

# ROUGH COUNTRY

## SUSPENSION SYSTEMS®

92170000

### 2018-25 Suzuki Jimny 2" Lift KIT

**Thank you for choosing Rough Country for all your Performance 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:

- 9471-2" FR Coil Spring
- 9472-2" RR Coil Spring
- 17000 Kit Box
- 23337-N3 Shock Pair-Front
- 23338-N3 Shock Pair-Rear

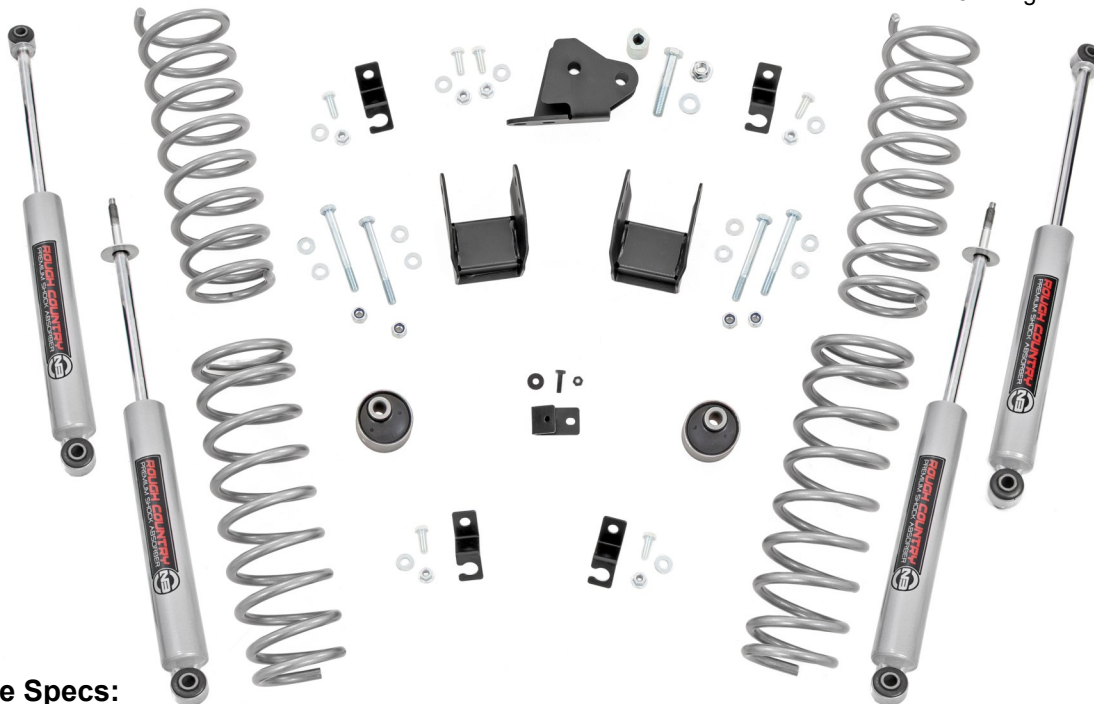
#### Tools Needed:

- 10mm Wrench/Socket
- 12mm Wrench/Socket
- 14mm Wrench/Socket
- 17mm Wrench/Socket
- 18mm Wrench/Socket
- 19mm Wrench/Socket
- 9/16 Wrench/Socket
- V-jack/Transmission Stand
- Large zip ties

#### Hardware Included:

##### 17000 Hardware Bag-

- 12mm x 1.00 x 1.37 Sleeve - 1
- .375"-16X 1" Hex Head Bolt - 6
- .375" SAE Washer- 14
- .375"-16 Flange Lock Nut- 6
- 6mm-1.0 x 20mm Hex Head Bolt BLK OX-1
- 6mm Flat Washer BLK Ox- 1
- 6mm- 1.0 Nylock Nut- 1
- M10-1.5x100mm Hex Head Bolt-4
- 10mm-1.25 Nylock Nut-4
- 12mm-1.75x70mm Hex Head Bolt-1
- 12mm Flat Washer-1
- 12mm-1.75 Flange Lock Nut-1



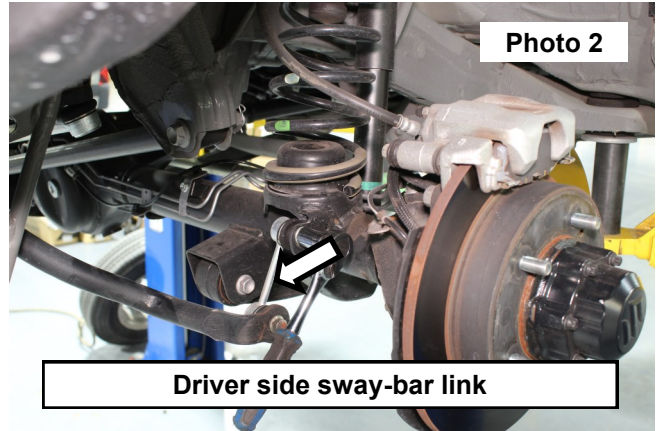
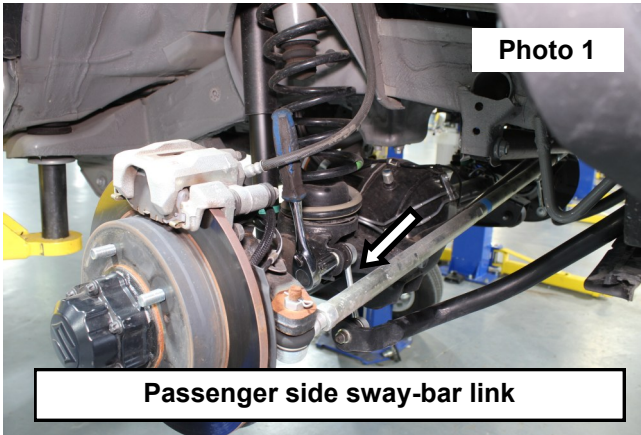
#### Torque Specs:

