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Rough Country 51037RED Installation Instructions

Red Forged Upper Control Arms for Ford F-150 (2021-2025)

Part number: 51037RED

trailfortress.com/red-forged-upper-control-arms-ford-f150-rough-country-51037red

Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

921510370

Ford 2021-Up F-150 Stock Replacement Control Arms

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:

Driver Side Upper Control Arm x1
Pass Side Upper Control Arm x1

Tools Needed:

15mm Wrench or Socket
18mm Wrench or Socket
21mm Wrench or Socket
Jack
Jack Stands
Hammer

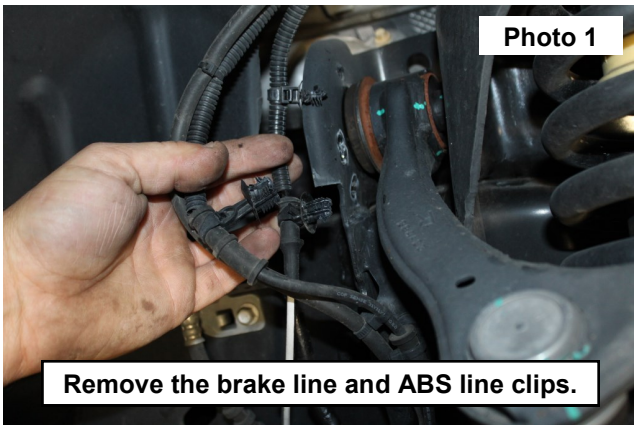


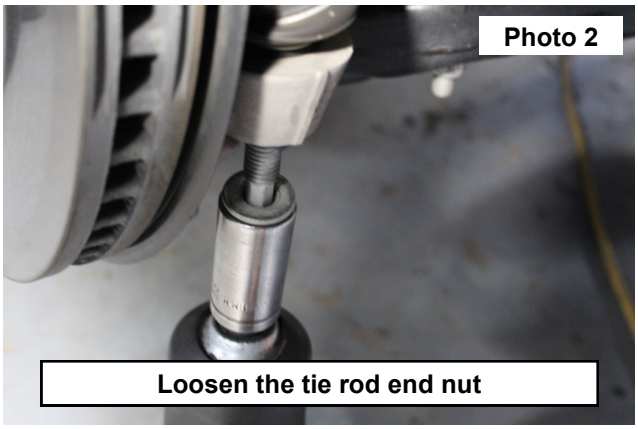
Torque Specs:

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

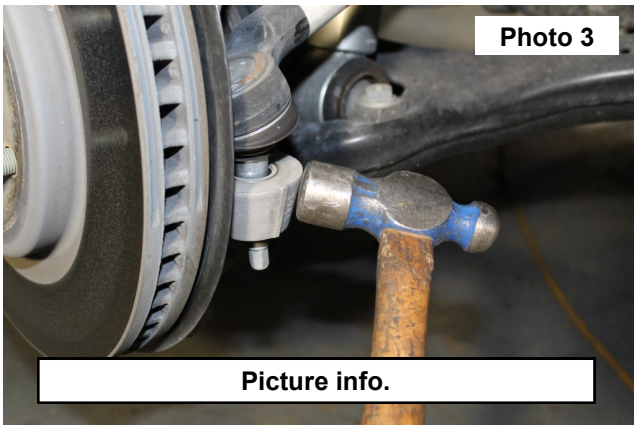
INSTALLATION INSTRUCTIONS

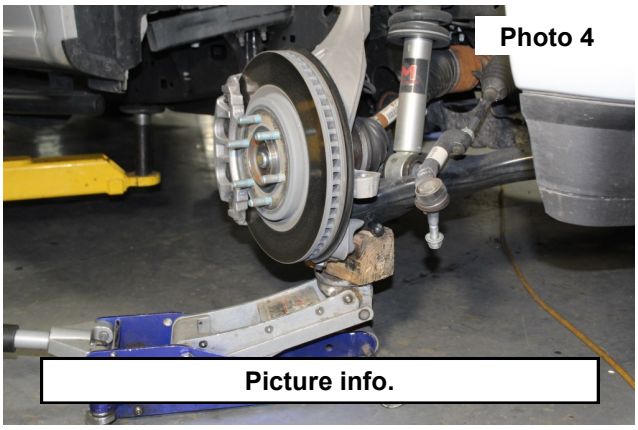
1. Lift the vehicle using a jack. Place jack stands under the frame and lower the vehicle. Remove the front wheels and tires.
2. Remove the brake line and ABS line clips from the upper control arm mount. See Photo. 1
3. Loosen the tie rod end nut using a 21mm socket. See Photo 2.



