ReadyLift® (Part# 66-1020) Coil Spacer Kit, Installation Instructions
2006-2008 Dodge Ram 1500 4WD

Please read instructions thoroughly and completely before beginning installation.
Check www.readylift.com for any updated installation instructions.
Installation by a trained mechanic is recommended.

Step 1:

Prior to lifting the vehicle it is recommended that you measure the stock height so that you have a base line measurement. Measure from the bottom of the wheel to the lip of the fender, as in Insert A.

(A)

Position truck on a flat 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. (Insert B)

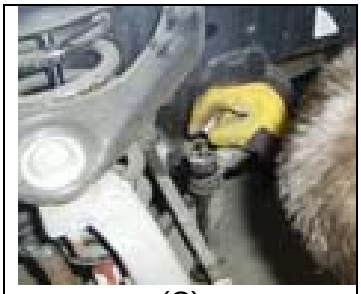

(B)

Step 2:

Remove the upper sway bar end link hardware (Insert C), the lower strut mount hardware (Insert D), the three (3) nuts on the upper strut mount.

Loosen and remove the upper ball joint nut. Separating the ball joint from the spindle may require the use of a hammer or gear puller if available. Once separated remove the strut from vehicle. (Insert E)

Also remove the brake caliper and secure it as to not overstretch the rubber brake line. (Insert F)


(C)


(D)


(E)


(F)

ReadyLift Suspension, Inc.
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Toll Free (888) 922-2294 Local (714) 862-2968 Fax (714) 862-2972
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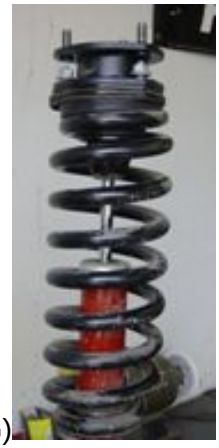
Step 3:

Install the ReadyLift® Strut Spacer onto the factory strut being sure to tighten the hardware to the factory torque settings. (Insert G)	(G) 

Step 4:

Reinstall the factory strut and the upper and lower strut hardware the with the ReadyLift® strut spacer in place. Note: The use of a pry bar on the lower a-arm may be necessary to gain adequate clearance for the strut and spacer. Re-install the brake caliper and sway bar hardware, being sure to tighten all hardware to the factory settings.

Step 5:

Repeat steps 1 through 3 on the drivers' side of the vehicle. Follow each step closely, making sure to double check the torque on all fasteners. Measure the distance between the tires and fenders to make sure both sides of vehicle are even.

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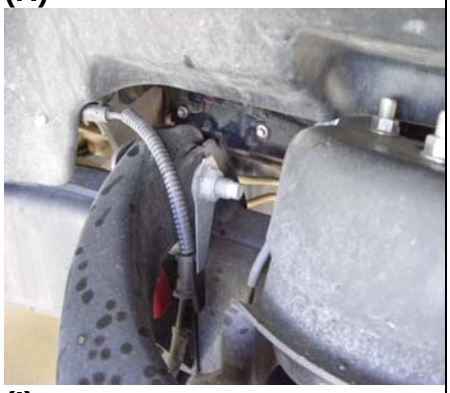
Step 6:

Mount custom bump stop onto bracket provided. Align the bump stop so that tall side is towards the front of the vehicle. Reroute the ABS line from under the upper control arm to over the control arm. (Insert H) **Be sure to secure it so that it can not get pinched or damaged when the suspensions cycles. (Insert I) With the wheels mounted and vehicle on the ground** mount bracket and backing plate in the factory hole beneath the Upper Control Arm using the hardware provided. Torque to 60 ft/lbs. Repeat on opposite side. Insert J &K

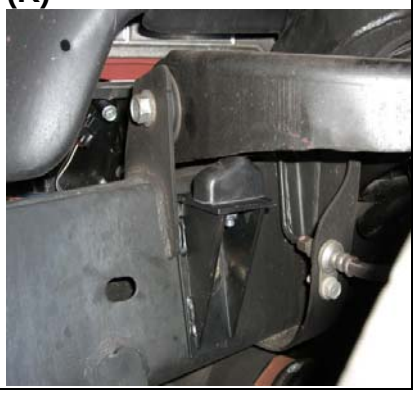
(H)



(J)

(I)

(K)



Step 7:

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.

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Disclaimer:

Due to a design issue with Dodge Ram front differential and suspension, some owners may experience a vibration in the front end when in 4WD HI mode.

The 4WD HI mode vibration is an issue that occurs when in 4x4 high mode. Dodge couldn't discover why their stock trucks would do this for some customers. The solution for Dodge was to state that there is no problem and that all of the new Rams will shudder or shake when in 4x4 high. This symptom appears isolated to 2006-2009 model trucks and when in 4-hi mode but can occur in earlier models.

It has become apparent that raising or lifting the front of the Dodge Ram pickup may amplify these existing OEM problems. In some cases the symptoms exist on non-modified stock vehicles.

It is ReadyLift Suspension's position that if you have installed a 66-1090 or 66-1020 kit onto your Dodge Ram truck and experience the symptoms mentioned, IMMEDIATELY HAVE THE LEVELING KIT REMOVED FROM THE VEHICLE!

Before ReadyLift®

After ReadyLift®

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 that 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-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®.

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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 aSuspension 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-INSTALATION 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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