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

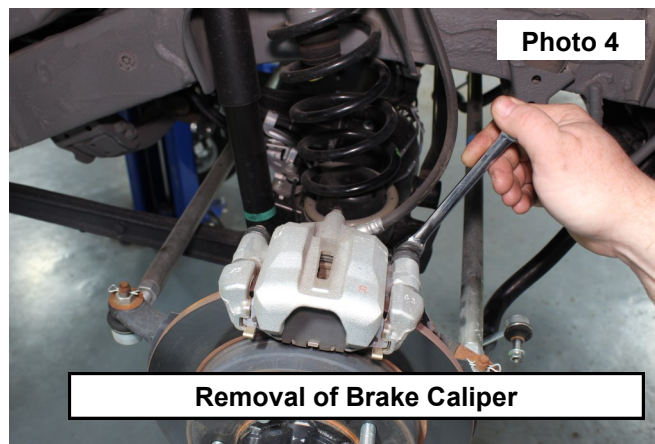
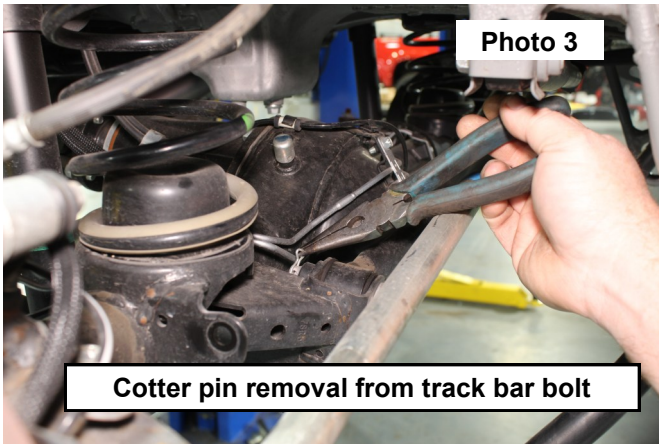


## INSTALLATION INSTRUCTIONS

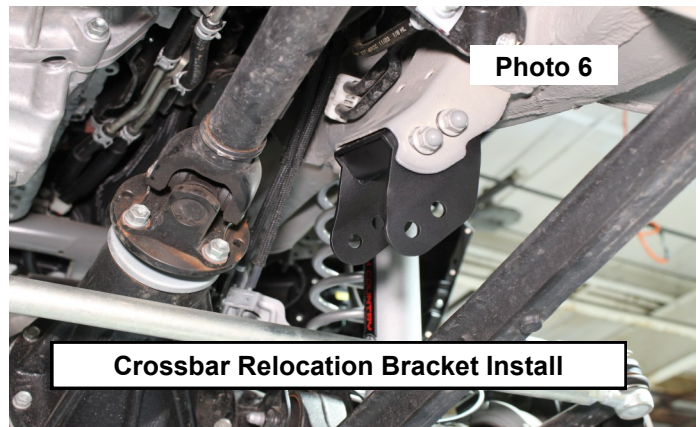
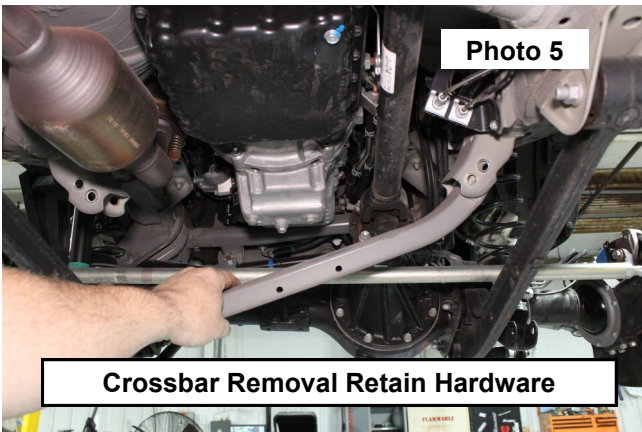
1. Jack up the front of the vehicle and support the vehicle with jack stands, ensure that the front wheels are off the ground. Once front of vehicle is off ground remove both of the front wheels/tires.
2. Locate and remove the sway-bar links on both sides of front of vehicle using a 14mm socket/wrench. **See Photo 1 and Photo 2**



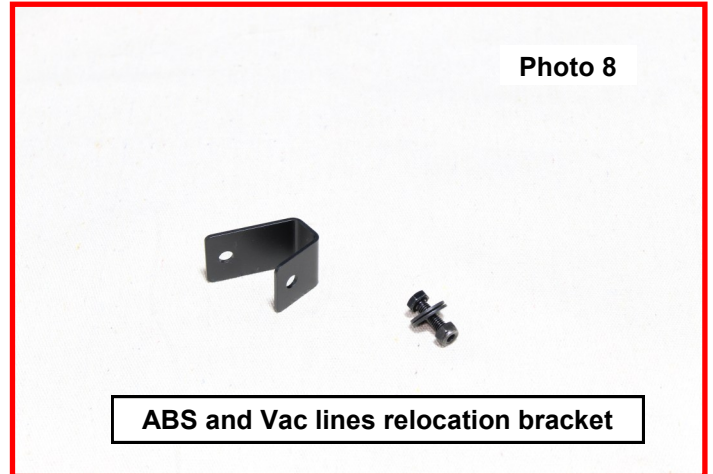
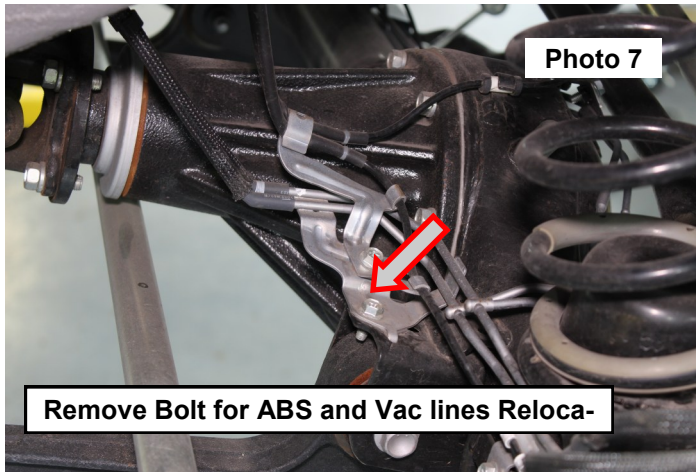
3. Remove cotter pin and use a 19mm socket to remove track bar bolt. Retain factory hardware for reuse. **See Photo 3**
4. Using a 12mm wrench remove brake calipers and use a large zip tie to safely hang calipers out of the way. **See Photo 4**



