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Rough Country 40100 Installation Instructions

1.5-Inch Lift Kit for 2021–2025 Ford Bronco Sport AWD

Part number: 40100

trailfortress.com/rough-country-1-5-inch-lift-kit-40100

Scan for fitment, price and install help

921401000D

ROUGH COUNTRY SUSPENSION SYSTEMS®



FORD 2021-23 Bronco Sport 1.5” Lift 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. 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.
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.

PRODUCT USE INFORMATION

⚠WARNING The taller a vehicle is, the easier it will roll. We strongly recommend, because of rollover possibility that seat belts and shoulder harnesses should be worn at all times. Avoid situations where a side rollover may occur.

⚠WARNING 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 them concerning the design, function, and correct use of our products.

The suspension system was developed using a 245-65/17 tire with 17 x 8 wheel with +38mm Offset. The lifts were designed to lift the front to level the vehicle. Due to manufacturing, dimension variances, and inflation all tire and wheel combinations should be tested prior to installation on all oversized / wider then stock tires

⚠NOTICE **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.

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

trailfortress.com/rough-country-1-5-inch-lift-kit-40100

Kit Contents:
Front Strut Spacer x2
Front Swaybar Links x2
Front Swaybar Bracket x2
Rear Coil Spacer x2
Rear Trailing Arm Drop Spacer x4

Tools Needed:
8MM Socket/Wrench
10MM Socket/Wrench
13MM Socket/Wrench
15MM Socket/Wrench
18MM Socket/Wrench
19MM Socket/Wrench
21MM Socket/Wrench
T40 Torx Bit
Trim remover tool
Sander

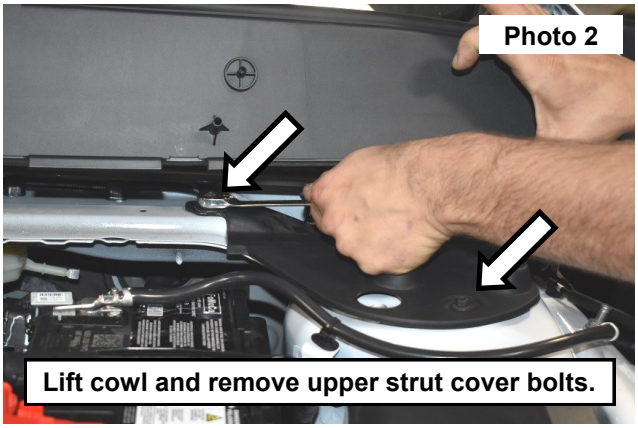
Hardware Included:
8MM-1.25x25MM Bolts x6
5/16” Flat Washers x6
5/16” Lock Washers x6
14MM-2.0x60MM Bolts x4
9/16” Flat Washer x4
9/16” Lock Washer x4
12MM-1.75x35MM Bolts x2
12MM-1.75 Flange Lock Nut x2
1/2”-20 Jam Nuts x4



FRONT INSTALLATION INSTRUCTONS

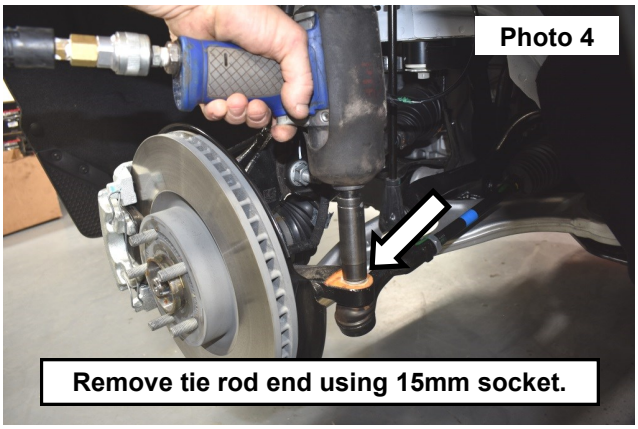
1. Lift the hood and remove the clips securing the wiper cowl. **See Photo 1**.
2. Lift up the cowl and remove the bolts for the upper strut cover using a 10mm wrench. **See Photo 2**.



