



## #J5022 Installation Instructions Jeep TJ, XJ Rear Shock Bar Pin Eliminators

### 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: 30 mins

#### 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.

rev061013

## Kit Contents

Qty	Part
2	Bar Pin Eliminator Bracket
1	Bolt Pack
2	Sleeve - 0.625 x 0.060 x 1.375

## INSTALLATION INSTRUCTIONS

*Pre-installation Note: The factory upper shock bolts on the rear of the XJ are prone to corrosion. Take care when removing these bolts as they can break easily. Spraying penetrating oil through the recesses in the uni-body should help to coat the threads of the bolts. In the event that the bolts do break they will need to be drilled out and removed.*

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Disconnect the rear shocks from the axle and the uni-body. Remove the shocks from the vehicle. Save all hardware.
3. The upper shock bar pin will need to be removed from the shock. This can be done using a bench vise and/or hammer and punch. Most any shock installed on an XJ should have a removable bar pin and a bushing with a 5/8" ID. If for some reason this is not the case the shock will need to be replaced in order to use this kit.
4. With the bar pins removed from the shocks, install the provided steel sleeve into the original bushings.
5. Attach the new bar pin eliminator brackets to the uni-body with the factory hardware. Torque bolts to 20 ft-lbs.
6. Attach the shocks to the new brackets with the provided 1/2" x 2-1/2" bolts, nuts and washers. Torque bolts to 60 ft-lbs.
7. Reattach the shock to the factory axle mount with the original hardware. Torque nut to 45 ft-lbs.
8. Check all hardware for proper torque.

