

RUGGED OFFROAD

7-102

1995-04 Tacoma

6 Lug 2/4WD

Step by step instructions and checklist: Use the proper tools and safety equipment to perform all work. Torque all fasteners to proper specifications and double check work. Align your vehicle after installation.



Position truck on a flat surface and lift vehicle by the frame so that the front wheels are off the ground. Use minimum 3 ton jack stands and place under frame for safety or a (2) two post lift if available. Make sure that the emergency brake is on and the rear wheels are blocked to prevent a rollout.

1) Remove the seven 12mm skid plate mounting bolts (4x4 Two skid plates). Prerunners 1 skid plate and five bolts. Remove the front wheels. Unbolt the upper sway bar end link. Upper link varies depending on the year.



2) Unbolt the 19mm lower strut mounting nut.

Remove the four 14mm lower ball joint nuts. Mark the lower control arm alignment cams.

Loosen but do not remove the 21mm lower control arm bolts.

Remove the lower strut mounting bolt.



3) Rotate the lower control arm down.

Remove the three 14mm upper strut mounting nuts.

Remove the strut from the vehicle.

Install the new Strut extension using the factory hardware.

Torque to 22ft/lb.



4) Rotate the strut 180 degrees and install onto vehicle. Install the supplied upper strut mounting nuts but leave them loose.

Install the lower strut mounting bolt and nut. Use a jack to raise the lower control arm and install the four 14mm lower ball joint bolts. Be sure to use a thread locker on these bolts.

Tighten the upper strut mounting nuts.

Repeat steps 1-4on opposite side. Reinstall the upper sway bar end links on both sides.

5) Reinstall wheels, lower vehicle to the ground.

Tighten the lower control arm bolts using a 19mm wrench to line up the markings you made and a 22mm to tighten the bolt. Torque to 148ft/lb.

Be sure to double check that all fasteners are torqued to spec.

Final Checks & Adjustments

Post Installation Warnings: Once the vehicle is lowered to the ground, check all parts which have rubber or urethane components to insure proper torque. Torque wheels to factory specs. Move vehicle backwards and forwards a short distance to allow suspension components to adjust. Turn the front wheels completely left then right and verify adequate tire, wheel, brake line, and ABS wire clearance. Test and inspect steering, brake and suspension components for tightness and proper operation. Inspect brakes hoses and ABS lines for adequate slack at full extension. Failure to perform the post inspection checks may result in vehicle component damage and/or personal injury or death to driver and/or passengers. Test drive vehicle and re-check the torque of all fasteners and re-torque wheels on vehicle.

Wheel Alignment/Headlamp Adjustment:

It is necessary to have a proper and professional wheel alignment performed by a certified alignment technician. Align the vehicle to factory specifications. It is recommended that your vehicle alignment be checked after any off-road driving. In addition to your vehicle alignment, for your safety and others, it is necessary to check and adjust your vehicle headlamps for proper aim and alignment.

Vehicle Re-Torque and Safety Inspection:

Upon completion of all services and adjustments performed on your vehicle, and within 50 miles of driving, check to ensure all fasteners and hardware are properly torqued to specification as noted in the vehicles factory service manual or the torque chart included.