

IRON ROCK OFF ROAD

JK Rear Coil Spring Retainers Instructions

1-877-919-JEEP www.ironrockoffroad.com

Parts List:

- ☐ Instructions
- ☐ Iron Rock Off Road logo decal 10001 (1)
- ☐ JK Rear Coil Spring Retainer 80061 (2)
- ☐ Coil Spring Retainer Plate 85029 (4)
- ☐ **#195 - JK Rear Coil Retainer Hardware (1)**
 - ☐ 7/16 Flag nut with bend 80063 (2)
 - ☐ 7/16-14 x 2-1/2" Set Screw (2)
 - ☐ 7/16-14 x 1" Hex head bolt, gr8 (2)
 - ☐ 7/16-14 Serrated flange nut (2)



Safety Warning: ***Important! Read before installation. ***

We recommend this system be installed by a qualified professional. Knowledge of suspension component function is necessary for safe installation and post installation inspections. Be sure to re-torque all suspension components after the first 100 miles of use, and frequently inspect all safety critical suspension components.

Before you begin:

- ☐ Read all safety warnings.
- ☐ Read and understand installation instructions.
- ☐ Contact Iron Rock Off Road with any questions before, during, or after installation.
- ☐ **Ensure that all parts are present and in good condition using the included shipping checklist.**
- ☐ Be sure you have the following tools and supplies:
 - ☐ Floor jack and jack stands.
 - ☐ Basic hand tools (wrenches, sockets, etc.).
 - ☐ Allen wrenches
 - ☐ Torque wrench (ft-lb and in-lb)
 - ☐ Anti-seize compound

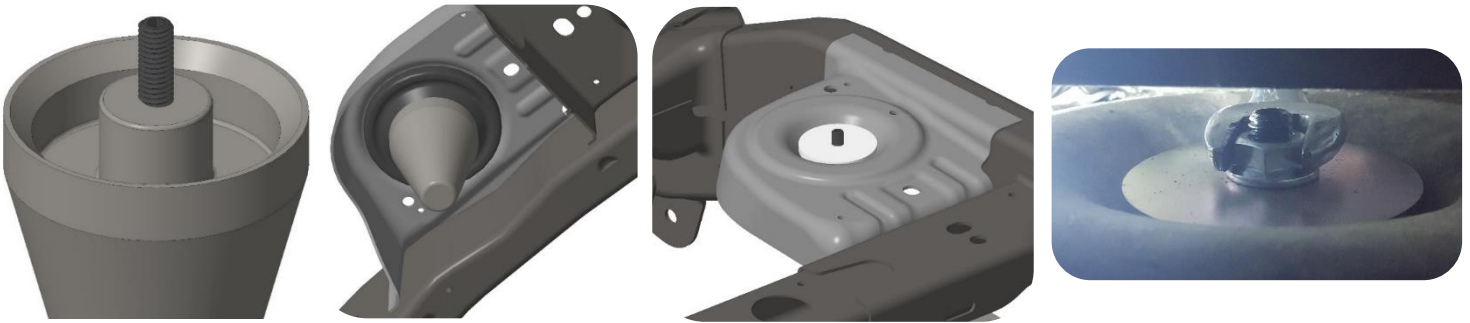
Removal of existing parts:

1. Raise the rear end of the vehicle and secure on jack stands under the frame.
2. Remove rear wheels.
3. Support the rear axle with a jack, do not lift at this time.
4. Disconnect the rear shocks.
5. Lower the rear axle with the jack allowing the suspension to fully droop. *Be careful not to over extend the rear brake hoses*
6. Remove the rear springs from the Jeep.



Retainer Cone Installation:

7. Using a 7/32" Allen wrench, install the set screws into the retainer cones. Leave 1" of thread exposed.
8. Place a coil retainer plate on top of the factory coil spring mount.
9. Position the factory coil spring isolator on the coil spring retainer.
10. Install the retainer cone by aligning the set screw with the retainer plate. Secure the retainer with a 7/16 serrated flange nut using a box end wrench to position the flange nut on the retainer plate.
**Tip: It is easiest to position the box end wrench from the outside of the frame from inside the fender opening.
11. Tighten the retainer by twisting it by hand. Tighten until the twisting becomes difficult then turn the nut a few more times with the wrench.



Lower Retainer Plate Installation:

12. Reinstall the springs into the Jeep by positioning them over the retainer cones and lower spring mounts on the axle.
13. Insert the 7/16 flag nut into the lower spring mount from the bottom side and align it with the hole in the lower spring mount.
14. Insert the retainer plate into the spring. Add a small amount of anti-seize to the 7/16 x 1" bolt and torque to 54 lb-ft.



15. Reconnect the shocks
16. Reinstall the wheels and place the vehicle on the ground.
17. Torque lug nuts to spec. (Typical specification is 85-115 ft-lbs., depending on your wheels)

Final Safety Warning:

* Re-torque all fasteners after 100 miles, and frequently inspect all safety critical steering components. It is the responsibility of the installer to ensure all fasteners are properly tightened after installation and to ensure the owner knows his/her ongoing responsibility. It is the responsibility of the owner of the vehicle to be sure all safety critical components are inspected frequently, especially after off road or other demanding use.

