



NISSAN 2014-20 Rogue 1.5” Kit

Thank you for choosing Rough Country for all your vehicle 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. Check all fasteners for proper torque. Check to ensure for adequate clearance between all components. Periodically check all hardware for tightness.

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

⚠ WARNING

PRODUCT USE INFORMATION

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.

This suspension system was developed using a 255/65R17, tire on 8” wheels with a +38mm offset. Factory wheels and tires can be used. **Note** if wider tires are used, offset wheels will be required and trimming will be required.

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.

Tools Needed:

- 10mm Socket/Wrench
- 13mm Socket
- 14mm Socket/Wrench
- 16mm Socket
- 18mm Socket/Wrench
- 19mm Socket/Wrench
- 21mm Wrenches
- 30mm Socket
- Paint pen or sharpie
- Screw Driver
- Jack/Jack Stands

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



KIT CONTENTS:

Front 1.5" Spacer x2
Front Swaybar Extension Brackets x2
Rear Coil Spring Spacer x2

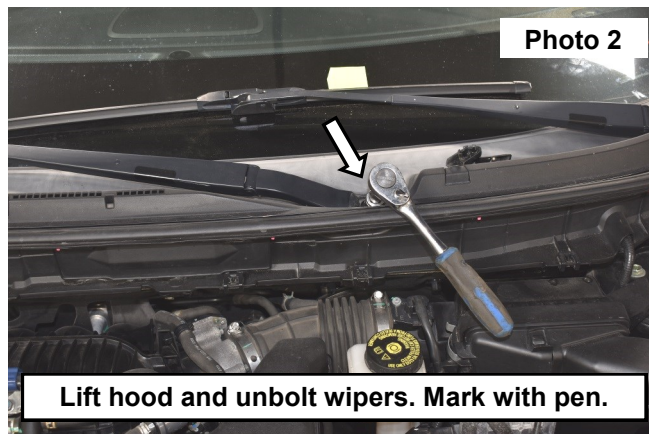
HARDWARE INCLUDED:

M12-1.75x35MM Hex Head Bolt x2
M12 Flat Washer x4
M12-1.75 Nut x2
M8-1.25x60MM Hex Head Bolt x6
M8 Flat Washer x6
M8 Lock Washer x6



FRONT INSTALLATION INSTRUCTONS

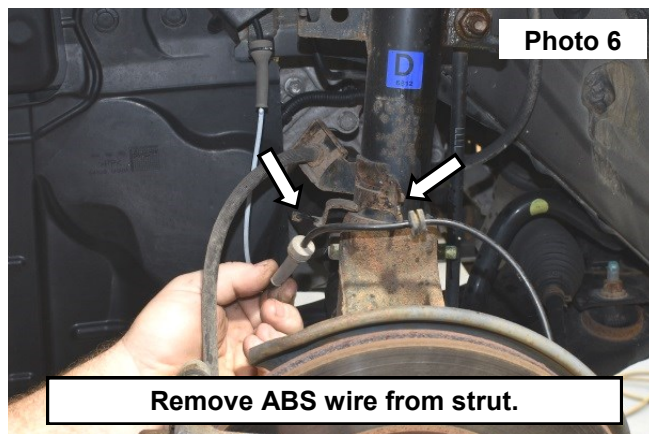
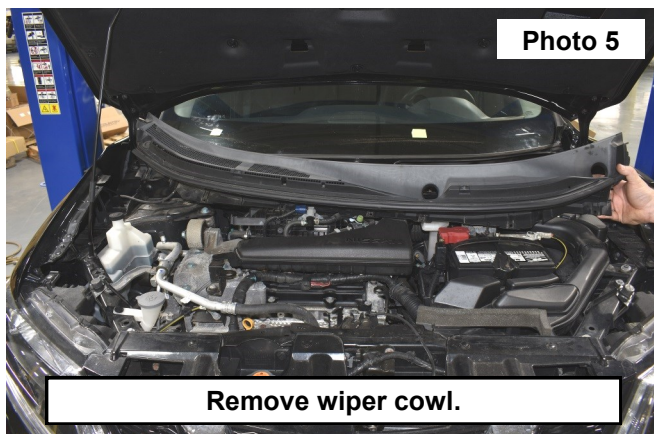
1. Park the vehicle on a level surface and chock the rear wheels. Lock the steering wheel in the straight position.
2. Jack up the front of the vehicle. Place jack stands under the frame rails and lower onto jack stands letting the front suspension hang.
3. Remove the tires and wheels.
4. Remove the nut cap off the base of the windshield wipers with a flathead screwdriver. **See Photo 1.**
5. Lift the hood and unbolt the windshield wipers using a 14mm socket. **See Photo 2.**
NOTE: Mark the windshield wipers and splined bolt with a paint pen or sharpie before removing so it can installed in the correct position.



