

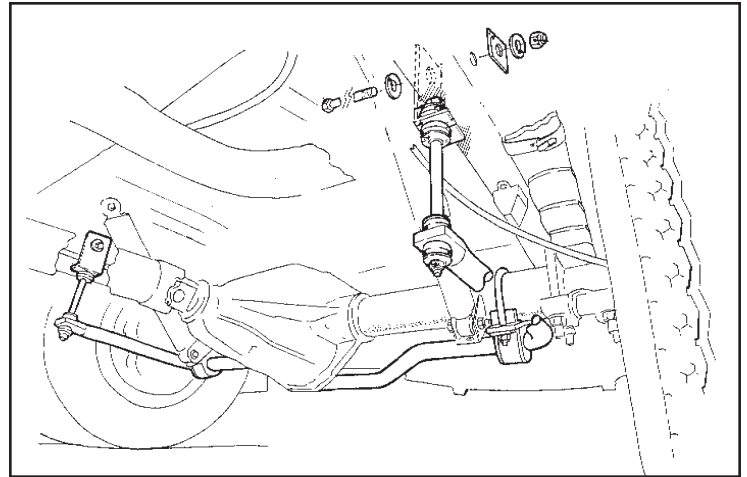


Installation Instructions

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

Rear Anti-Sway Bar Kit Dodge Mini Motorhome/Van

part #1129-111
1-3/8" diameter



INTRODUCTION

Thank you for purchasing the rear anti-sway bar kit. This kit is designed to improve the handling characteristics of your Dodge 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:

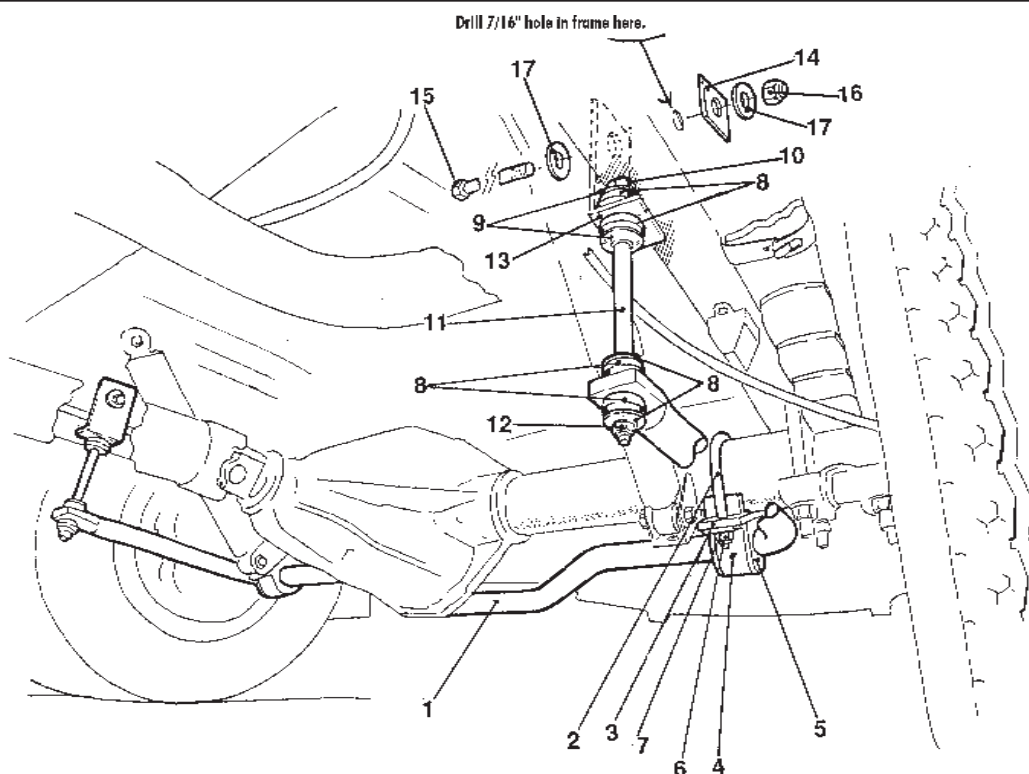
- 9/16", 11/16", 3/4" wrench and sockets
- 1/2" drill motor
- 7/16" drill bit

