



Manufactured by: **WR Off Road Industries (Pty)Ltd.**

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Beware of Imitations! If the Packaging Doesn't Say "Level-It", It's Not The Original WR Off Road Level-It Leveling Kit.

LEVEL-IT® - FRONT SUSPENSION LIFT KIT

Technical Specifications & Installation Guide

DESCRIPTION OF PARTS:

2 x Front Leveling Spacer Units

6 x Nyloc Nuts (Pre-spotwelded into position)

Instruction/Installation Manual (3 Pages: Hand over to client on completion of installation)

Warning Decal (Install inside the Cab)

Warranty & Suspension Maintenance Card (Complete & Fax to WR Off-Road Industries - Client keep Original)

CONGRATULATIONS on your selection to purchase a WR Off-Road Industries' Level-It kit. We at WR Off-Road Industries are proud to offer a high quality product at the industry's most competitive pricing. Thank you for your confidence in us and our product! If you desire to return your vehicle to stock, it is the customer's responsibility to save all stock hardware.

The WR Off-Road Industries Level-It kit product safety label that is included in your kit box must be installed inside the cab, in clear view of all occupants.

Please refer to the end of the installation manual (page 3) for a picture of the hard parts that are included in this Level-It kit.

IMPORTANT CUSTOMER INFORMATION:

WR Off-Road Industries highly recommends that a qualified or a certified mechanic performs this installation.

It is the responsibility of the customer/installer to wear safety glasses at all times when performing this installation.

It is the customer/installer's responsibility to read and understand all steps before installation begins. If you have any questions or concerns, please contact WR Off-Road Industries at **+27 12 941 2900**.

This vehicle's reaction and handling characteristics may differ from standard cars and/or trucks. Modifications to improve and/or enhance off-road performance, may raise the intended center of gravity. Extreme caution must be utilized when encountering driving conditions which may cause vehicle imbalance or loss of control.

DRIVE SAFELY! Avoid abrupt maneuvers - such as sudden sharp turns which could cause a roll over, resulting in serious injury or death.

It is the customer's responsibility to make sure that a re-torque is performed on all hardware associated with this Level-It kit after the first 500km of installation.

It is also the customer's responsibility to do a complete re-torque after every 5000km or after every off-road use.

After the original installation, WR Off-Road Industries also recommends having the alignment checked every 6 months to ensure proper tracking, proper wear on tyres and front end components. WR Off-Road Industries takes no responsibility for abuse, improper installation or improper suspension maintenance.

IMPORTANT INFORMATION THAT NEEDS TO BE READ BEFORE INSTALLATION BEGINS

WR Off-Road Industries recommends a **32 x 11.50** or a **265/75** tyre package once the Level-It kit has been installed. If a tyre larger than a 32 x 11.50 or 265/75 is installed on your vehicle in conjunction with the Level-It kit, WR Off-Road Industries assumes no liability and the warranty will be VOID.

Before installation begins, WR Off-Road Industries highly recommends that the installer performs a test drive on the vehicle. During the test drive, check to see if there are any uncommon sounds or vibrations. If uncommon sounds or vibrations occur on the test drive, uncommon sounds or vibrations will be enhanced once the Level-It kit has been installed. WR Off-Road Industries highly recommends notifying the customer prior to installation to inform the customer of these issues, if they exist. Make sure to use thread locker or "**Loctite**" on all new and stock hardware associated with the installation of this Level-It kit.

SPECIAL NOTE: Before installation begins, it is the customer/installer's responsibility to make sure that all parts are on hand.

If any parts are missing, please feel free to call us at **+27 12 941 2900**.

RECOMMENDED TOOL SELECTION

Standard socket set • Metric socket set • Torque wrench • Tape measure • Standard wrench set • Metric wrench set • Hydraulic floor jacks

INSTALLATION GUIDE:



Please follow instructions carefully:

Before installation begins, measure from the bottom of the rim to the bottom of the fender well and record measurements below:



BEFORE

PRE-INSTALLATION MEASUREMENTS (cm):

Before installation begins, take the measurements as indicated above.