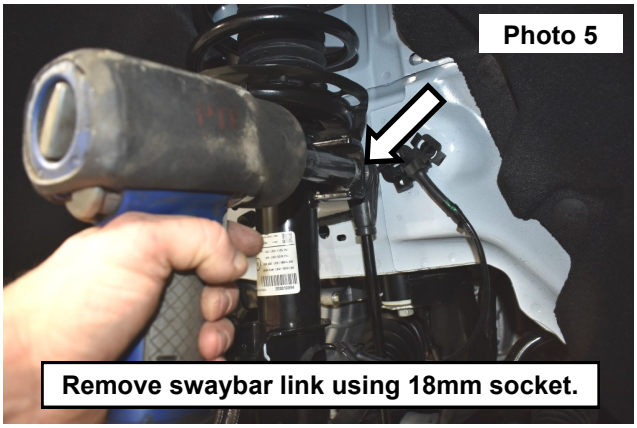


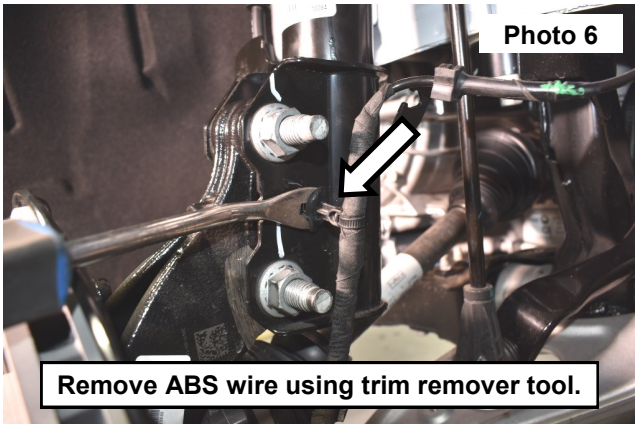
3. Remove upper strut cover. **See Photo 3**.
4. Jack up the vehicle and set on jack stands. Remove the wheels.
5. Remove the tie rod end using a 15mm socket/wrench. **See Photo 4**.



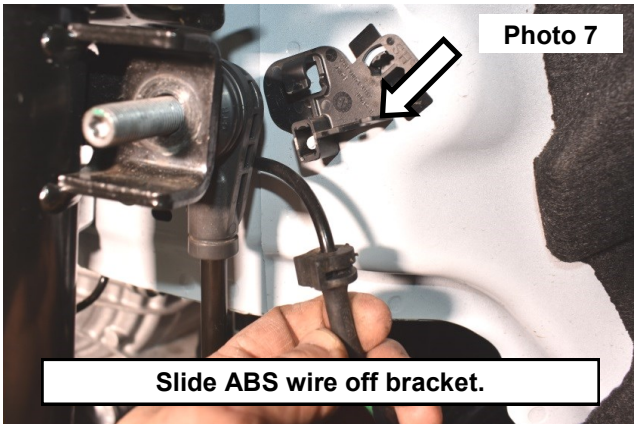


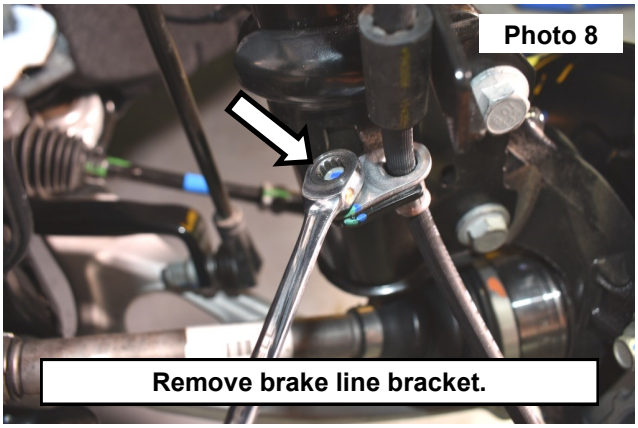
6. Remove the swaybar link using a 18mm socket/wrench. **See Photo 5**.
7. Remove ABS wire push pin from the knuckle using a trim remover tool. **See Photo 6**.



