

# READYLIFT®

SUSPENSION INC.

ReadyLift® (Part# 67-1090)

## Steering Box Stabilizer Bar Installation Instructions

2003-2008 Dodge Ram Cummins 2500/3500 4WD(Except PowerWagon)

**Please read instructions thoroughly and completely before beginning installation.**

**Check [www.Readylift.com](http://www.Readylift.com) for any updated installation instruction.**

**Installation by a trained mechanic is recommended.**

**SAFETY WARNING:** ReadyLift Suspension Inc. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

**PRODUCT SAFETY WARNING:** Modifying your vehicle ride height may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. ReadyLift Suspension Inc. does not recommend the combined use of suspension lifts, body lifts, or other lifting devices. You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

### Pre-Installation Notes

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of ReadyLift Suspension Inc. components. **Always wear safety glasses** when using power tools.
6. If installation is to be performed without a hoist, ReadyLift aSuspension Inc. recommends rear alterations first.
7. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

### POST-INSTALLATION WARNINGS

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.
2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.
3. Headlight adjustment is highly recommended.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

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Position truck on a flat surface and lift vehicle by the frame so that the front wheels are off the ground. Use a minimum 3 ton jack stands and place under frame for safety or a (2) two post lift if available. Make sure that the emergency brake is on and the rear wheels are blocked to prevent a rollout.

### Bill of Materials

<u>Description</u>	<u>QTY</u>
Steering Box Stabilizer Bar	1
Bearing Assembly	1
Sector Shaft Extension Nut	1
M12-1.75 40mm Hex Head Bolt 10.9 YZ	2
M12 Split Washer	2
M12 Flat Washer	2
M10-1.5 35mm Long Hex Washer Bolt 10.9 YZ	4



1.

Remove the four bolts that connect the front sway bar to the frame with a 15mm socket or wrench. Hold onto the sway bar while doing this as it will drop when unbolted.



2.

Allow the sway bar to hang down and rest against the crossover bar.



3.

Using a 1 5/16" socket, remove the factory sector shaft nut and lock washer.



4.

Install the new sector shaft nut supplied in the kit with the factory lock washer.

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5.



Tighten the new sector shaft nut using a 1 1/4 deep socket. Tighten to 180 lb-ft.

6.



The stabilizing bar will mount against the frame, then the sway bar will swing up and install on top of the stabilizer bar. Use the M10 flange bolts to fasten to frame.

7.



Coat the sector shaft extension with anti-seize. This will allow future removal easier. Install the M12 bolts from the top, then the bearing assembly, washer, and nyloc nut.

8.



Tighten the assembly hardware so that it is snug. Then tighten the sway bar mounting bolts to 40 lb-ft. Make sure the inner bearing surface can rotate around the sector shaft.

9.



Tighten the bearing assemble hardware to 86 lb-ft. Apply a light thread locker to the set screws and tighten. Make sure the zerk fitting is tight and apply grease using a grease gun.



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**This product is not a replacement for a new steering box and/or ball joints, but it will help reduce the stress placed on the steering box and associated wear. All steering components should be checked and replaced if necessary prior to installing the steering box support bar. Installation should occur on a vehicle properly secured to prevent rolling. Adding grease to the bearing at regular chassis lube intervals and/or oil changes will help promote bearing life.**

**Vehicle Handling Warning**

Vehicles with larger wheels and tires will handle differently than stock vehicles.

Take time to familiarize yourself with the handling of your vehicle.

**Installation Warning**

Always wear proper safety equipment and use the correct tools when installing any suspension upgrade. Make sure vehicle is on a flat surface and you are using jack stands or a lift rated for the weight of the vehicle.

**DRIVE SAFELY & WEAR YOUR SEATBELT.**