TRAIL FORTRESS

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Rough Country 82009 Installation Instructions

Forged Upper Control Arms for Nissan Frontier (2005–2025)

Part number: 82009

trailfortress.com/forged-upper-control-arms-nissan-frontier-rough-country-82009

Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

921820090

NISSAN 2005-23 FRONTIER FORGED UPPER CONTROL ARM

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

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.

If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.

Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.

Periodically check all hardware for tightness.

KIT CONTENTS:
Dr. Side Upper Control Arm
Pass. Side Upper Control Arm

Hardware Included:
6327BAG

TOOLS REQUIRED:
Hammer
22mm Wrench
19mm Wrench





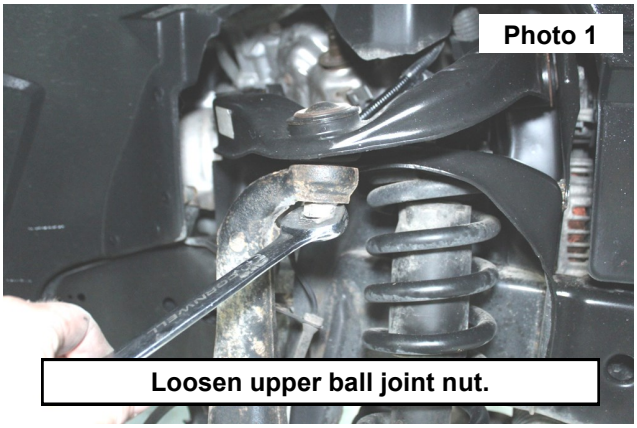
Torque Specs:

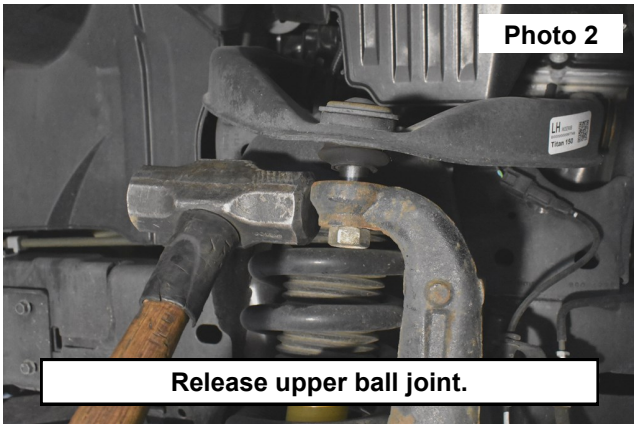
Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4”	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

RC ROUGH COUNTRY

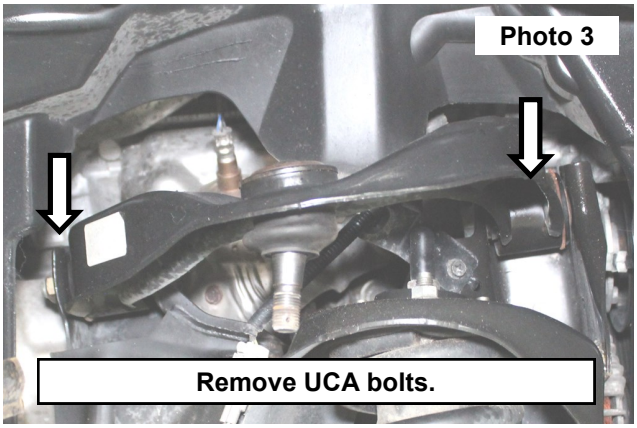
INSTALLATION INSTRUCTONS

1. Chock the rear wheels and use a floor jack to lift the front of the vehicle. Place jack stands under the frame rails to support the vehicle.
2. Remove the front wheels.
3. Pull the cotter pin securing the upper ball joint. Loosen the nut to the upper ball joint with an 22mm wrench. Do not fully remove at this time. See Photo 1.
4. Strike the knuckle with a hammer to release the taper. See Photo 2.
5. Remove the upper ball joint with an 22mm wrench. Retain hardware for reuse.





6. Use two 19mm wrenches to remove the upper control arm bolts. Retain hardware for reuse. See Photo 3.
7. Remove factory upper control arm.
8. Install the supplied upper control arms in reverse order of disassembly using factory hardware.
9. Grease the ball joint before use. Check ball joint for grease every 3000 miles.



POST INSTALLATION

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.
4. Readjust headlights to proper settings.
5. Vehicle will have to have a front-end alignment.

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