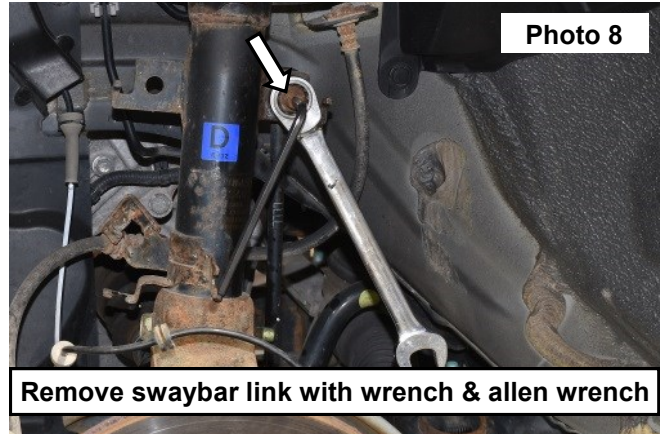
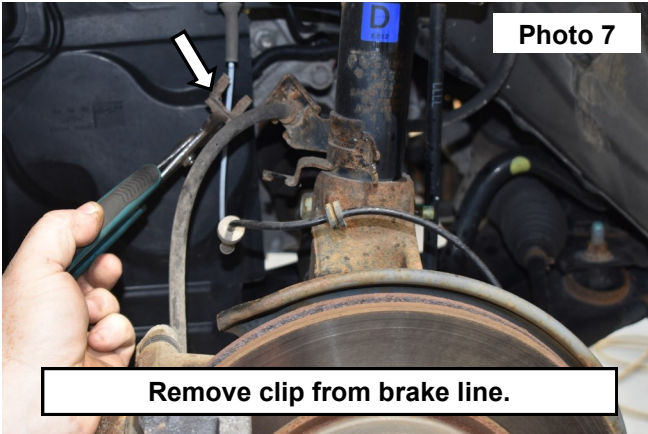
6. Use flathead to release clip on wiper cowl. **See Photo 3.**
7. Pull the side cover up and away from the windshield. **See Photo 4.**