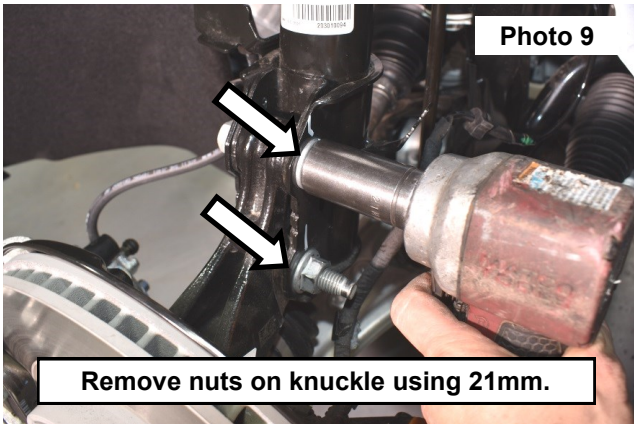


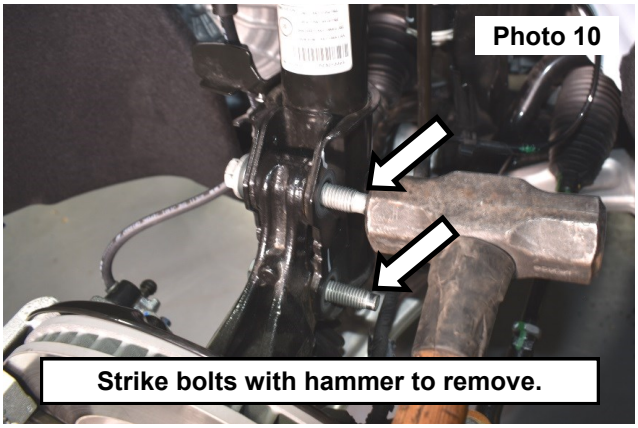
8. Slide the ABS wire off the bracket from the frame. **See Photo 7**.
9. Remove the brake line bracket using a 8mm wrench. **See Photo 8**.



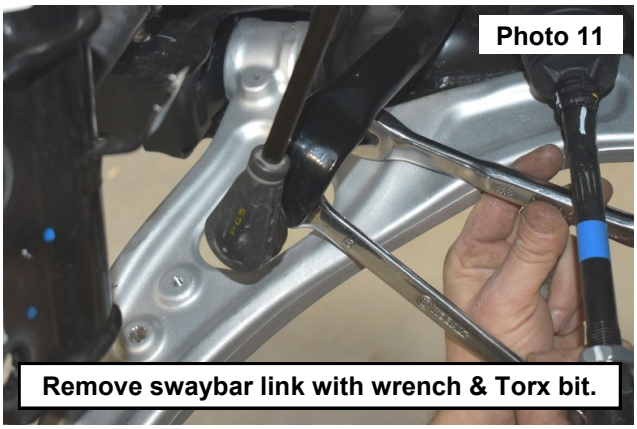


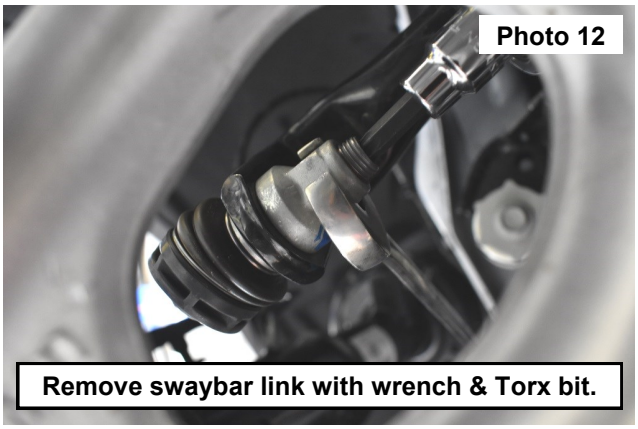
10. Remove the nuts on the knuckle using a 21mm socket/wrench. **See Photo 9**.
11. Strike bolts with a hammer to remove. **See Photo 10**.



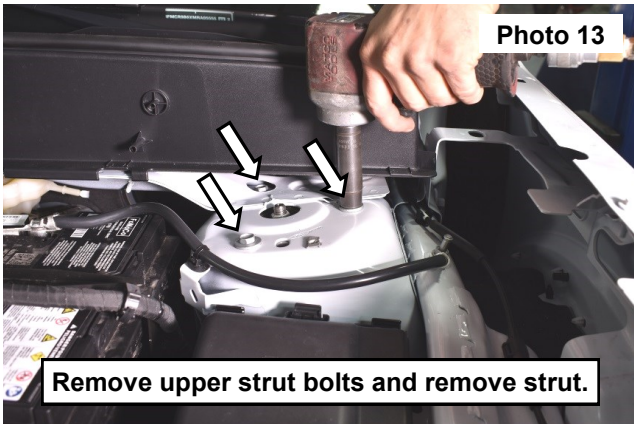


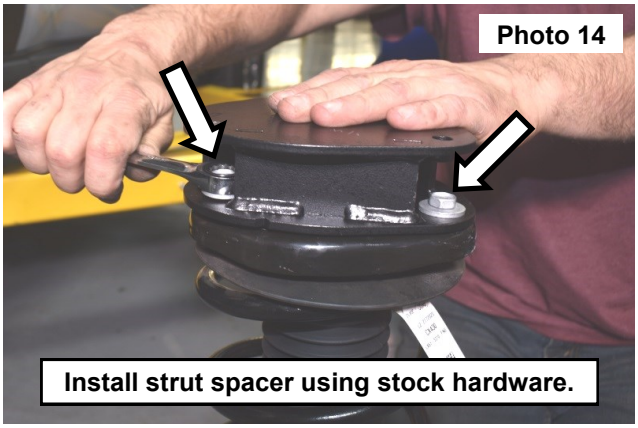
12. Remove swaybar link using a 18mm wrench and a T40 Torx bit. **See Photo 11** and **Photo 12**.



