

READYLIFT®

SUSPENSION INC.

ReadyLift® (Part# 66-1055)
2006-2008 Dodge Ram 1500 2wd
Installation Instructions

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.

2006-2008 Dodge Ram 1500 2WD 2.25" Leveling Kit



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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.

<u>Bill of Materials</u>		<u>Tools Needed</u>
<u>Description</u>	<u>QTY</u>	Metric Socket Set
Aluminum/Urethane Coil Spacer	2	Metric Combination Wrench Set
Front Shock Extension	2	Ratcheting Tie Down Strap
Droop Stop Limiter Bracket	2	3 Ton Hydraulic Floor Jack
Backing Plate	2	3 Ton or higher Jack Stands
Round Offset Urethane Bump Stop	2	Adjustable Crescent Wrench
5/16-18 Nyloc Nut	2	Hammer
5/16 Flat Washer	2	Pry bar
M12-1.75x100 Class 10.9	2	Rubber strap/Bailing wire
M12 Flat Washer	2	
M12 Nyloc Nut	2	

1. 

Remove the front wheels. Install one lug nut on each side to prevent the brake rotor from falling off during installation.

2. 

Remove the driver side brake caliper using a 19mm wrench.

3. 

Use wire or a rubber strap to hold the caliper up so as to not stretch or tear the brake line.

4. 

Using a 16mm wrench, remove the upper sway bar nut.

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5.



Remove the bushing and bushing plate. Set it aside with the nut.

6.



Remove the upper shock mounting nut using an 18mm socket. Set the nut, bushing, and plate aside.

7.



Remove the two lower shock mounting bolts with a 13mm socket. Set aside for later use.

8.



Remove the shock from the vehicle. Remove the upper bushing and plate off the shock stem.

9.



Remove the tie rod nut with a 21mm. Use the proper tool to break the taper.

10.



Loosen but do not remove the upper ball joint nut with a 21mm.

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11.



Use the proper tool to break the taper on the upper ball joint. Support the LCA with a jack. Use a pry bar to pull down on the UCA and remove the nut.

12.



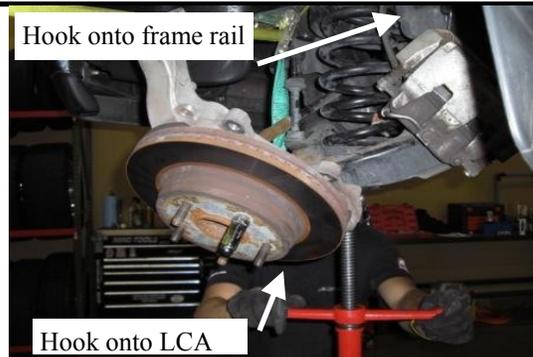
Slowly lower the jack until you can remove the coil spring safely.

13.



Remove the factory rubber isolator. Place the ReadyLift coil spacer on top.

14.



Load spring back into vehicle making sure that end of coil sits against the stop on the LCA. Use a ratcheting tie down strap to compress the suspension.

15.



Once suspension is compressed enough use a jack to support it and compress it a little more. Use a pry bar to align the ball joint into the knuckle. Install OEM nut.

16.



Tighten upper ball joint nut to OEM specifications.

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17.



Re-install the tie rod and tighten to OEM specifications.

18.



Install the ReadyLift shock stem extension. Be sure to use a light duty thread locker to prevent the extension from unthreading.

19.



Install the shock stem lower plate and bushing onto extension. Install shock into factory location.

20.



Install the upper bushing, plate, and nut. Tighten to factory specifications.

21.



Install the two lower shock mount bolts and tighten to factory specifications.

22.



Re-install the brake caliper using the factory hardware. Tighten to factory specifications. Use a thread locker if needed.

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23.



Install bump stop onto driver side bracket but do not fully tighten. Install driver side bracket onto driver side of truck using the M12-1.75x100mm bolt provided.

24.



On the backside of the frame rail, install backing plate, flat washer and nyloc nut. Tighten to 85lb-ft.

25.



Center bump stop under the recess of the upper control arm. Tighten down the bump stop nut with a 13mm socket

Repeat steps 1-25 on opposite side. Double check all hardware for tightness. Make sure ABS lines and brake lines are clear of any contact from wheels, tires, and suspension components, this includes during steering lock to lock.

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. *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.

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® 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, air-bags, 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®.