



## Installation Instructions 44-6500

**IF YOUR ReadyLIFT® SUSPENSION PRODUCT IS MISSING A PART OR HAS A DAMAGED PART, PLEASE CONTACT CUSTOMER SERVICE DIRECTLY.**

**A NEW REPLACEMENT PART WILL BE SENT TO YOU IMMEDIATELY**

**(877)759-9991**

**MON-FRI 7AM-5PM PST**

**OR**

**EMAIL: [INFO@ReadyLIFT.COM](mailto:INFO@ReadyLIFT.COM)**

**WEBSITE: [www.ReadyLIFT.COM](http://www.ReadyLIFT.COM)**

**\*\*Please retain this document in your vehicle at all times\*\***

### **Limited Warranty details for ReadyLIFT® Suspension control arms and steering kits**

The ReadyLIFT® Suspension Limited Lifetime Warranty covers defective materials or defective work-manship for the life of the product to the original purchaser and only on the original vehicle which the product was installed. The ReadyLIFT® Suspension Limited Lifetime Warranty excludes the following wearable items: bushings, bushing sleeves, bump stops, top-out stops, spherical bearings (uniballs), heim joints (rod ends), and misalignment spacers (upper control arm and steering). These items are considered wear items and are covered for 90 days from the original purchase date, therefore these items will not be considered defective because of wear. Wear is subject to use of product, use of vehicle, driving conditions, weather conditions, cleanliness of product/components, and maintenance/up-keep. The degree of wear and overall lifetime of each wear item is subject to afore mentioned conditions and circumstances. ReadyLIFT® Suspension will only warranty wear items in the case of workmanship and defects for the period of 90 days following the date of purchase. Please note that all products should be inspected by a professional technician before installing any part/kit onto the vehicle. In addition, all products should be installed by a qualified technician. Please contact ReadyLIFT® Suspension if there is any question as to the quality of workmanship of each component or its installation procedure. Contact ReadyLIFT® Suspension directly about any potentially defective parts prior to re-moving any parts from the vehicle. If it appears that the part is warrantable, you will be given an RGA number and asked to return the part freight prepaid. If the part is found to be warrantable, at the sole discretion of ReadyLIFT® Suspension, it will be repaired or replaced and returned to you. **The limited warranty ex-pressed by ReadyLIFT® Suspension supersedes that of any claims made by authorized and unauthor-ized dealers of ReadyLIFT® Suspension products.**

***[www.ReadyLIFT.com](http://www.ReadyLIFT.com) -Phone: (877)759-9991***



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

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

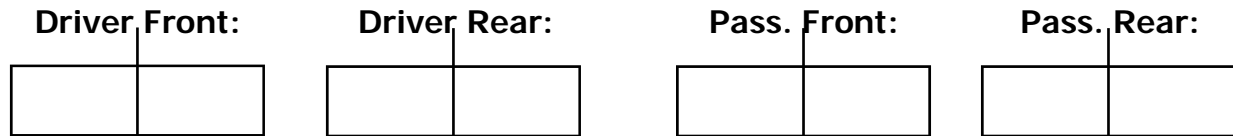
**Safety Warning:** Suspension systems or components that enhance the on and off-road performance of your vehicle may cause it to handle differently than it did from the factory. Extreme care must be used to prevent loss of control or vehicle roll-over during abrupt maneuvers. Always operate your vehicle 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 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. It is the responsibility of the retailer and/or the installer to review all state and local laws, with the end user of this product, related to bumper height laws and the lifting of their vehicle before the purchase and installation of any ReadyLIFT® products. It is the responsibility of the driver/s to check their surrounding area for obstructions, people, and animals before moving the vehicle. All raised vehicles have increased blind spots and damage, injury and/or death can occur if these instructions are not followed.

**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® Off Road Suspension 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



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



## Installation Instructions 44-6500 *Bill of Materials*

DESCRIPTION	QTY
Short Arm Lower Front (L&R) w/Badges	2
Short Arm Upper Front	2
Short Arm Lower Rear (L&R) w/Badges	2
Short Arm Upper Rear (L&R)	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.



