TRAIL FORTRESS

BUILT FOR THE TRAIL. CHECKED FOR YOUR TRUCK.

Rough Country 74401 Installation Instructions

Forged Aluminum Upper Control Arms

Part number: 74401

trailfortress.com/forged-aluminum-upper-control-arms-rough-country-74401

Scan for fitment, price and install help

ROUGH COUNTRY
SUSPENSION SYSTEMS®

Toyota 2005-20 Tacoma OE Upgrade Upper Control Arms

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 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. Check the kit hardware against the parts list on the rear cover of these instructions. 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 question exist we will be happy to answer any questions concerning the design, function, and correct use of our products.

⚠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.

Tools Needed:

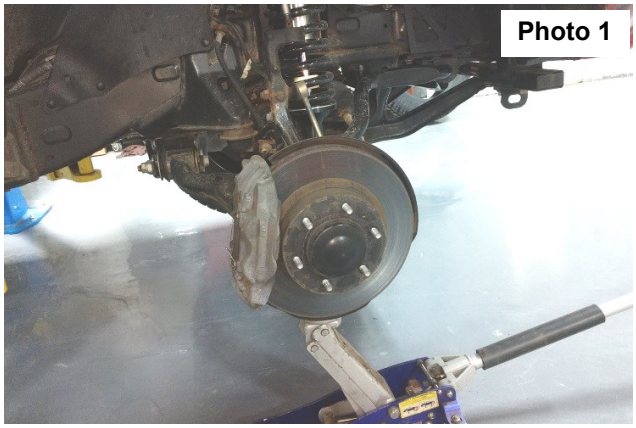
18MM Wrench
15MM Wrench
19mm Wrench & Socket
21MM Wrench
22mm Wrench
11MM Wrench
10MM Wrench
Floor Jack
Jack stands
Strut Compressor
Die Grinder
Reciprocating Saw
Torque Wrench

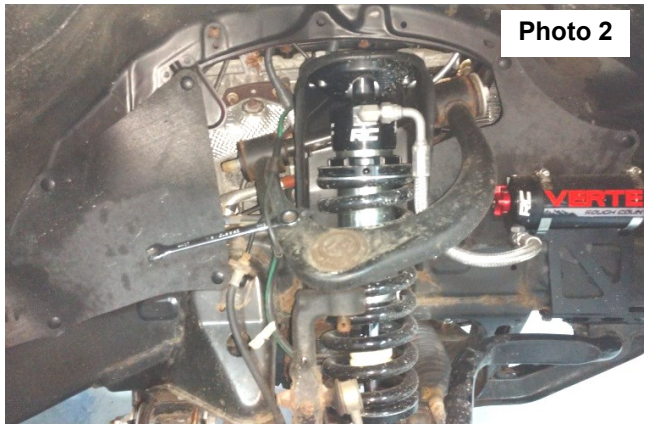
Torque Specs:

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

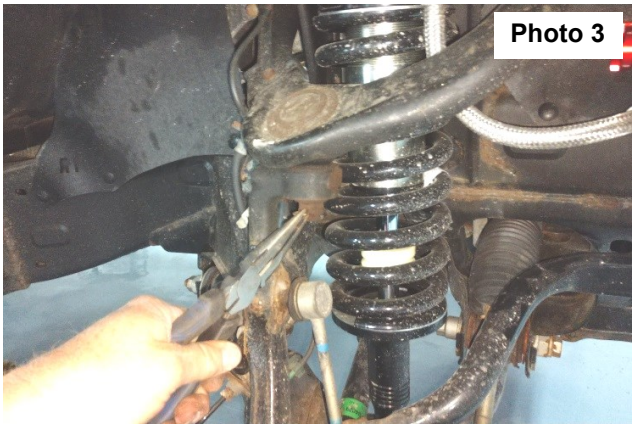
FRONT INSTALLATION

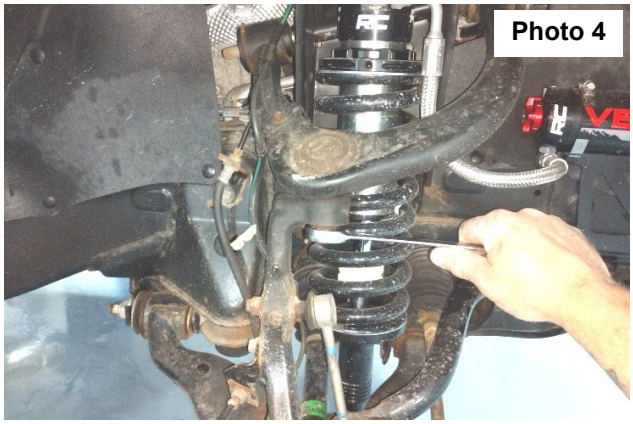
1. Park the vehicle on a level surface and chock the rear wheels.
2. Jack up the front of the vehicle. Place jack stands under the frame rails and lower onto jack stands letting the front suspension hang.
3. Remove the tires and wheels and place a jack under the lower control. **See Photo 1**.
4. Using a 10mm wrench or socket, remove the ABS line and bracket from the upper control arm. **See Photo 2.**





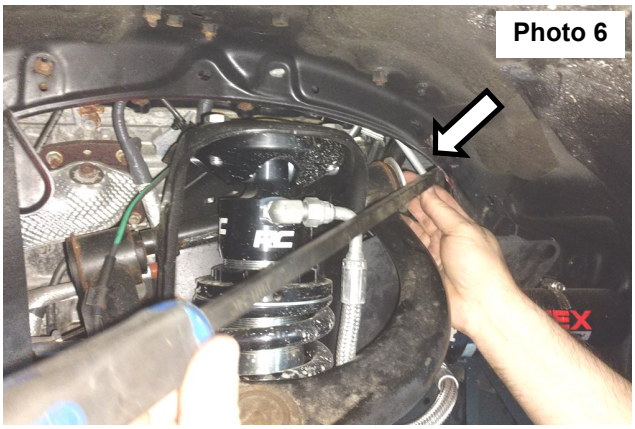
5. Remove the cotter pin from the ball joint. **See Photo 3.**
6. Using a 19mm wrench, loosen the upper ball joint nut. Do Not Remove at this time. **See Photo 4.**
7. Strike the knuckle on the side with a hammer to dislodge the taper lock of the upper ball joint. Remove the ball joint nut and remove the ball joint from the knuckle.



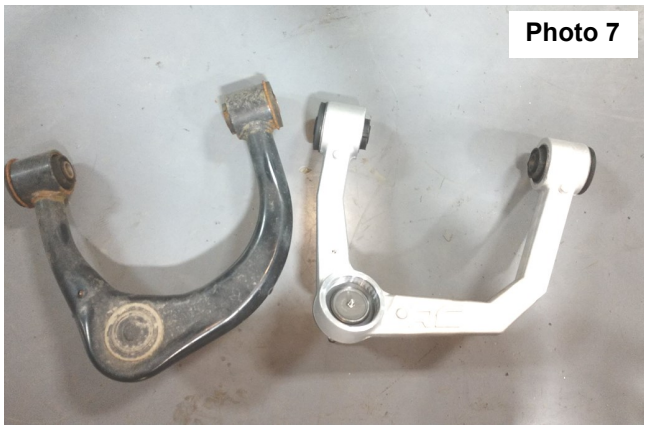


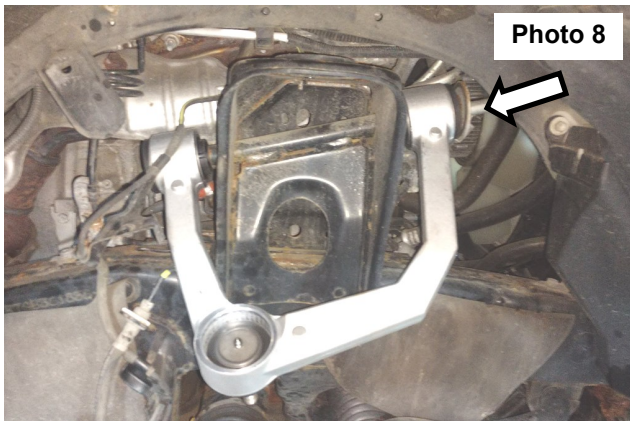
8. Using 19mm wrenches, remove the upper control arm bolt, nut, and washers. **See Photo 5.**
9. You may have to use a pry bar to manipulate the pinch weld, to remove the upper control arm bolt. **See Photo 6.**