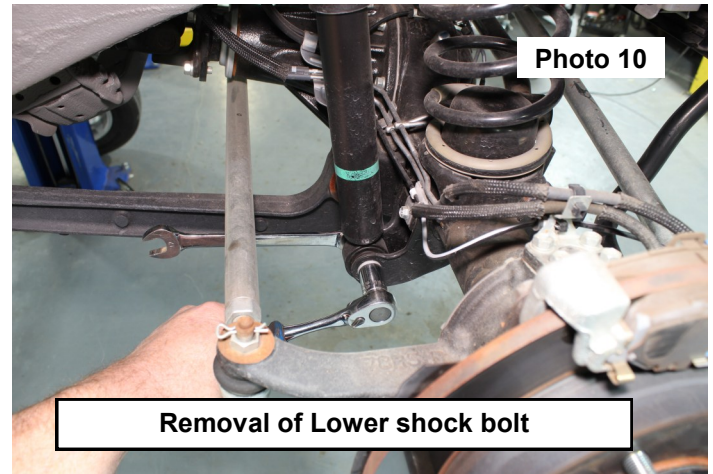
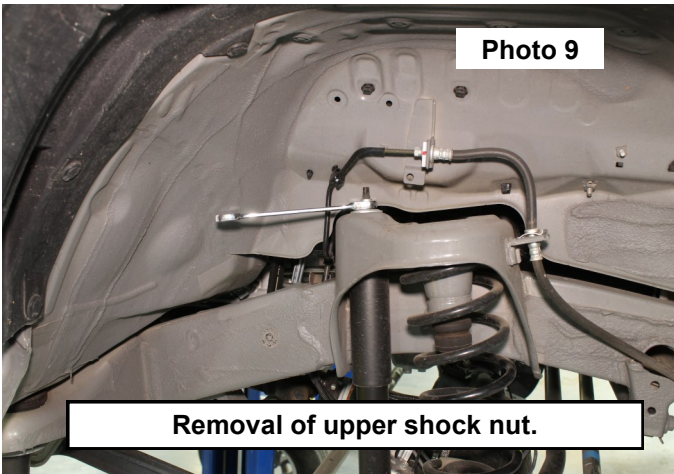
5. Remove crossbar using a 14mm socket and wrench. Retain factory hardware. Locate and install the crossbar relocation bracket using stock hardware. Refrain from installing crossbar at this time, crossbar will be reinstalled towards the end of the front end installation. **See Photo 5 and Photo 6**



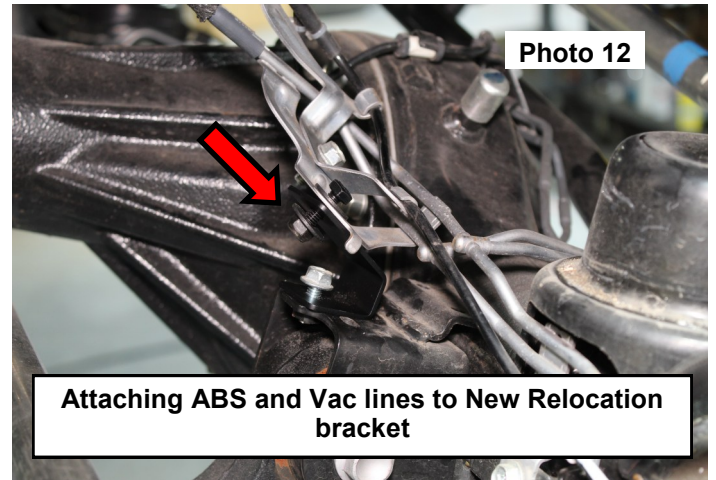
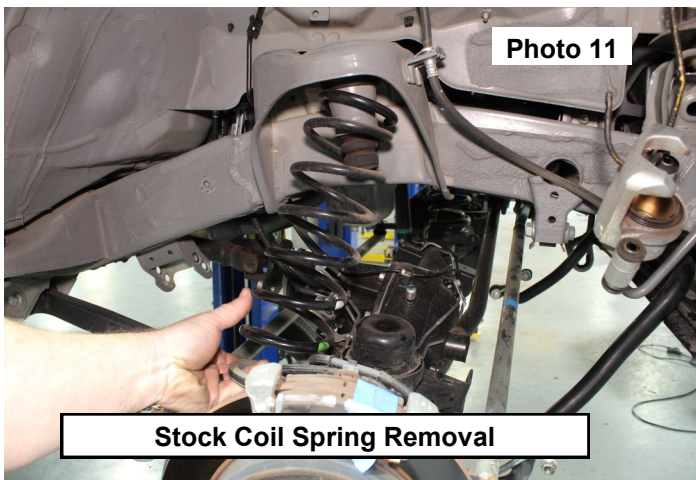
6. Support the axle with a V-jack or transmission stand at this time.
7. Using a 10mm wrench remove, the bolt holding the ABS and vacuum lines from axle. Retain stock hardware. Locate the ABS/Vac lines relocation bracket and install at this time using stock hardware for installation. Refrain from re-installing ABS/Vac lines at this time, re-installation will happen towards completion of front end install. **See Photo 7 and Photo 8**



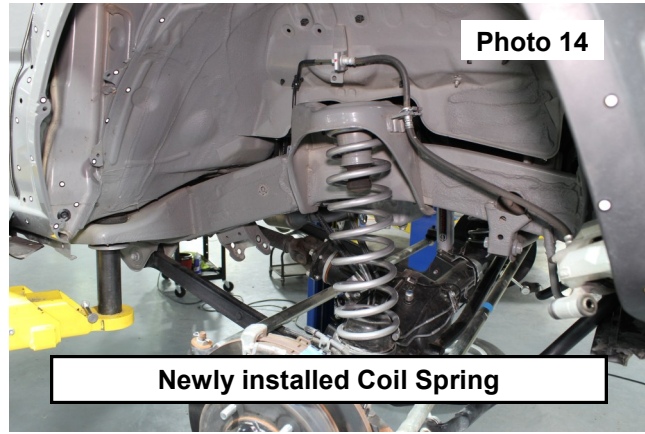
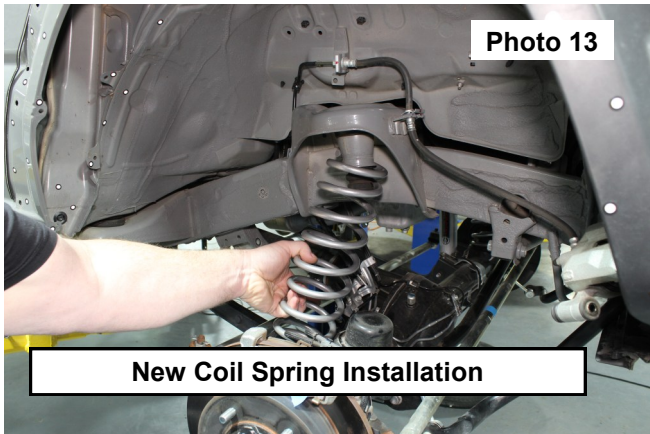
8. Using a 14mm wrench, remove the upper shock nut use a 17mm to remove the lower shock bolt and remove stock shock. Retain lower shock stock bolt for reinstallation. **See Photo 9 and Photo 10**



