



SUSPENSION INC.

ReadyLift® (Part# 66-6095) 3-way Adjustable Leveling kit

Installation Instructions

Jeep Wrangler JK 2 & 4 Door (US Patent #7665743)

Please read instructions thoroughly and completely before beginning installation.

Check www.readylift.com for any updated installation instructions.

Installation by a highly trained mechanic is recommended.

SAFETY WARNING: ReadyLift Suspension Inc. 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.

PRODUCT SAFETY WARNING: Modifying your vehicle ride height 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. ReadyLift Suspension Inc. 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.

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 ReadyLift Suspension Inc. components. **Always wear safety glasses** when using power tools.
6. If installation is to be performed without a hoist, ReadyLift Suspension Inc. 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.

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. Longer replacement hoses, if needed can be purchased from a local parts supplier.
3. Headlight adjustment is highly recommended.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

ReadyLift Suspension Inc.

3201W MacArthur Blvd, Santa Ana, CA, 92704

Toll Free (888) 922-2294 Local (714) 862-2968 Fax (714) 862-2972

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List of Tools needed

1/2" Ratchet
10MM socket
19MM Socket
18MM Socket
21mm Socket
18mm Combination Wrench
19mm Combination Wrench
6000lb. Rated Jack Stands
Hydraulic Floor Jack

Bill of Materials

1" Tear Drop Spacer	2
1" Circular Spacer	2
M12 X1.75 Hex Head Bolt	2
M12 Split Washer	2
1/4-20 Flat Socket Cap Bolt	8
Allen Wrench	1
M12 X 1.75 Hex Nut	2



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1. Position truck on a flat level surface and lift vehicle by the frame so that the front wheels are off the ground. Use a floor jack and jack stands or a (2) two post lift if available. Set emergency brake or block rear tires.



2. Remove both driver and passenger front wheels.

3. Remove 10mm brake line support bolt from driver and passenger side.



4. Remove driver and passenger 18mm lower sway bar end link bolts.

5. Use a jack to raise the front axle to release pressure off the shock bolts.



6. Remove the 21mm lower trac bar bolt.

7. Remove the driver and passenger 18mm lower shock nut and bolt.

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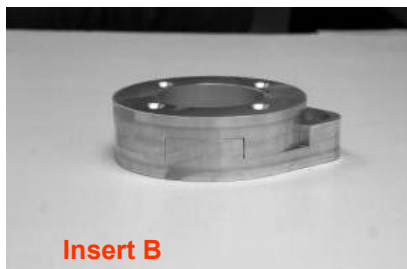
8. Loosen but do not remove the three transfer case skid plate bolts.



9. Lower the jack and remove the coil spring and rubber isolator.



Insert A

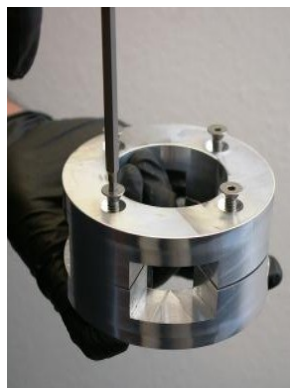


Insert B



Insert C

Single plate installed equals 1" lift. (**A**) Two plates interlocked equals 1.5" of lift. (**B**) Two plates stacked equals 2" of lift. (**C**)



10. Install the M12 bolt into recessed hole in tear drop plate. Bolt circular plate to tear drop plate using the 1/4 flat socket caps provided for 2" of lift. Make sure that socket caps are flush with end of circular plate but do not over tighten. For the 1.5" lift, interlock the 2 plates (**B**). For the 1" lift only install the single circular plate with the flat surface facing the coil (**A**)



11. Install ReadyLift adjustable spacer with M12 bolt facing up into existing hole in the frame coil bucket. Install M12 lock washer and nut. Install factory rubber isolator the coil spring. Repeat on opposite side.

