



**SUSPENSION INC.**

## Installation Instructions 66-1033, 66-1035, 66-1055

Please read Instructions thoroughly and completely before beginning installation.  
Installation by a certified mechanic is recommended.

ReadyLIFT® Suspension Inc. is **NOT** responsible for any damage or failure resulting from improper installation.

**Safety Warning:** [Suspension systems](#) or components that enhance the on and off-road performance of your vehicle may cause it to handle differently than it did from the factory. Extreme care must be used to prevent loss of control or vehicle rollover during abrupt maneuvers. Always operate your vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Failure to drive safely may result in serious injury or death to driver and passengers. Driver and passengers must ALWAYS wear your seat belts, avoid quick sharp turns and other sudden maneuvers. ReadyLIFT® Suspension Inc. does not recommend the combined use of suspension lifts, body lifts, or other lifting devices. You should never operate your vehicle under the influence of alcohol or drugs. Constant maintenance is required to keep your vehicle safe. Thoroughly inspect your vehicle before and after every off-road use.

**Installation Warning:** All steps and procedures described in these instructions were performed while the vehicle was properly supported on a two post vehicle lift with safety jacks. Use caution during all disassembly and assembly steps to insure suspension components are not over extended causing damage to any vehicle components and parts included in this kit. Included instructions are guidelines only for recommended procedures and are not meant to be definitive. Installer is responsible to insure a safe and controllable vehicle after performing modifications.

ReadyLIFT® Suspension Inc. recommends the use of an OE Service Manual for model/year of vehicle when disassembly and assembly of factory and related components. Unless otherwise specified, tighten all bolts and fasteners to standard torque specifications listed within the OE Service Manual, or as referenced in the torque specification list provided in these instructions.

Suspension components that use rubber or urethane bushings should be tightened with the vehicle at normal ride height. This will prevent premature wear or failure of the bushing and maintain ride comfort. Larger tire and wheel combinations may increase leverage on suspension, steering, and related components. 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 ride height. Always measure the vehicle ride height prior to beginning installation.

### Vehicle ride height chart

**Driver Front:**  
Stock | Lifted

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**Driver Rear:**  
Stock | Lifted

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**Pass. Front:**  
Stock | Lifted

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**Pass. Rear:**  
Stock | Lifted

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Bolt Size Millimeters	Torque Specs in FT/LB	
	Metric Grade 8.8	Metric Grade 10.9
6mm	6	8
8mm	16	22
10mm	40	45
12mm	54	70
14mm	89	117
16mm	132	175
18mm	182	236

Bolt Size SAE	Torque Specs in FT/LB	
	Grade 5	Grade 8
5/16	15	20
3/8	30	35
7/16	45	60
1/2	65	90
9/16	95	130
5/8	135	175
3/4	185	280

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## Bill of Materials

Description	Qty
Aluminum Spacer w/ Urethane	2
Front Upper Shock Extension	2
Droop Stop Bracket - Driver	1
Droop Stop Bracket - Pass	1
Bracket Backing Plate	2
Bump stop	2
5/16-18 Nyloc Nut	2
5/16 Flat Washer	2
M12 - 1.75 100mm	2
M12 Flat Washer	2
M12 Nyloc Nut	2

The Bill of Materials represents the component contents of this kit. All hardware is of the highest grade and the components are manufactured to exacting specifications for a trouble free installation. Use the attached torque specifications chart when final tightening of the nut and bolts are done.



1. Place vehicle on level ground, properly lift and support.



2. Remove front wheels and tires.



3. Place a lug nut back onto any wheel stud as shown.



4. Remove brake calipers.

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5. Disconnect ABS line at or behind fender liner.



6. Disconnect upper shock mount and bushing.



7. Disconnect lower shock mounting bolts.



8. Disconnect upper sway bar end links and bushings.



9. Disconnect tie rod end nut and break loose with hammer.



10. Loosen upper ball joint nut and break loose with hammer.

Break loose tie rod/upper ball joint  
No photo

11. While supporting suspension, remove upper ball joint nut.



12. Slowly lower suspension and remove coil spring.

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13. Remove upper isolator and replace with new spacer.



14. Reinstall spring and properly clock in lower control arm.



15. Lift suspension enough to engage upper ball joint.



16. Reconnect brake calipers, sway bar links, and tie rods.



17. Install and tighten new upper shock extension.



18. Reuse OE bushings and hardware top and bottom.



19. Attach new bump stop and bracket to frame as pictured.



20. Pass/Dr side brackets are specific. Tighten once aligned.

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21. Picture shows inner frame bracket & hardware installed.



22. Reconnect ABS lines.

Torque all hardware to factory spec and recheck to ensure there is proper clearance and slack for ABS lines to travel through entire suspension range. Reinstall and torque wheels and tires, test drive and have vehicle aligned.

23.

### Final Checks & Adjustments

**Post Installation Warnings:** Once the vehicle is lowered to the ground, check all parts which have rubber or urethane components to insure proper torque. Torque wheels to factory specs. Move vehicle backwards and forwards a short distance to allow suspension components to adjust. Turn the front wheels completely left then right and verify adequate tire, wheel, brake line, and ABS wire clearance. Test and inspect steering, brake and suspension components for tightness and proper operation. Inspect brakes hoses and ABS lines for adequate slack at full extension. Failure to perform the post inspection checks may result in vehicle component damage and/or personal injury or death to driver and/or passengers. Test drive vehicle and re-check the torque of all fasteners and re-torque wheels on vehicle. Re-adjust headlamps.

**Vehicle Handling Warning:** Vehicles with larger tires and wheels will handle differently than stock vehicles. Take time to familiarize yourself with the handling of your vehicle.

### Wheel Alignment/Headlamp Adjustment:

**It is necessary to have a proper and professional wheel alignment performed by a certified alignment technician. Align the vehicle to factory specifications. It is recommended that your vehicle alignment be checked after any off-road driving. In addition to your vehicle alignment, for your safety and others, it is necessary to check and adjust your vehicle headlamps for proper aim and alignment**

### Vehicle Re-Torque and Safety Inspection:

Upon completion of all services and adjustments performed on your vehicle, and within 50 miles of driving, check to ensure all fasteners and hardware are properly torqued to specification as noted in the vehicles factory service manual or the torque chart included.