

SOUTHERN TRUCK

Lift your life.

2005-2015 Toyota Tacoma/PreRunner 2WD/4WD 2.25" Front Leveling Kit - Strut Extension

45032

2 - Front Strut Spacers 2 - Differential Spacers
6 - Flange Nuts 2 - Skid Plate Spacers
2 - Differential Mount Bolts 2 - Skid Plate Mount Bolts

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:

Larger rim/tire combinations increase leverage on suspension, steering and other components. An alignment is required after installing this product.

REQUIRED TOOLS:

12mm Wrench 14mm Socket 17mm Socket 17mm Wrench
19mm Wrench 19mm Socket 16mm Wrench 21mm Socket
Hammer

Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16"	15 ft/lbs	20 ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8"	30 ft/lbs	35 ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16"	45 ft/lbs	60 ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2"	65 ft/lbs	90 ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16"	95 ft/lbs	130 ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8"	135 ft/lbs	175 ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4"	185 ft/lbs	280 ft/lbs	18MM	170ft/lbs	240ft/lbs

INSTALLATION INSTRUCTIONS

- STEP 1:** Jack up front of vehicle so that front wheels are off the ground. Support vehicle with jack stands.
- STEP 2:** Remove front wheels. (21mm socket)
- STEP 3:** Remove skid plate by removing 4 retaining bolts. (12mm wrench)
- STEP 4:** Loosen upper strut mount nuts. (14mm socket)
- STEP 5:** Loosen lower strut mount nut. (14mm socket)
- STEP 6:** Loosen but do not remove lower control arm nut and bolt. (19mm socket)
- STEP 7:** Remove both lower ball joint bolts. (19mm socket)
- STEP 8:** Remove lower strut mount nut and bolt. Push lower control arm out of the way.
- STEP 9:** Remove upper strut mounting bolts. Remove strut from vehicle.
- STEP 10:** Install strut spacer on strut with factory hardware. (Torque to factory specs)
- STEP 11:** Install strut assembly in factory location (rotated 180 degrees). Secure to upper mount with included hardware, but leave nuts loose.
- STEP 12:** Install raise lower control arm and install lower strut mount bolt and nut.
- STEP 13:** Use jack to raise lower control arm and reinstall lower ball joint bolts. (19mm socket - use thread lock) Tighten lower control arm nut. (19mm socket)
- STEP 14:** Repeat steps 4-13 on opposite side of vehicle.
- STEP 15:** Position floor jack to support front differential.
- STEP 16:** Remove factory differential mounting nuts and bolts. (19mm socket - save factory washers)
- STEP 17:** Install 1" spacers between differential supports and front cross-member. Install new bolts and nuts with factory washers. (Torque to factory specs)
- STEP 18:** Reinstall skid plate using 1/2" spacer and provided bolts on rear two mounts - factory hardware on front two mounts.
- STEP 19:** Reinstall front wheels. (21mm socket - torque to factory specs)

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)