



## INSTALLATION INSTRUCTIONS

300 W. Pontiac Way Clovis, CA. 93612 local: 559-875-0222 fax: 559-876-2259  
toll free: 800-445-3767

34956

STRUT SPACERS & DIFF DROP 2005-2018 Toyota Tacoma 6 Lug

**Thank You for selecting a BELLTECH PRODUCT. We have spent many hours developing our line of products so that you will receive maximum performance with minimum difficulty during installation.**

**Note:** Confirm that all hardware listed in the parts list is in the kit. **Do not** begin installation if any part is missing. Read the instructions thoroughly before beginning this installation.

**Warning:** **DO NOT** work under a vehicle supported by only a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

**Warning:** **DO NOT** drive vehicle until all work has been completed and checked. Torque all hardware to values specified.

**Warning:** Be aware that the vehicle can handle substantially different than the Manufacturers Original Design now that it has been modified.

**Reminder:** Proper use of safety equipment and eye/face/hand protection is necessary when using the recommended tools to perform procedures!

**Note:** It is very helpful to have an assistant available during installation.

### RECOMMENDED TOOLS:

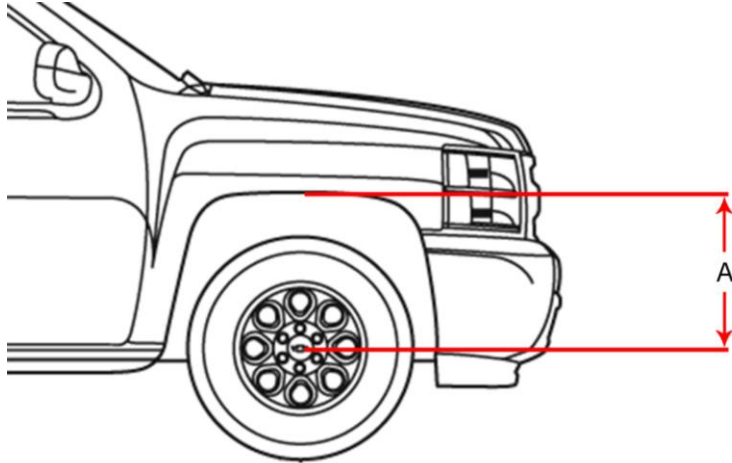
- Properly rated floor jack, support stands, and wheel chocks
- Combination wrench set
- Ratcheting socket wrench and socket set
- Safety Glasses
- Torque wrench

### PREPARING FOR INSTALLATION:

- Open the hardware kit and remove contents. Refer to the part list to verify parts are present
- Park the vehicle on a smooth, level hard surface such as concrete and activate the parking brake.
- Block the REAR wheels of the vehicle with appropriate wheel chocks; making sure the vehicle's transmission is in 1st gear (manual) or "Park" (automatic).

## VEHICLE HEIGHT:

Measure the current vehicle height NOW using the "Wheel Center to Fender" method shown in Diagram below and record the numbers in the space below:



Driver Side: \_\_\_\_\_“

Passenger Side: \_\_\_\_\_“

## KIT INSTALLATION

- Remove the front wheels.
- Remove the seven (7) skid plate mounting bolts (12mm).
- Unbolt upper sway bar end link.
- Unbolt the lower strut mount nut (19mm).
- Unbolt four (4 x 14mm) lower ball joint nuts.
- Mark the position of the lower control arm alignment cams.
- Do not Remove, but simply loosen off the lower control arm bolts (21mm), and remove the lower strut mount bolt.
- By rotating the lower control arm down, you can now remove the three (3x 14mm) upper strut mounting bolts.
- Install the Belltech Strut Spacer on the top mount of the strut and tighten the three (3x 14mm) upper strut mounting bolts to 22 ft/lbs.
- Remove the three (3x 14mm) new upper strut bolts from the Belltech Strut Spacer
- Install the new assembly into the vehicle by rotating it 180 degrees from the original position.

## KIT INSTALLATION CONTINUED

- Install the three (3x 14mm) new upper strut mounting bolts onto the upper strut mount finger tight. **Do not tighten!**
- Install the lower strut mount and bolt.
- Using a jack, raise the lower control arm to re install the (4 x 14mm) lower ball joint nuts. We recommend the use of blue thread lock on these bolts.
- Repeat for the other side of the vehicle
- Reinstall Wheels
- Lower vehicle to the ground.
- Align the lower control arm alignment cams to the marks you made in step 5 (19mm bolt)
- Tighten the lower control arm bolts to 148 ft/lbs. ensuring the alignment marks do not move.
- Re install seven (7) skid plate mounting bolts (12mm).
- All hardware being fastened to the vehicle's original fastening points should be torqued to the proper specifications. To prevent chassis damage, never over-torque the hardware.
- Check that all components and fasteners have been properly installed, tightened and torqued.
- Once vehicle is on ground check the height of the front, side to side.
- Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.
- After installing the new components, a wheel alignment should be performed according to manufacturer's specifications.

### PARTS LIST FOR 34956 KIT

PART No.	DESCRIPTION	QTY.
34956-001	Strut Spacer	2
	Flange Nut 14MM x 1.25	6
	9.35mm Spacer	2
	25.5mm Spacer	2
	12.75mm Spacer	2
	14mm Washer	2
	8mm Washer	2
	22mm Nut	2
	30mm Bolt M8 x 1.0	3
	150 mm Partial Thread Bolt M14 x 1.25	2