TRAIL FORTRESS

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Rough Country 75601ARED Installation Instructions

Red Forged Upper Arms for Tacoma with 3.5in Lift (2024-2025)

Part number: 75601ARED

trailfortress.com/red-forged-upper-control-arms-tacoma-4runner-rough-country-75601ared

Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

TOYOTA 2024 Tacoma Upper Control Arm Kit

Thank you for choosing Rough Country for your suspension needs.

Rough Country recommends a certified technician install this system. In addition to these instructions, professional knowledge of disassembly/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. Check the kit hardware against the parts list on this page and the product layout on the last page. Be sure you have all needed parts and know where they go. Also please review tools needed list and make sure you have needed tools.

PRODUCT USE INFORMATION

⚠WARNING As a general rule, the taller a vehicle is, the easier it will roll. 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.

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

This suspension system was developed using a Maximum tire size of 265/70R-17with factory wheels. For aftermarket wheel and tire combinations consult your tire and wheel specialist.

⚠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

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

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PART LIST

75601

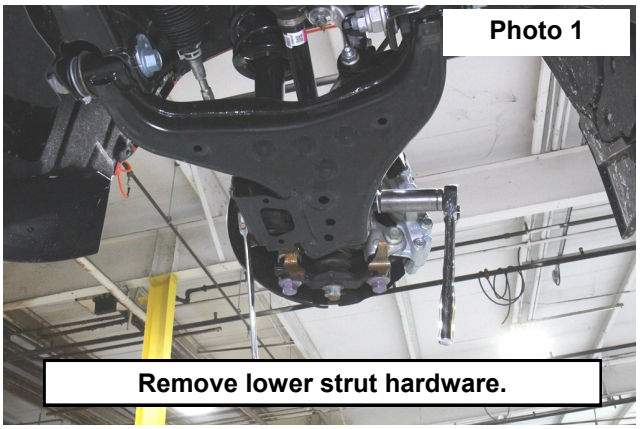
(A) Dr. Side Upper Control Arm
(B) Pass. Side Upper Control Arm
6540BAG

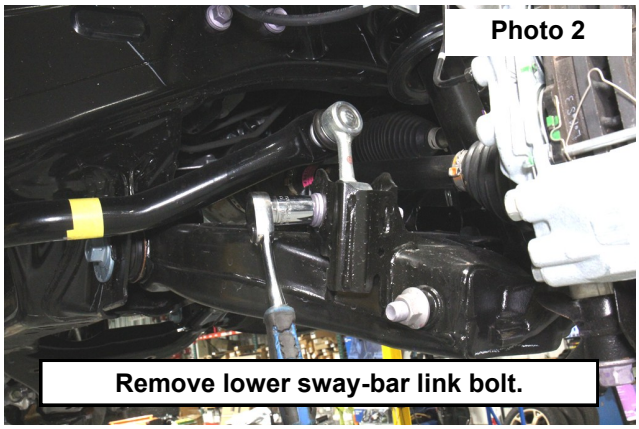


Tools Needed:
Plastic Pry Tool
Pliers
Ratchet Wrench
10mm Wrench or Socket
12mm Wrench or Socket
19mm Wrench or Socket
22mm Wrench or Socket

