

Parts:

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

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)