TRAIL FORTRESS

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Rough Country 83401A Installation Instructions

Forged Upper Control Arms for 2-3 Inch Lifted Nissan Titan

Part number: 83401A

trailfortress.com/forged-upper-control-arms-2-3-inch-lifted-nissan-titan-rough-country-83401a

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ROUGH COUNTRY SUSPENSION SYSTEMS®

83401BAG1

Nissan 04-20 Titan (Non XD) Forged Alum. Upper Control Arms

Thank you for choosing Rough Country for all your suspension needs.

Rough Country recommends a certified technician install the parts included. In addition to these instructions, professional knowledge of disassemble/reassembly procedures as well as post installation checks must be known. Attempts to install this system without this knowledge and expertise may jeopardize the integrity and/or operating safety of the vehicle.

Please read instructions before beginning installation. Be sure you have all needed parts and know where they go. Also please review the tool list and make sure you have the necessary tools to install the kit.

PRODUCT USE INFORMATION

⚠WARNING As a general rule, the taller a vehicle is, the easier it will roll. We strongly recommend, because of rollover possibility, that seat belts and shoulder harnesses should be worn at all times. Avoid situations where a side rollover may occur.

Generally, braking performance and capability are decreased when larger/heavier tires and wheels are used. Take this into consideration while driving. Do not add, alter, or fabricate any factory or after-market parts to increase vehicle height over the intended height of the Rough Country product purchased. Mixing component brands is not recommended.

Rough Country makes no claims regarding lifting devices and excludes any and all implied claims. We will not be responsible for any product that is altered.

We will be happy to answer any questions concerning the design, function, and correct use of our products.

This kit in intended for use with lifted Nissan application, in particular 2” and above to allow additional upper control arm movement and clearance between the upper strut tower and the control arm.

⚠NOTICE NOTICE TO DEALER AND VEHICLE OWNER

Any vehicle equipped with any Rough Country product should have a “Warning to Driver” decal installed on the inside of the windshield or on the vehicle’s dash. The decal should act as a constant reminder for whoever is operating the vehicle of its unique handling characteristics.

INSTALLING DEALER - it is your responsibility to install the warning decal and forward these installation instructions on to the vehicle owner for review. These instructions should be kept in the vehicle for its service life.

Kit Contents:
1-Driver Side Control Arm
1-Pass Side Control Arm

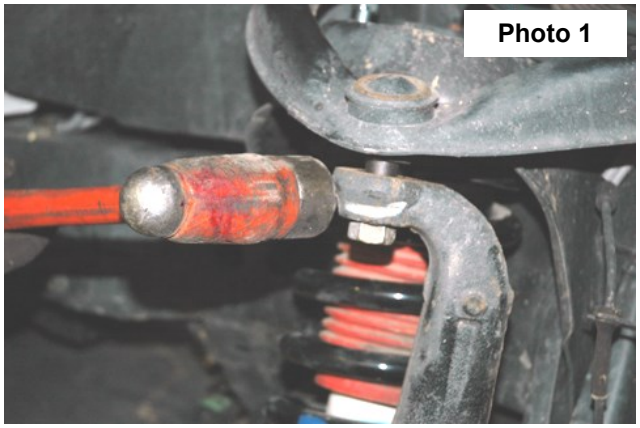
Tools Needed:

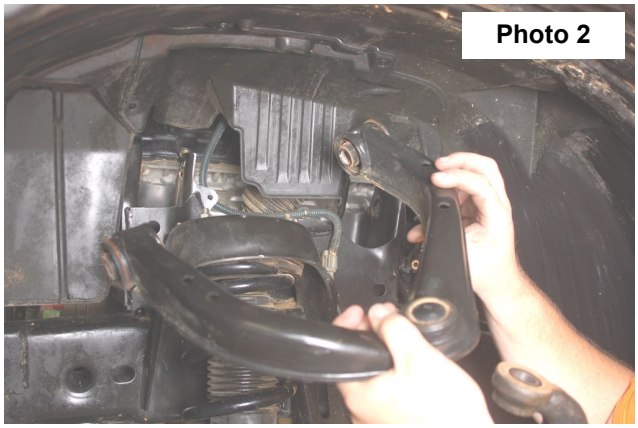
19 mm Socket
13/16” Socket
22 mm Socket
Hammer
19 mm Wrench
Grinder



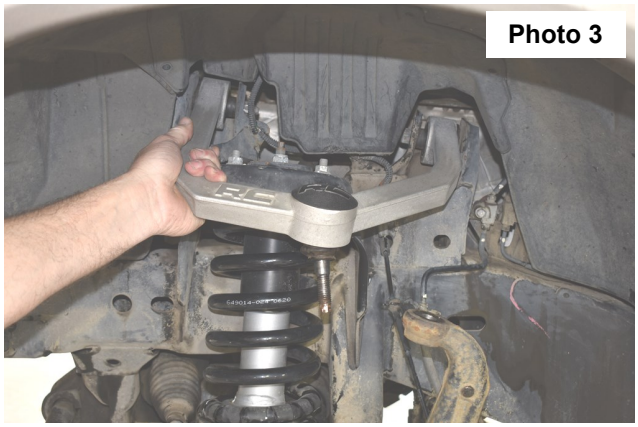
INSTALLATION INSTRUCTIONS

1. Jack up the front of the vehicle and support the vehicle with jack stands, so that the front wheels are off the ground
2. Using 13/16” socket remove the front tires/wheels.
3. Remove cotter pin from the upper control arm ball joint nut. Place jack stand under the knuckle for support. Using 22 mm socket remove nut. Using a hammer hit the knuckle as shown to allow the ball joint to separate from the upper control arm **See Photo 1**. Do not allow the knuckle to pull out far enough that it pulls the shaft out of the differential.
4. Remove the upper control arm as shown in **Photo 2** using a 19mm wrench. Retain the factory hardware for reuse.





5. Grind the tabs on the inner side of the control arm pockets to allow the new control arms to be installed. **Failure to complete this task will not allow the new control arms to be installed.**
6. Install the control arms in the factory location with the factory hardware. **See Photo 3**. Do not tighten at this time.
7. Using a floor jack, raise the lower control arm and connect the upper ball joint on the upper control arm to the spindle. Install the supplied castle nut. Tighten using a 22mm wrench to the factory specifications.
8. Grease ball joints before use. Check ball joint grease every 3000 miles.



POST INSTALLATION INSTRUCTIONS

1. Check all fasteners for proper torque. Check to ensure there is adequate clearance between all rotating, mobile, fixed and heated members. Check steering for interference and proper working order. Test brake system.
2. Perform steering sweep. The distance between the tire sidewall and the brake hose must be checked closely. Cycle the steering from full turn to full turn to check for clearance. Failure to perform inspections may result in component failure.
3. Re torque all fasteners after 500 miles. Visually inspect components and re torque fasteners during routine vehicle service.

By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable Federal, State, and Local laws and regulations regarding the purchase, ownership, and use of the item. It shall be the buyers responsibility to comply with all Federal, State and Local laws governing the sales of any items listed, illustrated or sold. The buyer expressly agrees to indemnify and hold harmless Rough Country, LLC for all claims resulting directly or indirectly from the purchase, ownership, or use of the items.