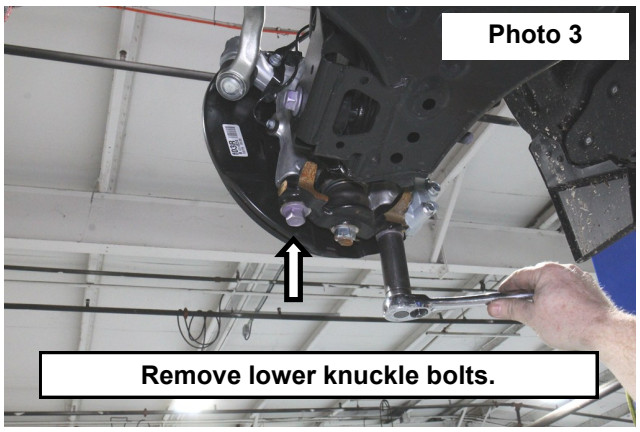
FRONT STRUT REMOVAL

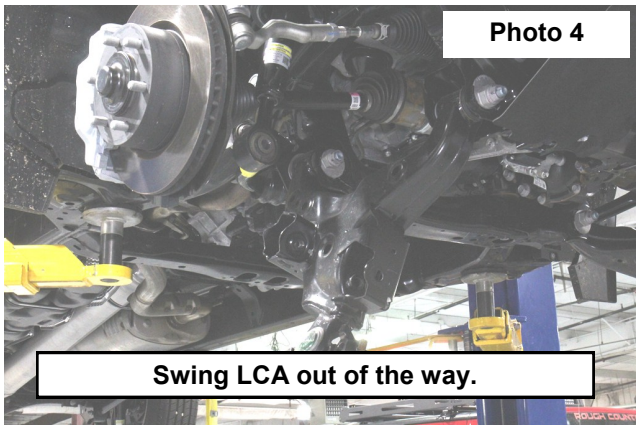
1. Park the vehicle on a level surface and chock the rear wheels.
2. Jack up the front of the vehicle using a floor jack. Place jack stands under the frame rails directly behind the lower control arms and lower the vehicle onto the jack stands.
3. Remove the wheels and tires.
4. Remove lower strut bolt and nut using a 22mm socket and wrench. Retain hardware for reuse. **See Photo 1.**
5. Remove the lower sway-bar link bolt using a 19mm socket. **See Photo 2.**



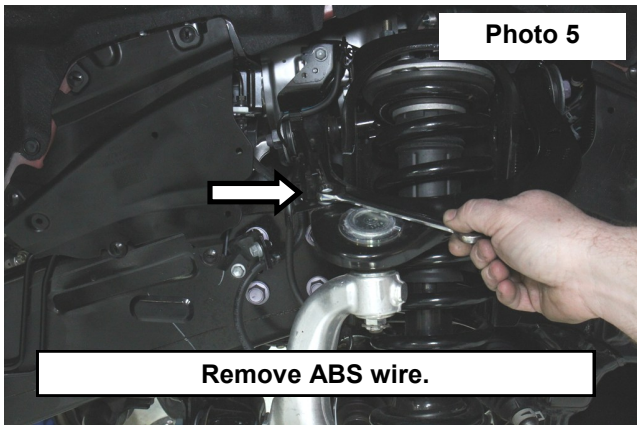


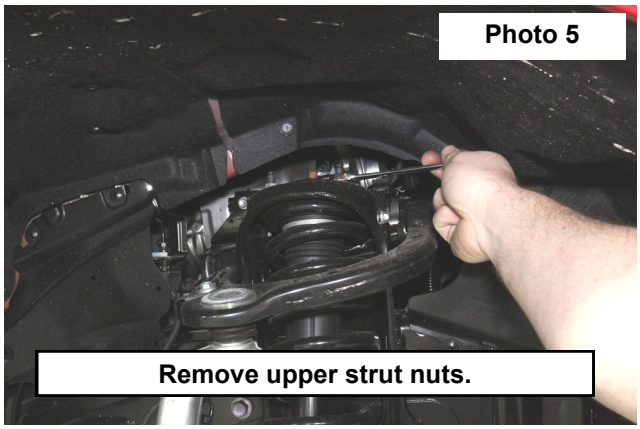
6. Remove the two lower ball joint housing bolts connected to the steering knuckle using a 22mm socket. Retain hardware for reuse. **See Photo 3.**
7. Loosen, but do not remove, the lower control arm bolts using a 24mm wrench. Swing lower control arm out of the way. **See Photo 4.**





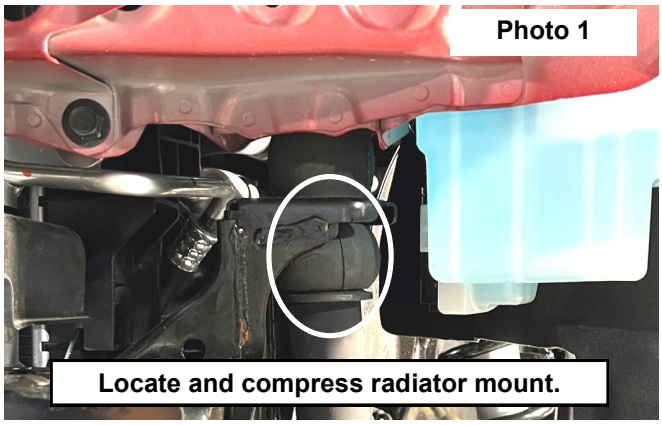
8. Remove ABS wire from UCA using a 12mm wrench. Retain hardware for reuse. **See Photo 5.**
9. Remove the upper strut nuts using a 14mm wrench. Retain hardware for reuse. **See Photo 6.**
10. Remove strut from vehicle.
11. Repeat for other side.

