



## #J5006 Installation Instructions 1984-2001 Jeep Cherokee XJ 1" Transfer Case Drop

### **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.

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#### » **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.

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#### » **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.

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#### » **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.

## Kit Contents

Qty	Part
2	Transfer Case Drop Spacer
1	Bolt Pack

### Step 3 Note

If the double nut method will not work, the nut can be tack welded to the stud to form a "bolt". Thread the nut on the stud and tack the end of the stud so the nut cannot be threaded off. Remove the stud. BE SURE to disconnect the battery before welding.

## INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Support the transfer case with a hydraulic jack.
3. Remove the two bolts and two nuts (one each per side) holding the transfer case crossmember to the frame rails.
4. Lower the transfer case about 1-1/8". The stud in each frame rail must be removed. This can be done with the double nut method. Install one nut followed by another and tighten the nuts against each other. Remove the stud by turning the top nut (one closest to the frame).
5. Position the provided transfer case drop spacers between the frame rails and the crossmember. Align the holes in the crossmember with the holes in the spacers. The outer face of the spacer should be relatively flush with the outer edge of the crossmember, if not turn the spacer around. Fasten the crossmember and spacers to the frame with 10mm x 60mm bolts and lock washers. Torque hardware to 35 ft-lbs.
6. Check the transfer case shift level operation. The linkage may need to be adjusted in some cases.