



INST-1000-032

## Toyota Front Bump Stop Kit

Installation Guide | SKU: 314001521, 314001522



[www.RideShocks.com](http://www.RideShocks.com)

## A FEW WORDS ON PRODUCT SAFETY AND MESSAGING:

Motor vehicles and off road motor sports/use involve high levels of risks and variables including speed, terrain, overall suspension component choice, driver behavior and other variables outside Ride Shocks knowledge or influence. It follows that we are unable to foresee every combination of variables and these installation instructions do not reflect all product safety information which may be required to reduce risk of accident or injury related to your vehicle and selected modifications.

Before installation, please review the following safety information and installation instructions. Within these Instructions important safety information is generally preceded by one of three signal words indicating the relative risk of injury.

The signal words mean:



**WARNING** A hazardous situation which, if not avoided, could result in death or serious injury. You CAN be Killed or Seriously Hurt if you don't follow instructions.



**CAUTION** A hazardous situation which, if not avoided, could result in minor or moderate injury. You CAN be moderately HURT and also may suffer property damage if you don't follow instructions.



**NOTICE** Careful attention is required to this instruction or operation but does generally not relate to personal injury. Damage to your Ride Shocks product or other property may result if you don't follow instructions.



**WARNING** Suspension Modified with Tuned Shock Components/Higher Risk of Roll-over or Other Accident

|  <b>WARNING: HIGHER ROLLOVER RISK</b> |                                                                                                                                                               |                                                                                    |
|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|                                       | Avoid Excessive Speeds, Abrupt Maneuvers,<br>Surfaces/Obstacles Which May Induce a Tripping Moment.<br>All Occupants Buckle UP & USE Supplemental Restraints. |  |

The suspension of this vehicle has been optimized for off-road utility through installation of Ride Shocks products, which may increase ride height, modify damping/rebound and other suspension parameters. The suspension feel and handling may be different than an unmodified vehicle.

To reduce risk of roll-over or other accident always:

- Routinely inspect suspension components. IF DAMAGED, DO NOT USE UNTIL REPAIRED OR REPLACED.
- Do Not modify or substitute components of the Ride Shocks suspension products.
- Use of oversize tire/wheel combinations may increase stopping distances, ride height and/or compromise performance of vehicle stability control and other systems.
- Many states have restrictions on height and suspension modifications for highway use vehicles. Owners & drivers are exclusively responsible for construction and compliance of their vehicles.
- For additional safety messaging consult your OEM owners manual and off road supplements.



**WARNING** (CA residents) Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). Handling passenger or off-highway motor vehicle parts can expose you to chemicals such as phthalates and lead, which can cause cancer and reproductive harm. To minimize exposure, service the vehicle in a well-ventilated area, wear gloves, and wash your hands. For more information see: <https://www.p65warnings.ca.gov/fact-sheets/motor-vehicle-parts>.

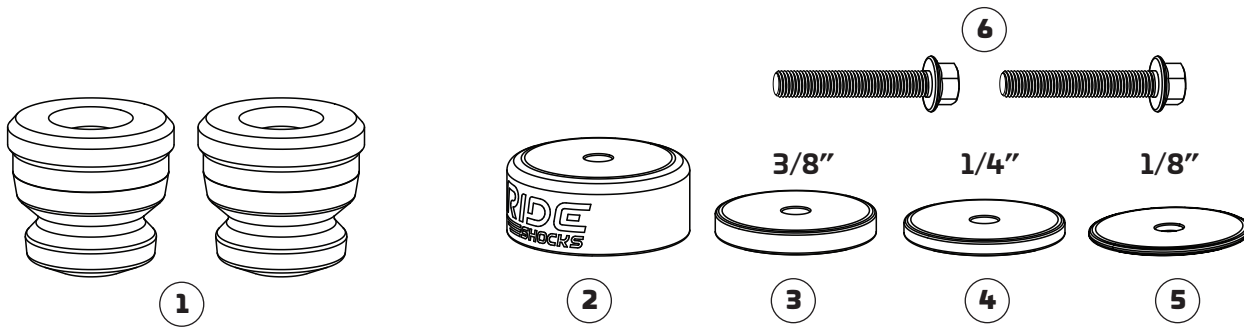
Read and follow all instructions and understand all safety messaging before beginning Installation. This installation requires intermediate mechanical skills and should be performed by a professional mechanic with access to a lift and means of securing the vehicle.