Passenger
Side Front



Driver
Side Front



Passenger
Side Rear



Driver
Side Rear

AFTER

POST-INSTALLATION MEASUREMENTS (cm):

At the end of the installation take the same measurements & compare to the pre-installation measurements.



Passenger
Side Front



Driver
Side Front



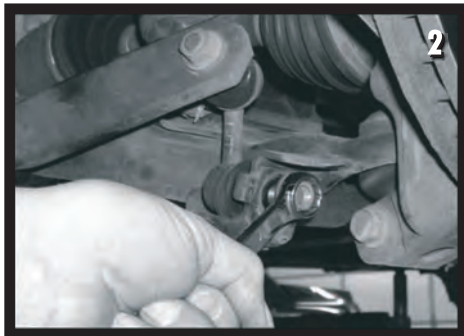
Passenger
Side Rear



Driver
Side Rear

STEP 1. To begin installation, block the rear tyres of the vehicle so that the vehicle is stable and can't roll backwards. Safely lift the front of the vehicle and support the vehicle with a pair of jack stands. Place a jack stand on both the driver & the passenger side. Next, remove the front wheels and tyres from both sides.

STEP 2. Working on the driver side, remove the stock sway bar end link from the stock location control arm. Save the stock hardware. Repeat procedure on the passenger side.

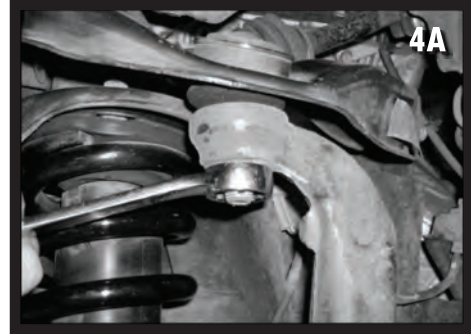


STEP 3. Working on the driver side, remove the stock cotter pin from the stock upper control arm ball joint. Save the stock cotter pin. Repeat the procedure on the passenger side.

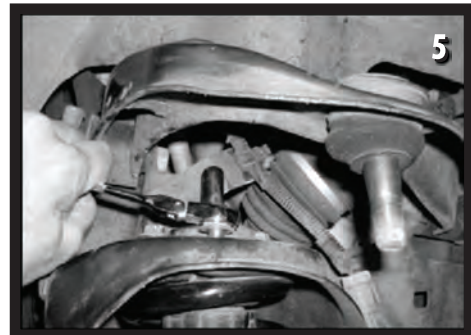


STEP 4. Working on the driver side, loosen but do not remove the stock nut that connects the stock upper control arm to the stock knuckle. Carefully break the stock taper of the upper control arm ball joint and then remove the stock nut completely and set aside. Separate the stock upper control arm and knuckle from each other. Repeat the procedure on the passenger side.

Special Note: Take Special care not to damage the stock upper control arm dust boot during removal.



STEP 5. Working on the driver side, remove the (3) stock nuts that connect the stock strut into the stock upper location. Save the stock hardware. Repeat the procedure on the passenger side.

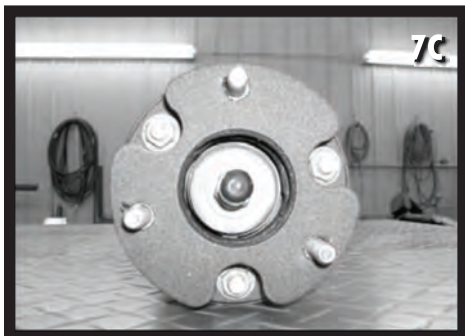


STEP 6. Working on the driver side, move the stock hardware that connects the stock strut to the stock lower control arm. Save the stock hardware. Pull the stock strut out of the vehicle and set aside. Repeat the procedure on the passenger side.



