



J2101 Installation Instructions

2018-2020 Jeep Wrangler JL- Front

2020 Jeep Gladiator JT- Front

2007-2018 Jeep Wrangler JK- Front

3/4" Coil Spacer

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

www.zoneoffroad.com may have additional information about this product including the latest instructions, videos, photos, etc.

Send an e-mail to tech-zone@ridefox.com detailing your issue for a quick response.

888.998.ZONE Call to speak directly with Zone tech support.

» 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.

Difficulty Level

easy 1 2 3 4 5 difficult

Estimated installation: 1-2 hours

Tire/Wheel Fitment

33x12.50 tire/17x8, Stock
backspacing

*33x12.50 tire/ 20x10, 4.75"
backspacing

*Trimming required, minor rubbing
could occur in off-road use

Kit Contents

Qty	Part
2	Front Coil Spring Spacer

Pre-Installation Check

1. Before getting started verify your top spring isolator. If the front spring upper isolator is flush with the first winding of the coil spring this kit **will work**. Figure 1 If the isolators center lip is lower than the first winding of the coil spring this kit **will NOT work**. Figure 2



Figure 1



Figure 2

INSTALLATION INSTRUCTIONS

2. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
3. Disconnect the front track bar from the axle. Save mounting bolt. Figure 3



Figure 3

Step 11 Note

The locating nubs should be on the inside, towards the frame rail

4. Raise the front of the vehicle and support the frame with jack stands behind the front lower control arm pockets.
5. Remove the wheels.
6. Disconnect the sway bar links from the axle using an 18mm socket/wrench. Save hardware.
7. Disconnect the brake line brackets from the lower control arms to allow enough slack for coil spring removal. Figure 4



Figure 4

8. Disconnect the axle disconnect wire harness from the axle include the 2 harness clips.
9. Rubicon Models: Disconnect the locker wire harness from the axle.
10. Remove the lower shock bolt using an 18mm socket and wrench. Save hardware.
11. Lower the front axle taking care to not over extend any harness or the driveshaft and remove the coil springs from the vehicle.
12. Remove the upper coil isolators from the frame, noting the orientation of the locating nubs.
13. Cut the nubs from the isolators using a razorblade or flush cut pliers. Figure 5

Step 10 Note

Take care not to over-extend the brake lines when removing and installing the coil springs.



Figure 5

14. Install the coil spacers and factory isolators back onto the frame in the same orientation as noted in step 11. The new spacers should be positioned between the frame and the factory isolator. **Figure 6**

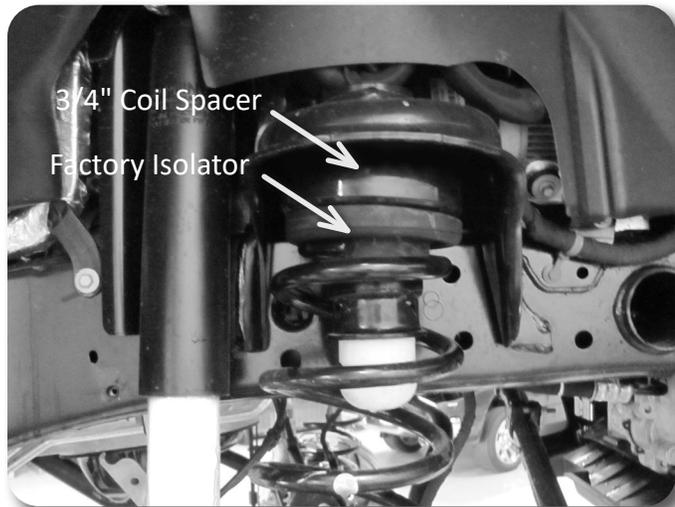


Figure 6

15. Install the spring in the vehicle. Make sure the spring is seated properly in the axle mount.
16. Repeat the spring spacer installation of the other side of the vehicle.
17. Raise the axle with a jack enough to re-install the lower shock bolt. Torque the bolts to 82 ft-lbs.
18. Re-install the sway bar end link bolts. Torque bolts to 50 ft-lbs.
19. Re-install the axle disconnect wire harness
20. Rubicon models: Re-install the locker wire harness to the axle
21. Re-attach the brake line brackets to the lower control arms. Slightly bend the brackets for adequate slack if necessary.
22. Install the wheels and torque lug nuts to 130 ft-lbs. Lower the front of the vehicle to the ground.

23. Reattach the front track bar to the axle with the factory hardware. Have an assistant turn the steering wheel to aid in aligning the track bar bolt. Torque the track bar bolt to 121 ft-lbs.

» **POST-INSTALLATION**

24. Double check all hardware for proper torque.
25. Check all fasteners after 500 miles and at regularly scheduled maintenance intervals.

Post-Installation Warnings

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.
2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure.
3. Perform head light check and adjustment.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.