T2300 Installation Instructions
2007-2016 Toyota Tundra
3" Upper Control Arm

Read and understand all instructions and warnings prior to installation of product and operation of vehicle.

Zone Offroad Products recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known. Minimum tool requirements include the following: Assorted metric and standard wrenches, hammer, hydraulic floor jack and a set of jack stands. See the "Special Tools Required" section for additional tools needed to complete this installation properly and safely.

» Product Safety Warning

Certain Zone Suspension Products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. Zone Offroad Products does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions.
Always wear your seat belt.

» Technical Support

Live Chat provides instant communication with Zone tech support. Anyone can access live chat through a link on www.zoneoffroad.com .

www.zoneoffroad.com may have additional information about this product including the latest instructions, videos, photos, etc.

Send an e-mail to ***tech-zone@sporttruckusainc.com*** detailing your issue for a quick response.

888.998.ZONE Call to speak directly with Zone tech support.

» Pre-Installation Notes

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of Zone Offroad Products. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, Zone Offroad Products recommends rear alterations first.
7. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

Difficulty Level

easy 1 2 (3) 4 5 difficult

Estimated installation: hours

Special Tools Required

N/A

Tire/Wheel Fitment

N/A

***Important* Verify you have all of the kit components before beginning installation.**

T2300 Kit Contents

Qty	*Part*
1	Drv - Upper Control Arm Assembly
1	Pass - Upper Control Arm Assembly
4	5/8" USS Washer
1	Bolt Pack

Installation Instructions

1. Park vehicle on clean flat and level surface. Block the rear wheels for safety.
2. Raise the front of the vehicle and support the frame rails with jackstands.
3. Remove the front wheels.
4. Disconnect the ABS line from the upper control arm. (Fig 1)



Figure 1

5. Loosen the upper ball joint nut, do not completely remove the nut. Unseat the tapered ball joint from the steering knuckle by striking the knuckle with a hammer to get the ball joint to 'pop' and unseat the taper. (Fig 2)



Figure 2

6. Remove the upper control arm bolt and remove the control arm from the vehicle. On the passenger's side, there are 2 clips that must be popped out from the body to allow the factory bolt to be removed. Keep the large washer near the arm (not bolt head) to allow the bolt to be removed.
7. Remove the factory washers from the upper control arm bolt, new washers are provided with the kit.
8. Install new upper control arms with factory bolt, nuts, and new washers. Do not tighten at this time. Attach the ball joint to the steering knuckle with included

Note

For use with 3"-3.5" of lift with no lower control arm relocation. Not for use with 0-2.5" of lift. Arms have an additional 1 degree of caster built into them. Alignment after installation is required.

Post-Installation Warnings

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.

2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure.

3. Perform head light check and adjustment.

4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

hardware. Tighten the ball joint nut to 80 ft-lbs. Do not loosen the ball joint nut to get the cotter pin to line up.

9. Attach the ABS bracket to the upper control arm with ¼" hardware. Tighten to 15 ft-lbs.
10. Reinstall wheels, tighten lug nuts to factory specification.
11. Lower vehicle and tighten upper control arm hardware to 173 ft-lbs.
12. A vehicle alignment is now required.
13. Check hardware for proper torque after 500 miles.