

A Division of ReadyLIFT Suspension Inc.

**IF YOUR ReadyLIFT Off Road 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**

**(800)549-4620**

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

or

**EMAIL: INFO@ReadyLIFT.COM**

**WEBSITE: ReadyLIFT.COM**

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

### **ReadyLIFT Off Road Suspension Limited Warranty**

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

The ReadyLIFT Off Road Suspension Limited Lifetime Warranty covers defective materials or defective workmanship for the life of the product to the original purchaser and only on the original vehicle which the product was installed. The ReadyLIFT Off Road 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 Off Road 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 Off Road Suspension if there is any question as to the quality of workmanship of each component or its installation procedure. Contact ReadyLIFT Off Road Suspension directly about any potentially defective parts prior to removing 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 Off Road Suspension, it will be repaired or replaced and returned to you. **The limited warranty expressed by ReadyLIFT Off Road Suspension supersedes that of any claims made by authorized and unauthorized dealers of ReadyLIFT Off Road Suspension products.**

**[www.ReadyLIFT.com](http://www.ReadyLIFT.com)**

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

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

**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 Off Road 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 Off Road 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 height**

**Lift installed**

**Driver Rear:  
Stock height**

**Lift installed**

**Pass. Front:  
Stock height**

**Lift installed**

**Pass. Rear:  
Stock height**

**Lift installed**

<b>Bolt Size Millimeters</b>	<b>Torque Specs in FT/LB</b>		<b>Bolt Size SAE</b>	<b>Torque Specs in FT/LB</b>	
	<b>Metric Grade 8.8</b>	<b>Metric Grade 10.9</b>		<b>Grade 5</b>	<b>Grade 8</b>
<b>6mm</b>	<b>6</b>	<b>8</b>	<b>5/16</b>	<b>n/a</b>	<b>20</b>
<b>8mm</b>	<b>16</b>	<b>22</b>	<b>3/8</b>	<b>n/a</b>	<b>35</b>
<b>10mm</b>	<b>40</b>	<b>45</b>	<b>7/16</b>	<b>n/a</b>	<b>60</b>
<b>12mm</b>	<b>54</b>	<b>70</b>	<b>1/2</b>	<b>n/a</b>	<b>90</b>
<b>14mm</b>	<b>89</b>	<b>117</b>	<b>9/16</b>	<b>n/a</b>	<b>130</b>
<b>16mm</b>	<b>132</b>	<b>175</b>	<b>5/8</b>	<b>n/a</b>	<b>175</b>
<b>18mm</b>	<b>182</b>	<b>236</b>	<b>3/4</b>	<b>n/a</b>	<b>280</b>

## Installation Instructions (OFF-Road Series 44-XXXX UCA kits)



Securely lift front of vehicle and support frame



Remove wheels/tires



Support lower control arm with floor jack



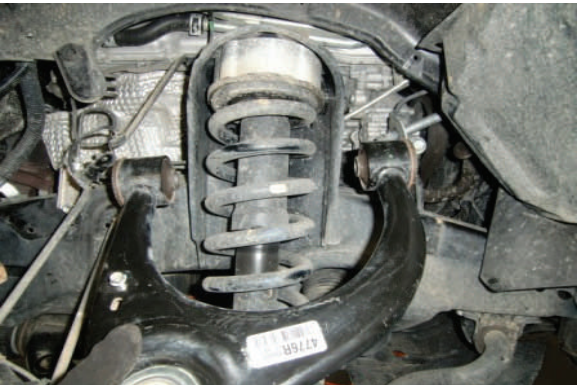
Disconnect any ABS wiring attached to UCAs



Disconnect upper ball joint and separate from UCA



At the frame loosen & remove UCA pivot mounting hardware



Remove UCA from frame



Assemble your new OFF-Road Series UCA with hardware kit



# Installation Instructions (OFF-Road Series 44-XXXX UCA kits)



Install Urethane bushings into UCA, **DO NOT use lube here.**



Apply lube to inside of pivot sleeve and insert pivot tube



Install zerk fittings



Insert machined tapered pin into spindle and tighten to spec



Install new UCA into frame and attach with OE hardware



Place **upper (sm)/lower (lg)** misalignment spacers into uniball



Slide UCA w/ misalign spacers onto tapered pin in spindle



Raise suspension, if necessary, to attach UCA hardware

## Installation Instructions (OFF-Road Series 44-XXXX UCA kits)



Reattach ABS wiring removed previously onto UCA



Reinstall wheels/tires and lower vehicle to ground



Example photo 2 (Dodge Ram 1500 UCA)

### Notes and Maintenance:

Check for misalignment spacer bind. If the uni-ball cup tapered edges make contact with misalign spacers, limit straps **MUST** be installed.

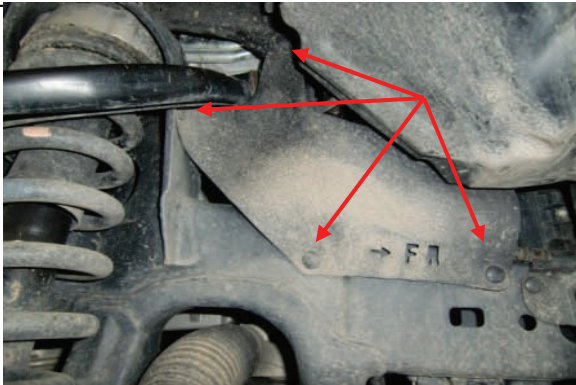
**DO NOT LUBE UNI-BALLS**, keep clean and dry. A light layer of WD-40 is acceptable in wet weather conditions.

**GM 1500, 07-up:** Spacer provided to mount ABS wiring bracket.

**Toyota Tundra, 07-up:** Machined washers provided to use between inner bushings sleeves and frame where OE bolt attaches.

**Toyota Tacoma 6 lug, 05-up:** Machined washers provided to use between inner bushings sleeves and frame where OE bolt attaches.

**TOYOTA Tundra/Tacoma:** Special attention is required when removing and installing the UCA hardware on these model vehicles on both pass/dr sides. It will help to remove the rubber splash guards from the fender well and frame. Take care to carefully remove the UCA mounting bolts and move hoses and wiring to prevent damage. It may be necessary to remove the battery and bend the inner body work in order to remove mounting bolts. **PLEASE CALL** for any additional help or questions.



Photos shows inner fender splash guard, remove clips



Photo shows UCA mounting bolt and battery proximity



## **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.

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## **ReadyLIFT Off Road Suspension**

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