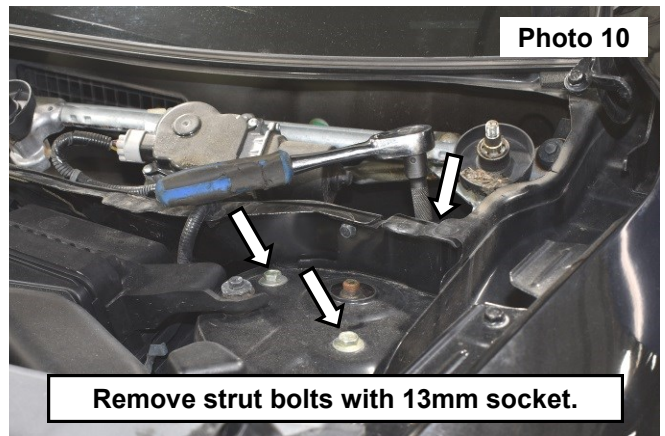
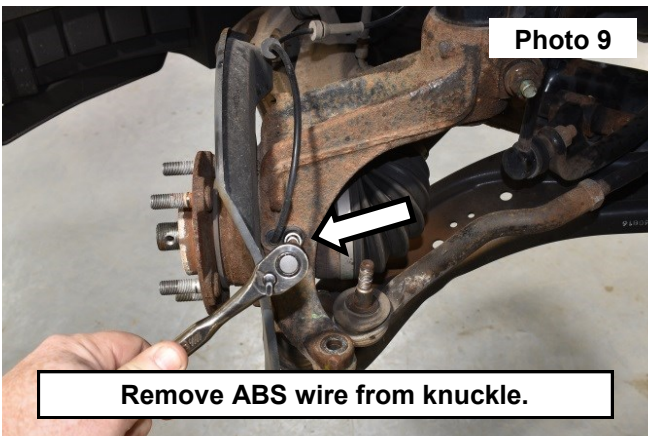
8. Remove the wiper cowl. **See Photo 5.**
9. Remove the ABS wire from the strut. **See Photo 6.**



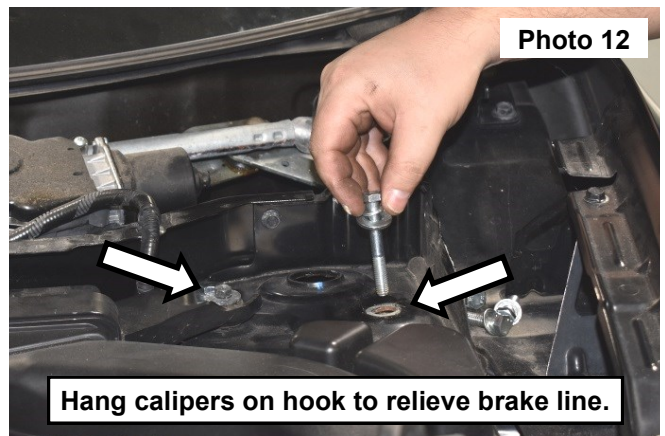
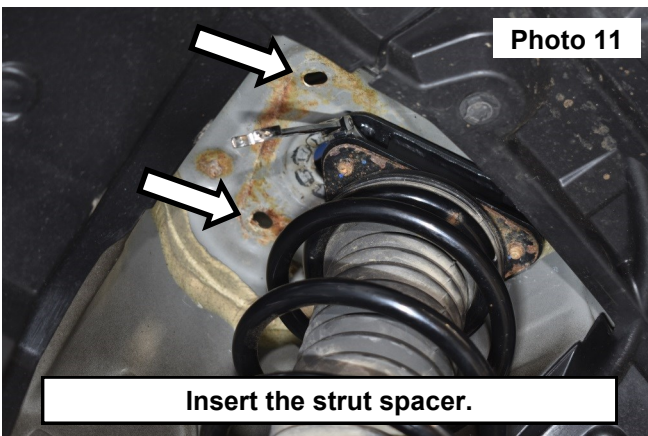
10. Remove the clip from the brake line. **See Photo 7.**
11. Remove the swaybar link using a wrench and Allen wrench. **See Photo 8.**



