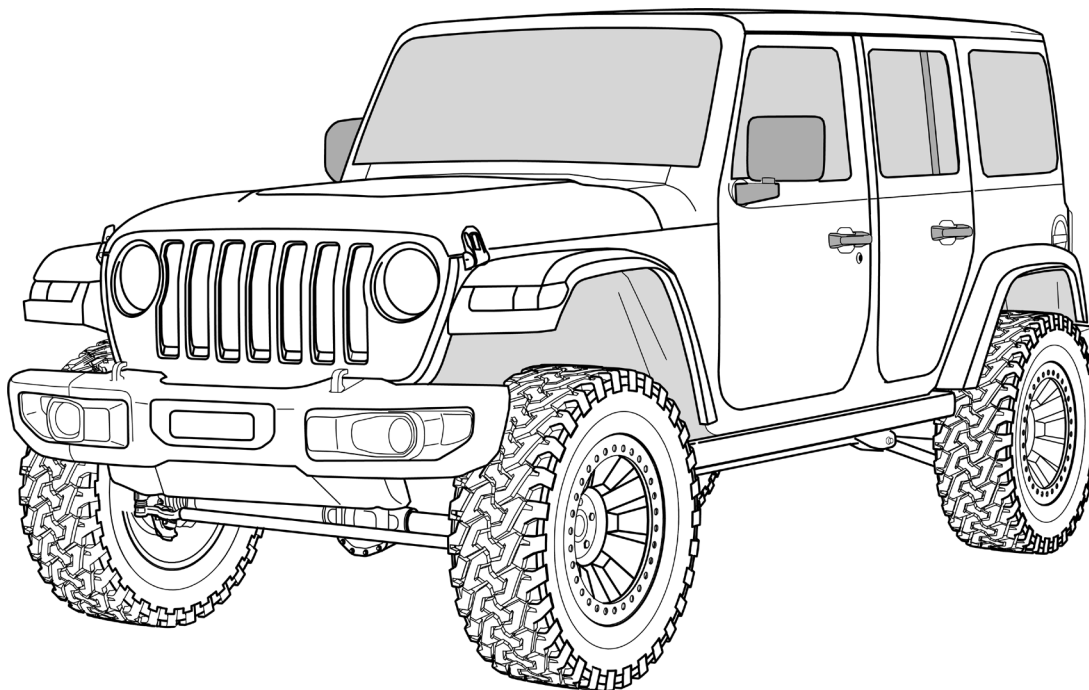




Jeep JL Load Level Kit



Important Notes:

Prior to beginning this install, or any installation, read the instructions thoroughly to familiarize yourself with the required steps. Evaluate if you are experienced and capable to personally perform these modifications. A factory service manual should be used in conjunction with these installation instructions.

This product will change the highway handling characteristics of your vehicle, exercise caution. After altering the suspension it is always advisable to have an alignment done by a competent 4 wheel drive shop or by an alignment shop that is experienced with lifted 4 wheel drive vehicles.

Refer to the parts list to ensure that all necessary components and hardware has been included.

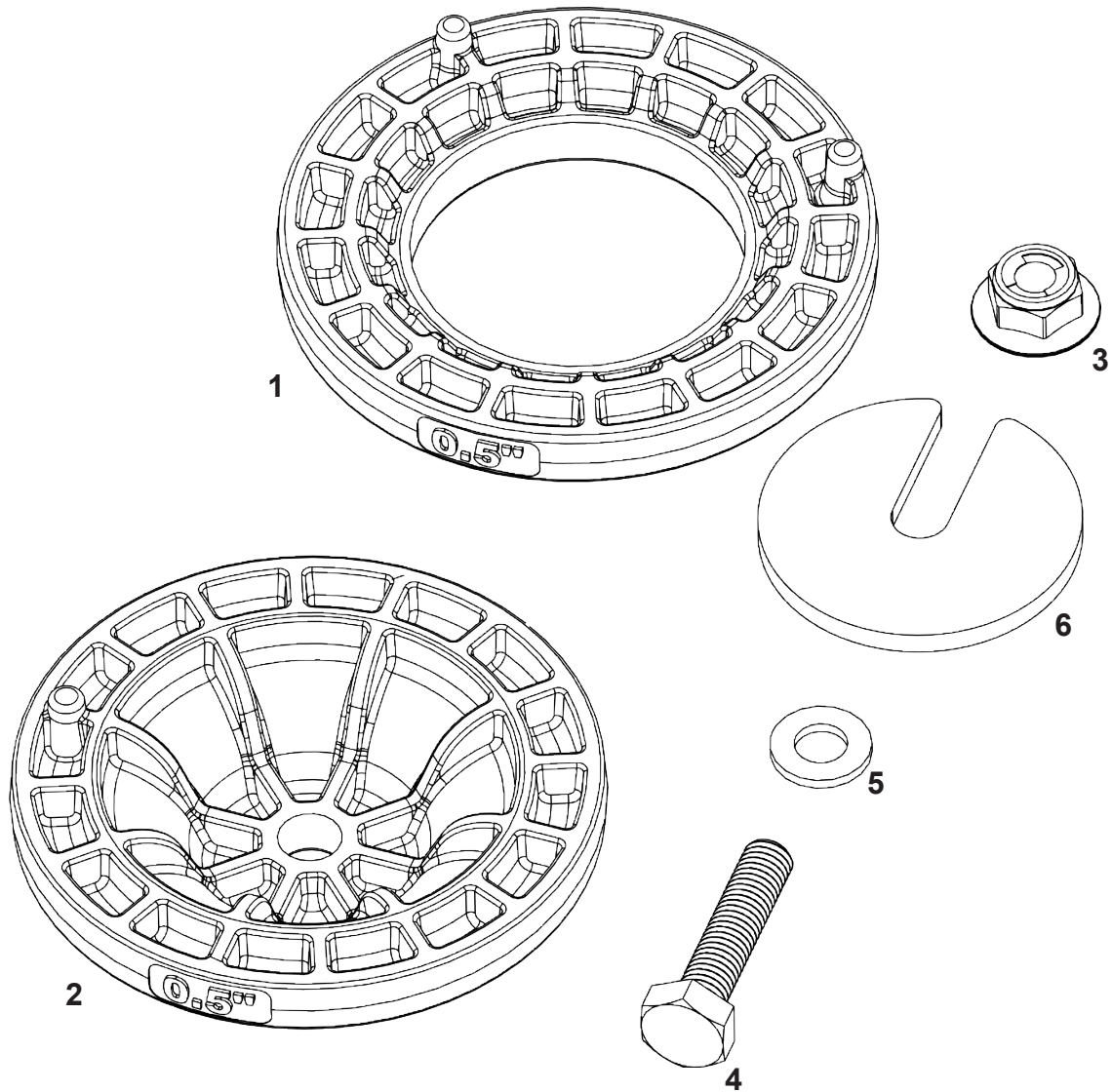
When reinstalling OEM hardware, refer to the torque specs given in the Factory Service Manual.