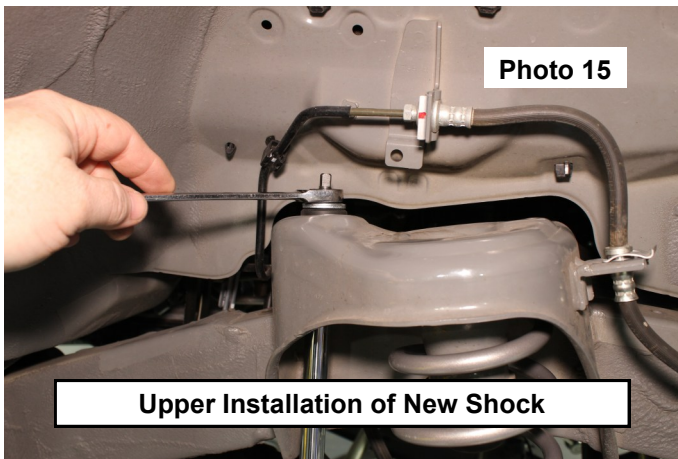
9. With axle supported lower axle and remove stock coil spring. **See Photo 11**
10. With stock coil spring removed the ABS and Vac lines can be installed onto the new relocation bracket that was installed in **Step 7**. A new supplied 6mm bolt will be used to attach ABS/Vac line stock bracket to new relocation bracket. Use 10mm wrench/socket to tighten. **See Photo 12**



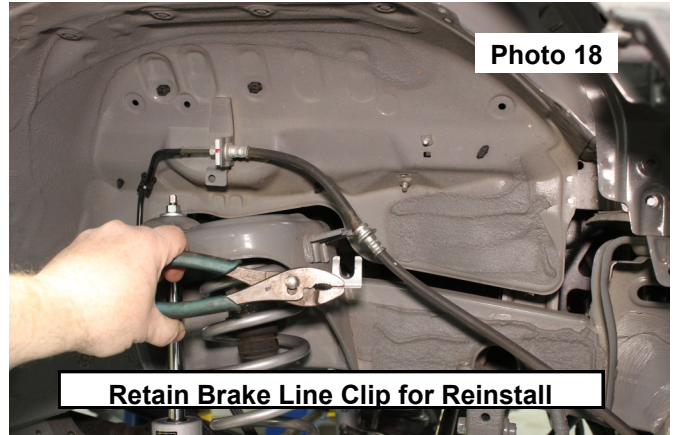
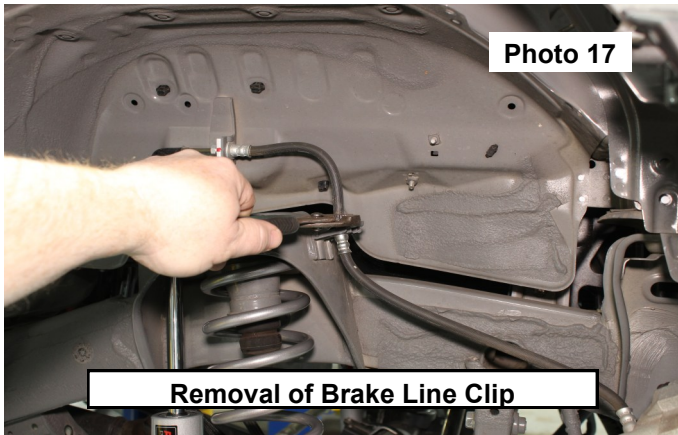
11. Install the new kit supplied coil spring at this time. Install coil spring from top down allowing coil spring to clear lower bump stop and sit in the coil spring seat. **See Photo 13 and Photo 14**



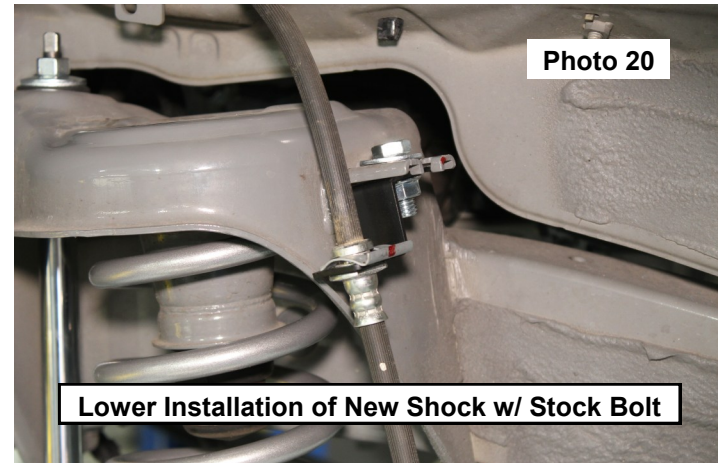
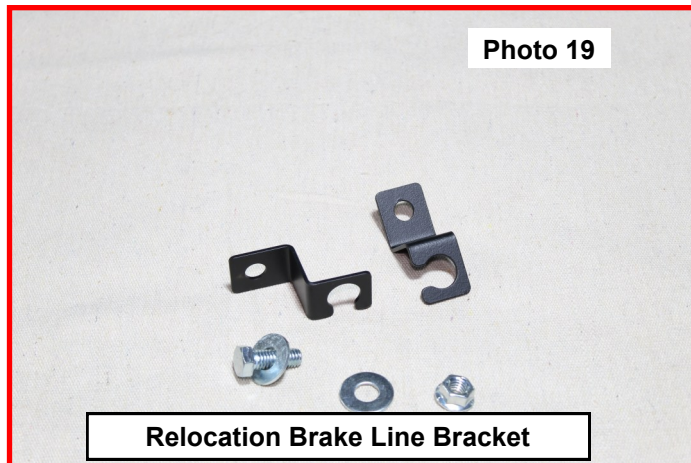
12. Install the new kit supplied shock using a 14mm wrench for the top stem hardware and 17mm wrench for the bottom shock stock bolt. **See Photo 15 and Photo 16**



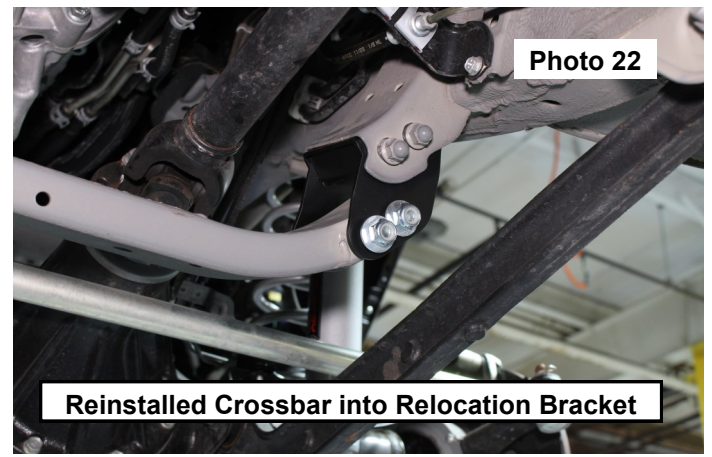
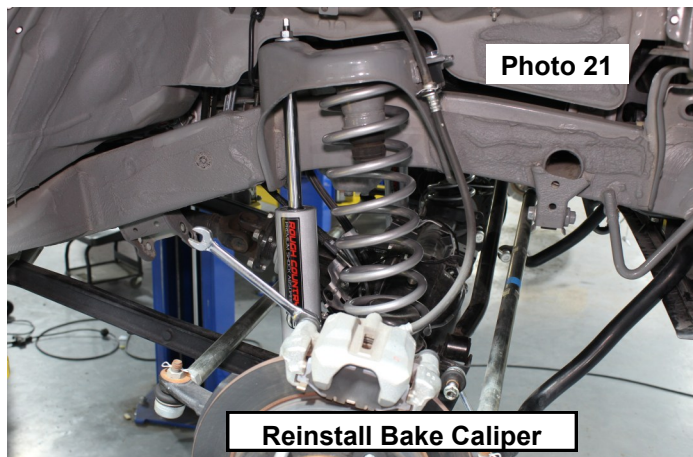
13. Remove the brake line clip from the brake line bracket. Retain clip for reinstallation of brake line. **See Photo 17 and Photo 18**



