



## #J5015 Installation Instructions Shock Stem 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.

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## Kit Contents

Qty	Part
2	Shock Mount Adapter
1	Bolt Pack

## INSTALLATION INSTRUCTIONS

*This kit is designed for use on Jeep models utilizing stem-style shock mounts at the frame. These adapters can also be used on other applications where a stem-style shock is used as long as there is adequate clearance for the adapter and related mounting hardware. The adapters are designed to be used with a shock eye width of 1-3/8" and a mounting bolt diameter of 1/2" (hardware included).*

*These instructions will outline the installation of these adapters on the front of Jeep models TJ/XJ/ZJ/YJ/WJ. Other installation will be similar.*

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Disconnect the shocks from the axle and frame mounts. Save the axle mount hardware.
3. Locate the appropriate new shocks to be installed along with the new provided stem eliminator brackets. Install the appropriate bushings/sleeves in the new shock eyes.
4. The new brackets can be installed in two different ways. Attached to the shock first or frame first. Depending on the application one way may be easier than the other. Attach the bracket to the frame with the provided 3/4" nuts and washers. Attach the bracket to the shock with the provided 1/2" x 2-1/2" bolts, nuts and washers.
5. When all hardware is installed properly and the bracket is adjusted to the desired position torque all hardware to approximately 60 ft-lbs.
6. Attach the shocks to the original axle mounts using the factory hardware. Torque hardware to 20 ft-lbs (Jeep applications - others will vary).
7. Check all hardware for proper torque.