

READYLIFT®

SUSPENSION INC.

ReadyLIFT® (Part# 66-3011)

Leveling Kit Installation Instructions

2011-Up GM 2500HD/3500HD Truck 2WD/4WD

Please read instructions thoroughly and completely before beginning installation.

Check www.ReadyLIFT.com for any updated installation instruction.

Installation by a 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.

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Position truck on a flat surface and lift vehicle by the frame so that the front wheels are off the ground. Use a minimum 3 ton jack stands and place under frame for safety or a (2) two post lift if available. Make sure that the emergency brake is on and the rear wheels are blocked to prevent a rollout.

Bill of Materials

| Description | QTY | Tools Needed |
|-------------------------------|-----|--|
| ReadyLIFT Forged Torsion Keys | 2 | 3 Ton Floor Jack and Jack Stands |
| Front Upper Shock Extension | 4 | ReadyLIFT Unloading Tool Part# 66-7816A |
| M12-1.75 Flange Nuts | 4 | 1/2" Ratchet or 1/2" Impact Gun |
| | | Metric Socket Set up to 27MM |
| | | Pry Bar |
| | | Metric Combination Wrench Set Up to 21mm |



You will need ReadyLIFT part# 66-7816A to remove your factory keys and install the new ReadyLIFT keys.



Take your initial measurements.

DF _____ PF _____ DR _____ PR _____

Lift front of vehicle off ground and properly support frame.



Important first step, must be followed to prevent damaging torsion bar tool. Remove wheels/tires and peel back fender liner exposing upper shock mounting nuts. Loosen and remove mounting nuts.



Next, install torsion bar unloading tool over cross member as shown. Remove torsion bar adjusting bolt.

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Adjust loading tool **just enough to remove torsion key** adjusting block from cross member. Release tool and remove.



Then slide torsion bar forward in order to remove torsion key. Use caution while removing.



Install new 66-3011 forged torsion keys into position and slide torsion bar into hex as original.



Reinstall torsion bar loading tool and adjust new forged torsion key up **just enough to allow adjuster block to be reinstalled.**



Now, install torsion key adjuster bolt and slightly adjust for initial setting. Final adjustments will be done during alignment.



Back to the front shocks, pry down enough to allow provided spacers to be installed onto upper shock mounting studs.

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Picture shows spacers being installed onto upper studs.



Reposition shock back into frame and tighten to factory spec. using new mounting nuts provided

Once you have tightened all hardware and reinstalled and torqued the wheels/tires, it is now necessary to adjust the torsion bar keys to the desired height, (**not to exceed 2.25 in.**). When adjusting the torsion keys, make sure to take pressure off of the suspension in order to avoid damaging the adjusting bolts. The vehicle will also need to be aligned and final adjustments may be required in order to properly align. Align vehicle to factory specs and be sure to readjust the headlamps as well.

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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 suspension parts.



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.

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.

DRIVE SAFELY & WEAR YOUR SEATBELT.

Warning! This ReadyLift® 66-3011 Kit is designed and engineered to lift a stock vehicle with no prior modifications. The use of this kit along with items such as rear lift blocks or spacers, add-a-leafs, 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®.