Tools Needed:

- Metric Sockets and Open End Wrenches
- Torque Wrench
- Factory Service Manual
- General Mechanics Tools

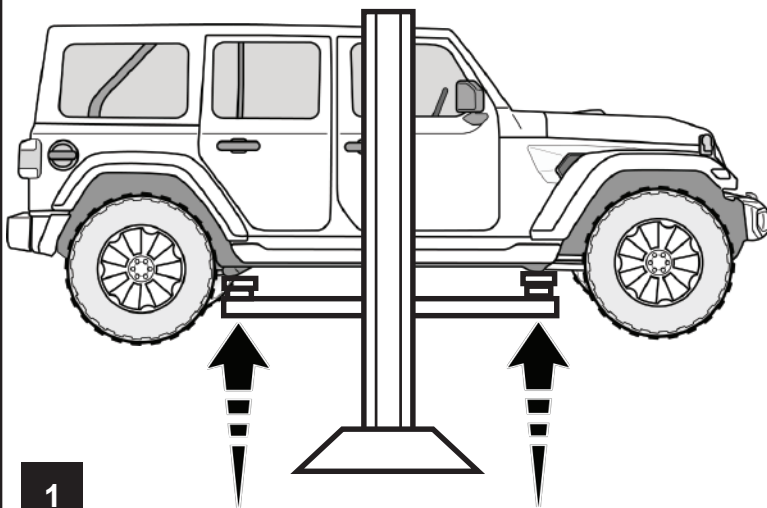
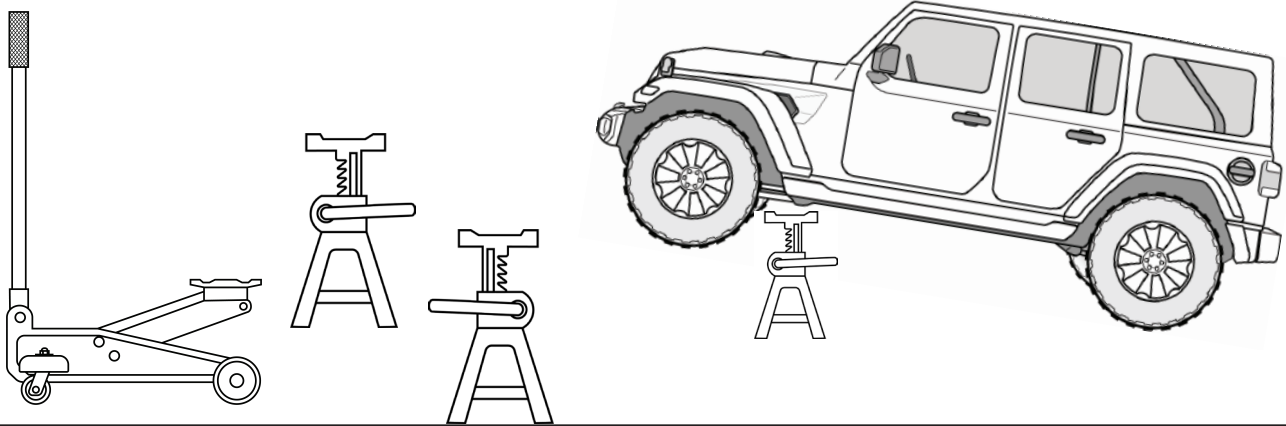
Maintenance Note:

After the first 300 miles and every 3,000 miles after that, re-torque all the suspension components and bolts.

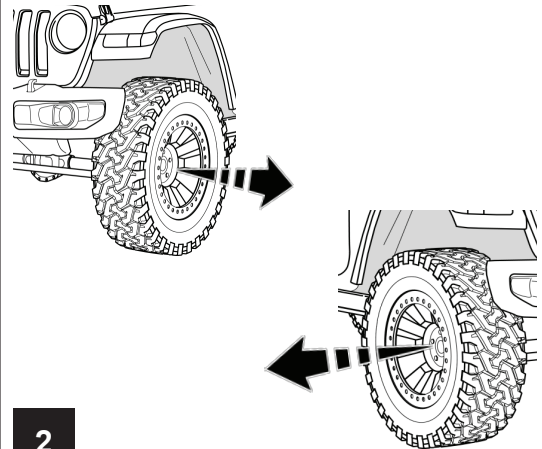


Item #	Part Number	Description	Qty.
Front			
1	04-01-109-050	Spring Mount Spacer, Front, Jeep JL Wrangler, 0.50" Lift Height	2
Rear			
2	04-01-209-050	Spring Mount Spacer, Rear, Jeep JL Wrangler, 0.50" Lift Height	2
3	23-07-03-001	Mounting Hardware, Flanged Fuji Nut, M10 x 1.5, Yellow	2
4	45-01-003-007	Hardware, Hex Cap Screw, Alloy Steel, Yellow Zinc, M10 x 1.5 x 65mm	2
5	45-10-003-001	Hardware, Flat Washer, Alloy Steel, Yellow Zinc, M10	2
6	47-02-001-001	Custom Hardware, M10 Slotted Washer, 2.50" OD, .188" Thick	2