INSTALLATION GUIDE Continues:

STEP 7. Locate the new front strut spacers and the (6) stock upper nuts. Install (1) new spacer to the driver side strut using the stock hardware. Make sure to use thread locker or "loctite" and torque to 35 ft LBS. Repeat procedure on the passenger side strut.



STEP 8. Locate the (6) nylon lock nuts. Working on the driver side, install the modified stock strut into the stock upper location using the new hardware. **Special Note: The driver side strut will need to be rotated 180 degrees for proper fit.** Make sure to use thread locker or "loctite" and torque to 35 ft LBS. Repeat the procedure on the passenger side with the passenger side modified stock strut.



STEP 9. Locate the stock lower strut hardware. Working on the driver side, install the modified stock strut into the stock lower control arm location using the stock hardware. Make sure to use thread locker or "loctite" and torque to 155 ft LBS. Repeat procedure on the passenger side.

STEP 10. Locate the stock upper ball joint hardware. Working on the driver side, install the stock upper control arm into the stock knuckle and secure using the stock hardware. Make sure to use thread locker or "loctite" and torque to 58 ft LBS. Repeat procedure on the passenger side.

STEP 11. Locate the stock upper control arm cotter pins. Working on the driver side, install the stock cotter pins into the stock location. Repeat procedure on the passenger side.

STEP 12. Locate the stock lower sway bar mounting hardware. Working on the driver side, install the stock sway bar end link into the stock location and secure using the stock hardware. Make sure to use thread locker or "loctite" and torque to 62 ft LBS. Repeat procedure on the passenger side.

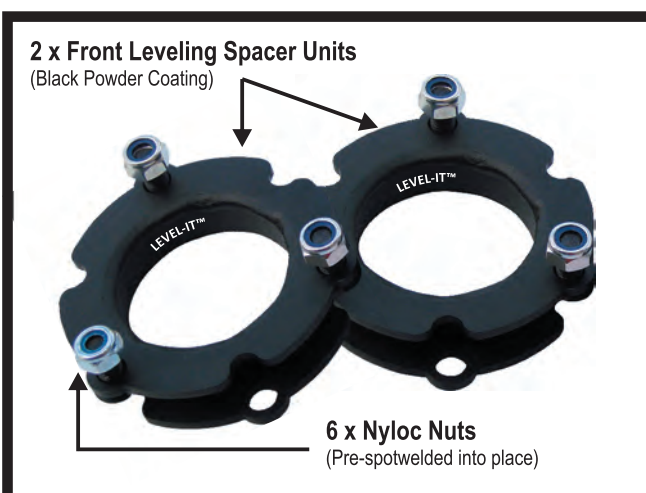
STEP 13. Install the tyres and wheels and carefully lower the vehicle to the ground

Congratulations, Installation Complete!

SPECIAL NOTE: After the completion of the installation, WR Off-Road Industries recommends taking the vehicle to an alignment shop and having a proper front end alignment performed.

WR Off-Road Industries recommends that a complete re-torque is done on all bolts associated with this Level-It kit. It is the customer's responsibility to make sure that a re-torque is performed on all hardware associated with this Level-it kit after the first **500km** of installation. It is also the customer's responsibility to do a complete re-torque after every **5000km** or after every off-road use. Neglect of following these steps could cause brackets to come loose and cause serious damage to this Level-It kit and to the vehicle.

LEVELING KIT CONTENT:



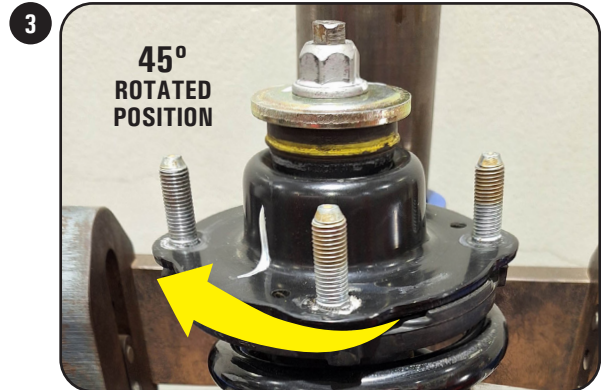
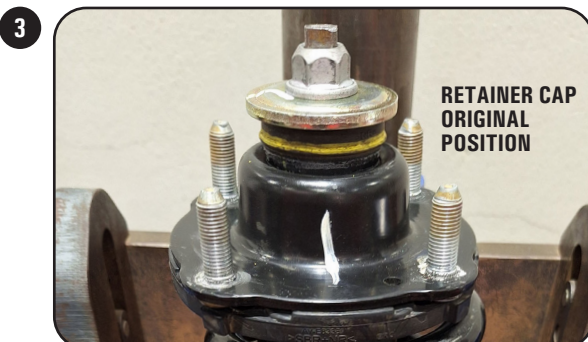
2026 Toyota Hilux N90 Strut Mount Modification

STEP 1: Remove the stock struts according to the provided **Installation Instructions**. Pull the stock struts out of the vehicle and set aside. Repeat the procedure for both sides of the vehicle.

STEP 2: Secure the strut with a coil-over machine or similar device. Loosen the top retainer nut and remove the strut retainer cap assembly completely from the strut.



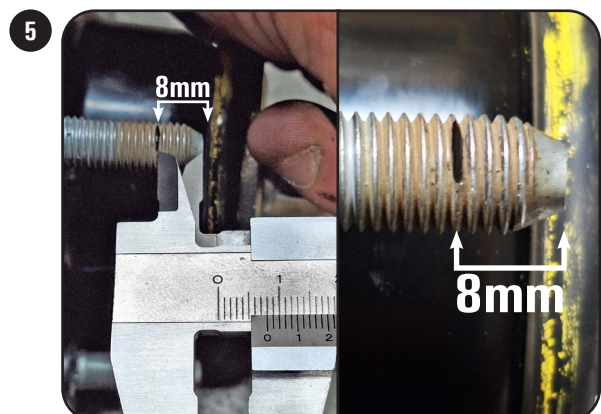
STEP 3: Rotate the strut retainer cap by **45 degrees** and re-attach the retainer cap to the strut in this new rotated position. Make sure the top nut is securely fastened.



STEP 4: Fit the **Level-It N90 spacer** onto the retainer cap. The four **Level-It spacer bolts** are now positioned where the original strut bolts were.



STEP 5: The four OEM bolts on the retainer cap need to be trimmed shorter in order to fit into the upper strut mounting point on the vehicle. From the top of each bolt, carefully **measure 8mm** and mark with a permanent marker the place where the bolts need to be cut.



STEP 6: Secure the strut, and with an angle cutter, carefully proceed to trim the OEM bolts to the required length.



STEP 7: File down the cut edges of the bolts to clean them up and smooth the edges, until no rough parts remain.



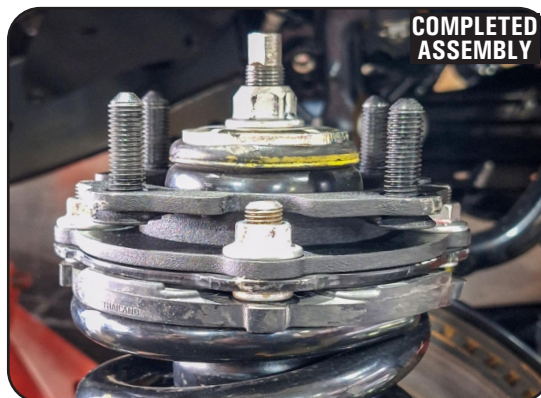
STEP 8: Apply a small amount of thread locker or Loctite to the threads of each of the bolts.



STEP 9: Attach the Level-It N90 spacer to the strut retainer cap with the four OEM nuts using a size 14 spanner.



STEP 10: Using a torque wrench and size 14 socket, tighten the four OEM nuts and torque to 35 ft LBS.



STEP 11: Re-install the modified stock strut with the Level-It N90 spacer attached, into the shock upper location. Use the four provided nylon lock nuts to fasten the shock strut in place.