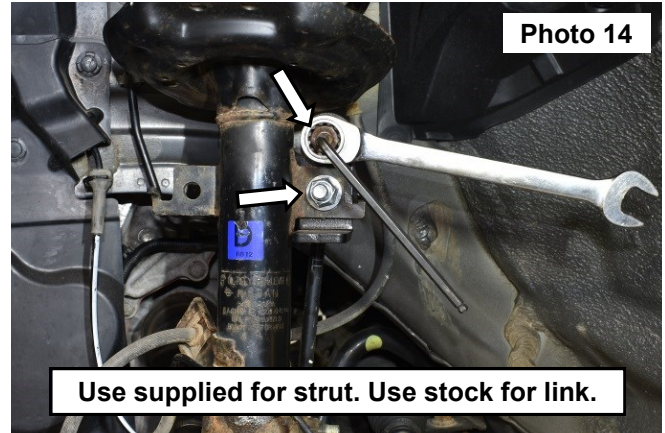
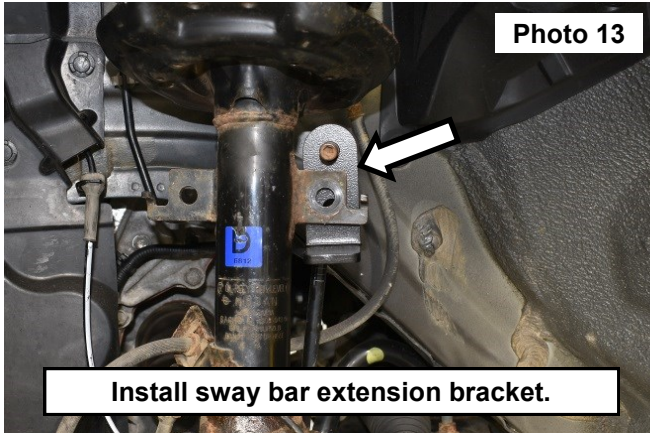
12. Remove the ABS wire from the knuckle using a 10mm socket/wrench. **See Photo 9.** If the sensor will not come out, unplug the wire from the frame side.
13. Remove the three bolts on the upper strut using a 13mm socket to drop the strut. **See Photo 10.**



14. Insert the strut spacer between the upper strut mount and strut and align the wholes. **See Photo 11.**
NOTE: You may have to loosen the lower control arm bolt (21mm wrench) to gain enough clearance to install the spacer.
15. Install the supplied M8-1.25x60MM bolts, and 0.3125 washers through the strut mount, strut spacer, and upper strut using a 13mm socket. **See Photo 12.**



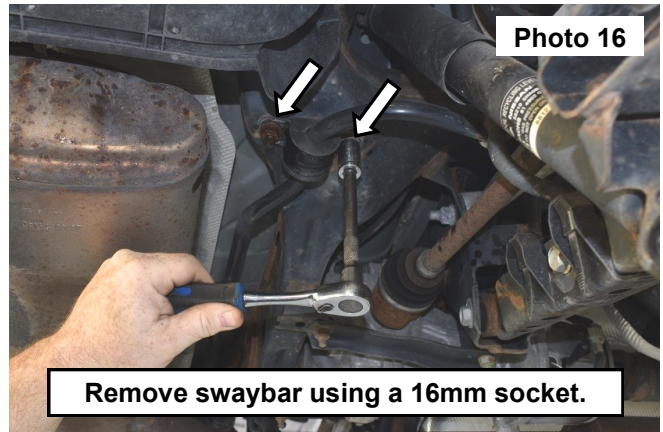
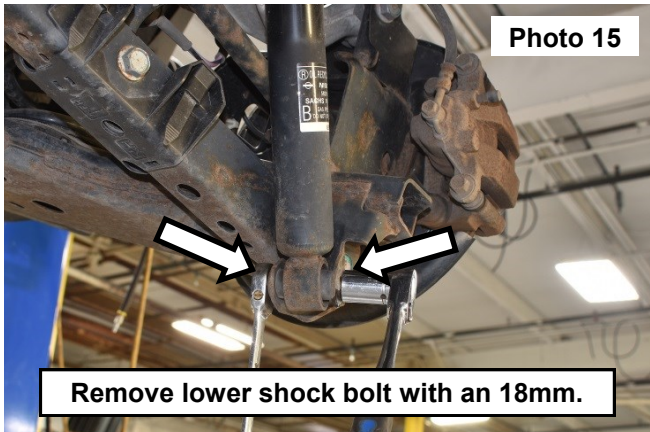
16. Install the swaybar extension bracket to the swaybar link. **See Photo 13.**
17. Install the supplied M12-1.75x35mm bolt, nut and washers through the bracket to the strut using an 18mm and 19mm socket/wrench. Tighten the swaybar link to the extension bracket using stock hardware. **See Photo 14.**



