

ROUGH COUNTRY

SUSPENSION SYSTEMS®

Nissan 2014-20 Rogue Front 2" Strut Kit

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:

2" Lift Struts x2

HARDWARE INCLUDED:

Upper Strut Bolts x6

TOOLS NEEDED:

5mm Allen Wrench
Pliers
14mm Socket
18mm Wrench and Socket
19mm Socket
32mm Socket
Floor Jack
Jack Stand



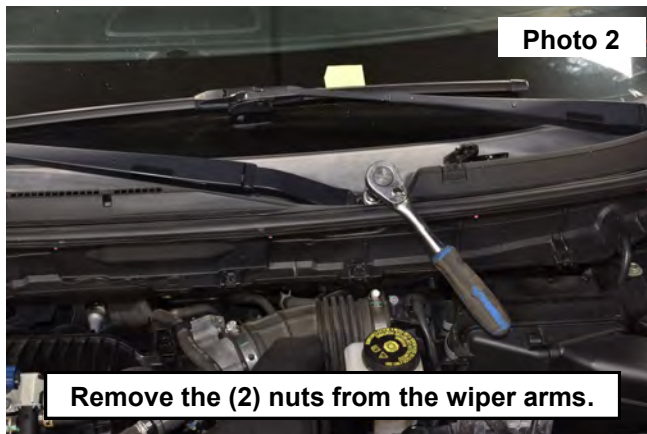
Torque Specs:

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. Remove the wiper arm end cap. **See Photo 1.**
2. Mark the stud and the wiper arm to reset the wiper upon installation.
3. Remove the (2) nuts from the wiper arms using a 14mm socket. **See Photo 2.**



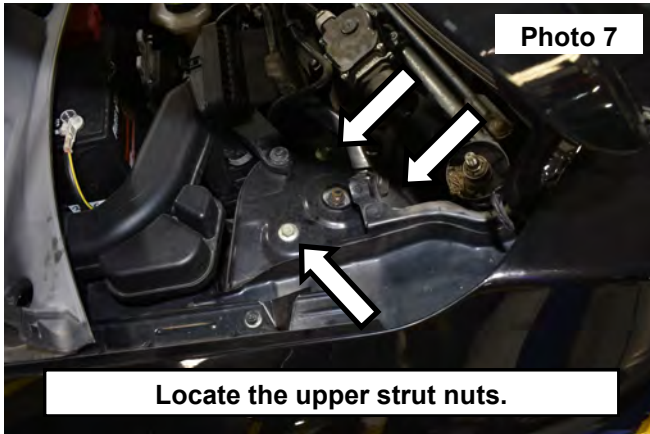
4. Remove the (2) wiper arms and set aside. **See Photo 3.**
5. Using a pry tool, remove the clips on each side of the wiper cowl. **See Photo 4.**



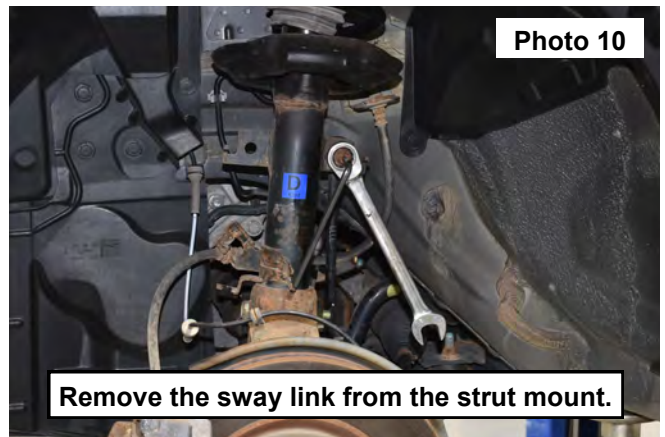
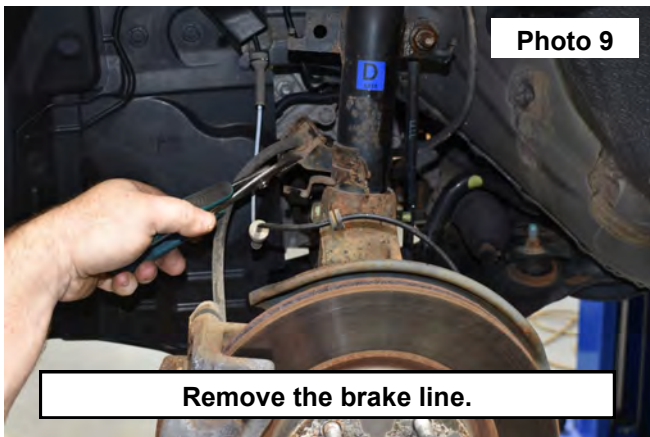
6. Release the (2) clips securing the weather stripping, pull down toward the wiper cowl and remove. **See Photo 5.**
7. Remove the wiper cowl from the vehicle. **See Photo 6.**