14. Locate and install the supplied brake line bracket using the supplied 3/8 bolt, washer and nut use a 9/16 wrench/ socket to tighten. Once the relocation bracket is installed reinstall the brake line using the retained stock brake line clip. **See Photo 19 and Photo 20**



15. Reinstall brake calipers using a 12mm wrench to tighten. **See Photo 21**  
16. Reinstall crossbar into previously installed relocation drop bracket using the kit supplied 10mm x 100mm bolts. **See Photo 22**



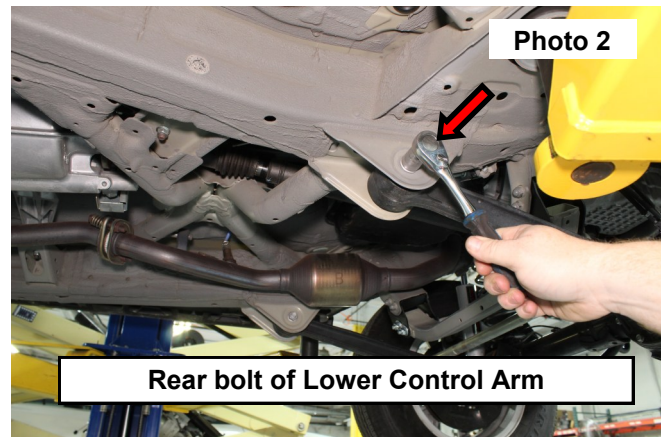
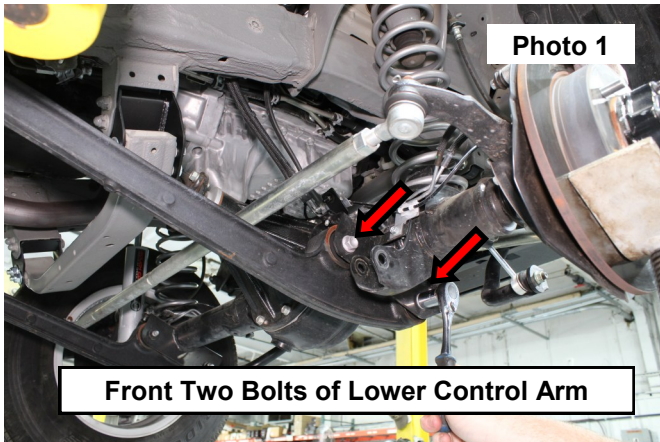
17. Reinstall both sway-bar and track bar at this time. Reinstall wheels/tires and lower vehicle to ground.

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.

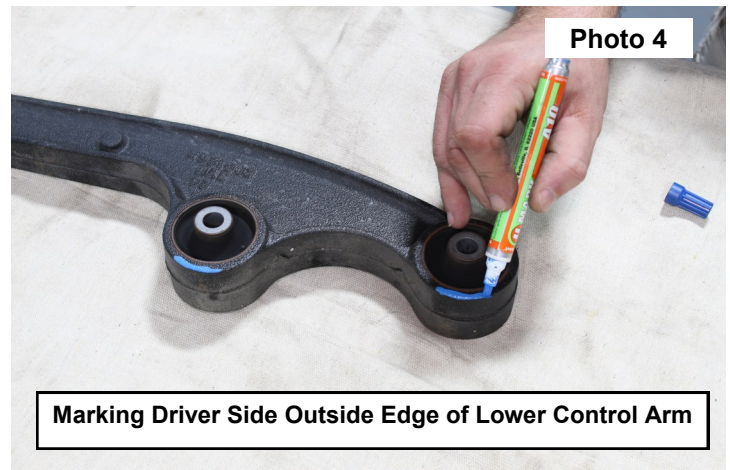
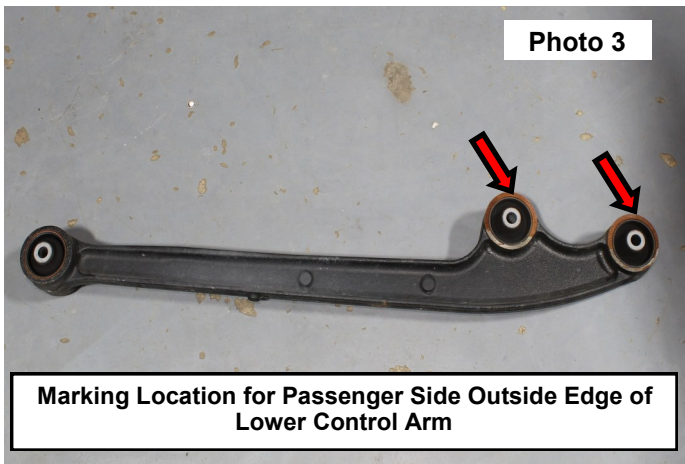