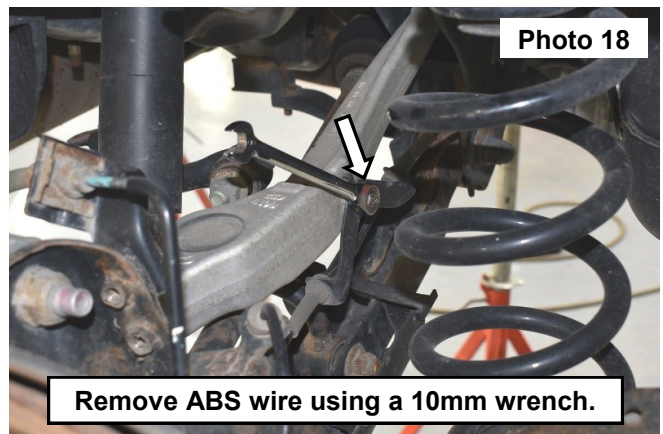
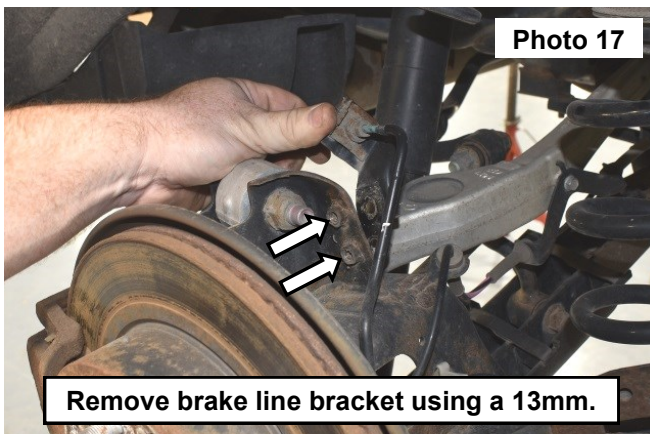
18. Reinstall the ABS wire and brake line clip.
19. **Repeat steps 9-18 for the other side of the vehicle.**
20. Put wheels on and lower vehicle. **NOTE: With the weight now on the struts, retighten all the strut bolts.**
21. Reinstall the windshield wiper cowl and windshield wipers.
22. Put on wheels and lower front end.

REAR INSTALLATION INSTRUCTONS

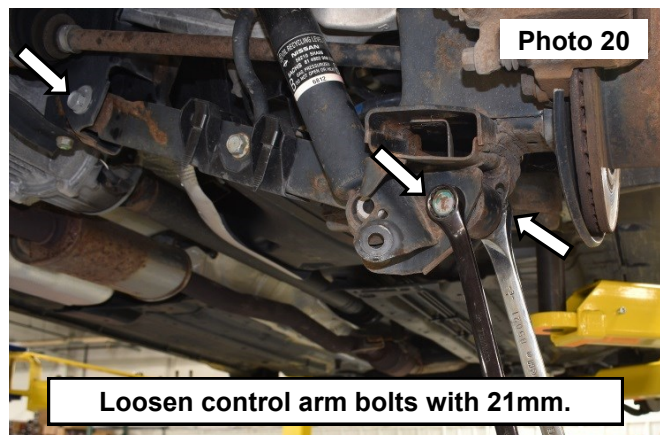
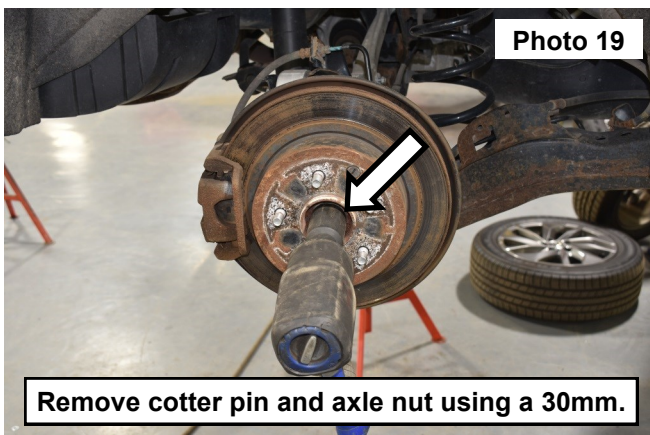
1. Jack up the rear of the vehicle. Place jack stands under the frame rails and lower onto jack stands letting the rear suspension hang.
2. Remove the tires and wheels.
3. Remove the lower shock bolt using a 18mm socket/wrench. **See Photo 15.**
4. Remove the swaybar from frame using a 16mm socket. **See Photo 16.** (Swaybar will hang on the swaybar links).



