



## # D5301 Installation Instructions 2005-2011 Dodge 2500 PowerWagon Front Sway Bar Links

### **Read and understand all instructions and warnings prior to installation of product and operation of vehicle.**

Zone Offroad Products 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. Minimum tool requirements include the following: Assorted metric and standard wrenches, hammer, hydraulic floor jack and a set of jack stands. See the "Special Tools Required" section for additional tools needed to complete this installation properly and safely.

#### » **PRODUCT SAFETY WARNING**

Certain Zone Suspension Products are intended to improve off-road performance. Modifying your vehicle for off-road use 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. Zone Offroad Products 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.

#### » **TECHNICAL SUPPORT**

*Live Chat* provides instant communication with Zone tech support. Anyone can access live chat through a link on [www.zoneoffroad.com](http://www.zoneoffroad.com).

[www.zoneoffroad.com](http://www.zoneoffroad.com) may have additional information about this product including the latest instructions, videos, photos, etc.

Send an e-mail to [tech@zoneoffroad.com](mailto:tech@zoneoffroad.com) detailing your issue for a quick response.

**888.998.ZONE** Call to speak directly with Zone tech support.

#### **Difficulty Level**

easy (1) 2 3 4 5 difficult

Estimated installation: 0.5 hours

#### **Special Tools Required**

None

#### » **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 Zone Offroad Products. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, Zone Offroad Products 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.

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## Kit Contents

Qty	Part
2	Front Sway Bar Link
1	Bolt Pack
4	Large Hourglass Bushing
2	Sleeve - 9/16" ID
2	Sleeve - 1/2" ID

## Pre-Installation Note

*This kit was designed to work specifically with the Zone Offroad 3" 05-09 Dodge PowerWagon lift system. Steps outlined here are for the sway bar link installation only and should be carried out within the context of the lift system installation. Please refer to the #D5 lift instructions.*

## Installation Instructions

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Disconnect the sway bar links from the axle and sway bar. The links and hardware will not be reused.
3. Locate the new sway bar links, bushings and sleeves. Lightly grease and install the hourglass bushings into each end of the sway bar links.
4. Lightly grease the provided steel sleeves. There are two sleeves with a 9/16" ID and two with 1/2" ID. Place one of each size sleeve into each sway bar link. The 9/16" ID sleeves with mount to the sway and 1/2" to the axle.
5. Attach the new links to the sway bar and axle. The large ID sleeve goes to the sway bar and is attached with a 9/16"x 3" bolt, nut and washers. The opposite end mounts to the axle with a 1/2" x 3" bolt, nut and USS washers. Torque the 9/16" hardware to 90 ft-lbs and the 1/2" hardware to 65 ft-lbs. **Figure 1**
6. Check all hardware for proper torque. Check hardware after 500 miles.

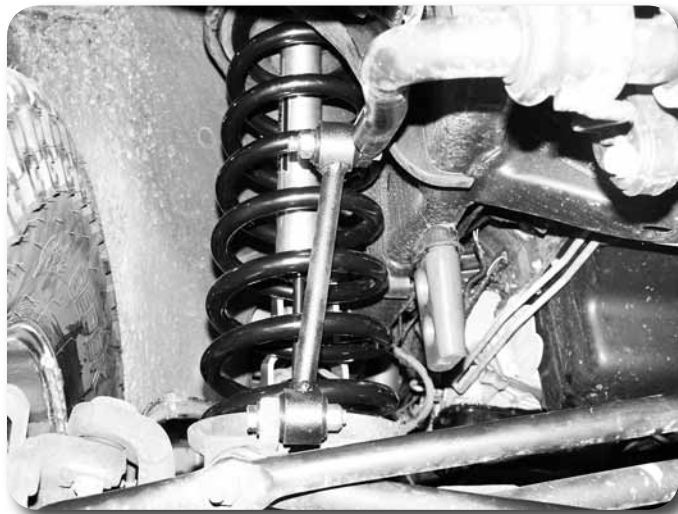


Figure 1