## Lower Control Arm Bushing replacement

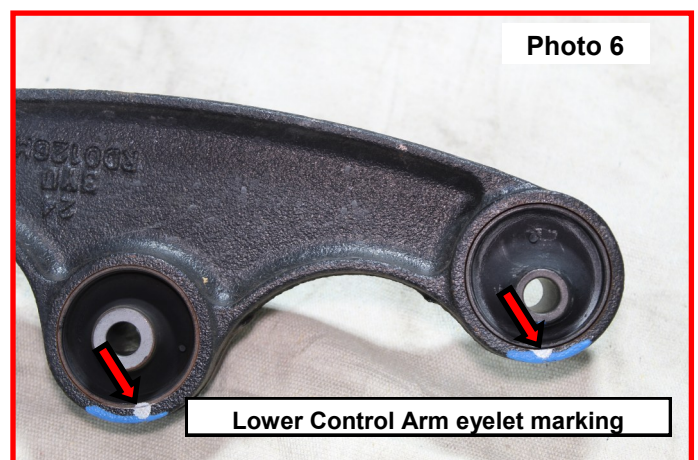
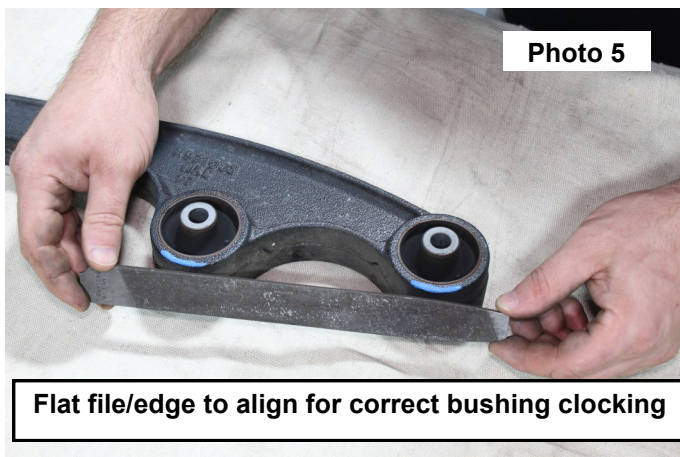
1. Support the axle and remove both front shocks, retain all shock hardware for reinstall of shocks.
2. Remove the 3 bolts that hold the lower control arm (2 toward front of the vehicle and 1 toward the rear) with a 17mm wrench/socket. **See Photo 1 and Photo 2**



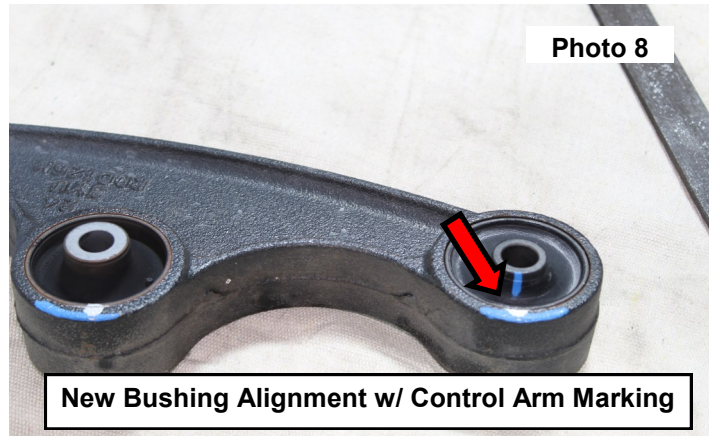
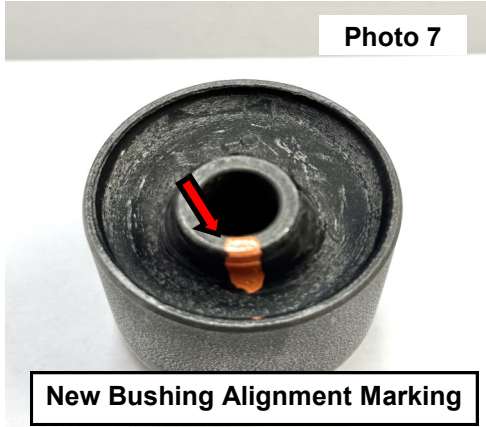
3. Remove control arms and place on a flat work station with the outside edge (side of control arm facing to the front doors) and mark edges with paint pin. **See Photo 3 and Photo 4**



4. When both Lower control arms outside edges are marked, use a flat file to hold against both eyelets of the front and back bushings to create a marking point for the new front bushings correct clocking and alignment installation. See **Photo 5 and Photo 6**



5. Once all markings are made on the outside edge of lower control arms, Mark the new kit supplied bushing to allow for correct clocking of bushing when pressed in lower control arm. **See Photo 7**
6. Press the front bushing out of the lower control arm so the new bushing can be pressed in before re-installation.
7. After pressing the front bushings out, replace with the supplied bushings with the sleeve markings lined up with the markings on the outside edge marking for proper bushing clocking and hole alignment. **See Photo 8**



8. Once new bushing have been pressed into the lower control arm it can be reinstalled back onto the vehicle using stock hardware.

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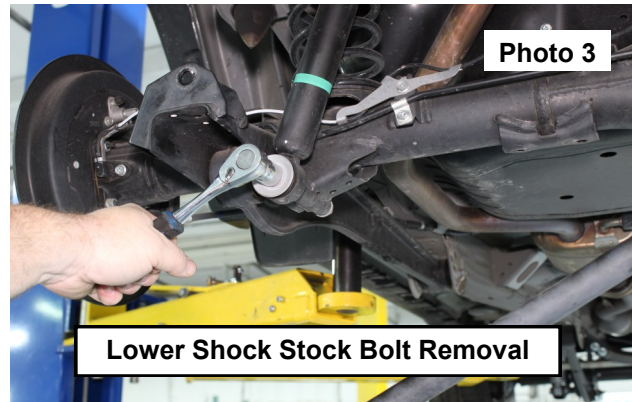
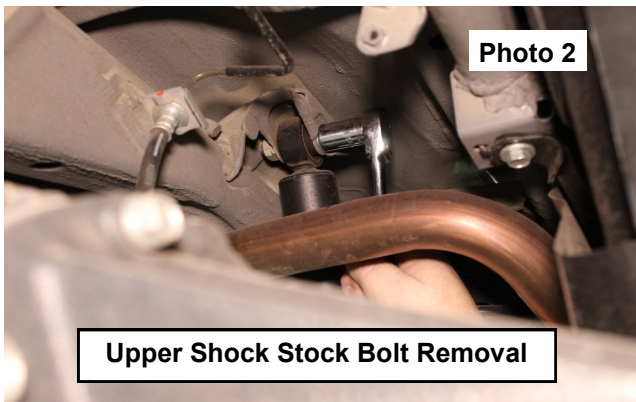


