



SUSPENSION INC.

**ReadyLift® (Part# 66-2059) 2004-2009 Ford F150 2WD & 4WD
2" Leveling kit Installation Instructions
66-2053 3" Ford F150 Rear block kit also available.**

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

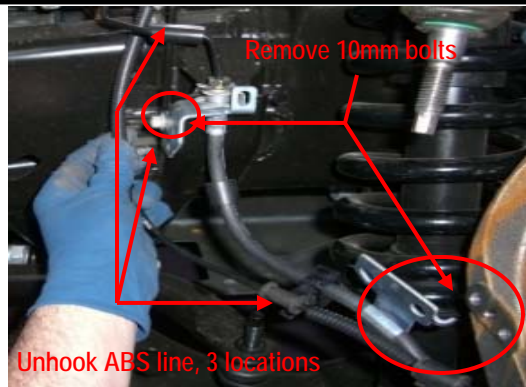
1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake 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) First remove the driver side front wheel. Unbolt the two 10mm brake line bracket retaining bolts. Unhook the ABS line from the brake line support, brake line bracket and coil tower (not in picture).



2) Remove the 21mm tie rod nut. Separate the tie rod from the steering knuckle.

Unbolt the upper sway bar end link.



3) Loosen but do not remove the upper ball joint nut. Break the upper ball joint loose from the steering knuckle. **DO NOT REMOVE THE UPPER BALL JOINT NUT.**



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4) Remove the lower strut mounting nut and bolt.



5) Remove the two lower control arm mounting bolts. Use a jack to support the lower control arm and take pressure off the bolts during removal. Below: Remove the three upper strut mounting nuts. Push the lower control arm down a little and remove the strut. Place the bottom of the strut in a vice. Install the ReadyLift strut extension using the factory hardware.



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6) Rotate the strut 180 degrees and reinstall onto truck. Be sure to leave the upper strut mounting nuts loose so that the strut can still be maneuvered when installing the lower mount.



7) Install the lower strut mounting bolt, do not tighten.

Use a jack to raise the lower control arm back into the frame pocket.



8) Make sure the upper sway bar end link gets reinstalled at this time. Torque to factory specs.



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9) Install the two lower control arm bolts but do not tighten.



10) Tighten the upper ball joint. Torque to factory specs. Tighten the three upper strut mounting nuts, reinstall the tie rod end, and tighten the lower strut mounting nut. Install the two 10mm brakeline support bolts. Install ABS line back into the brake line support.
Repeat steps 1-9 on opposite side.
After kit is installed reinstall the front wheels and set vehicle on the ground.



11) With the vehicle on the ground tighten the lower control arm bolts. Double check all hardware and torque to factory specs.



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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.

*It is also recommended that you adjust your headlights whenever your vehicle's ride height is altered.



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® 66-2059 Leveling 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-leaves, 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®.