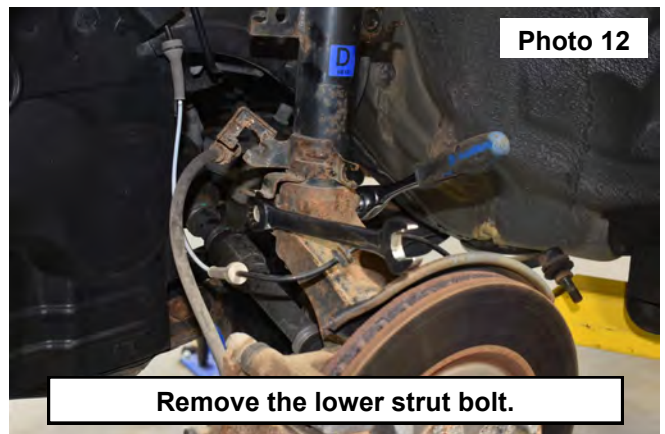
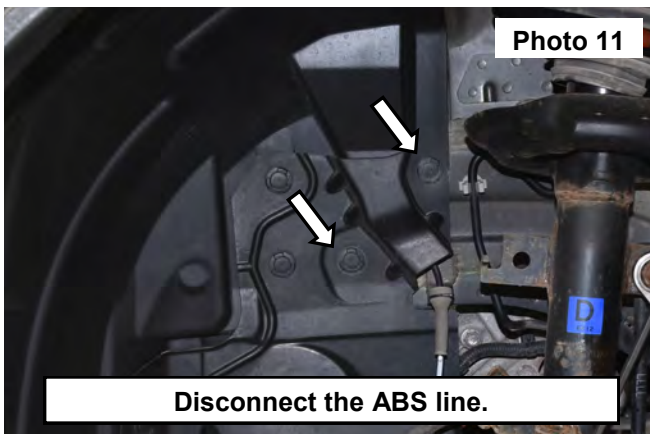
8. Using a floor jack, lift the front of the vehicle up. Place jack stands under the frame and lower onto the ground.
9. Remove the front wheels and tires.
10. Locate the (3) upper strut bolts. Do not remove at this time. **See Photo 7.**
11. Remove the ABS line from the strut brackets. **See Photo 8.**



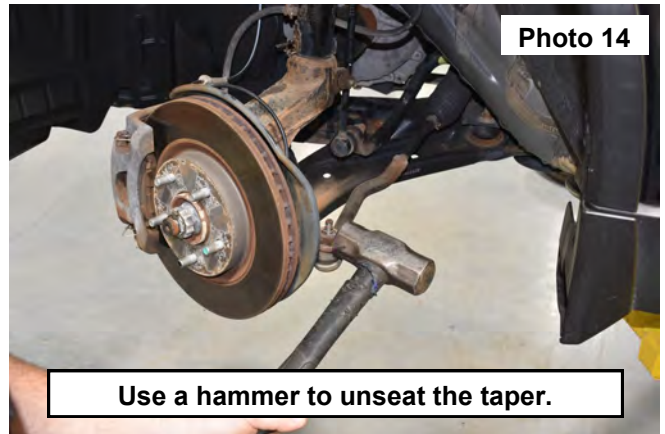
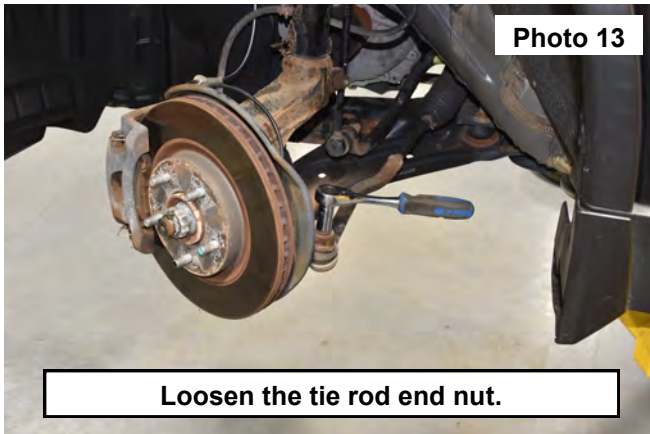
12. Remove the brake line clip from the strut mount using pliers. Release the brake line from the mount. **See Photo 9.**
13. Remove the sway link from the strut mount using a 5mm allen wrench and a 18mm wrench. **See Photo 10.**