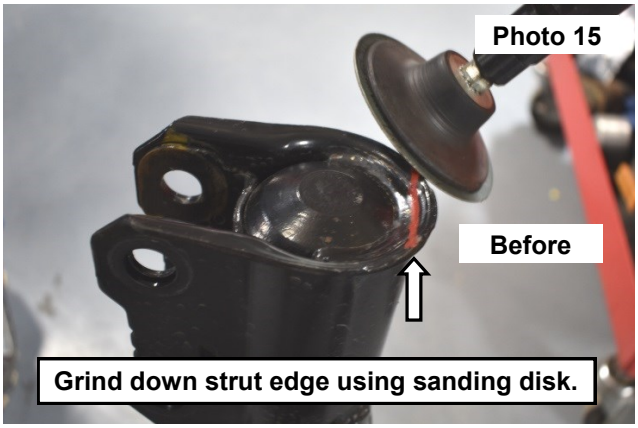


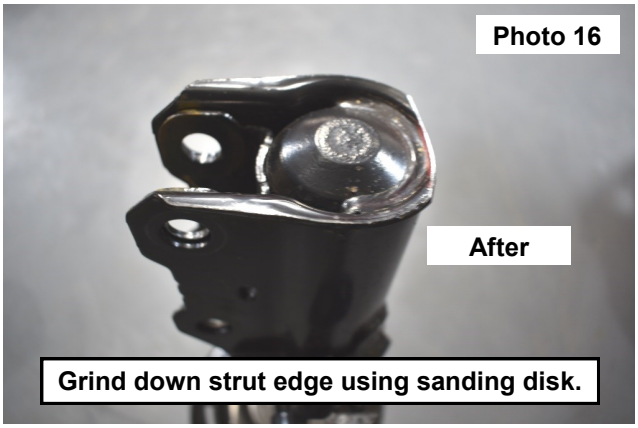
13. Remove upper strut bolts using a 13mm socket and remove strut from vehicle. **See Photo 13**.
14. Install the Front Strut Spacer using stock hardware. **See Photo 14**.