Put the vehicle on level ground. **Note: This kit REQUIRES adjustable front and rear track bars. We recommend RL part numbers: 77-6000 and 77-6001 or 77-6002 and 77-6003.**

1.



2. Lift the vehicle and remove the tires. **Support the axles.**



3. With the vehicle properly supported locate the front track bar.



4. Remove the track bar from the frame.

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5. Next, unbolt the track bar from the axle and remove from vehicle.



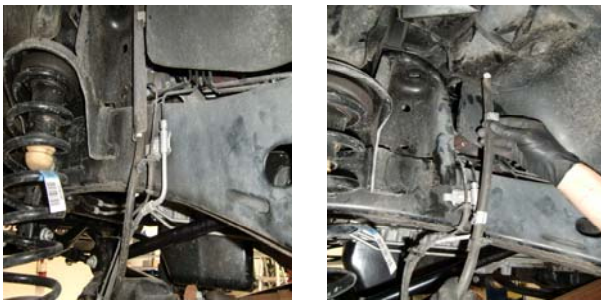
6. Unbolt and remove the sway bar end links from vehicle.



7. Unbolt and dislodge the brake line brackets from the axle.



8. Remove the stock shocks off of the vehicle. (Front & Rear)



9. Unhook the differential vent line from the frame.



10. Unbolt the tie-rod from the spindle.



11. Mark drive shaft for re alignment during reassembly. Unbolt the drive shaft from the front differential.



12. Lower the axle and remove the coil springs.

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13. Unbolt drivers side front upper arm at the axle.



14. Unbolt drivers side front upper arm from the frame.



Install the new arm into frame and onto axle, then tighten down. You may need to un-bolt the passenger side to fit the Driver side arm due to length differences from stock arm to ReadyLIFT® arm.

15.



16. On passengers side, unbolt the header from the exhaust.  
Use some type of thread lubricant to help free rusted exhaust.



Unbolt the passenger side upper arm and install the new arm. You may need to flex the exhaust to remove the upper arm bolt. Tighten the upper arms on both sides. Then reinstall the bolts for the exhaust.

17.



18. Unbolt and remove the both L & R lower arms from the vehicle.  
Support the differential to prevent axle roll.



Install the new front lower arm on both sides of vehicle and tighten. The adjustable end should be mounted at the axle and the bend should point to the center of the vehicle also badges should be legible.

19.



20. Center, mark and drill 7/16 hole.

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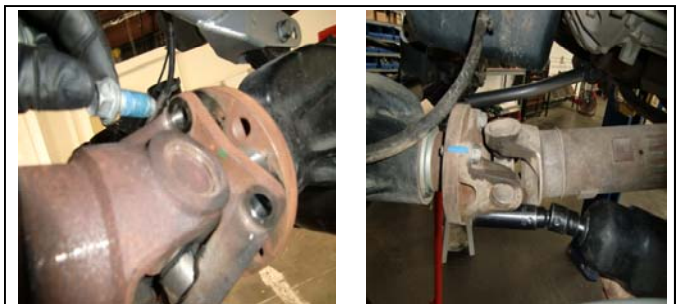
21. Slip bump pad extension in the coil spring and install as complete assembly. Then tighten the bump extension bolt down using the hardware provided.



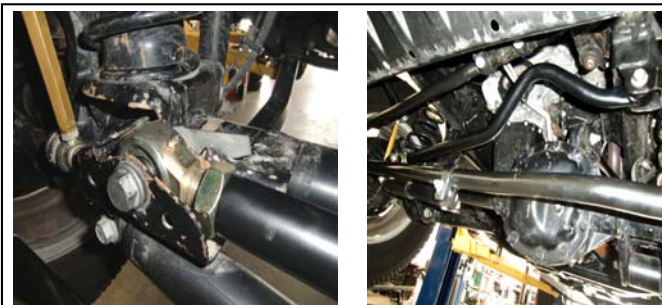
22. Install new extended length shocks.  
**(Max Length Shock is 28 inch's)**



