

# 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)
- #195 - JK Rear Coil Retainer Hardware (1)**
  - Coil Spring Retainer Plate 85029 (2)
  - Upper Retainer Nut Plate 80146 (2)
  - 7/16 Flag nut with bend 80063 (2)
  - 7/16-14 x 2" hex bolt, gr8 (2)
  - 7/16 SAE washer (2)
  - 7/16-14 x 1" Hex head bolt, gr8 (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

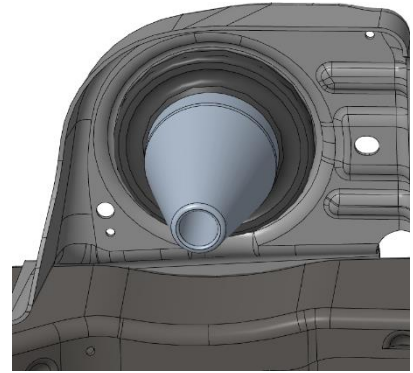
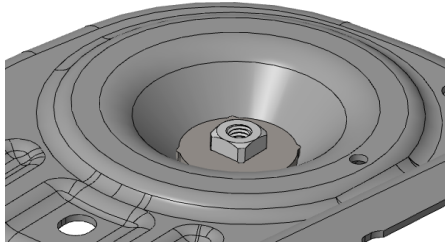
## Removal of existing parts:

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.



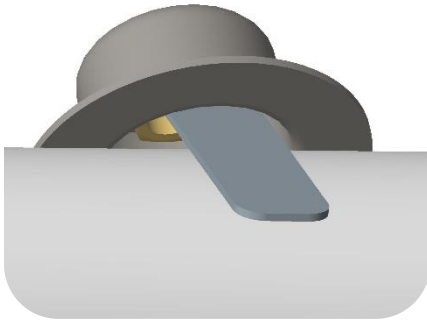
### **Retainer Cone Installation:**

7. Position the nut plate on top of the coil spring mount with the nut facing up.
8. Place the upper isolator on top of the retainer cone then place it up onto the coil spring mount. Secure with 7/16 x 2" bolt and washer.
9. Tighten until the isolator starts to deform and tightening effort increases sharply.



### **Lower Retainer Plate Installation:**

10. Reinstall the springs into the Jeep by positioning them over the retainer cones and lower spring mounts on the axle.
11. 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.
12. 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.



13. Reconnect the shocks
14. Reinstall the wheels and place the vehicle on the ground.
15. 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.