## Rear Installation

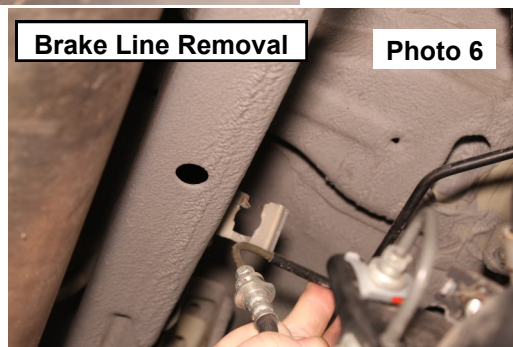
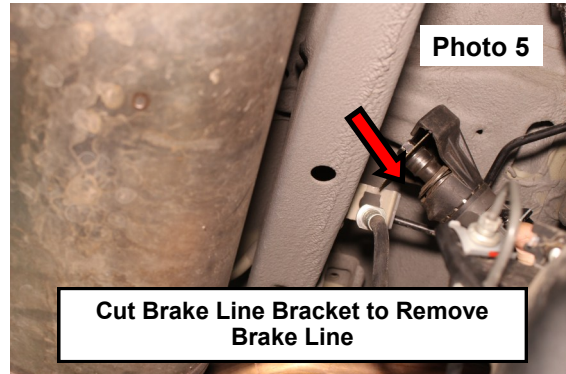
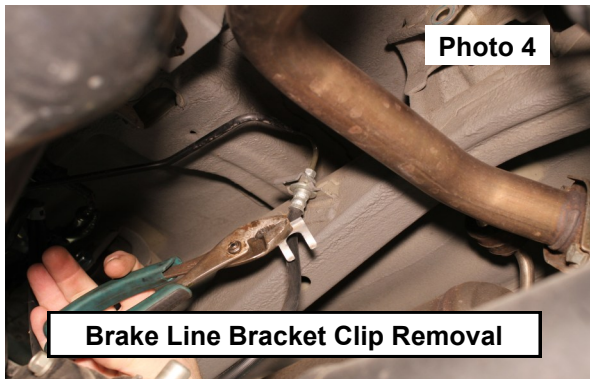
1. Raise the rear of vehicle and remove wheels/tires and support rear axle with jack stands.
2. Remove track bar bolts using a 17mm socket/wrench. Retain stock hardware. **See Photo 1**



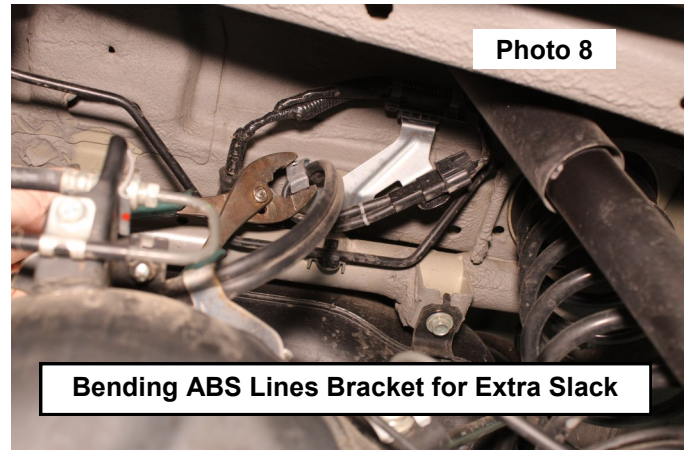
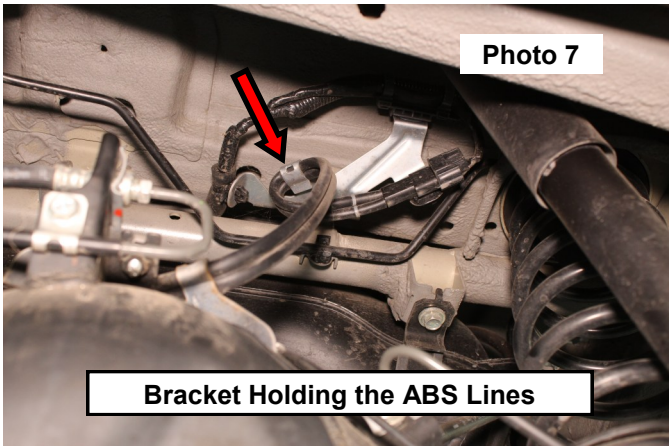
3. Remove both lower and upper shock stock bolts with a 17mm socket/wrench. Retain stock hardware at this time. **See Photo 2 and Photo 3**



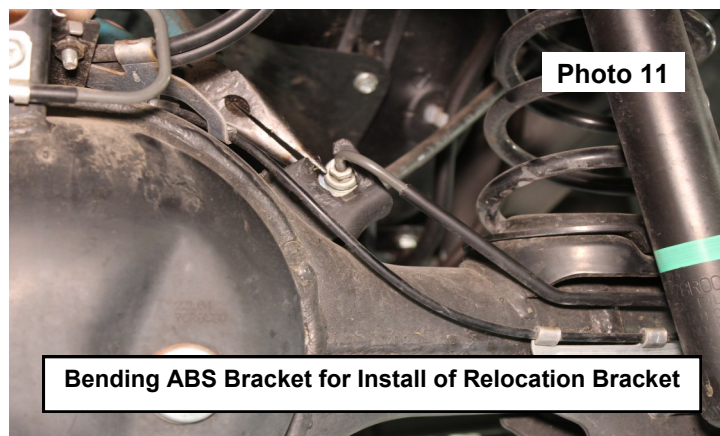
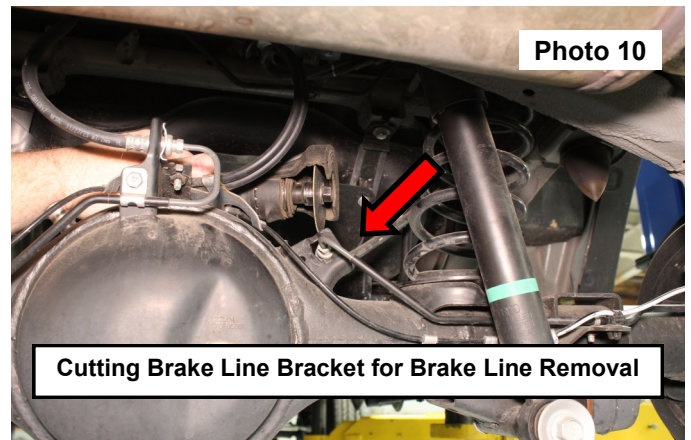
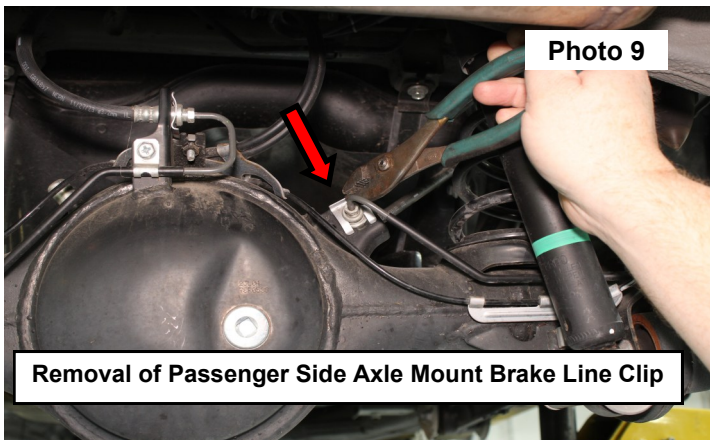
4. Locate and remove the driver side upper brake line clip and pull brake line down out of bracket. To remove the brake line from the bracket, carefully cut the bracket and use needle-nose pliers to bend it open. Remove the brake line completely from the bracket. **See Photo 4, Photo 5, and Photo 6**