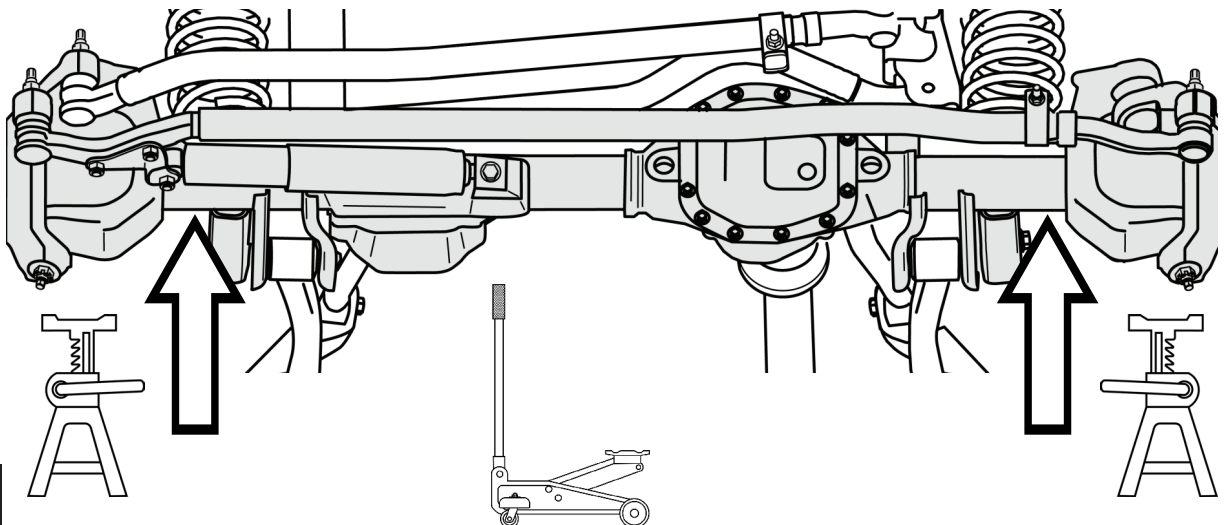
FRONT INSTALLATION LIFT AND SUPPORT AT FRAME

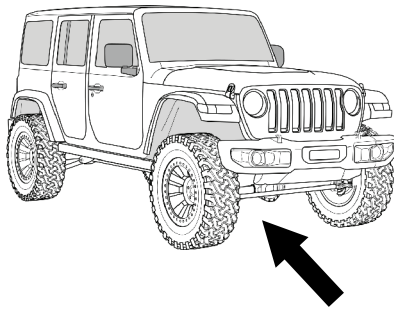
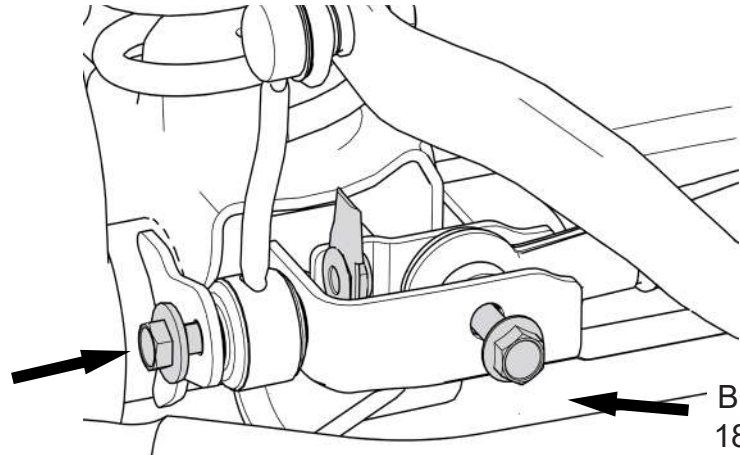
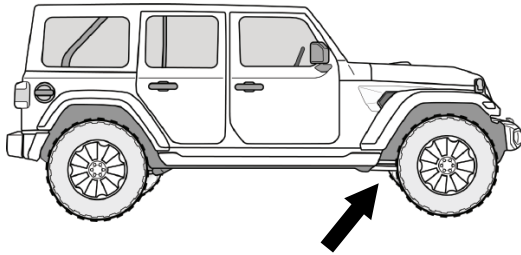
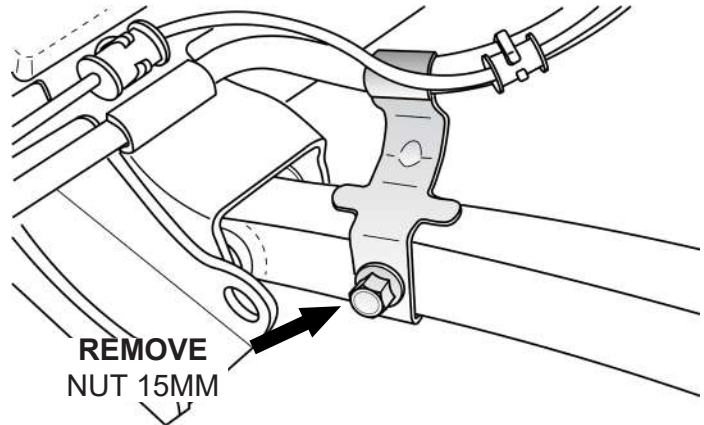
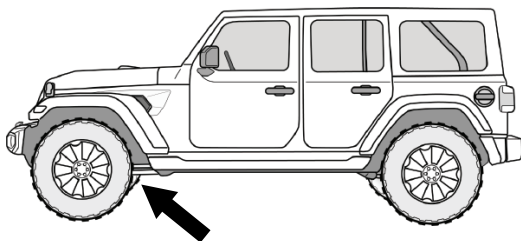
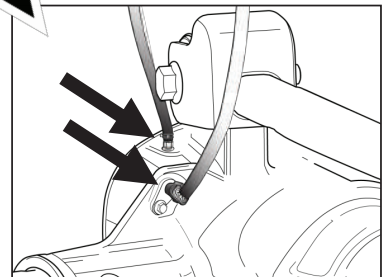
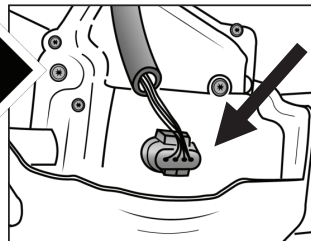
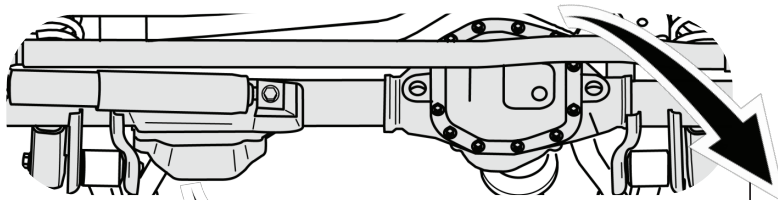