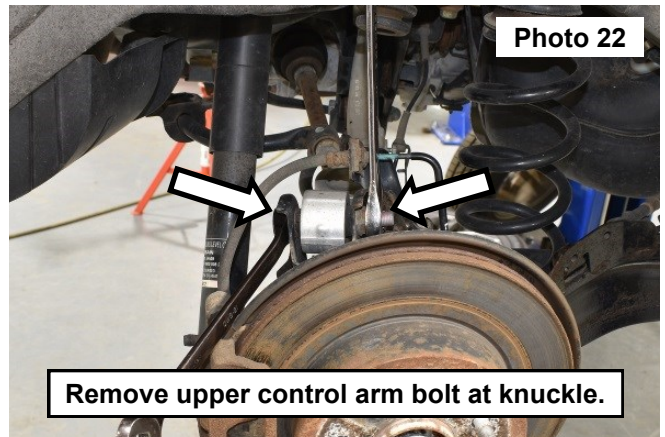
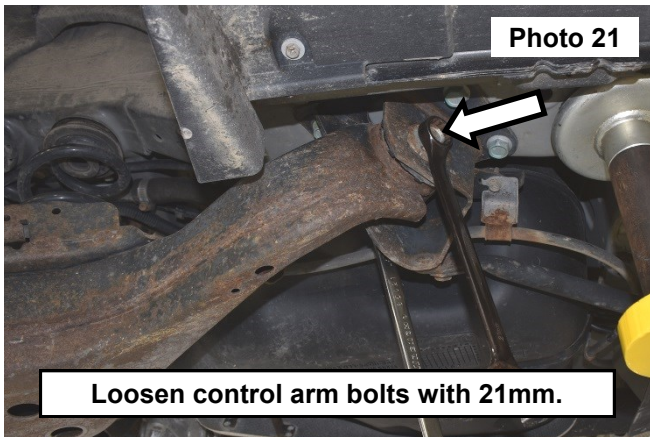
5. Remove the brake line bracket using a 13mm socket/wrench. **See Photo 17.**
6. Remove the ABS wire from the upper control arm using a 10mm wrench. **See Photo 18.**



