



Front Anti-Sway Bar Kit INSTALLATION INSTRUCTIONS

KIT# 1209-158

03/25
RS

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

For 2022 - 2025 Freightliner Supercoach XL
(57 Pass., 45' Shuttle Bus)



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.

Information:

Thank you for purchasing this rear anti-sway bar kit. This kit is designed to improve the handling characteristics of the Freightliner Supercoach XL; 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.



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
Threadlocker (Preferable Red)
Second Person to Help

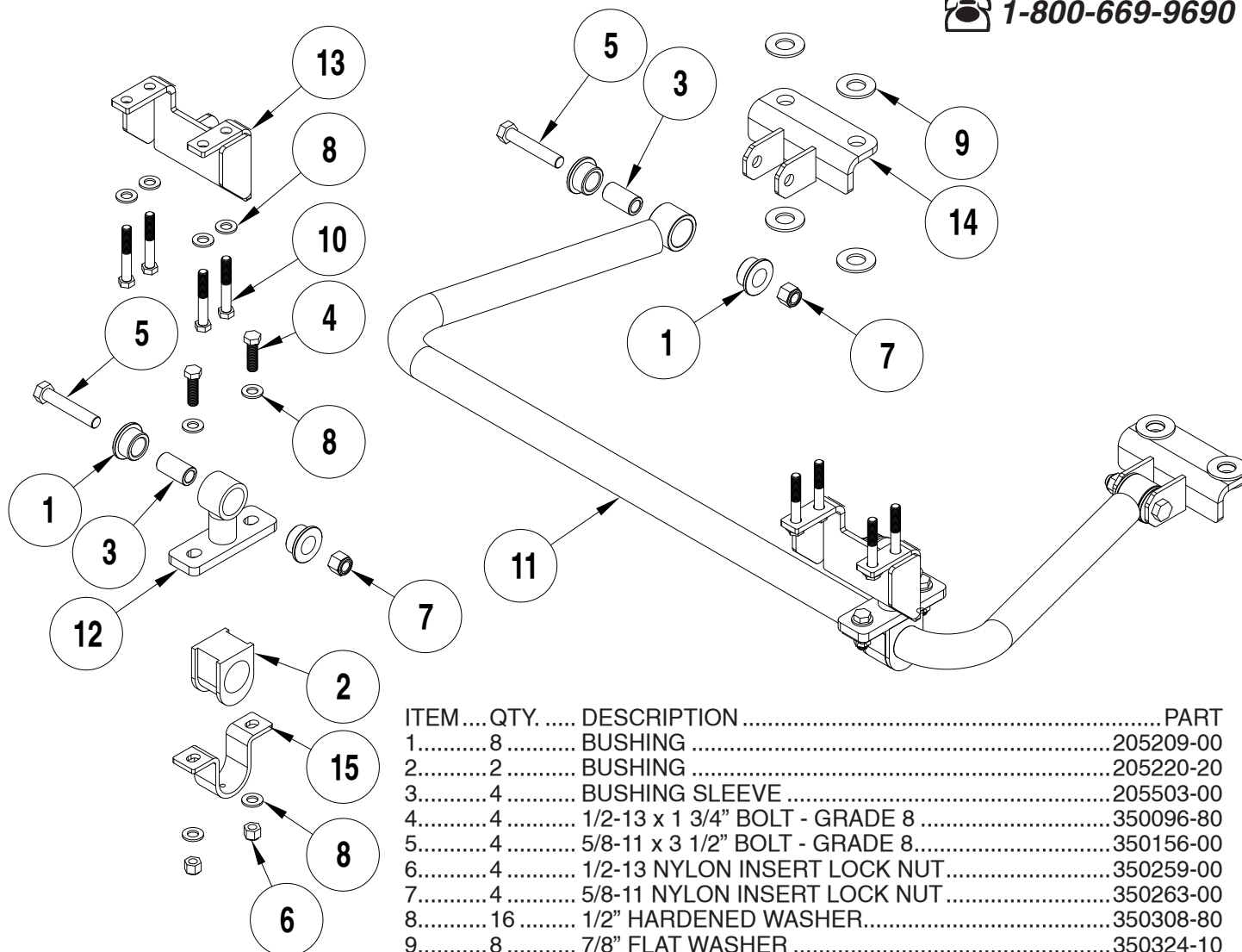
About this kit

1-3/4" diameter
Fits most 2025 Freightliner Supercoach XL (57 Pass., 45")
Note: This kit will only work on vehicles with a factory-installed front sway bar.

Need Help? Call Toll-Free



1-800-669-9690



ITEM	QTY.	DESCRIPTION	PART
1	8	BUSHING	205209-00
2	2	BUSHING	205220-20
3	4	BUSHING SLEEVE	205503-00
4	4	1/2-13 x 1 3/4" BOLT - GRADE 8	350096-80
5	4	5/8-11 x 3 1/2" BOLT - GRADE 8	350156-00
6	4	1/2-13 NYLON INSERT LOCK NUT	350259-00
7	4	5/8-11 NYLON INSERT LOCK NUT	350263-00
8	16	1/2" HARDENED WASHER	350308-80
9	8	7/8" FLAT WASHER	350324-10
10	8	M12 x 1.5 x 80 mm BOLT CLASS 10.9	357112-10
11	1	ANTI-SWAY BAR	580652-00
12	2	END LINK	B1006
13	2	BRACKET	B1157
14	2	BRACKET	B1162
15	2	BUSHING CLAMP	B141
16	1	AQUALUBE	400011-30
17	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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Installation:

1. Remove four bolts from the forward spring pin hangers (Location shown in Fig.C, bar already installed).

