

ReadyLift® (Part# 69-5055) Strut Extension, Installation Instructions 2005-2010 Toyota Tacoma Pre-Runner/ 4WD

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.
5. **An alignment is required after installation for both safety and to prevent premature tire wear.**

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Please read instructions thoroughly and completely before beginning installation.
Check www.readylift.com for any updated installation instructions.
Installation by a trained mechanic is recommended.

Front Strut Extension Installation

Prior to lifting the vehicle, that you measure the stock height of the vehicle so that you have a base line to check after the kit has been installed. Measuring the vehicle from the bottom of the wheel to the lip of the fender is recommended.



Position truck on a flat surface and lift vehicle by the frame so that the front wheels are off the ground. Use a floor jack and jack stands or a (2) two post lift if available and remove both front wheels.



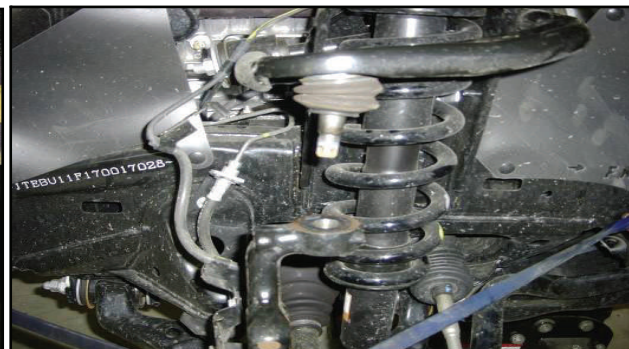
1. Starting from the passenger side, remove the sway bar end link nuts on both sides of truck.



2. Remove bolts holding the front of the sway bar.



3. Remove ABS bracket bolts on the knuckle and upper a-arm.



4. Remove the cotter pin and loosen but **Do Not Remove** the upper ball joint nut. Use of a hammer

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5. Remove the three upper strut mounting bolts. Remove the lower strut mounting bolt.

It is recommended that you complete one side of the installation before starting the second side.



6. Remove the strut from the vehicle and mount it in a bench vise. Install the ReadyLift® kit, and torque fasteners to OEM specifications.

Note the shape of the ReadyLift® spacer; the strut will be rotated 180 degrees when reinstalled.



7. Reinstall the strut assembly in its stock location, and re-install upper ball joint.

*It may be necessary to push the lower a-arm **down** to aid in the re-installation of the strut assembly, and a floor jack to raise the lower a-arm **up** in order to get the upper ball joint bolt installed.

Re-attach ABS line brackets.



8. Repeat steps 1 through 3 on the Driver's Side of the vehicle. Then re-install the sway bar nuts and bolts on both sides after the upper ball joints have been re-attached. Follow each step closely, making sure to double-check the torque on all fasteners.

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Differential Drop Installation



9. Position a floor jack under the front differential. Raise the pad so that it is touching the diff.



10. Remove the factory 19mm differential mounting nuts and bolts. The OEM washers will be reused.



11. Install the 1" spacers between the differential supports and the front cross-member. Install the new bolts with factory washers and the new nuts and washers. Torque to factory specs.



12. Re-install the skid-plate, use two OEM bolts for the front and the supplied and torque the bolts to factory specs. Re-install the wheels and torque to factory specs.

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REAR-BLOCK INSTRUCTIONS

13. DO NO STACK BLOCKS AS IT IS DANGEROUS TO YOU AND OTHERS, AND IS ILLEGAL IN MOST STATES.

Rear Block Installation

Remove the four 19mm nuts and two u-bolts from one side of the vehicle.



14. Using a jack and a block of wood, carefully raise the truck by the leaf spring until there is enough room for the new block. Install the ReadyLift® 1" rear block.

Lower the jack and make sure that the leaf spring center pin goes into the hole on top of the block.

Install ReadyLift® u-bolts using the hardware provided. Torque to 120 ft/lbs. Repeat on opposite side.



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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 new tires.

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

*Steering and Yaw sensors in the new Tacoma are very sensitive, so after any suspension change the alignment has to be brought back into factory specs. A "Zero point Calibration" is done after the alignment to re-set the on-board computer. If these are not done, the truck may trigger traction control under heavy throttle or load causing the engine to lose some power or the brakes applied. The typical cost to have a Toyota dealer do these two critical adjustments is around \$125.



Before ReadyLift®



After ReadyLift®

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.

DRIVE SAFELY and WEAR YOUR SEATBELT.

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.

Warning! This ReadyLift® Leveling Kit is designed and engineered to level out 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®.

ReadyLift Suspension Inc.

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