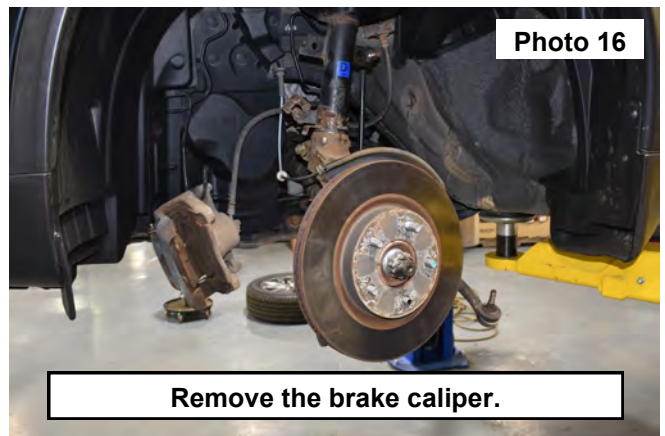
14. Remove the (2) clips from the inner fender, pull back the covering and then unplug the ABS sensor wire and remove it from the inner fender bracket. **See Photo 11.**
15. Using an 18mm wrench and socket, remove the lower strut bolt. **See Photo 12.**



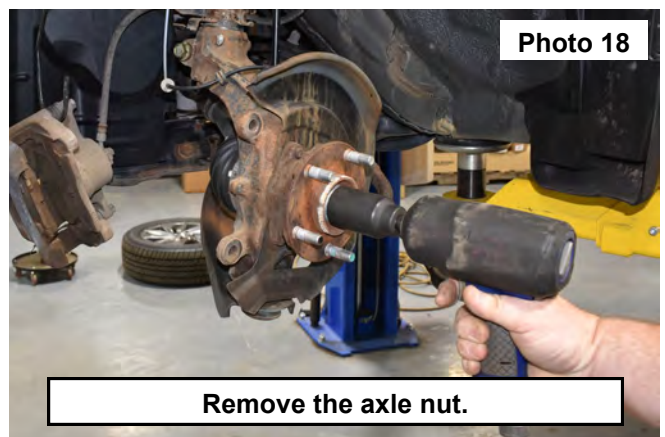
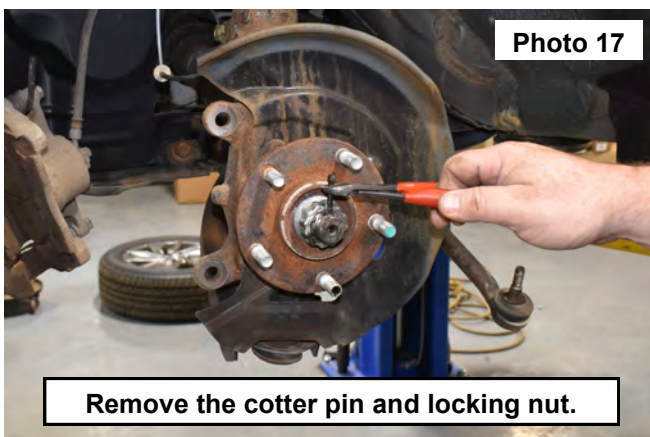
16. Loosen the tie rod end nut. Unseat the taper using a hammer striking the front of the tie rod end boss. Use a hammer. Remove the nut and separate. **See Photos 13 and 14.**



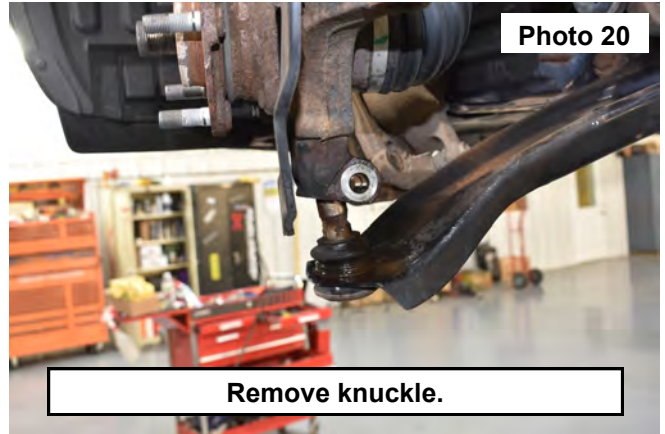
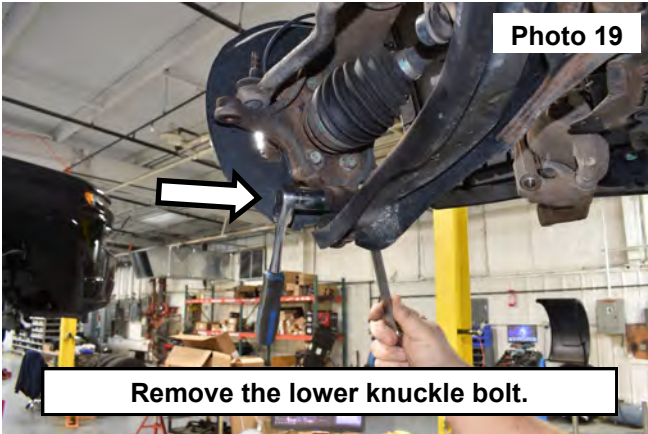
17. Remove the (2) brake caliper bolts using a 19mm socket. **See Photo 15.**
18. Remove the brake caliper and hang by a hook. **See Photo 16.**