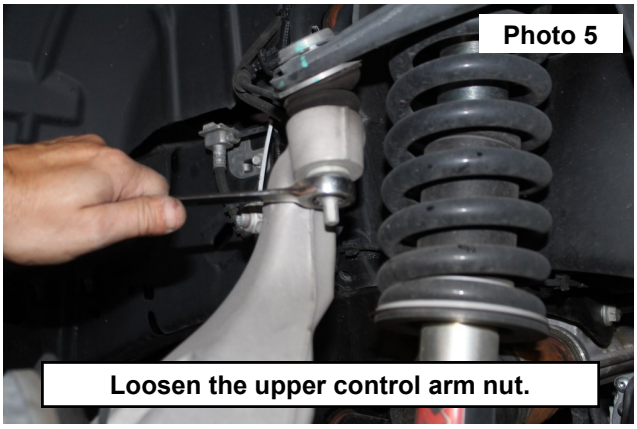


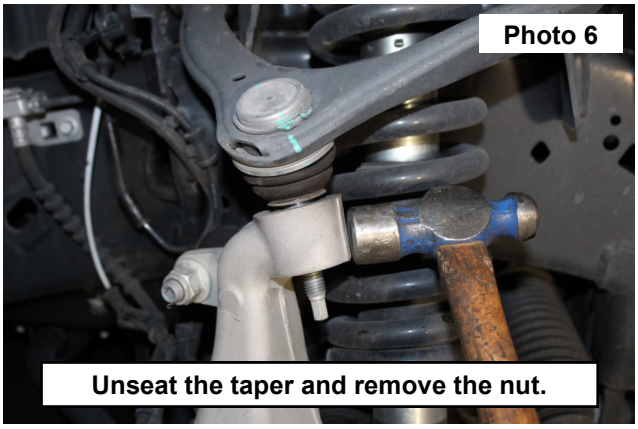
4. Unseat the taper on the tie rod end using a hammer on the side of the boss on the knuckle. Remove the nut and the tie rod end from the knuckle. See Photo 3.
5. Support the lower control arm using a floor jack. See Photo 4.



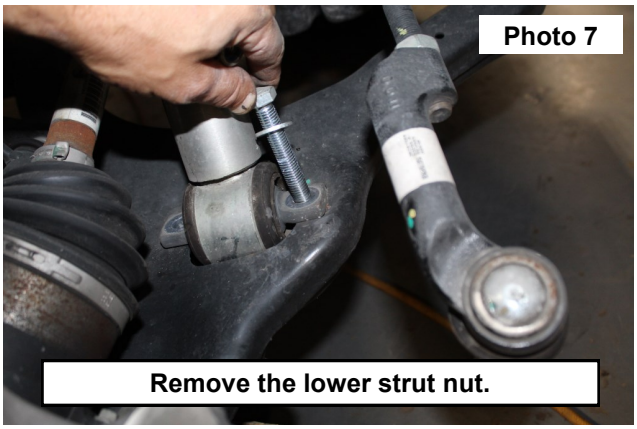


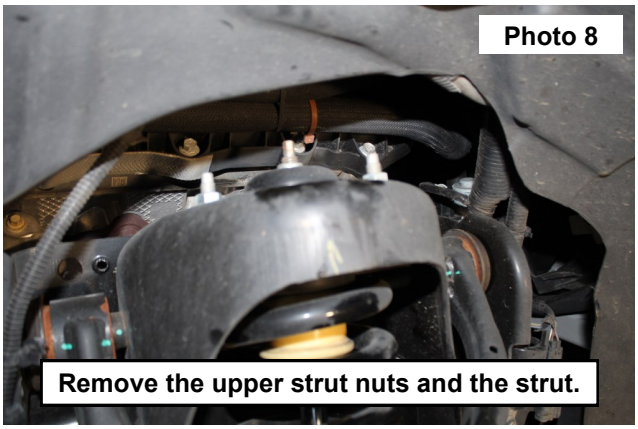
6. Loosen the upper control arm nut using a 18mm wrench. See Photo 5.
7. Unseat the taper on the upper control arm using a hammer on the side of the boss on the knuckle. Remove the nut and lower the jack on the lower control arm removing the ball joint from the knuckle. See Photo 6.



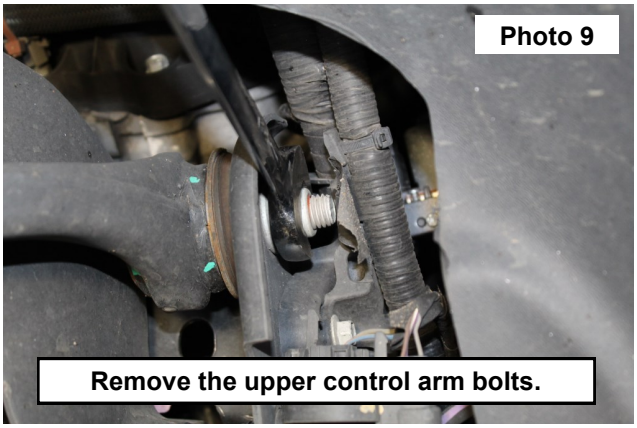


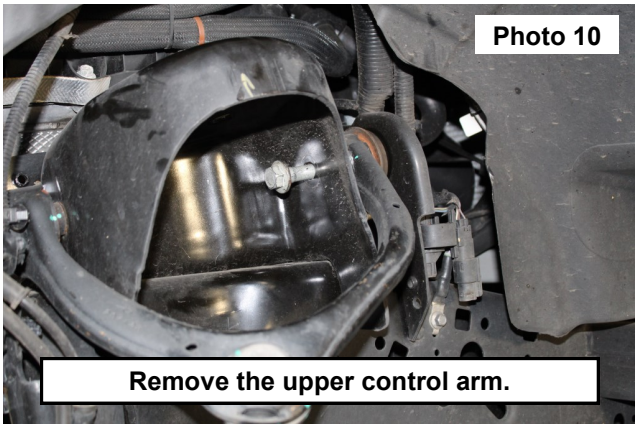
8. Remove the lower control arm, strut bolts using an 18mm socket. See Photo 7.
9. Remove the strut from the vehicle, remove the (3) upper strut bolts using an 18mm wrench. See Photo 8.





10. Remove the upper control arm bolts using an 18mm and a 21mm wrench. See Photo 9.
11. Remove the upper control arm from the vehicle. See Photo 10.





12. Install the new upper control arm using the OE hardware. Note the passenger and driver side arm before installation.
13. Only snug the control arm bolts these will be fully tighten when the vehicle is on the ground. See Photo 12.
14. Reverse the steps 1-9 to complete the install. See Photo 12.

