

# INSTALLATION MANUAL:

Jeep Gladiator Rear Coil Springs Quick Guide (2020+, JT)  
COR-1510151, 1510251, 1510351, 1510256, 1510356



# DISCLAIMER

## WARNING:

Suspension systems and their components are designed to enhance your vehicle's off-road performance. This may cause your vehicle to handle differently, on and off-road. Always wear your seatbelt and take extra care when driving a modified vehicle. Failure to do so can result in loss of control which may result in a rollover causing serious injury, or even death to the driver and/or passengers of the vehicle. Regular maintenance and consistent inspections are required to keep your modified vehicle safe and functioning properly. These suspension systems and any components should be installed by certified technicians only. Attempts to install these products without proper knowledge can lead to poor performance, or possible failure, which may jeopardize the safety of the vehicle and its passengers. The installer is responsible for proper installation ensuring a safe and properly functioning vehicle. Take extra care when operating a modified vehicle and thoroughly inspect your vehicle before and after every off-road use.

Read the instruction set in its entirety before attempting the installation.

## NOTE:

This product may require general welding, fabrication, and automotive mechanic skills. Welding should only be done by a competent welder. Clayton Off Road implies no guarantees or warranties and is not liable for improper installation. Some grinding and fitment may be required when installing this product. Every vehicle varies slightly, and some fabrication and/or modification may be required.

## ATTENTION:

It is the customer's responsibility to thoroughly inspect all received parts to ensure they are assembled correctly and fully welded. Please carefully examine all weld seams and verify that bolt-through holes are properly aligned. Some Clayton Off Road products are permanent, non-removable, weld-on solutions. **If a defect or issue is found after installation, especially with permanent weld-on components, it may be difficult or impossible to correct.** Inspecting the part(s) received beforehand helps prevent unnecessary and avoidable complications.

## ATTENTION: TORQUE SPECIFICATION

When working on any vehicle, it is good practice to torque suspension/weight-bearing components while the vehicle is resting under its load. This instruction set, as well as any other Clayton Off Road instruction set, assumes the installer will tighten any suspension-related components properly, to the recommended torque specification, when the vehicle is resting safely under its own weight.

## ATTENTION:

Clayton Off Road recommends installing your factory isolators on our springs **before** installing the new coils on your Jeep Gladiator. Reusing the isolators on your new springs will help eliminate spring chatter and avoid premature wear on the paint and finish.

Follow the steps on the next page to properly install the OEM isolators.





# INSTALLATION INSTRUCTIONS

## 1. Removing the OEM isolators:

- Remove the three outside spring isolators from the factory springs. Use a flathead screwdriver or a blade to peel off the isolator from the factory coil. Keep any adhesive on the inside of the isolators.

## 2. Installing the top isolator:

- Pry the spring apart slightly to install the first isolator at the top of the coil. Locate the first isolator about ¼" out past the top coil ring. See Figure 1 below.

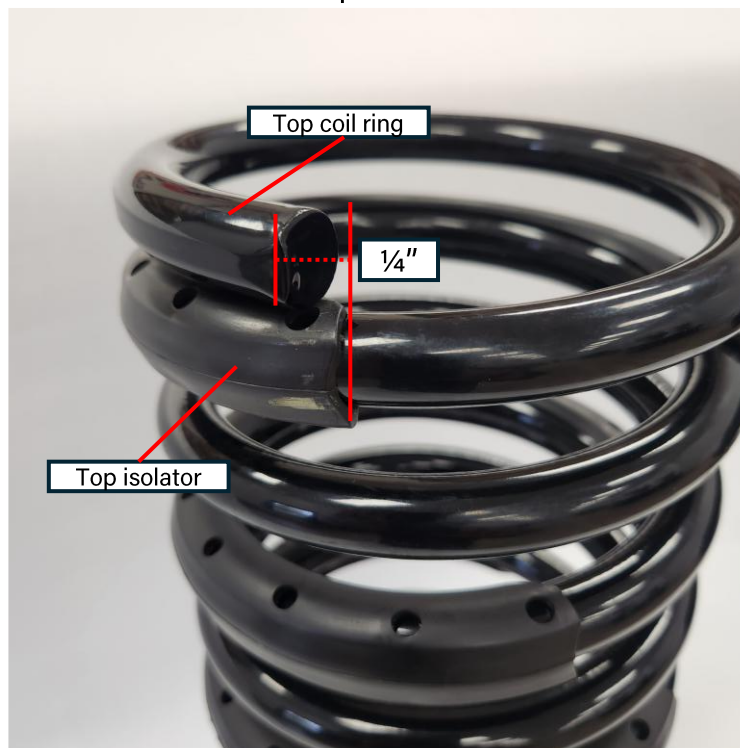


Figure 1: Top isolator location

# INSTALLATION INSTRUCTIONS

## 3. Installing the middle isolator:

- Install the middle isolator as shown in Figure 2. Measure about 3 inches from the end of the first isolator and install the middle isolator on the coil ring below it.

## 4. Installing the top isolator:

- Similarly to Step 3, install the bottom isolator a single rung below the middle isolator, but 3" from the end of the middle isolator.

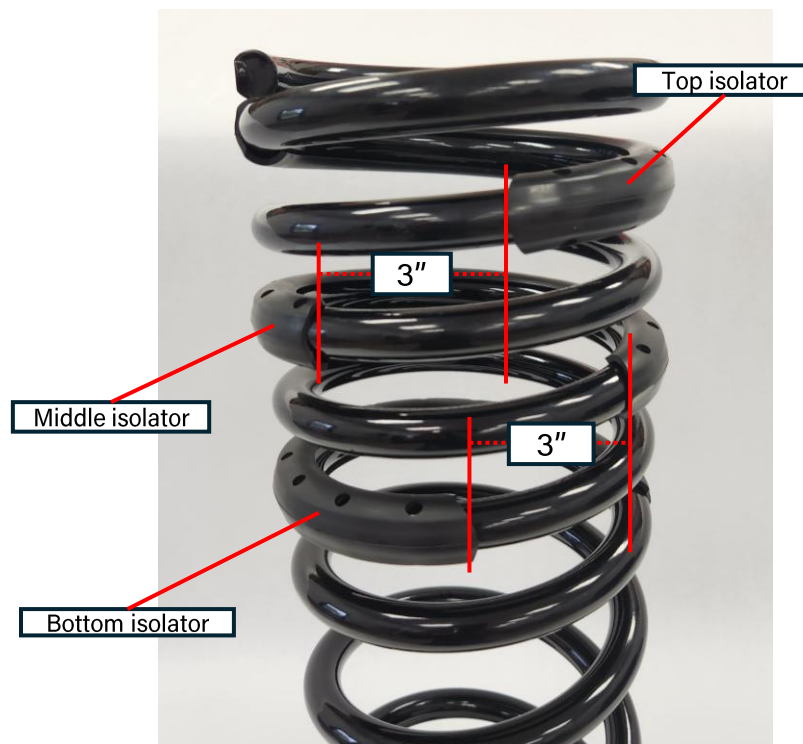


Figure 2: Middle and bottom isolator location

# INSTALLATION INSTRUCTIONS

## 5. Isolator installation complete:

- Installing the rear coil spring isolators at these locations will minimize coil chatter because they are evenly spaced and cover the maximum amount of area on the coil possible.
- Install the coils back into the vehicle. **Reinstall the coil bucket isolator at the top of the new spring.** Clock the spring properly so that it sits in the top coil bucket and the lower coil mount on the axle.



Figure 3: OEM coil with isolators

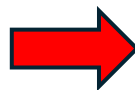


Figure 4: COR coil with isolators