REMOVE FRONT TIRES

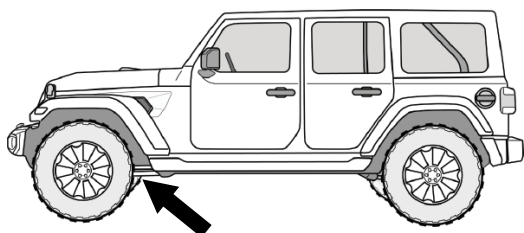
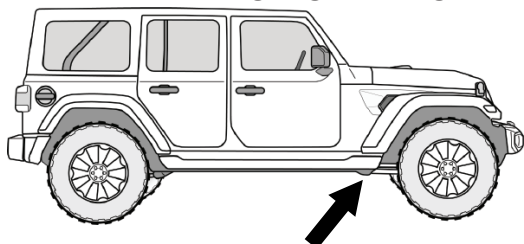


SUPPORT FRONT AXLE



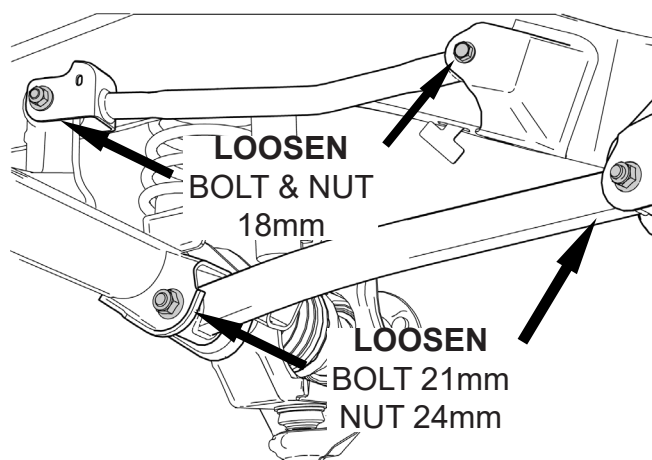
REMOVE SWAY BAR LINKS & TRACK BAR BOLTS AT THE AXLE**4****BOLT
18mm****BOLT
18mm****REMOVE BRAKE LINE BRACKETS FROM LOWER CONTROL ARMS****2X****5****REMOVE
NUT 15MM****DISCONNECT ACTUATORS & VENT HOSE AT THE FRONT AXLE****6**

