

# READYLIFT®

SUSPENSION INC.

## ReadyLift® (Part# 69-2085) 1999-2004 Ford F-250 4WD Lift Kit Installation Instructions

**Please read instructions thoroughly and completely before beginning installation.  
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 Suspension 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.

### Bill of Materials

<u>Description</u>	<u>QTY</u>
<b>FRONT SUSPENSION</b>	
Mini Leaf Pack	2
9/16-18x3x10 Semi Round U-bolts	2
9/16-18x3x11 Semi Round U-bolts	2
9/16-18 Barrel Nuts	8
9/16 Flat Washers	8
<b>TRACK BAR CAM KIT for vehicles produced 4/01/99 and later.</b>	
Offset Cam Tube	2
.460" Thick Hex Cam	1
.390" Thick Hex Cam	1
.230" Thick Hex Cam	2
9/16-18x3.5" F911 Hex Head Bolt	1
9/16-18x4" F911 Hex Head Bolt	1
9/16 Hardened Flat Washers	4
9/16-18 F911 Stover Nut	2

1.



Support the front axle with a hydraulic jack. Starting on the driver side, unbolt the lower shock from the mount using a 21mm socket wrench.

2.



Remove the u-bolt nuts and u-bolts.

Revised

6/3/2010

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3.



Rotate the axle mounting plate down out of the way.

4.



Remove the track bar using a 30mm socket or wrench at both the frame and axle.

5.



Use of a pry bar may be needed to remove. Set the bar aside.

6.



Lower the axle to make room for the mini leaf pack.

7.



Use a C-Clamp to hold the leaf pack together. Remove the leaf spring center pin.

8.



Install the ReadyLift mini leaf pack under the factory leaf pack using the new center pin bolt and nut provided. Tighten to 45 ft-lb.

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9.



Install the upper mounting plate. Increasing the hole on the upper plate may be necessary in some cases. Install the u-bolts provided.

10.



Rotate the axle pad up and install the u-bolt nuts and washers provided. Tighten to 125 ft-lb.

11.



Install the lower shock and bolts.

12.



Tighten to 60 ft-lb. Repeat steps 1-12 on passenger side.

13.



Clean the inside of the track bar tube on both ends with a file of sandpaper.

14.



Press the offset drilled sleeves into the the track bar holes. DO NOT HAMMER!

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15.



Rotate the sleeves so that the holes as far away from each other as possible.

16.



Install the .230 offset hex cams into the track bar bracket on the axle. Install the 9/16-18x3.5" bolt washers and nut. DO NOT TIGHTEN.

17.



Install the .460 hex cam on the front side of the track bar bracket and the .390 hex cam on the back side. Install the 9/16-18x4" bolt, washers and nut.

18.



Tighten the track bar mounting bolts to 105 ft-lb.

Using a jack and block of wood, carefully raise the truck by the leaf spring until OEM block is loose and there is enough room for new block. Install the ReadyLift® 4" rear block.

**Please make note that the arrow on the top of the block points to the front of the truck.**

19. Lower the jack and make sure that the leaf spring center pins goes into the hole on the top of the block and the center pin on the block go into the axle pad. Install ReadyLift® u-bolts and the nuts provided in the kit. Tighten to 148ft-lbs. **CHECK ALL HARDWARE FOR TIGHTNESS AFTER FIRST 100 MILES AND AFTER OFF ROAD USE. HEADLIGHTS SHOULD BE ADJUSTED.**





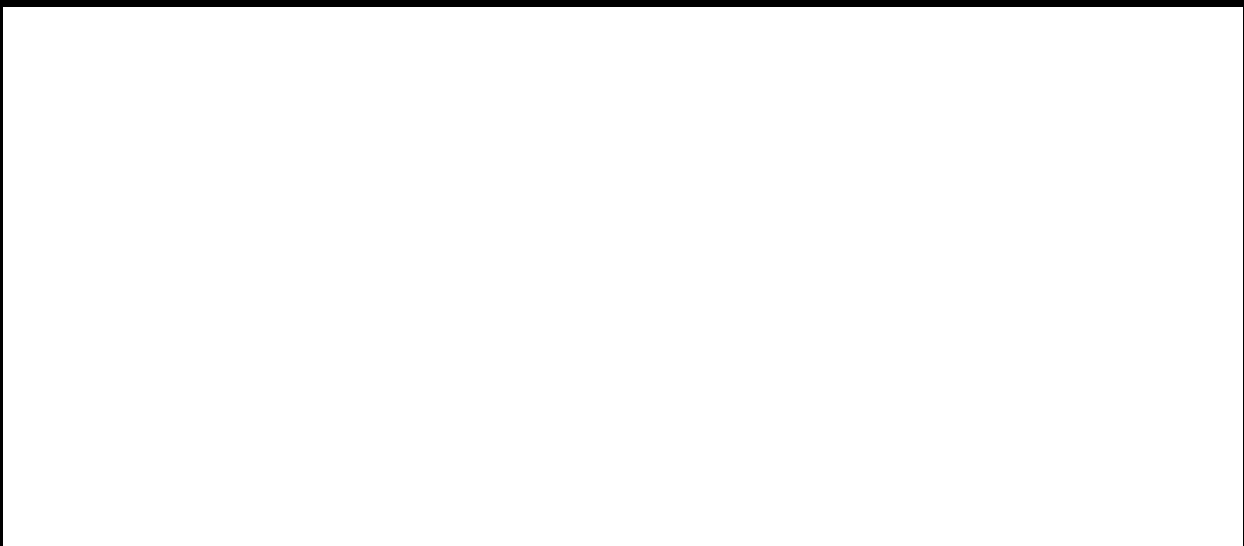
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Wheel Alignment; a Certified Alignment Technician that is experienced with lifted vehicles is recommended to perform the alignment.

\*It is recommended that you have your vehicle's alignment checked whenever installing suspension parts.



**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.

**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.

**DRIVE SAFELY & WEAR YOUR SEATBELT.**

**Warning!** This ReadyLift® Kit is designed and engineered to lift 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®.