



**SUSPENSION INC.**

## ReadyLift® (Part# 66-1030) 2009 Dodge Ram 4wd Leveling Kit Installation Instructions

Please read instructions thoroughly and completely before beginning installation.  
Check [www.Readylift.com](http://www.Readylift.com) for any installation instruction updates  
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 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-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.

### 1) Remove the front wheels.

Unbolt the 16mm upper sway bar end link nut and remove bushing and plate.

Unbolt the 21mm tie rod nut and separate the tie rod from the steering knuckle.

Remove the lower strut mounting nut only. Remove the three upper 15mm upper strut mounting nut.



### 2) Mark the position of the alignment cams on the lower control arm with a marker.

Unhook the ABS line from the brake line.



### 3) Remove the 24mm lower control arm nuts and bolts.

Use a pry bar to pull the lower control arm out of the frame pockets.

Remove the lower strut mounting bolt, then remove the strut.



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4 ) Install ReadyLift strut extension using the factory hardware.

Torques to factory specs.



5 ) Install strut back into the factory position.  
(The strut will install 180 degrees from the position that it was removed.)

Loosely attach the one of the upper strut mounting nuts. Insert lower strut mounting bolt.

Use a jack to raise the lower control arm back into the frame pockets. Align the upper end link back into the sway bar.



6 ) Reinstall the lower control arm bolts, cams, and nuts, but do not tighten.

Install the tie rod back onto the knuckle and torque to factory specs.

Install the upper sway bar end link bushing, plate, and nut. Torque to factory specs.

Tighten the three 14mm upper strut mounting nuts, and the 24mm lower strut mounting nut.  
Torque to factory specs.

Repeat steps 1-6 on opposite side. Reinstall the front wheels and set vehicle on the ground.  
At this time align the cams with your markings and tighten the lower control arm bolts to factory specs. Be sure to double check that all fasteners are torqued to factory specs.

**Camber Left 0.0 Right 0.2    Caster Left 3.0 Right 3.5    Toe Left 0.09 Right 0.09**

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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.



After ReadyLift® 66-1030 Raceline Wheels Renegade 5 20X9 +15 offset on 35x12.50R20 Dick Cepek Mud Country.

### **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!** 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®.