**LOOSEN FRONT CONTROL ARM BOLTS
DO NOT REMOVE THE CONTROL ARM BOLTS**

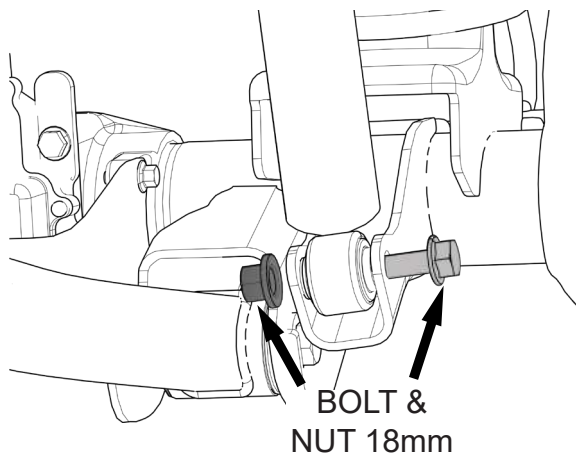


2X

7



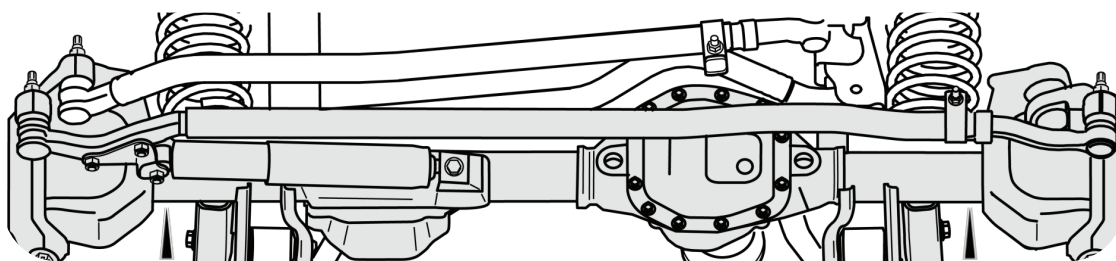
REMOVE SHOCKS AT THE AXLE



2X

8

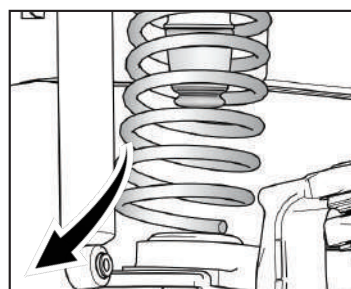
LOWER AXLE & REMOVE FRONT SPRINGS



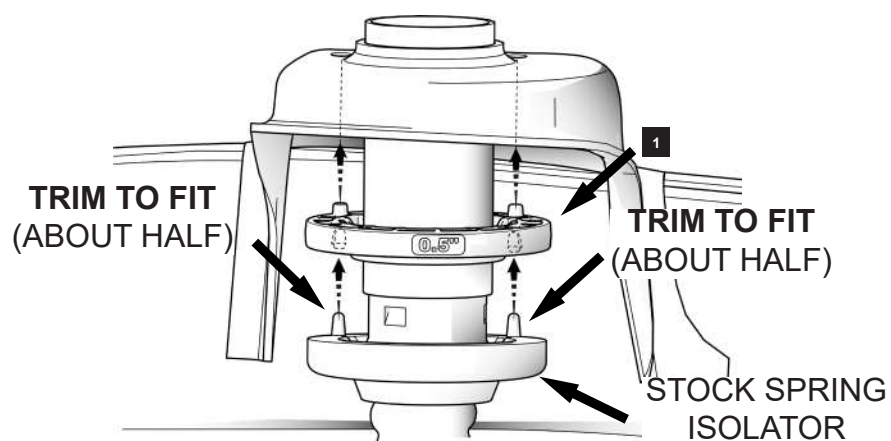
**NOTE: REMOVE ANY
PLASTIC RETAINERS
FROM WIRING OR
HOSES AS NEEDED.**

2X

9



INSTALL FRONT SPRING SPACERS

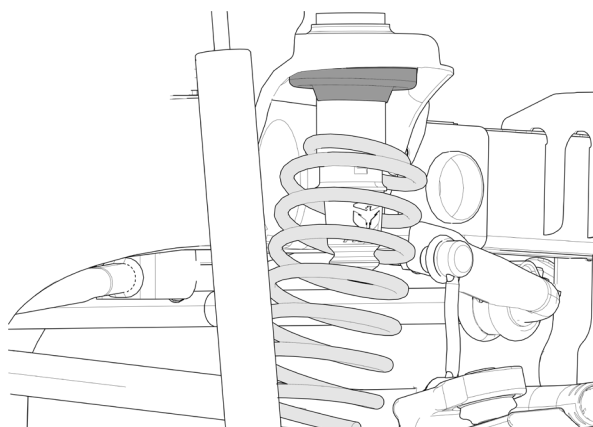


2X

10

REINSTALL FRONT SPRINGS.

