



#J5609 Installation Instructions 2007-2009 Jeep Wrangler JK Rear Coil 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: 1 hour

Special Tools Required

Welder

Reciprocating Saw, Cut-off wheel
or Equivalent metal cutting tool

» 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	Rear Weld-On Coil Mount

INSTALLATION INSTRUCTIONS

»» PRE-INSTALLATION NOTE

1. This kit was designed for use on 2Dr model JKs with over 4" of lift and for 4Dr model JKs with over 6" of lift. At these height the new coil mounts correctly compensate for the axle rotation necessary for proper driveline angles. These mounts rotate the coil position approximately 10 degrees.
2. Zone Offroad Products recommends that an experienced welder installs this kit.
3. Depending on the amount of coil "bow" the original suspension setup had, there may be a minor amount of suspension ride height increase with the installation of these mounts. This is the result of the coil being reset to its intended vertical operating position at ride height.
4. These mounts are designed to work with most aftermarket rear axle track bar relocation brackets. Check clearances on the driver's side before proceeding with the installation. In some rare cases the aftermarket track bar bracket may interfere with the intended coil mount location. Modifications may be necessary and will vary from case to case.

»» INSTALLATION

1. Park the vehicle on a clean, flat surface and block the front wheels for safety.
2. Disconnect the rear track bar from the driver's side axle mount. Save hardware.
3. Raise the rear of the vehicle and support with jack stands under the frame rails, just ahead of the lower control arm mounts.
4. Support the rear axle with a jack.
5. Disconnect the rear shocks from the axle. Save hardware.
6. Disconnect the rear sway bar links from the axle. Save hardware.
7. Lower the axle and remove the rear coil springs and upper rubber isolators.
8. Raise the axle and reattach the shocks. The shocks will support the axle during the remaining portion of the installation.
9. The coil spring retaining boss on each of the coil axle mounts needs to be removed. **Figure 1** Using a reciprocating saw (recommended), cut-off wheel, etc, cut the boss off flush to the coil mount surface. **Figure 2** Once removed, paint the any exposed metal.



Figure 1



Figure 2

10. Locate the new provided coil mounts. Place the mounts over the factory mounts so that the new mount wraps around the back side of the axle tube and is centered over the factory mount. **Figure 3, 4** Note the areas to be welded on each side of the mount to the axle and at the front where the new mount rests on the factory one.



Figure 3



Figure 4

11. Remove the new coil mounts and remove any paint, rust, oil, etc from the areas to be welded.
12. Reposition the new mounts as before and tack weld in place. Double check the mount position and fully weld in place.
13. Allow the welds to cool and paint the new mounts and welds.
14. Support the axle with a jack and disconnect the shocks from the axle mounts.
15. Lower the axle and reinstall the coil springs along with the factory upper rubber isolators.
16. Reattach the rear shocks. Torque shock bolts to 65 ft-lbs.
17. Reattach the rear sway bar links to the axle and torque hardware to 65 ft-lbs.
18. Remove the jack stands and lower the vehicle to the ground. Reattach the rear track bar to the axle mount and torque hardware to 95 ft-lbs.
19. Check all hardware for proper torque. Check hardware after 500 miles.