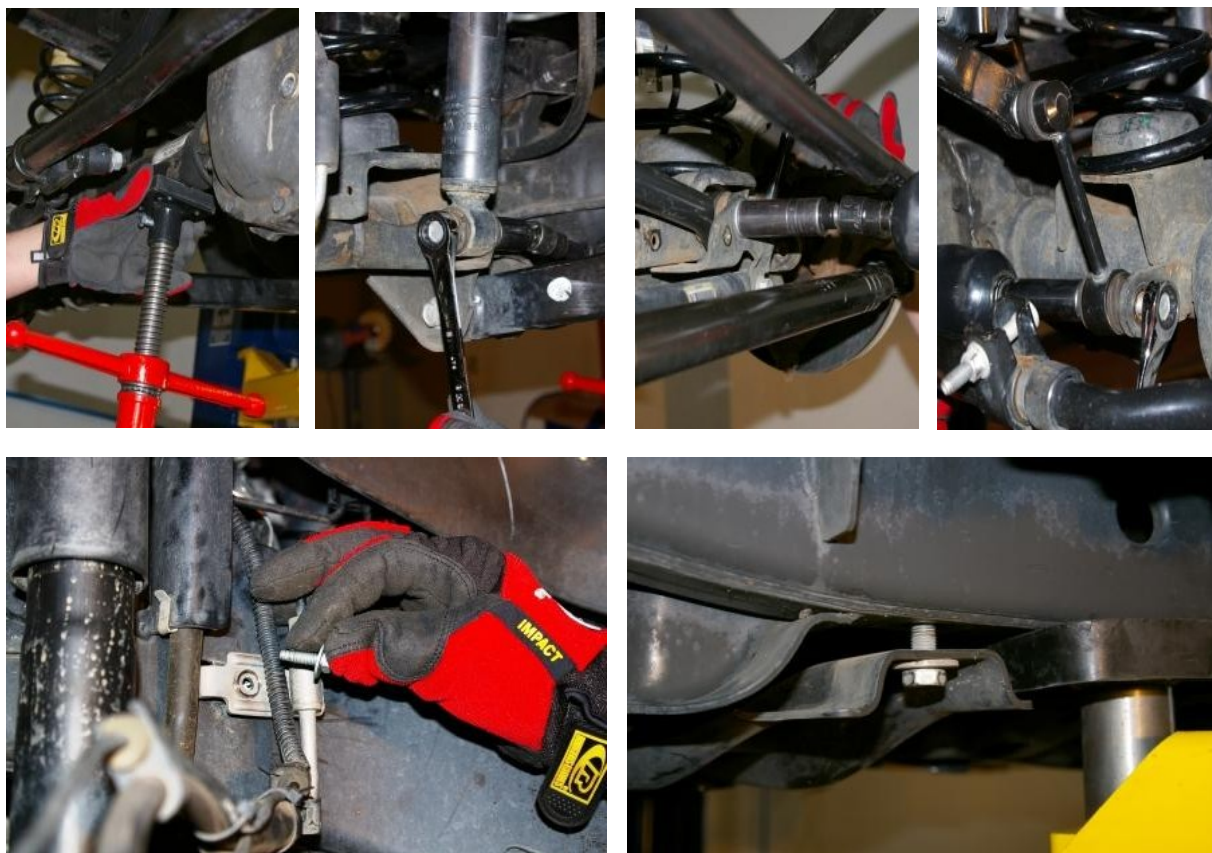


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12. Raise the front axle with the jack. Reinstall the lower shock bolt on both sides, the track bar, the lower sway bar end link bolt on both sides, the brake line support bracket bolts, and retighten the three transfer case skid plate bolts. Be sure to torque all bolts to factory specifications. Reinstall the front wheels and torque to factory specs.

Please note that the ReadyLift 3-in-1 Adjustable Jeep J/K Leveling kit is designed to level the front of a stock Jeep Wrangler J/K at the 1" or 1.5" setting. The 2" setting is meant to be used with the extra weight of an aftermarket bumper and/or winch. If using the 1.5" or 2" setting with the stock bumper and no winch, 2" longer shocks may be needed to retain the factory ride.

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Wheel Alignment; a Certified Alignment Technician that is experienced with lifted vehicles is recommended to perform the alignment.

*It is recommended that you have your vehicle's alignment checked whenever installing new tires.

*It is also recommended that you adjust your headlights whenever your vehicle's ride height is altered.



Vehicle Handling Warning

Vehicles with larger wheels and tires will handle differently than stock vehicles.

Take time to familiarize yourself with the handling of your vehicle.

DRIVE SAFELY and WEAR YOUR SEATBELT.

Installation Warning

Always wear proper safety equipment and use the correct tools when installing any suspension upgrade. Make sure vehicle is on a flat surface and you are using jack stands or a lift rated for the weight of the vehicle.

Warning! This ReadyLift® Leveling Kit is designed and engineered to level out a stock vehicle with no prior modifications. The use of this kit along with items such as rear lift blocks or spacers, add-a-leaves, airbags, suspension lifts, body lifts or any other type of lifting accessory shall be done at the vehicle owners risk and will void any and all warranties in effect or implied by ReadyLift®.

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