

07-21 Tundra Front Leveling Kit Instructions

TU1460



Contents:

- (2) Strut Spacers
- (8) M10x1.5x25mm bolts
- (8) M10 Lock Washers
- (8) M10 Washers

Tools Required:

- Jack and Jack Stands
- Pry bar
- 10, 14, 16, 17, 19, 21, 22mm sockets/wrenches
- Torque Wrench
- Hammer
- Angle Grinder *

Spacer Thickness

Due to suspension geometry, spacer thickness does not always equal the advertised lift height.

//Step 1

Raise and support front of vehicle using a jack and jack stands. Use a 22mm socket to remove the front wheels from the vehicle.

//Step 2

Remove the sway bar end link from the steering knuckle (A) using a 19mm socket.

//Step 3

Remove the upper ball joint from the knuckle (B) using a 19mm socket after removal of the cotter pin.

****Note:** A hammer may be necessary to remove the tie rod from the knuckle. Be cautious to not damage the threads on the stud.

//Step 4

Remove the two 17mm sway bar bushing brackets bolts (C) to allow additional space when removing and installing the strut assembly.

//Step 5

Remove the (4) 14mm upper strut mounting nuts (D).

//Step 6

Loosen but do not remove the (2) lower control arm bolts (E) using a 22mm wrench. Remove the 22mm lower strut bolt (F). Once removed, pry down on the lower control arm with the pry bar to take the strut out through the bottom first. The strut will slide downwards once removed from the mounts.

//Step 7

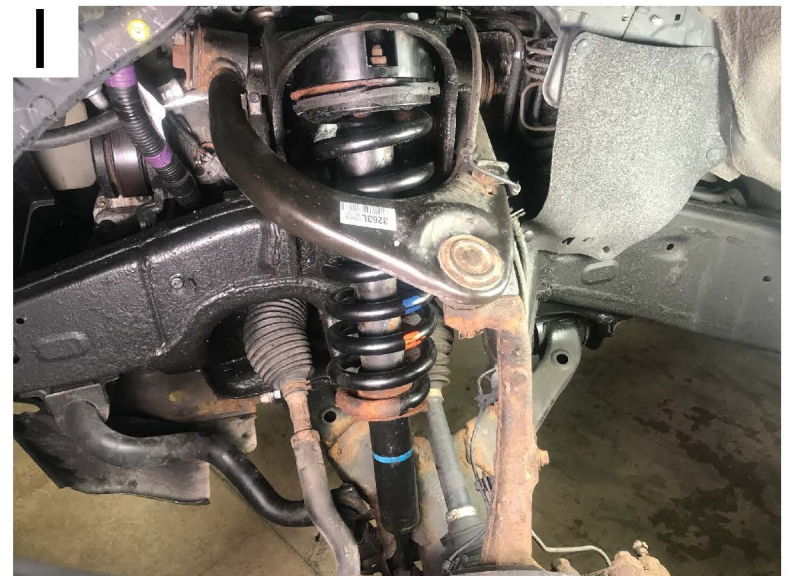
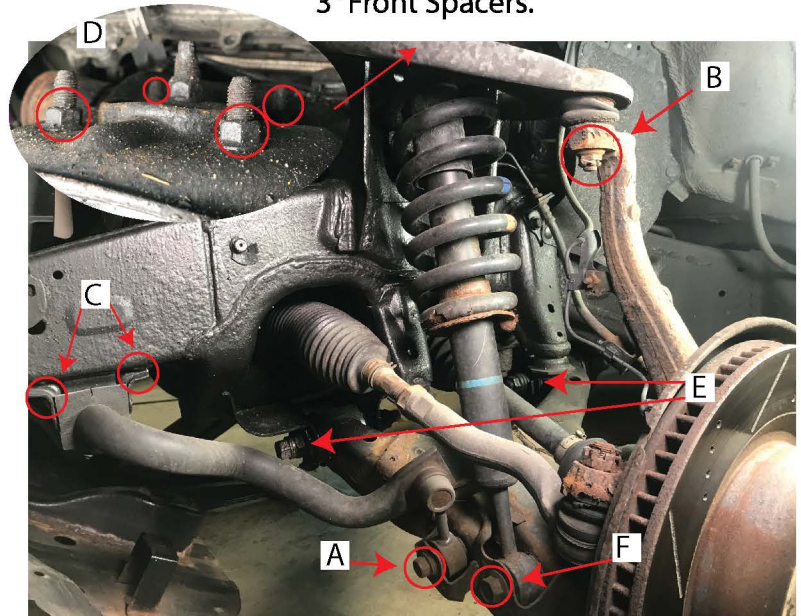
Once removed, install spacer onto strut assembly. Use the original 14mm nuts to tighten spacer to strut assembly and tighten to 33 ft/lbs. (G).

****Note:** Depending on spacer size, grinding the tapered edge of the 4 factory strut studs will be necessary due to clearance between the frame and strut (H).

//Step 8

Re-install strut onto vehicle (I). Using the pry bar, pry downwards on the lower control arm to gain clearance for the strut. Once strut is in place, install the (4) 16mm included bolts, lock washers, and washers into mounting holes and tighten to 47ft/lbs. Re-install original suspension components in reverse order to factory torque specifications.

****TRD and Rock Warrior editions not compatible with 3" Front Spacers.**



****4 Wheel Alignment is highly recommended after completion to prevent premature tire wear****