23. Install new 11" sway bar end links with provide hardware.  
Note: Head of bolt must face to the inside of vehicle.



24. Re-install the front drive shaft to the differential using Lock-tight. **Re-align marks to insure proper drive shaft alignment.**



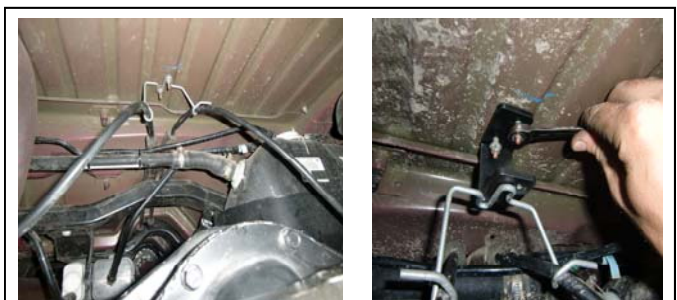
25. **Install new adjustable track bar and torque down. Also re-install the tie-rod end and torque down.**



26. Unbolt the brake line and remove from vehicle. Remove old bracket and install the new Bracket. Bolt the bracket to the frame first, then install the line through bracket. Finish with the push on clip to hold brake line.



27. Brake lines are different for a pass. side & driver side, not universal. The bend goes toward the wheel. Route ABS wire properly. **You must bleed brakes before the vehicle is driven.**



28. Unbolt rear brake line bracket from bottom of the cab. Bolt the stock bracket to the drop bracket with supplied hardware.

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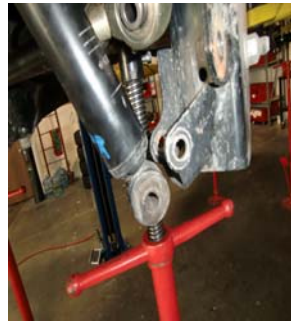
29. Unbolt and remove the rear track bar. Support the rear axle.



30. Unbolt the rear sway bar end links and remove.



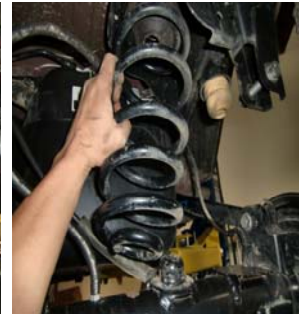
31. Unbolt and remove rear brake caliper. Hang caliper out of the way.



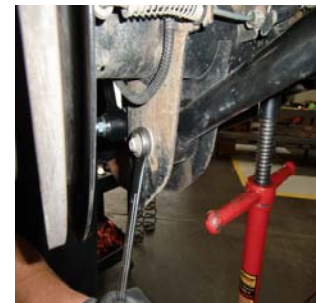
32. Remove the rear shocks.



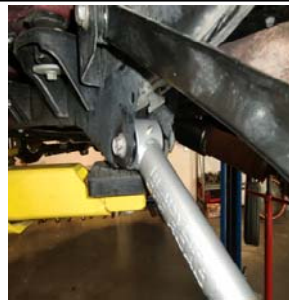
33. Remove ABS line clips from holes in rear axle. Put the back clip into the front hole.



34. Lower the rear axle and remove the springs.



35. Unbolt the rear lower arms and remove.



36. Install new lower arms and tighten down. The adjustable end should be installed on axle side.

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37. Unbolt both rear upper arms and remove from vehicle.



38. Install the new rear upper arms. Adjustable ends should be installed on frame side and the zerk fittings up on axle side.



39. Install new bump with supplied hardware. Bump stop pad should be leaning towards front of vehicle.



40. Install new coil with factory rubber boot on top



47. Make sure to tighten all jam nuts on the upper and lower arms on the front and the rear of the vehicle. Including tracking bars.



48. Re-check that all parts were installed properly and tightened. Put the tires on and lower the vehicle to the ground. Loosen and retighten the front upper arms to allow upper arm to settle into ride position..



4 The install is complete and the **VEHICLE MUST BE ALIGNED** and brakes





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### 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 brake 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.