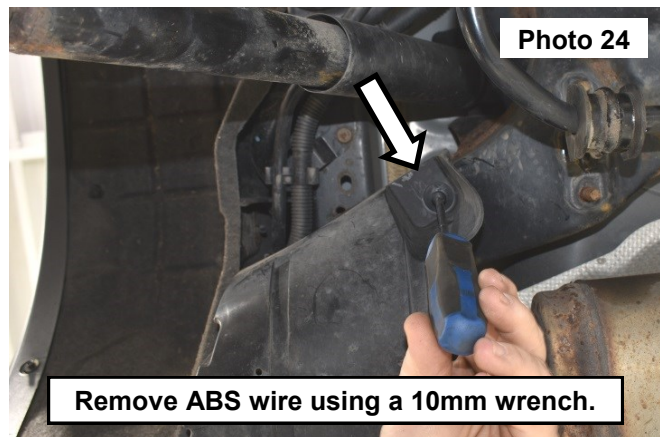
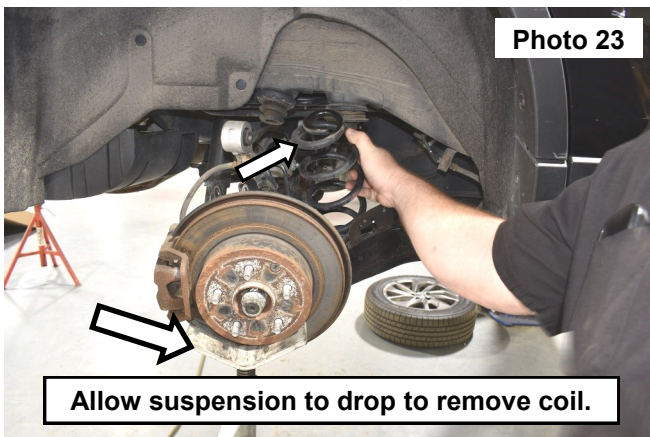
7. Remove the cotter pin with pliers and remove the axle nut using a 30mm socket. **See Photo 19.**
8. Loosen but do NOT remove all the control arm bolts using 21mm wrenches. **See Photos 20-21.**



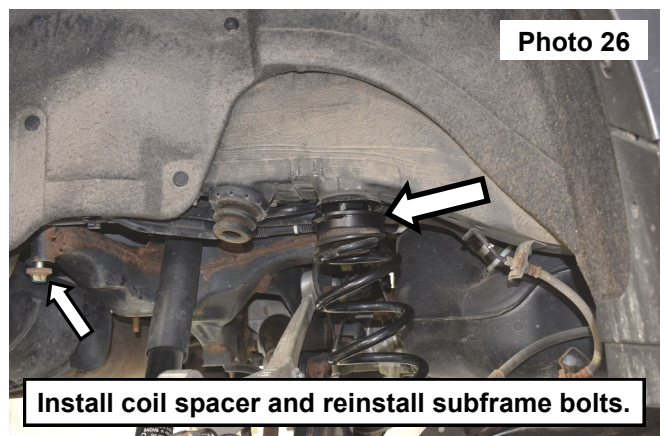
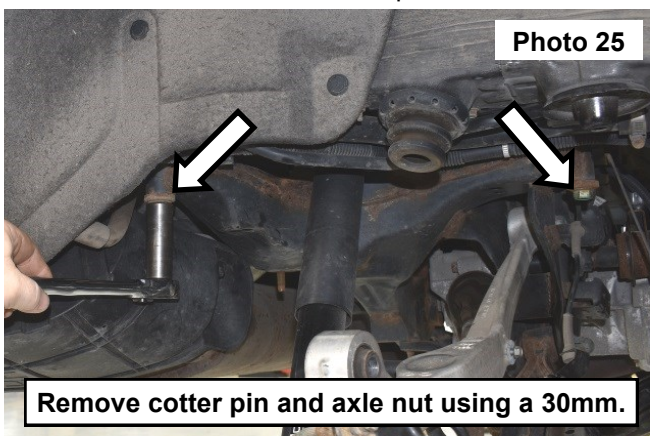
9. Remove the upper control arm bolt at the knuckle using 21mm wrenches. **Photo 22.**



10. Allow the suspension to drop just enough to remove the coil spring. Support with a jack stand. **See Photo 23.**
NOTE: Be careful that the inner CV boot does not pull apart.
11. Remove clip from rear plastic cover using a screw driver. **See Photo 24.**



12. Loosen the two bolts holding the subframe on the driver and passenger side of the vehicle using a 19mm socket/wrench and support the subframe. Then remove the two bolts only on the side of the vehicle you're working on. **See Photo 25.**
13. Install the coil spring with the coil spacer in the pocket. Then reinstall the subframe bolts but don't fully tighten until other side of the vehicle is complete. **See Photo 26.**



14. **Repeat steps 3-13 for the other side of the vehicle.**
15. Reinstall and tighten everything.
16. Lower vehicle.



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