



#J5859 Installation Instructions Replacement Shock Mount

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.

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 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: 0.5-1 hour

Special Tools Required

Welder

Angle Grinder

Cut-off Wheel or equivalent

» 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	Shock Mount Bracket
2	Shock Stud Pack



#J5859 Replacement Shock Mount

INSTALLATION INSTRUCTIONS

This shock mount is intended for use on 1984-2001 Jeep Cherokee XJ rear axles to replace the low hanging factory mounts. The following instructions outline the installation of these mounts on an XJ. However, these mounts can be used in on virtually any custom application with a round mounting surface between 2-1/2" and 3-1/2" diameter (slight grinding of the bracket may be required).

1. Park the vehicle on a clean, flat surface and block the front wheels for safety.
2. Remove the rear shocks from the axle mounts.
3. Remove the factory shock mounts from the axle. Take care not to cut into the axle tube. Grind the axle surface smooth. **Figure 1**



Figure 1

4. Position the new shock mounts on the axle just inside of the leaf spring u-bolt, leaving enough room to weld the bracket to the axle (about 1/2"). The shock bracket mounts on the lower half of the axle tube. Positioning the new bracket on the lower half will raise the shock location approximately 3" compared to the factory mount. **Figure 2**

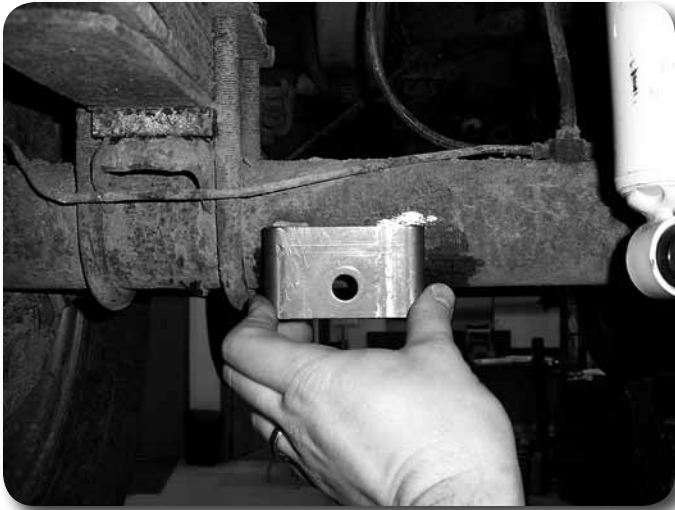


Figure 2

5. Position the new mount so the flat mounting surface will be parallel to the centerline of the shock body at ride height. This will ensure that the shock bushing will run square in the shock eyes at ride height. **Figure 3**



Figure 3

6. With the bracket position determined, fully weld the bracket to the axle. Allow the bracket/axle tube to cool and paint all exposed metal to prevent corrosion.
7. Install the provided shock stud on the bracket with the provided hardware. Torque nut to 55 ft-lbs.
8. Install the shock on the stud with the provided hardware. Torque nut to 40 ft-lbs. **Figure 4**



Figure 4

9. It is important at this point to take careful measurements to ensure proper slack/clearance in components such as the brake lines, bump stops and tire/fender to allow for the change in the suspension travel from the relocated shock mounts. Make adjustments as necessary, which may include a change in shocks.
10. Check all hardware for proper torque.