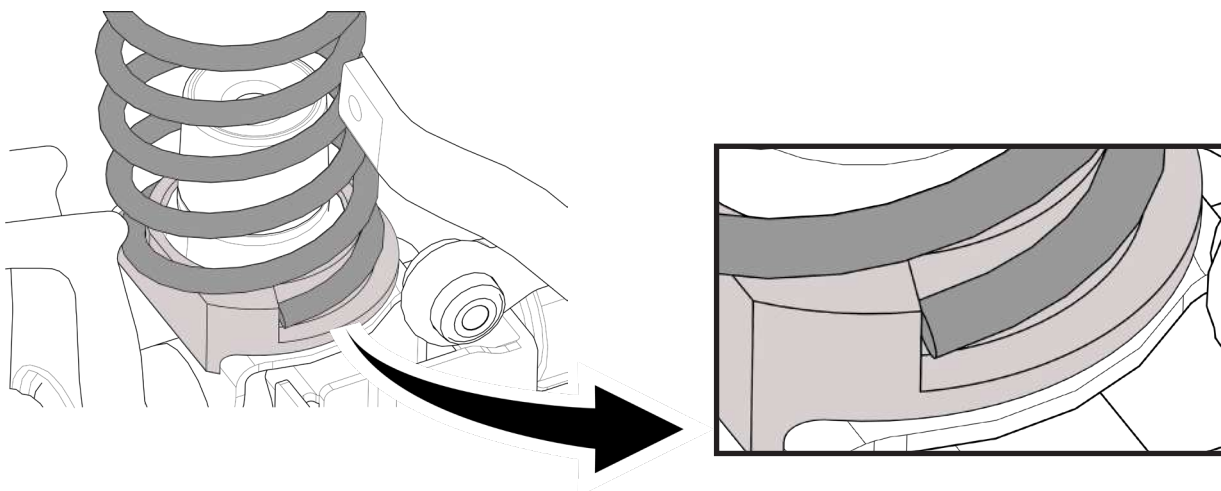
DRIVERS SIDE FIRST

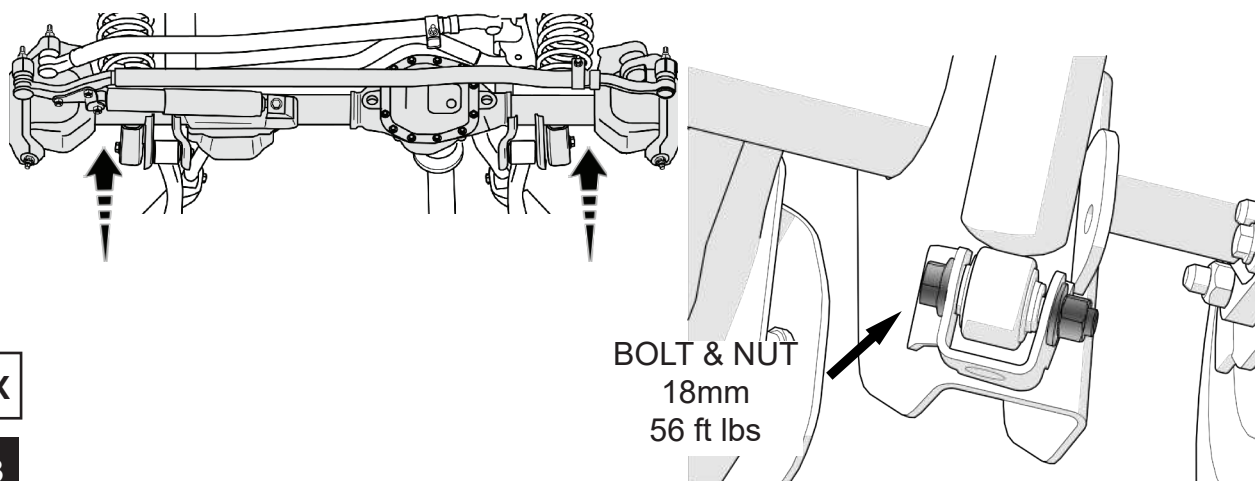
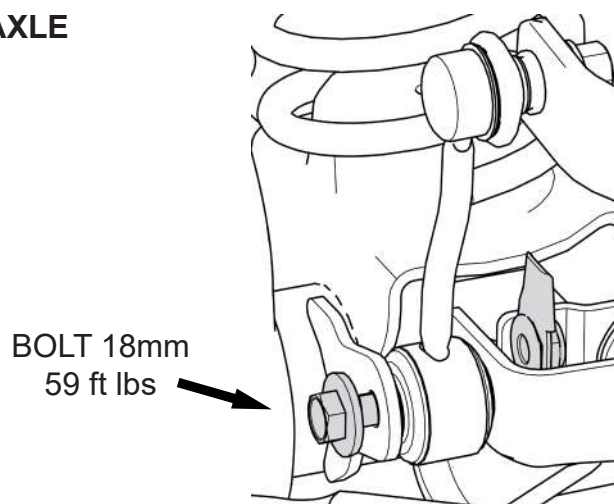


