

# Front diff drop kit install instructions

Last Revised: (06/10/19)-DM



PART #	DESCRIPTION
RM83011	05+ Tacoma, 03+4Runner, 07-14 FJ, 03+ GX

6765 Franklin St. Denver, CO 80229  
 Phone: 303-255-4959  
 Email: support@toyteclifts.com

Fits: 2008 +Sequoia

COMPONENTS INCLUDED	Hardware Included	
Main Diff drop spacers	QTY:2	1" Thick Aluminum pucks
Main Diff drop bolts	QTY:2	6' x 1/2" bolts
Main Diff drop nuts	QTY: 2	1/2" Nuts
Main Diff drop washers	QTY: 2	1/2" Flat washers
Skid plate bolts	QTY:4	8mm x 40mm bolts
Skid plate lock washers	QTY: 4	5/16" Lock washers
Skid plate washers	QTY:4	5/16" washers



**YOU MUST REPORT ANY MISSING OR DAMAGED PIECES WITHIN -5- BUSINESS DAYS OF RECEIVING YOUR PACKAGE OR YOU WILL BE HELD LIABLE!!!**

Before:		Vehicle Hub to Fender Measurements	After:	
Driver Front:	Passenger Front:	Center of Wheel Straight up	Driver Front:	Passenger Front:
<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>
Driver Rear:	Passenger Rear:	To Bottom Edge of Fender	Driver Rear:	Passenger Rear:
<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>

**PLEASE READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION. IF YOU DO NOT FEEL COMFORTABLE OR UNDERSTAND THE INSTRUCTIONS WITH 100% CONFIDENCE WE RECOMMEND FOR YOU TO TAKE IT TO A PROFFESIONAL INSTALLER.**  
 Toytec lifts is NOT responsible for any damage or failure due to improper installation.

**SAFETY WARNING:**  
 Please note that installing products that enhance performance will also change the way your vehicle handles. Center of gravity will change with the added height of the suspension and tires so take care not to lose control of your vehicle. When modifying your suspension be sure to constantly check and maintain both your factory and aftermarket components. The user is knowingly modifying the suspension system of the vehicle and assumes liability for any damage it could cause to property or persons. Please Buckle up and drive safely!

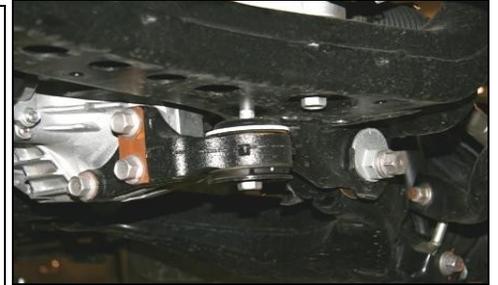
**INSTALLATION NOTES:**  
 We always recommend to work with a partner if not for an extra hand but for safety. If working off of a floor we always recommend at least two jack stands on solid points on the vehicle and your floor jack preloaded in a 3rd separate position ready to support the vehicle in case the vehicle moves. Always have the wheel chocked awith the vehicle in park and with the E-brake on. When installing items that are mounted via an impregnated rubber or polyurethane bushing be sure to torque them with the vehicle at rest on the ground to prevent premature bushing wear and a harsh ride. Toytec Lifts recommends for you to use a factory manual for any extra installation tips and for torque specifications. Keep in mind proper torque relies on healthy clean threads and the more you reuse a bolt the more it can stretch. That being said make sure to retorque all fasteners you used around 750 miles after installation. Toytec Lifts is NOT liable for any damage or personal injury/death that may occur during the installation process.

**INSTALLATION:**

**#1** Remove skid plate from front of the vehicle, save the OEM bolts.



**#2** Support the differential with a floor jack or transmission jack.



**#3** Remove factory M14 bolts and nuts, supporting the front differential.

**\*Save the large OEM washers for re installation\***



**#4** Lower differential far enough to allow insertion of the 1" drop spacer



**#5** Install the 1" spacers between the two front differential supports and front cross-member. Fasten to cross-member using new 1/2" x 6" long Grade 8 bolts and nuts (making sure to reuse the factory washers). Tighten to the factory specifications. If you don't have the factory specs, 50-70 ft.lbs. should be adequate for this size/grade bolt.

Photo shows the diff drop kit installed.

Do NOT reused factory nuts. Use supplied hardware for proper install.



**#6** Install the front skid plate using the OEM bolts on the front part of the skid plate and the supplied longer bolts with washers and circular skid spacers on the rear portion of the front skid.

Install rear skid plate using the small supplied circular skid spacers and longer bolts with washers between the frame and skid plate on the front. Then use the OE bolts on the rear of the skid plate to prevent skid plate and differential mounting bracket interference.