5. Locate and bend the bracket tab holding the ABS lines and remove the lines to allow extra slack when removing and reinstalling the coil springs, shocks, and brake lines in new relocation brackets. **See Photo 7 and Photo 8**



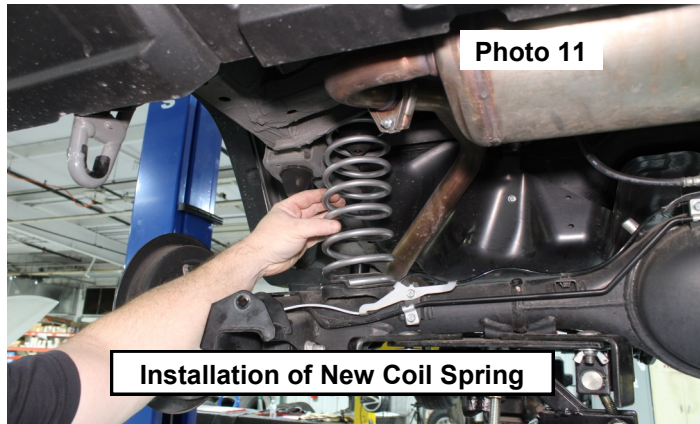
6. Locate brake line bracket on passenger side of axle. Remove brake line clip and pull brake line out of bracket. Carefully cut bracket and bend with needle nose pliers to open and remove the brake line completely from bracket. **See Photo 9, Photo 10 and Photo 11**



7. Remove stock coil springs and replace with supplied new coil springs. See Photo 12 and Photo 13



Removal of Stock Coil Spring

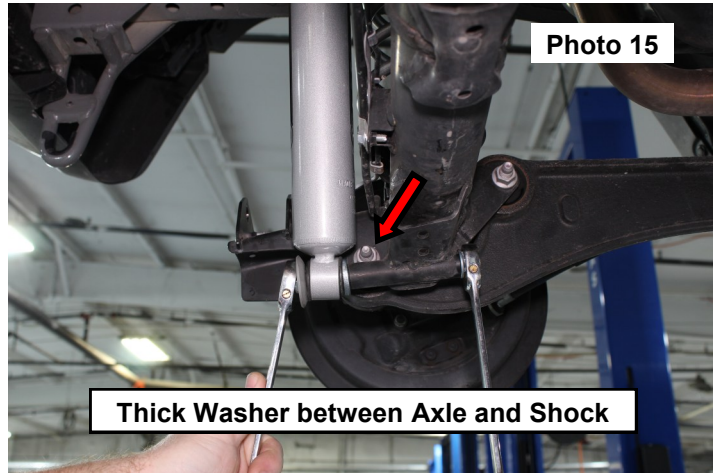


Installation of New Coil Spring

8. Install new kit supplied shocks at this time using the supplied 12mm hardware. Remove washers from stock shock bolts to be used on new hardware. The thicker washer will be used in between the axle and shock and the larger washer to the outside. Use an 18mm and 19mm to tighten. See Photo 14 and Photo 15

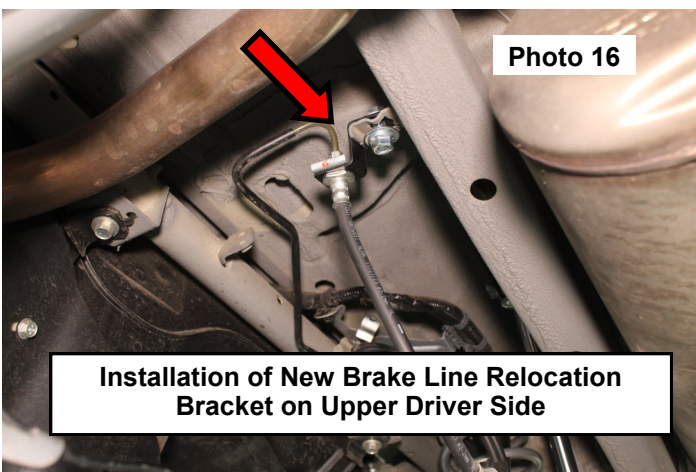


Stock Washer Reuse with New Shock



Thick Washer between Axle and Shock

9. Locate and install the new kit supplied brake line relocation brackets, one for the passenger side of the axle and the other located on the upper driver side. Use the kit supplied 3/8 bolts and washers tightening with a 9/16ths socket/wrench. Use the retained stock clips when installing brake lines to new brackets. See Photo 16 and Photo 17

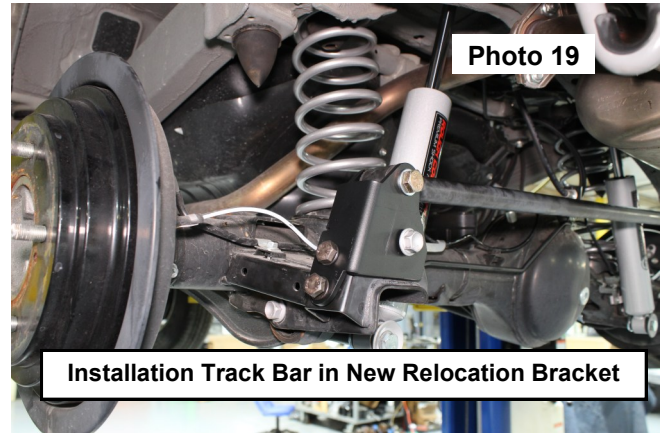


Installation of New Brake Line Relocation Bracket on Upper Driver Side

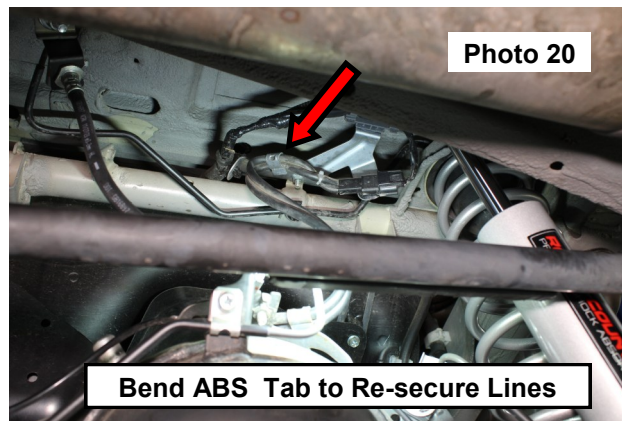


Installation of New Brake Line Relocation Bracket On Passenger Side of Axle

10. Locate and install the track bar relocation bracket using the kit supplied bolts and sleeves. Use a 17mm to tighten side bolts and the lower stock bolt and a 19mm to tighten the new track bar bolt. **See Photo 18 and Photo 19**



11. Return the ABS lines to holding bracket and bend tab back to hold in place. **See Photo 20**  
12. Reinstall the wheels/tires and lower the vehicle to the ground.



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