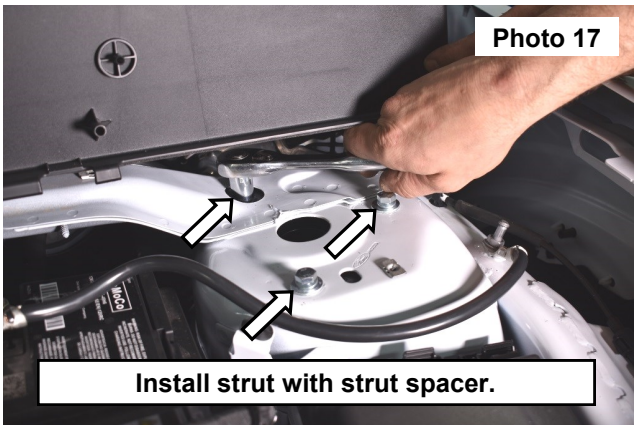


15. Grind down the edge of the lower strut using a sanding disk. **See Photo 15** and **Photo 16**.

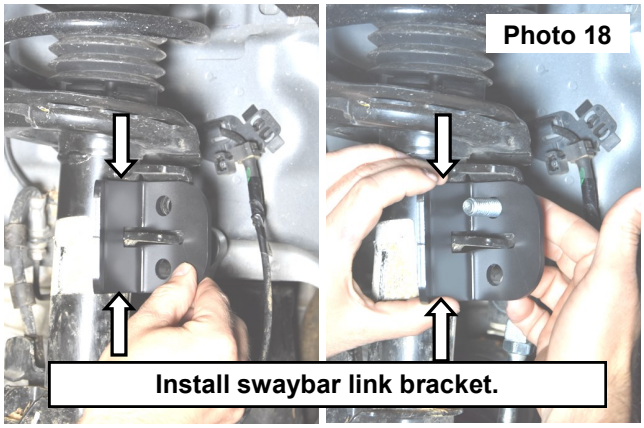


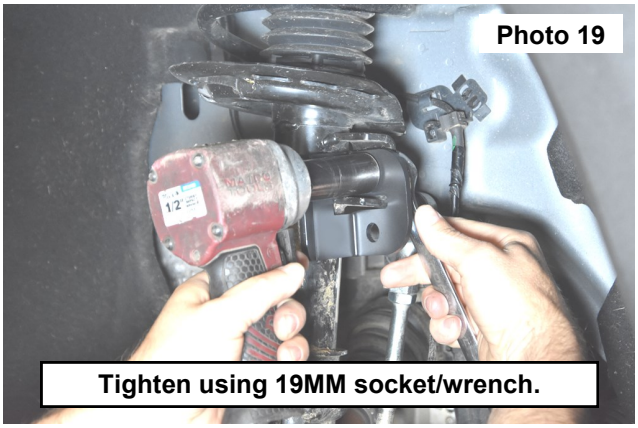


16. Install the strut with spacer using the supplied 8MM-1.25x25MM bolt and flat washer and lock washer. Tighten using a 13mm socket. **See Photo 17**.

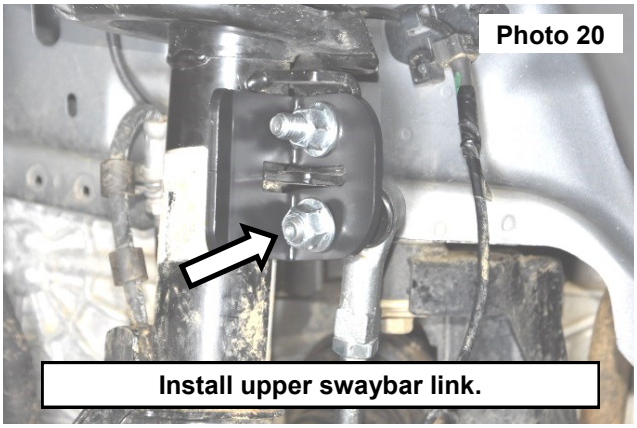


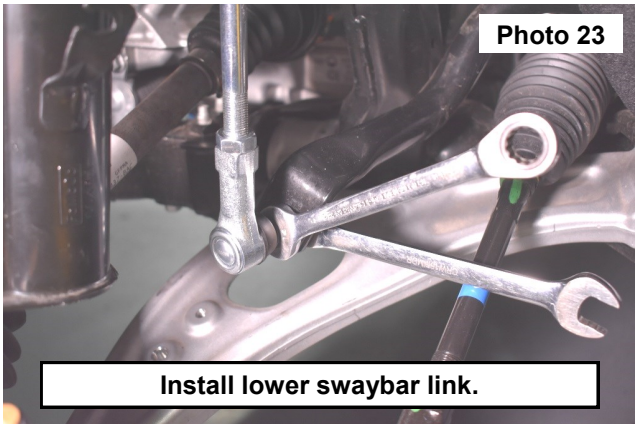
17. Install the supplied sway bar link drop bracket and link using the supplied 12MM-1.75x35MM bolts and flange nuts. **See Photo 18**.
    NOTE: Make sure the flat side of the bracket is supported by the strut body.
18. Tighten using two 19MM socket/wrenches on the bracket. **See Photo 19**.





19. Install the upper swaybar link using a 19MM socket/wrench. **See Photo 20**.
20. Install the lower swaybar link using two 15MM socket/wrenches. **See Photo 23**.