2X

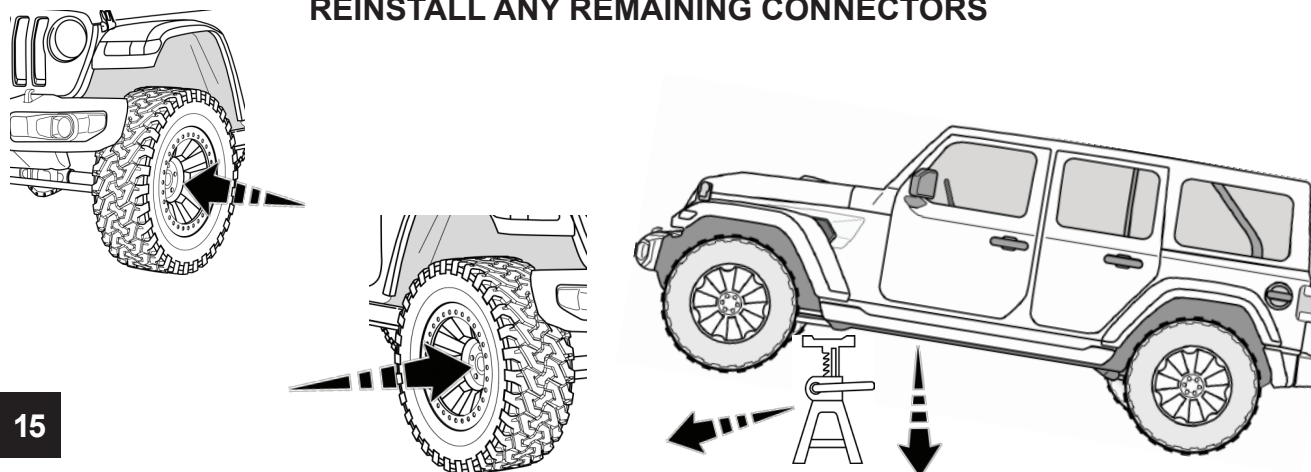
11

FULLY SEAT THE SPRINGS INTO THE LOWER SPRING ISOLATOR

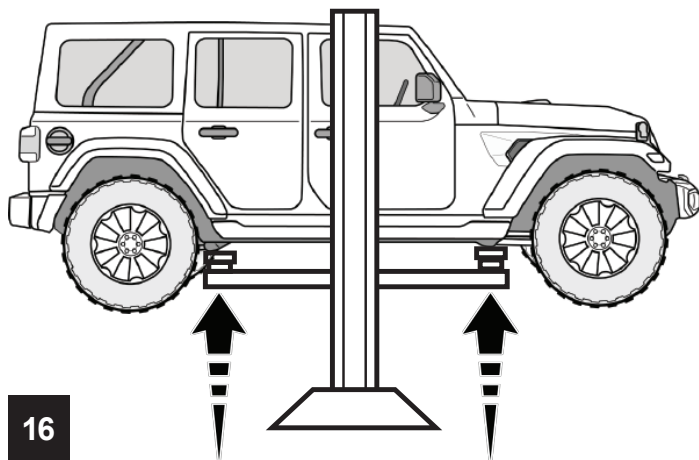
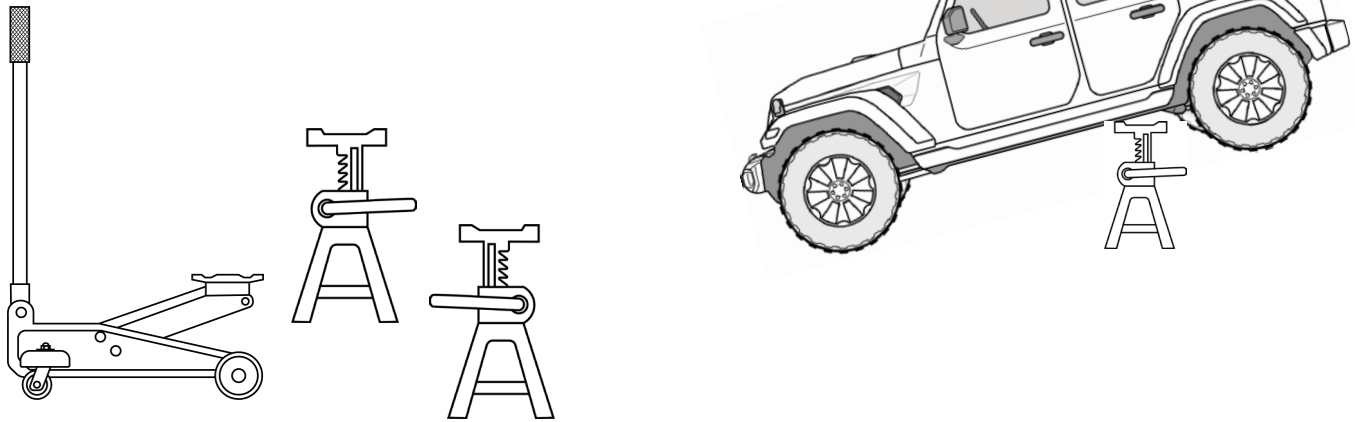


RAISE AXLE & INSTALL SHOCKS**2X****13****REINSTALL SWAY BAR LINK AT AXLE****2X****14**

**NOTE: IF ONLY FRONT OF JEEP WAS LIFTED, REINSTALL TIRES AND LOWER JEEP BACK TO THE GROUND BEFORE LIFTING THE REAR
REINSTALL ANY REMAINING CONNECTORS**