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 #1129-111

Part #	Description	Qty.	Part #	Description	Qty.
1. 580017-00	Sway bar, 1-3/8"	1	10. 350069-00	Bolt, 3/8" x 9-1/2"	2
2. 357359-00	U-bolt, 1/2" x 6" fine thread	2	11. 205509-00	Endlink	2
3. 480013	Bracket, cast axle clamp	2	12. 350272-00	Locknut, 3/8" hex	2
4. B141	U-bracket for poly bushing	2	13. B177	Bracket, angle 1/4" x 2" x 3"	2
5. 205219-10	Bushing, poly 1-3/8" split	2	14. B176	Square washer	2
6. 350259-01	Locknut, nyloc 1/2"	4	15. 350085-80	Bolt, 7/16" x 4-1/2"	2
7. 350308-00	Washer, flat 1/2" cut	4	16. 350256-02	Locknut, nylock 7/16" hex	2
8. 205381-00	Grommet, poly 7/16" x 1-1/4"	8	17. 350308-20	Washer, flat 1/2"	4
9. 357432-00	Washer, cup 7/16" x 1-1/2"	8	18. 400011-30	Aqualube Grease	

INSTALLATION

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

1. Before you begin, lay out and arrange all pieces as they will fit to your motorhome or van. This will allow you to familiarize yourself with the various kit components.

2. Park your motorhome or van on level ground.

The anti-sway bar can be installed without raising the vehicle. For ease of installation, you might want it set on jack stands.

WARNING: Never work under a vehicle supported by a jack alone. ALWAYS USE JACK STANDS.

3. Prepare the anti-sway bar to attach it to vehicle.

Start by greasing the bushings with the grease provided in the kit. Now, place the bushing on the anti-sway bar and place u-clamps over the bushings.

4. Place U-bolts over the axle tube just outboard of the shock brackets.

CAUTION: The brake will need to be pried away from the axle tubes a little. Do NOT clamp over the brake line.

Install the cast brackets onto u-bolts. Hint: two large rubber bands are helpful in holding the cast brackets onto the u-bolts while the anti-sway bar is being lifted into place.

With the anti-sway bar under the vehicle, lift the anti-sway bar up to the u-bolts and place washers and nuts on u-bolts. Run the nuts up, but DON'T tighten yet.

5. Assemble the endlinks to the anti-sway bar.

Begin with the angle bracket and long bolt. Place a cup washer onto bolt. Now, place grommet onto bolt and then insert bolt to angle bracket. Place a grommet, cup washer, spacer, cup washer, and then grommet to the bolt. Now, insert the end of the bolt to the end of the anti-sway bar, then place the grommet, cup washer and locknut to the end of the bolt. Tighten it just snug enough until the grommets do not spin.

6. Rotate the endlinks and the angle bracket to the inside of frame rails.

NOTE: Check clearance between the anti-sway bar and the differential housing. Rotate the bar at the saddle brackets to be sure it doesn't hit the center of the differential.

Leave 1/4" to 3/8" space between the head of the bolt and frame. Now, mark the frame for drilling the 7/16" holes. As the frame rails are box types, we suggest that you drill a 3/16" to 1/4" pilot hole in the inside rails. then drill a 7/16" hold through both sides of frame rails. Keep the drill straight through frame.



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.

INSTALLATION

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

6. Mount the endlink brakes and assembly to the frame rails.

With the 7/16" bolt, install the washer to the bolt then angle the bracket, push the bolt through the frame rails, then install the square flat washer and locknut.

7. Secure all nuts and bolts.

Start with the angle brackets and tighten to 25-30ft.-lbs. but do not compress the frame rails. Tighten the endlinks just snug enough so the grommets do not spin. Then, tighten the u-bolts to 40-50 ft.-lbs. on the axles. Check the clearance between differential and the anti-sway bar.

8. Test drive vehicle and re-tighten all nuts and bolts.

Recheck the clearance between the differential and the anti-sway bar.