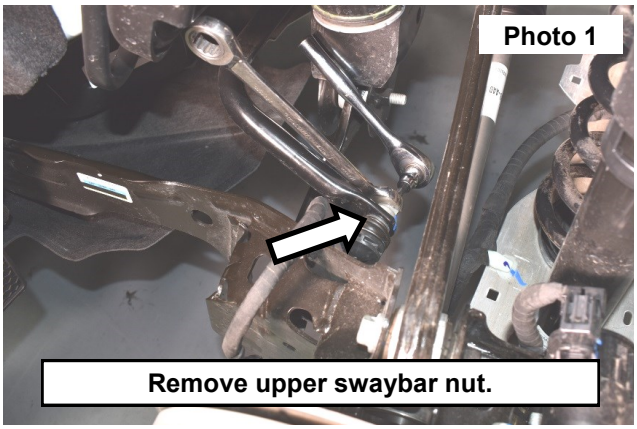


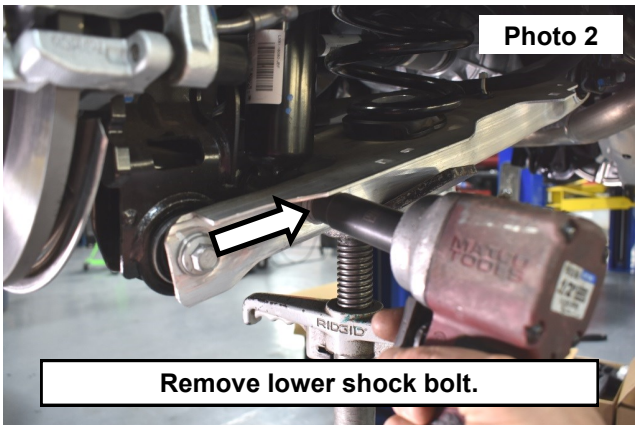


21. Reinstall the bolts for knuckle.
22. Reinstall tie-rod end.
23. Reinstall brake line bracket.
24. Reinstall ABS push pin.
25. Reinstall the upper strut cover and cowl.

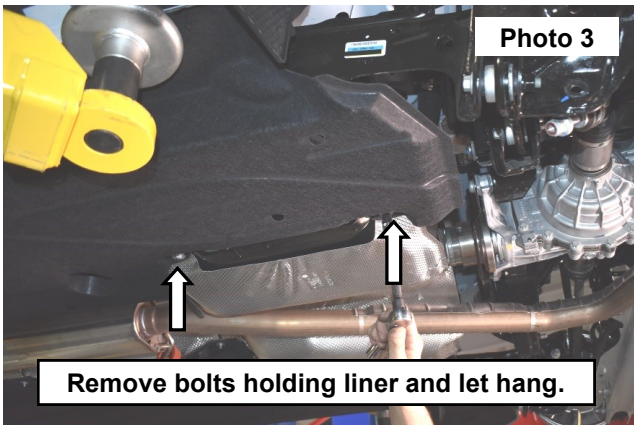
REAR INSTALLATION INSTRUCTONS

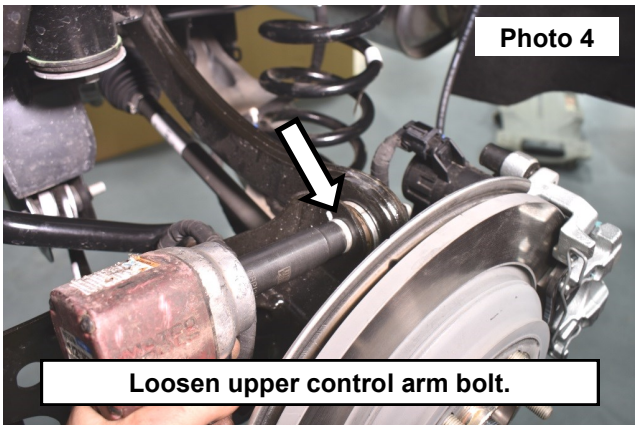
1. Jack up the rear of the vehicle and place on jack stands. Remove rear wheels.
2. Remove the upper swaybar link nut using a 18MM wrench and T40 Torx bit. **See Photo 1**.
3. Remove the lower shock bolt using a 15mm socket/wrench. **See Photo 2**.



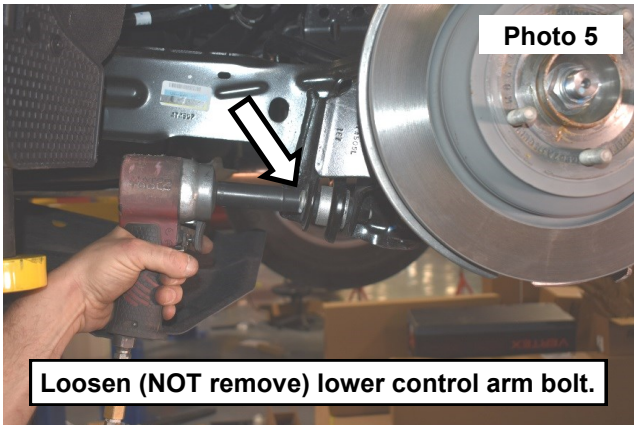


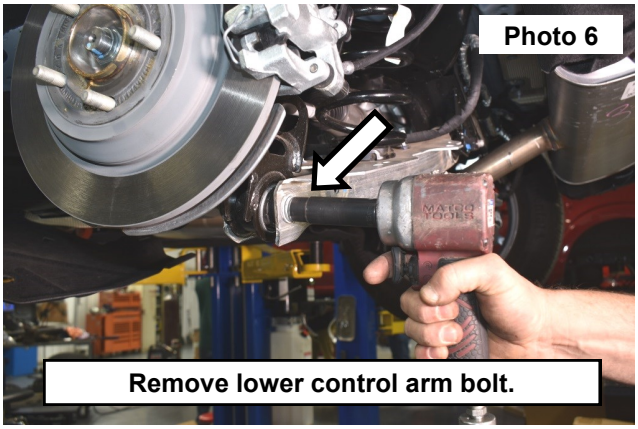
4. Remove two bolts holding the sound dampening liner and let it hang down to more easily access the trailing arm. **See Photo 3**.
5. Loosen (NOT remove) the upper control arm bolt on the knuckle using a 15MM socket/wrench. **See Photo 4**.