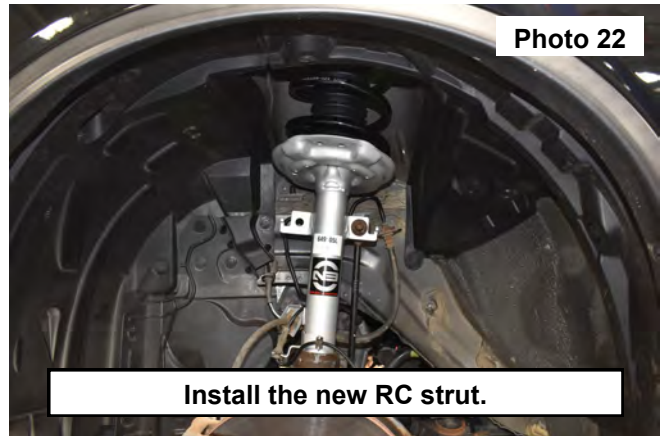
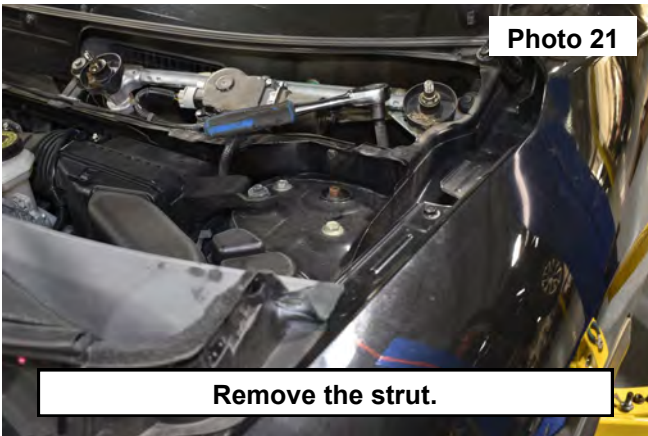
19. Remove the cotter pin using pliers. Remove the locking nut. Retain hardware. **See Photo 17.**
20. Using a 32mm socket, remove the axle nut. **See Photo 18.**



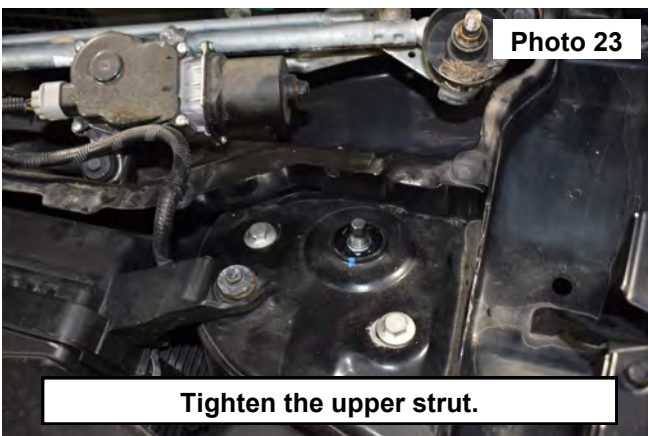
21. Remove the lower knuckle bolt using a 18mm wrench and socket. **See Photo 19.**
22. Lift the knuckle off the lower ball joint and remove from the axle. Set aside off of the vehicle. **See Photo 20.**



23. Support the strut. Remove the (3) upper strut bolts using a 14mm socket. **See Photo 21.**
24. Install the new RC strut into the upper strut mount and secure using the (3) supplied bolts. Tighten using a 14mm socket. **See Photos 22 and 23.**



25. Using previous steps 20-15 as reference, reinstall knuckle.
26. Secure ABS wire, brake line and sway link to new strut. Use previous steps 14-10 as reference. **See Photo 24.**
27. Install the wheels and tires onto the vehicle. Lift the vehicle using a floor jack and remove the jack stands. Then lower onto the ground.
28. Reinstall wiper cowl and wipers using previous steps 7-1 as reference.





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