Toyota Tundra 4WD 2.5-3.0"
Toyota Leveling Kit

Parts:

2 - Front Strut Spacers	2 - Differential Spacers
4 - Front Strut Spacer Shim Plates	3 - Skid Plate Spacers
8 - 3/8" Nut	3 - 8mm Retaining Washer
8 - 3/8" Lock Washer	2 - 9/16" x 6" Bolt
3 - 8mm x 30mm Bolt	2 - 9/16" Locknut
	2 - 9/16" Washer

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. Calculate the amount of lift needed to level the vehichle. Strut spacer provides about 2 1/4" of lift. Each additional spacer shim provides another 3/8" of lift.

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
3/8"	30 ft/lbs	35 ft/lbs
9/16"	95 ft/lbs	130 ft/lbs

Size	
8mm	25ft/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 sensor wire bracket, careful not to stretch or damage wire. (10mm Wrench - Save factory hardware)

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.

STEP 11: Install included strut spacer on top of strut with factory hardware. **IMPORTANT: Flat side of spacer must face frame rail.**

STEP 12: Add one or two spacer shims on top of strut spacer if needed - match flat side with spacer.

STEP 13: Remove driver-side and passenger-side differential front mounting bolts.

STEP 14: Install included 1" spacers between differential mounts and frame. Secure with included 9/16" x 6" bolts. (13/16" Wrench)

STEP 15: Reinstall strut in factory mount. **IMPORTANT: Flat side of spacer must face frame rail.** Secure with included 3/8" nuts and lock washers on upper mount. (9/16" Wrench) Secure to bottom arm with factory hardware. (22mm Socket)

STEP 16: Insert included 8mm x 30mm bolts in skid plate. Place spacers on bolts, followed by retaining washers to keep spacers in place. 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 buy a certified technician durning routine maintenance (Recommended every 3000 miles)