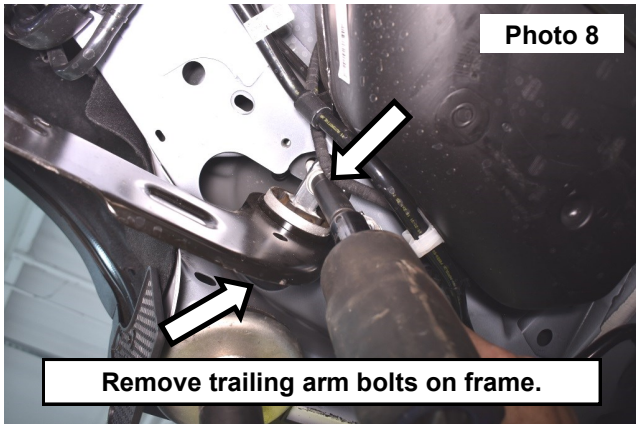
6. Loosen (NOT remove) the trailing arm bolt on the knuckle using a 15MM socket/wrench. **See Photo 5**.
7. Remove the lower control arm bolt on the knuckle using a 15MM socket/wrench. **See Photo 6**.



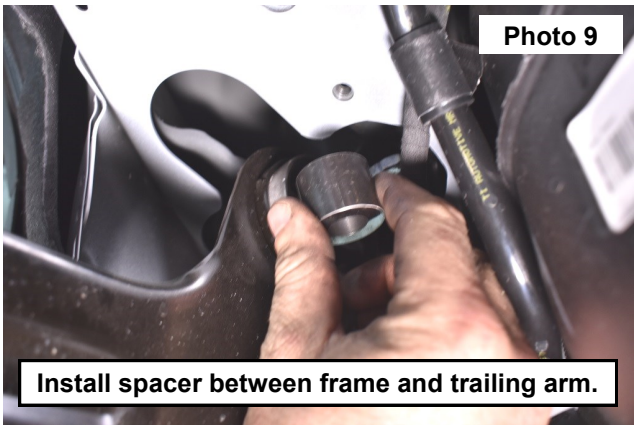


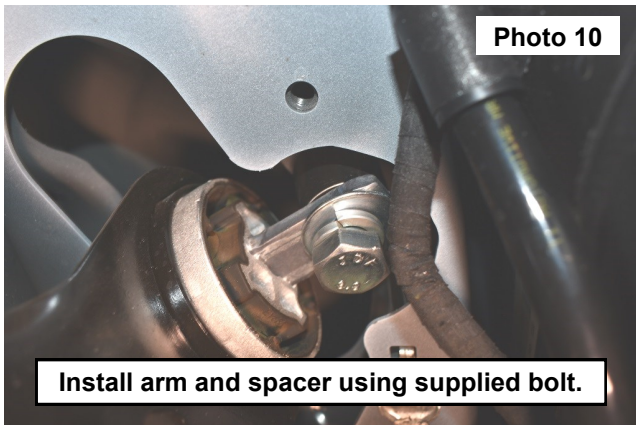
8. Let the lower control arm hang and remove the spring. **See Photo 7**.
9. Remove the trailing arm bolts on the frame. **See Photo 8**.



