



N2200 Installation Instructions 2016-2017 Nissan Titan XD 2" 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

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.

Difficulty Level

easy 1 2 **3** 4 5 difficult

Estimated installation: hours

Special Tools Required

N/A

Tire/Wheel Fitment

N/A

» 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.
8. This kit will ONLY fit a Nissan Titan XD (will not fit the regular Titan)

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

N2200 Kit Contents

Qty Part

1	Drv - Upper Control Arm Assembly	1	Pass - Upper Control Arm Assembly
1	Ball Joint	1	Ball Joint
2	Rubber Bushings	2	Rubber Bushings
1	Ball Joint Cap	1	Ball Joint Cap
1	O-Ring	1	O-Ring
1	Grease Fitting	1	Grease Fitting

Note

For use with 2"-3" of lift with no lower control arm relocation. Not for use with 0-1.5" of lift. Alignment after installation is required.

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. 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 **Figure 1**.

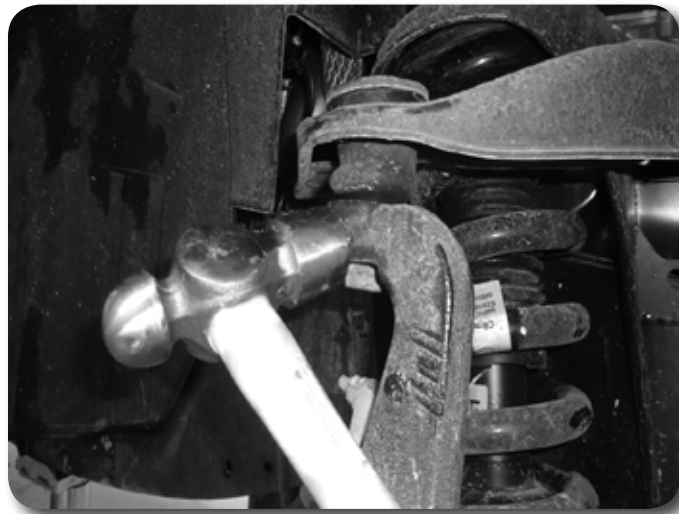


Figure 1

5. Remove the upper control arm bolts and remove the control arm from the vehicle **Figure 2**. The strut may need to be removed to access the nuts for the control arm bolts, but is not required. See factory service manual for strut removal.



Figure 2

6. Install new upper control arms with factory bolt and nuts. Figure 3 Do not tighten at this time.



Figure 3

7. Attach the ball joint to the steering knuckle with included hardware Figure 4. Tighten the upper ball joint nut to 55 ft-lbs. Do not loosen the ball joint nut to get the cotter pin to line up. If strut was removed reinstall at this time.

Step 6 Note:

02959 part # is etched on the bottom of the driver's side arm

02960 part # is etched on the bottom of the passenger's side arm

Ball joint will be offset towards the rear of the vehicle

Grease the Ball Joint!

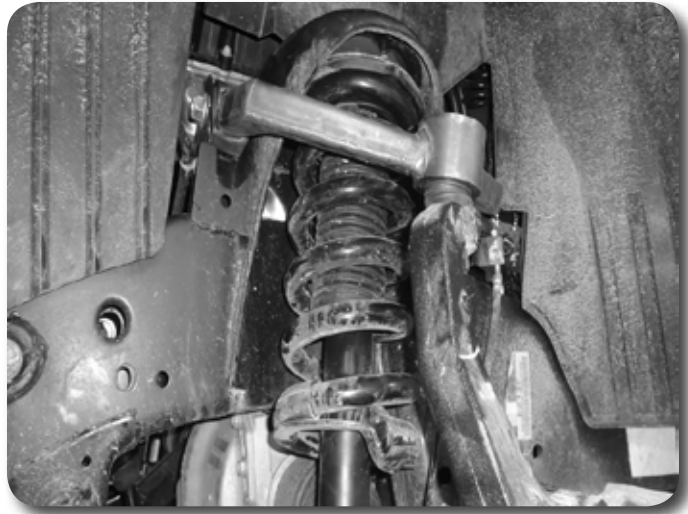


Figure 4

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.

8. Reinstall wheels, tighten lug nuts to factory specification. Cycle steering to check for clearance between the tire and upper arm at full droop
9. Lower vehicle and tighten upper control arm hardware to 120 ft-lbs. Do NOT tighten the upper control arms when the vehicle is hanging in the air, the bushings will bind and cause premature wear
10. Cycle steering and check for clearance at ride height between tires and upper control arm. Check for adequate clearance between brake lines and ABS wires and tire / wheel.
11. A vehicle alignment is now required.
12. Check hardware for proper torque after 500 miles.