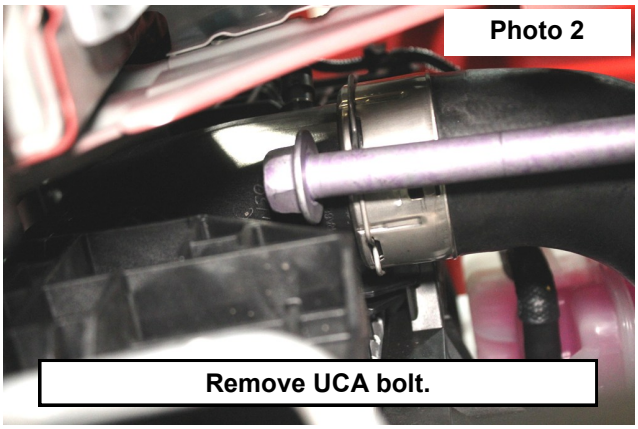


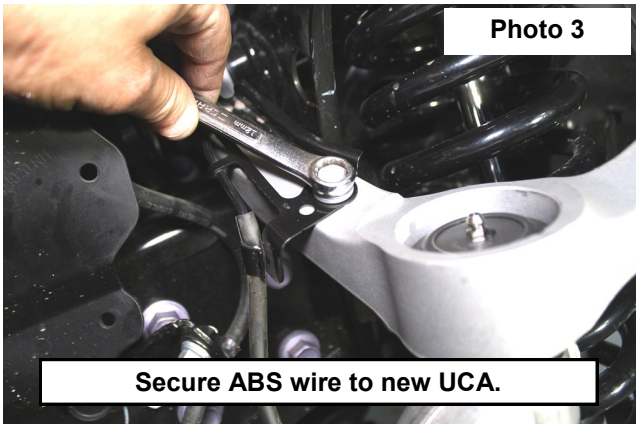


UCA Installation

1. Locate the driver side radiator mount. Use an oversized socket/pipe and a jack to compress the mount bushing. **NOTE:** Grille removed to show location of mount. Removal not necessary for installation. **See Photo 1.**
2. Maneuver the UCA bolt out the front of the vehicle. Retain hardware for reuse. **See Photo 2.**
3. Remove the factory upper control arm.
4. Place the supplied driver side upper control arm into the mounting pockets on the frame of the vehicle and slide the factory upper control arm bolt through. Tighten the upper control arm bolt using the factory nut and tighten with a 22mm wrench.
5. Connect the upper control arm to the steering knuckle using the supplied washer with the factory upper ball joint nut. Tighten with a 19mm wrench.
6. Attach the ABS wire bracket to the supplied upper control arm, using the factory bolt. Tighten with a 12mm wrench. **See Photo 3.**
7. Repeat on the passenger side of the vehicle. **NOTE:** Compressing the radiator support mount is not necessary for the passenger side.
8. Reinstall remaining components in reverse order of disassembly using factory hardware.







POST INSTALLATION

1. Check and recheck all fasteners for proper torque. Check to ensure there is adequate clearance between all rotating, mobile, fixed and heated members. Check clearance between upper control arm and sidewall of tire for proper clearance. Check steering for interference and proper working order. Test brake system.
2. Perform steering sweep. Cycle the steering from full turn to full turn to check for clearance. Failure to perform inspections may result in component failure.
3. Have vehicle aligned to factory specifications.
4. Re torque all fasteners after 500 miles. Visually inspect components and re torque fasteners during routine vehicle service.
5. Adjust headlights to proper settings given increased vehicle height.

MAINTENANCE INFORMATION

It is the ultimate buyers responsibility to have all bolts/nuts checked for tightness after the first 500 miles and then every 1000 miles. Wheel alignment steering system, suspension and driveline systems must be inspected by a qualified professional mechanic at least every 3000 miles.

By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable , 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.