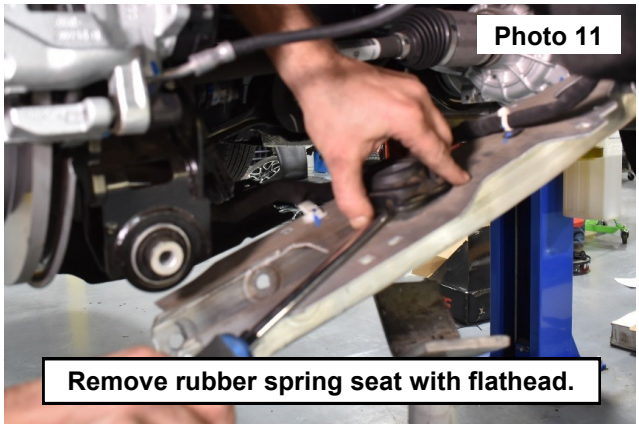


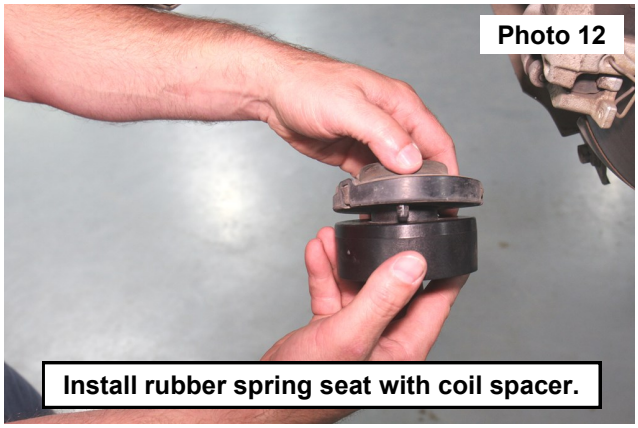
10. Install trailing arm Drop Spacer between the frame and trailing arm. **See Photo 9**.
11. Install trailing arm with the Drop Spacer using the supplied 14MM-2.0x60MM bolts and 9/16” flat washers and lock washers. Tighten using a 21MM socket/wrench. **See Photo 10**.



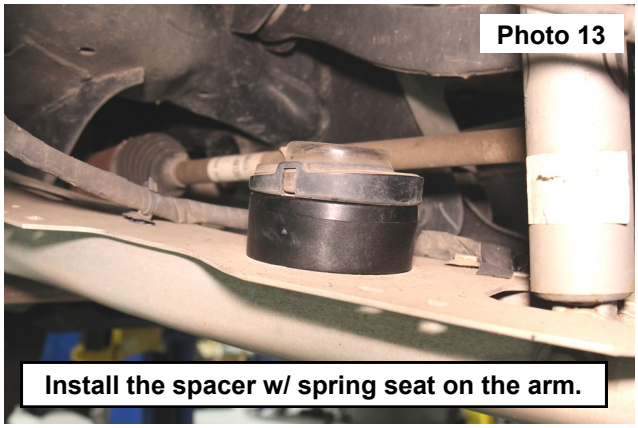


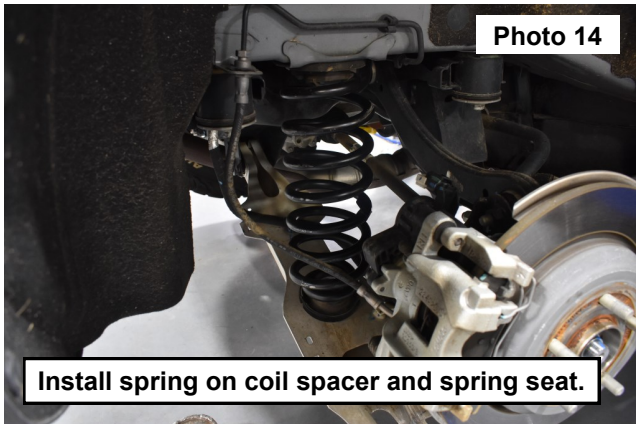
12. Remove the rubber spring seat with a flathead screwdriver. **See Photo 11**.
13. Align the rubber spring seat with the Rear Coil Spacer. **See Photo 12**.



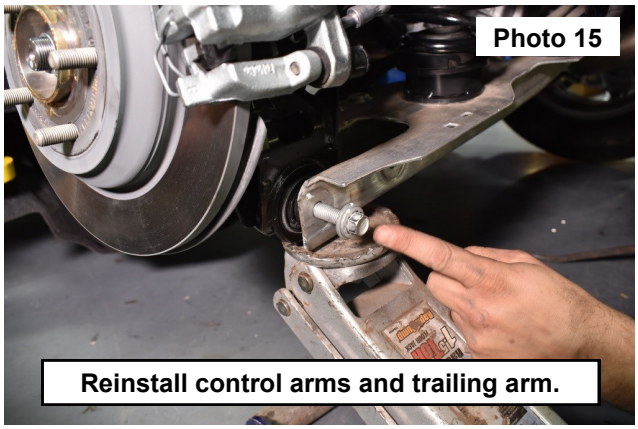


14. Install the nylon spacer and spring seat onto the control arm aligning the pin on the spacer to the control arm. **See Photo 13.**
15. Install the spring on the Rear Coil Spacer and rubber spring seat. **See Photo 14**.





16. Reinstall the upper and lower control arms and trailing arm to the knuckle.
    NOTE: You may need to use a jack to install the control arms. **See Photo 15**.
17. Reinstall the sound dampening liner.
18. Reinstall the shock.
19. Reinstall the swaybar link.
20. Put on wheels and lower.





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