



## Installation Instructions #015 Daystar 2.5" Toyota Front Lift Kit

	<b>NOTICE</b> Read instructions completely before installing this product. Refer back to the instructions frequently during installation.		<b>CAUTION</b> Flying Object Hazard. Fluid Splash Hazard. Wear safety glasses at all times when working on vehicle.
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### Caution

1. Read all instructions completely and carefully before you begin. If anything is not clear, please call our tech support line at (541) 474-2879 or e-mail [support@wheelersoffroad.com](mailto:support@wheelersoffroad.com) before proceeding.
2. Check to make sure the kit is complete and that no parts are missing. If anything is missing, please contact Wheeler's at (541) 474-2879 or e-mail [support@wheelersoffroad.com](mailto:support@wheelersoffroad.com).
3. Park vehicle on a clean, dry, flat, level surface and block the tires so the vehicle cannot roll in either direction.
4. This product is for off-road use only. It is recommended that the installation steps below be performed by a competent mechanic. Buyers and users of this product hereby expressly assume all risks associated with the installation and use of this product.
5. This installation is typical for most vehicles. Some years or models may vary. If necessary, refer to the proper Factory Service Manual for the year and model of your vehicle.

 **WARNING**  
Cancer and Reproductive Harm –  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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**WOR-307187**

## Installation Instructions

1. Read complete instructions before beginning installation. The following special tools are recommended: Coil spring compressor, floor jack, ball joint separator, jack stands, bench vise, and metric hand tools.
2. Lift the vehicle with the jack in the center of the front crossmember.
3. Support the vehicle by placing jack stands on the frame crossmember so that the front tires/wheels are off the ground.
4. Remove the front tires/wheels.
5. Disconnect the sway bar end link nut on the spindle and remove the upper ball joint cotter pin and nut.
6. Using ball joint separator or a suitable tool, separate the upper ball joint from the spindle. Use care to avoid damage to the ball joint boot.
7. Remove the upper strut tower nuts holding the strut assembly to strut tower. There are (3) on each side of vehicle.
8. Remove the lower strut bolt from the lower control arm and remove the strut assembly from the vehicle. Note the direction of the bolt for later reinstallation.
9. Compress the coil spring on the strut assembly with a suitable coil spring compressor so that the coil spring has about 3/8" play in the strut. Remove the upper strut isolator mount nut.
10. Remove the compressed coil spring assembly from the strut.
11. Remove the coil spring isolator from the upper strut mounting plate.
12. Replace the upper strut mounting plate studs with the supplied 10mm longer studs S10762 with a bench vise and a deep well socket. There are (3) on each side.
13. Install the supplied coil spring isolator MO3273 to the upper strut mounting plate.
14. Reinstall the compressed coil spring onto the strut assembly and reattach the upper strut mount plate using the stock hardware. See diagram on next page. Torque the upper strut mounting plate nut to 18 foot-pounds.
15. Decompress the coil spring in the strut assembly. Make sure that the spring is seated correctly into the strut assembly alignment indentation at the bottom of the strut and the top isolator.
16. Slide the coil spring spacer M03532 onto the top of the strut assembly over the 10mm studs.
17. Install the strut assembly into the strut tower and start the upper three 10mm lock nuts S10518. Make sure that the bottom of the strut is aligned as well.
18. Install the lower strut bolt removed in Step 8 back in the original position and torque to 100 foot-pounds.
19. Using the floor jack, raise the lower control arm and connect the upper ball joint on the upper control arm to the spindle. Torque nut to 80 ft-lbs and make sure that you replace the cotter pin (cotter pin not provided).
20. Reconnect the sway bar end links.
21. Install the front tires/wheels.
22. Lower the vehicle onto the ground and tighten the upper strut tower 10mm nuts S10518. Torque each nut to 50 foot-pounds. There are (3) on each side.
23. RETORQUE ALL BOLTS AFTER 500 MILES.

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DETAIL OF SPACER INSTALLATION FOR DAYSTAR TOYOTA KITS

FROM TOP OF PICTURE TO BOTTOM:

FIRST SPACER FROM TOP IS MOUNTED ON TOP OF THE COIL SUPPORT AND SLIPS OVER BOLTS.

1. THIN BLACK LINE UNDER TOP SPACER IS THE COIL SUPPORT PLATE THAT THE STUDS GO THROUGH.
2. SECOND SPACER IS THE PRELOAD ISOLATOR THAT MOUNTS UNDER THE COIL SUPPORT PLATE AND REPLACES THIN FACTORY RUBBER ISOLATOR.
3. COIL SPRING.

**NOTE: WHEN REINSTALLING THE LIFTED STRUT DO NOT TIGHTEN THE (3) UPPER NUTS TO THE POINT OF DISTORTING THE UPPER BRACE PLATE. THIS CAN HAPPEN IF YOU OVERTIGHTEN THEM.**



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