2. Locate the supplied B1157 brackets and related assembly hardware as indicated in the diagram on page two; and install them to the vehicle frame at this time using provided washers and the spring pin bolts you removed in step 1 and secure them with the included 5/8" lock nuts (Fig.C, shown with bar installed). Leave the assembly finger tight for now.

3. Lube the inside of the D-shaped anti-sway bar bushing with the provided grease. Place the bushings on the bar. Install the B141D bushing clamps over the bushing. As indicated in the diagram on the second page, install the bar assemblies that will hold the bushings onto the vehicle frame (Fig.D). Then attach the bushings to the assemblies.

4. Remove the front side of the axle u-bolt nuts, one side at a time. Then, install the B1162 bracket with 7/8" washers as detailed in the assembly diagram on page 2.

5. Swing the ends of the anti-sway bar up to the B1162 axle brackets, then attach the bar to the brackets using 5/8" x 4" bolts, flat washers and nuts (Fig.E, prior page).

6. Tighten the anti-sway bar-to-OEM axle bracket bolts. Now, tighten the axle bracket U-bolts and end link bolts to factory specs.

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

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

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.

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.



Fig.C

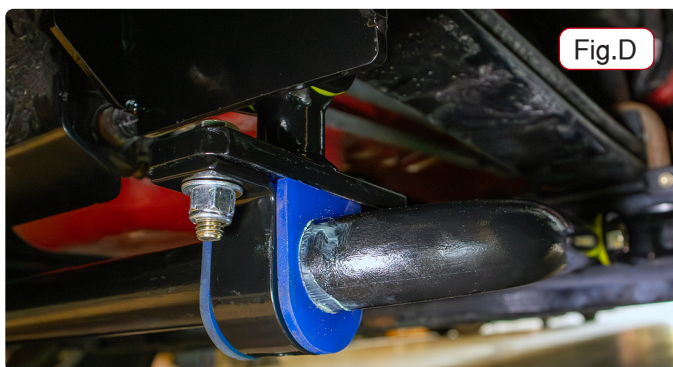


Fig.D



Fig.E

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.