



ReadyLift® (Part# 66-2111)
Ford F250 4WD 1.5" Leveling Kit

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 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 so as to not blind other drivers..**
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>
1.5" Tall CNC Aluminum Axle Mount Coil Spacer -	2
Front_M14-2.0 90mm long Class 10.9 Hex head Bolt	2
M14 Flat Washer	2

* Two, minimum 3 ton, jacks are recommended to make installation safe and easier.



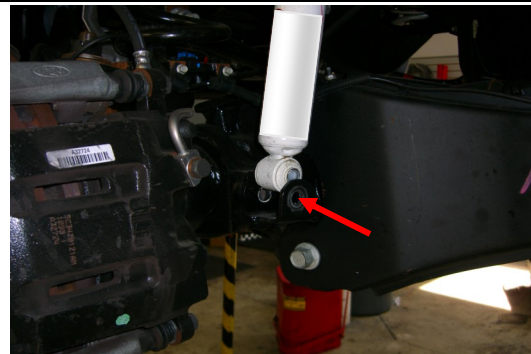
With the vehicle on the ground, remove the upper track bar bolt and lower bar.



Next, remove the front sway bar mounts from the frame or at the end links, (not shown), and lower. Then lift vehicle off ground and support on frame with jack stands.



Remove the upper brake line support bracket bolt.



Remove the lower shock mounting bolt.

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Remove the lower vacuum and brake line support bracket bolt .



Carefully lower the front axle enough to remove the coil spring.



Remove the bolt that sits inside the lower spring perch. .



Prepare supplied M14 x 90mm bolt with thread lock compound and place 66-2111 billet spacer between lower spring perch and steering knuckle.



Install the supplied M14 x 90mm bolt and washer through the OEM spring perch and 1.5" spacer. Tighten to 136lb-ft.



Carefully remove the zip tie clip from the lower brake line bracket.

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Disconnect the vacuum line at the bracket



Please notice the orientation of the tab that the vacuum line goes through.



Using an adjustable wrench, carefully bend the tab in the opposite direction.



Reconnect the vacuum line and zip tie clip. Reinstall bracket onto lower spring perch and check clearances.

Repeat these step on opposite side of vehicle. Install the factory coil and rubber isolator. Make sure that the bottom of the coil is properly seated in the spring perch, (proper spring clocking). Raise the axle so that you can reinstall lower shock bolt. Install the upper and lower brake line support bracket bolts. Reinstall the front sway bar at the frame rail. Install wheels/tires and lower vehicle onto ground. Raise track bar into track bar bracket, install factory nut and bolt. Tighten to **406 lb-ft** of torque. Tighten all hardware to factory torque 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.

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®.