

2007-Current Toyota Tundra 4WD Front Leveling Kit

Parts:

2 - Front Strut Spacers

8- Spacer Studs and Nuts

PRE-INSTALLATION

Professional installation by a certified technician is strongly recommended.

Not responsible for altered products. No claims are made regarding any lifting devices. Any and all claims implied in this document excluded.

NOTES:

The following instructions assume the use of factory wheels with maximum size 305/65-18 (33-inch) tires.
Before starting installation, record the front and rear ride height of the vehicle.

REQUIRED TOOLS:

10mm Wrench 12mm Wrench 14mm Wrench 19mm Wrench
22mm Wrench 24mm Wrench 9/16" Wrench 13/16" Wrench
Hammer

Torque Specs:

Size	Grade 5	Grade 8	Size	
3/8"	30 ft/lbs	35 ft/lbs	8mm	25ft/lbs
9/16"	95 ft/lbs	130 ft/lbs	10mm	32ft/lbs
			12mm	70ft/lbs
			14mm	95ft/lbs
			16mm	200ft/lbs
			18mm	475ft/lbs

INSTALLATION INSTRUCTIONS

- STEP 1:** Park on level surface. Chock rear wheels. Jack up front of vehicle.
- STEP 2:** Place jack stands under frame rails directly behind lower control arm mounts.
- STEP 3:** Remove front wheels.
- STEP 4:** Remove skid plate bolts and remove skid plate.
- STEP 5:** Remove upper strut nuts. (14mm Wrench - Save factory hardware)
- STEP 6:** Remove sway bar link from lower control arm. (19mm Wrench - Save factory hardware)
- STEP 7:** Loosen lower control arm bolts, but do not remove. (24mm Wrench) Swing lower control arm down.
- STEP 8:** Remove brake line bracket from knuckle. (12mm Wrench)
- STEP 9:** Remove upper ball joint nut. (19mm Wrench) Hit knuckle on side with hammer to dislodge taper lock.
- STEP 10:** Remove lower strut bolts. (22mm Socket) Remove strut (note position marks on strut).
- STEP 11:** Install included studs in spacer. Install strut spacer on top of strut with factory hardware making sure it is aligned properly.
- STEP 12:** Raise lower control arm and reinstall lower strut mount bolt and sway bar link (torque to factory specs).
- STEP 13:** Reinstall upper ball joint nut (torque to factory specs).
- STEP 14:** Tighten 14mm upper strut bolts to factory specs. Reinstall brake line bracket.
- STEP 15:** Reinstall front wheel and lower vehicle. Tighten lower control arm bolts (torque to factory specs)
- STEP 16:** Repeat steps on other side vehicle. Reinstall skid plate on vehicle.

POST-INSTALLATION

- STEP 1:** Check for proper torque on all fasteners. Check steering for proper working order and check for interference. Test brake system. Check clearance between all rotating, mobile, fixed and hot parts.
- STEP 2:** Check distance between tire sidewall and the brake hose during full-turn to full-turn steering sweep. Do not skip this step! Any contact may result in component failure.
- STEP 3:** Adjust headlights to proper alignment.

MAINTENANCE: After 500 miles, re-torque all fasteners. (Recommended every 1000 miles thereafter) Have all suspension, driveline and steering components inspected by a certified technician during routine maintenance (Recommended every 3000 miles)