



Part#: 121618

Product: Traction Bars

Application: Chevy/GMC Truck

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## READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO INSTALLATION OF SYSTEM AND OPERATION OF VEHICLE.

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**SAFETY WARNING** BDS Suspension Co. 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** Certain BDS 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. BDS Suspension Co. 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 BDS Suspension components. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, BDS Suspension Co. 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

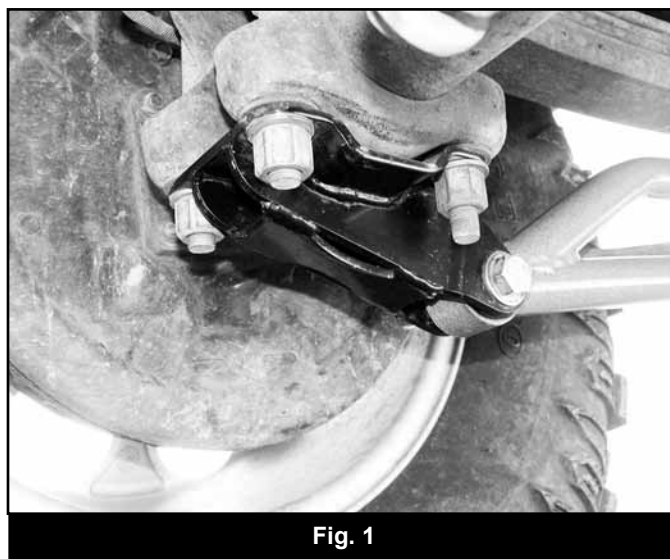
1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake 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. Perform head light check and adjustment.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

## PRE-INSTALLATION NOTES

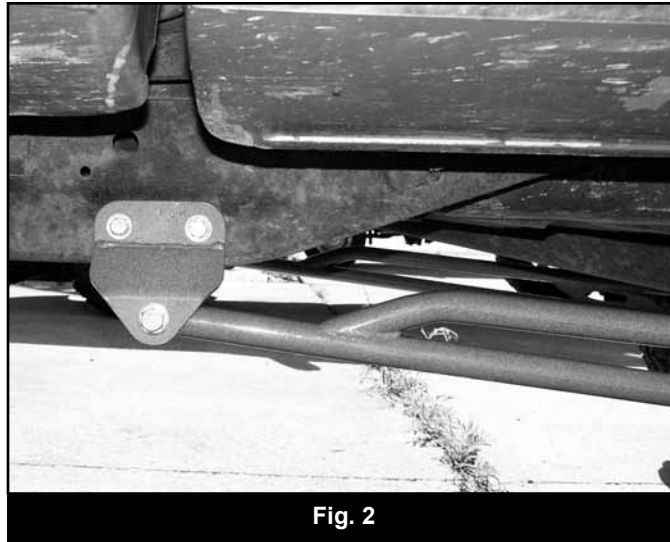
- ⓘ This kit uses the rear axle u-bolts as a mounting point. Inspect the rear u-bolts before attempting to install this kit. If the u-bolts need to be replaced, purchase them prior to beginning the installation. Never reuse worn or over-stressed u-bolts. BDS always recommends replace used u-bolts with new whenever they are removed.
- ⓘ Will not fit vehicles that are standard cab w/short box.

## INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, flat surface and block the front wheels for safety. This installation should be done with the weight of the vehicle on the rear axle.
2. Remove the driver's side u-bolt nuts and washers. If replacing u-bolts, remove old and install new now.
3. With the OE u-bolt plate in place, install a 9/16" SAE washer on each end of the u-bolts followed by the new traction bar mount bracket (01811). Make sure the mounting tabs on the bracket are to the front of the vehicle. Fasten the bracket with the u-bolt (new or used) nuts and washers (Fig 1). Torque u-bolts to 100-120 ft-lbs.



4. Repeat bracket installation on the passenger's side.
5. Lightly grease and install the provided hourglass bushings (M02016BK) and sleeves (54587) in the ends of the new traction bars (01805).
6. Attach a preassembled traction bar to the axle bracket with a 9/16" x 3" bolt, nut and 9/16" SAE washers. Install the traction bar so that the formed tube is on top and the two tubes gradually come together as it goes to the front of the vehicle. Leave mounting loose at this time.
7. Loosely attach the provided frame bracket (01803) with a 9/16" x 3" bolt, nut and 9/16" SAE washer to the opposite end of the traction bar so that the "L" in the bracket mounts to the frame. Hold the bracket flush against the frame and using the two holes and one slot in the bracket as a template, mark the locations to be drilled on the frame. Lower the bracket/traction bar from the frame.
8. Drill 3/8" holes at each of the three marks on the frame.
9. Place the bracket up to the frame and align the holes with the newly drilled holes in the frame. Fasten the bracket to the frame with 3/8" x 1-1/4" bolts, nuts and 5/16" USS washers (Fig 2). Torque bolts to 30 ft-lbs.



10. With both traction bar brackets installed, torque the two 9/16" bolts to 90 ft-lbs.
11. Repeat installation on the other side of the vehicle.
12. Check all hardware for proper torque.
13. Check hardware after 500 miles.