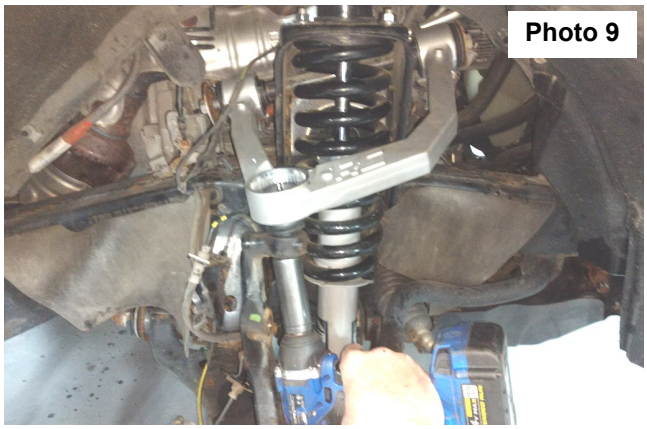


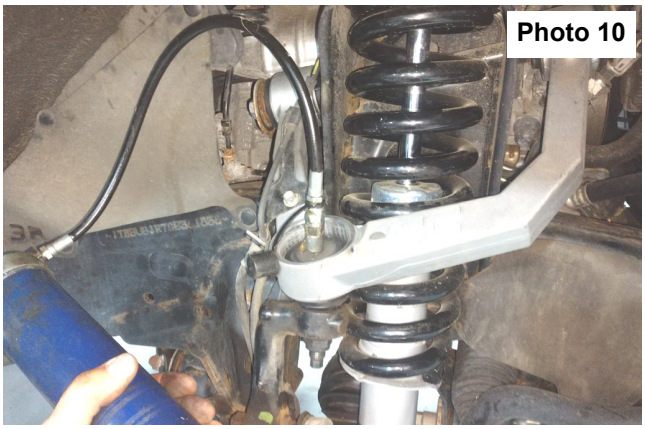
10. Determine the correct upper control arm for the side of the vehicle you are working on. **See Photo 7.**
11. Install the supplied upper control arm using the factory hardware making sure to install the bolt from the front of the vehicle. Torque to factory spec using a 19mm socket & wrench **See Photo 8.**



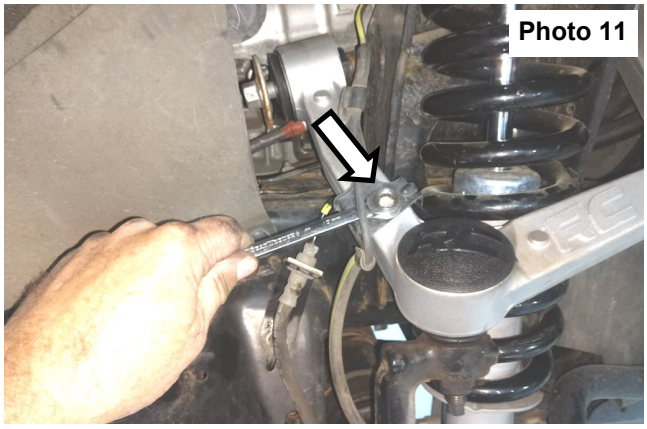


12. Install the ball joint into the knuckle using the supplied hardware. Tighten using a 22mm wrench. **See Photo 9.**
13. Using a grease gun, grease the ball joint. **See Photo 10.** Then, install the supplied ball joint cap.





14. Attach the ABS wire bracket to the new upper control arm using the supplied 6mm x 16mm bolt. Torque to 6ft/lbs or 76 in/lbs using a 10mm socket. **See Photo 11.**
15. Repeat this process on the opposite side of the vehicle.
16. Install wheels and tires and lower the vehicle to the ground.



POST INSTALLATION INSTRUCITONS

1. Lightly grease the ball joints. Do not over grease the ball joint as this could cause ball joint boot failure.
2. Have a qualified alignment center align the vehicle immediately.
3. Wheels must be retighten at 50 miles.
4. All kit components must be retightened at 500 miles and then every three thousand miles after installation. Periodically check hardware for tightness.
5. Install “Warning to Driver” decal on sun visor.
6. On some vehicles the front lower skirting will need to be trimmed if using certain wheel /tire combinations and with heavy offset wheels. Trim only as needed.

KIT CONTENTS:
74201BAG2
2 - 6mm x 16mm Bolt
Dr. Side Upper Control Arm
Pass. Side Upper Control Arm
BJRC02820BAG



Thank you for choosing Rough Country for your suspension needs.

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.