### WARRANTY:

No Warranty. There is no warranty, express or implied, other than as expressly set forth or referred to herein and, in particular, neither Party makes any warranties to each other or any other person or entity, whether express, implied or statutory, as to the description, quality, merchantability, completeness or fitness for any purpose of any services, products or information provided hereunder or described herein, or as to any other matter all of which warranties are hereby excluded and specifically disclaimed.. THE SAFETY, EFFECTIVENESS, AND PERFORMANCE OF THIS PRODUCT IS DIRECTLY RELATED TO THE MANNER IN WHICH IT IS INSTALLED, USED, AND/OR MAINTAINED. THE USER ASSUMES ALL RISK.

## 314001521, 314001522- Front Bump Stop Kit

| ITEM # | QTY | DESCRIPTION                     | PART #               | PART #                 |
|--------|-----|---------------------------------|----------------------|------------------------|
| 1      | 2   | Bump Stop                       | 3004-002             | 3004-002               |
| 2      | 2   | Bump Stop Holder                | (RED) 2000-089-2     | (BLACK) 2000-089-1     |
| 3      | 2   | Bump Stop Spacer 3/8"           | (RED) 2000-090-038-2 | (BLACK) 2000-090-038-1 |
| 4      | 2   | Bump Stop Spacer 1/4"           | (RED) 2000-090-025-2 | (BLACK) 2000-090-025-1 |
| 5      | 2   | Bump Stop Spacer 1/8"           | (RED) 2000-090-012-2 | (BLACK) 2000-090-012-1 |
| 6      | 2   | Hex Head Bolt M10 X 1.25 X 60MM | 3000-048-10-125-0060 | 3000-048-10-125-0060   |



### TOOLS NEEDED

**Sockets / Wrenches:** 14mm

**Equipment:** Safety Glasses, Floor Jack & Jack Stands, Large Pipe Wrench, Torque Wrench

### BUMP STOP FITMENT GUIDE

Use the combination of spacers listed below based on vehicle application & tire size.

*\*These recommended spacer heights do not guarantee tire fitment.* Actual tire dimensions may vary from published size. It is recommended to verify fitment at full bump, full droop and full lock. Adjust spacers as needed or desired.

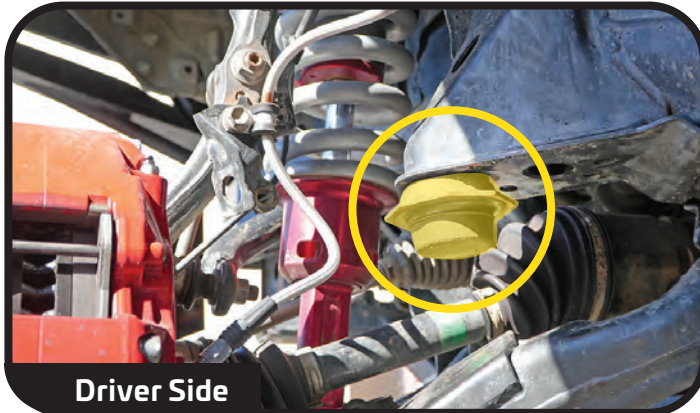
| Tire Size<br>(Tire Diameter / Rim Width / Rim Offset)                            | 05-15 Tacoma       | 16-23 Tacoma | 03-24 4Runner | 22+ Tundra         |
|----------------------------------------------------------------------------------|--------------------|--------------|---------------|--------------------|
| ≤ 32.7" / ≤ 11.2" / OEM offset<br>Fitment verified with BFG KO2 285/70 R17       | 1/4" + 3/8"        | 1/4" + 3/8"  | 1/8" + 3/8"   | N/A                |
| 32.8" / 35" ≤ 12.5 / +25mm offset<br>Fitment verified with BFG KO2 35 X 12.5 R17 | 1/8" + 1/4" + 3/8" | N/A          | N/A           | 1/8"               |
| 35.1" / 37" ≤ 12.5 / +25mm offset<br>Fitment verified with BFG KO2 37 X 12.5 R17 | N/A                | N/A          | N/A           | 1/8" + 1/4" + 3/8" |

## INSTALLATION INSTRUCTIONS



**WARNING** 1. Park vehicle on flat level surface. Jack up the front of the vehicle so tires are off the ground, and place tall jack stands under frame.

2. Remove front tires.



3. Locate the factory bump stop and use a large pipe wrench to unthread bump stop from the frame.



4. Reference fitment guide on page 2 to confirm which spacers are needed for your vehicle.

5. Using 14mm socket, attach bump stop cup with spacers to stock bump stop mounting location. Torque to 35 ft-lbs.

6. Insert foam bump stop into bump stop cup and press firmly until it's secured in place.

7. Repeat process on opposite side.

8. Reinstall tires & wheels and torque to OEM specs.

