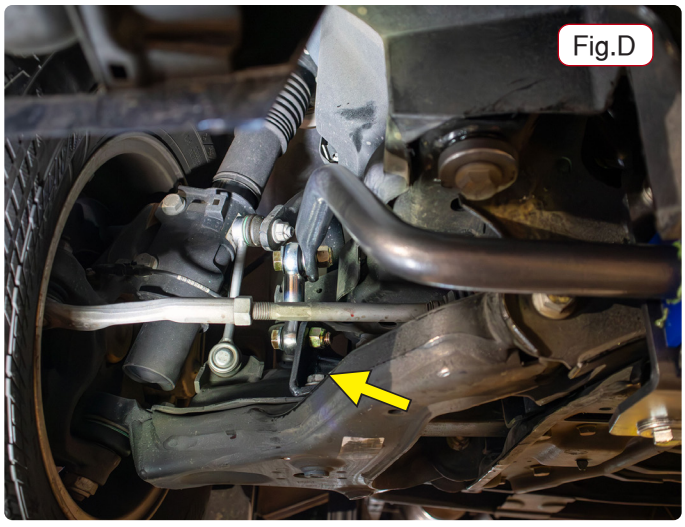
⚠ WARNING

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.