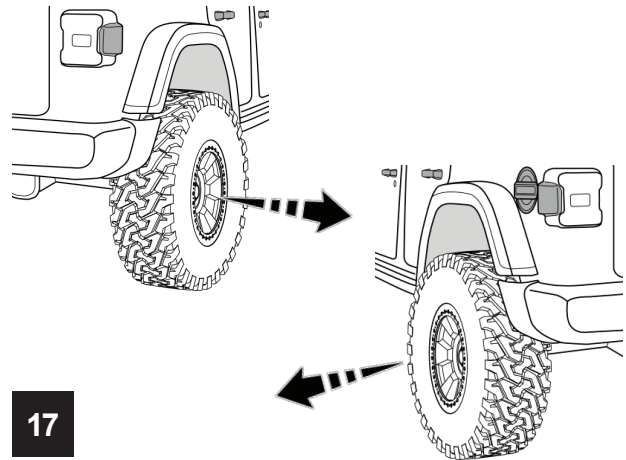


REAR INSTALL LIFT AND SUPPORT AT FRAME



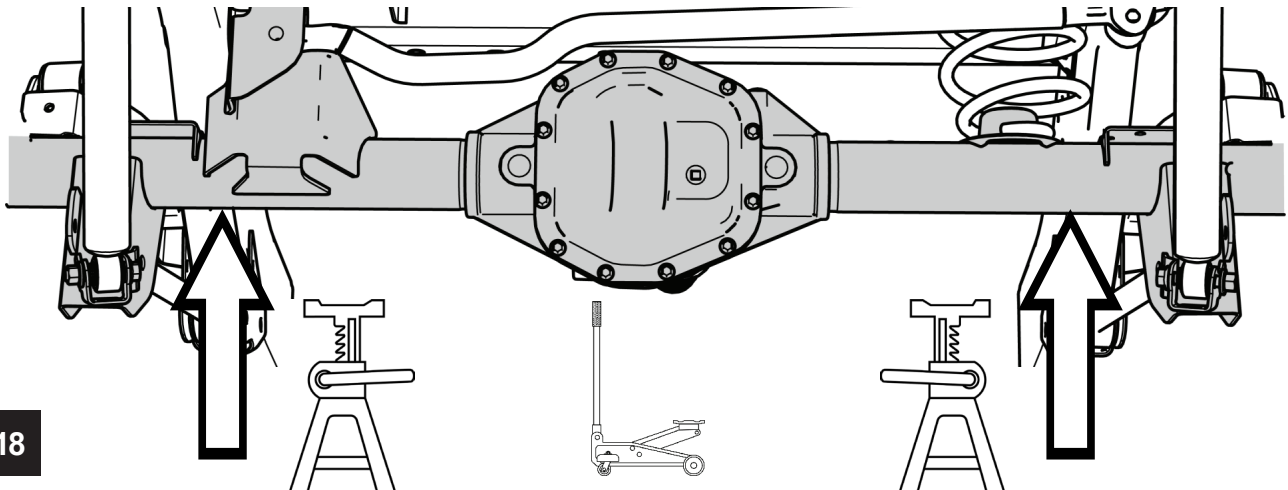
16

REMOVE REAR TIRES



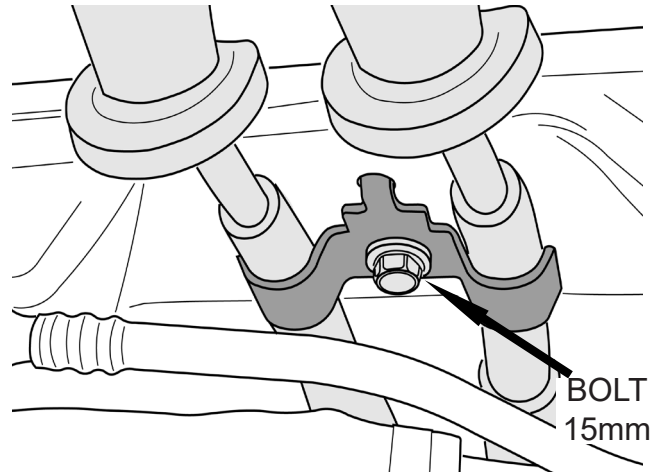
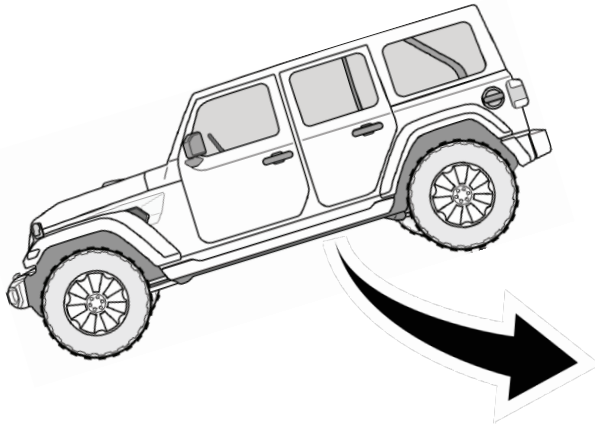
17

SUPPORT REAR AXLE



18

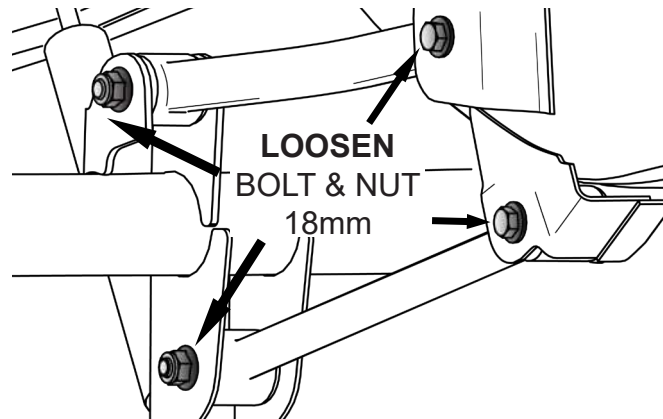
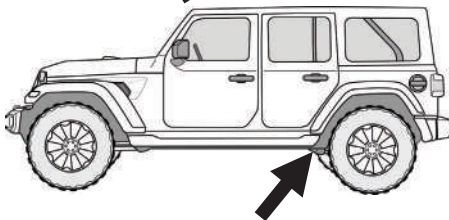
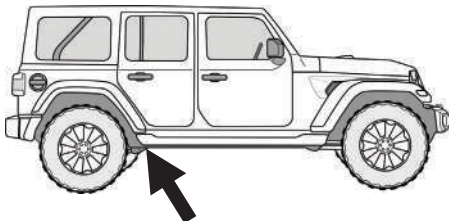
REMOVE E-BRAKE CABLE BRACKET AND DISCARD



19

LOOSEN REAR CONTROL ARM BOLTS

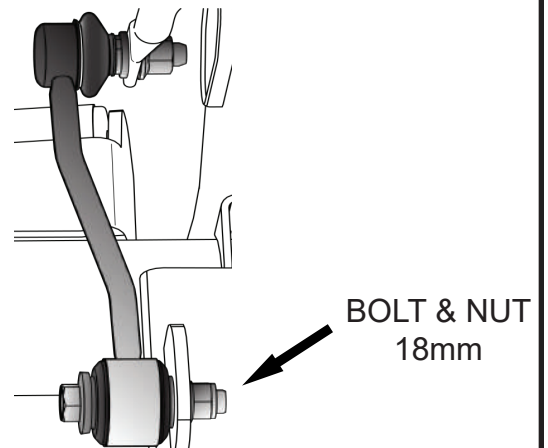
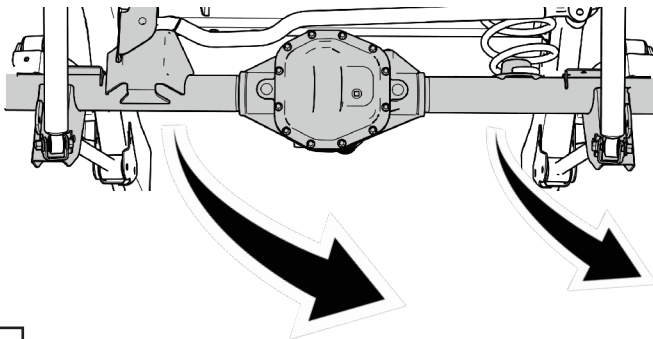
DO NOT REMOVE THE CONTROL ARM BOLTS



2X

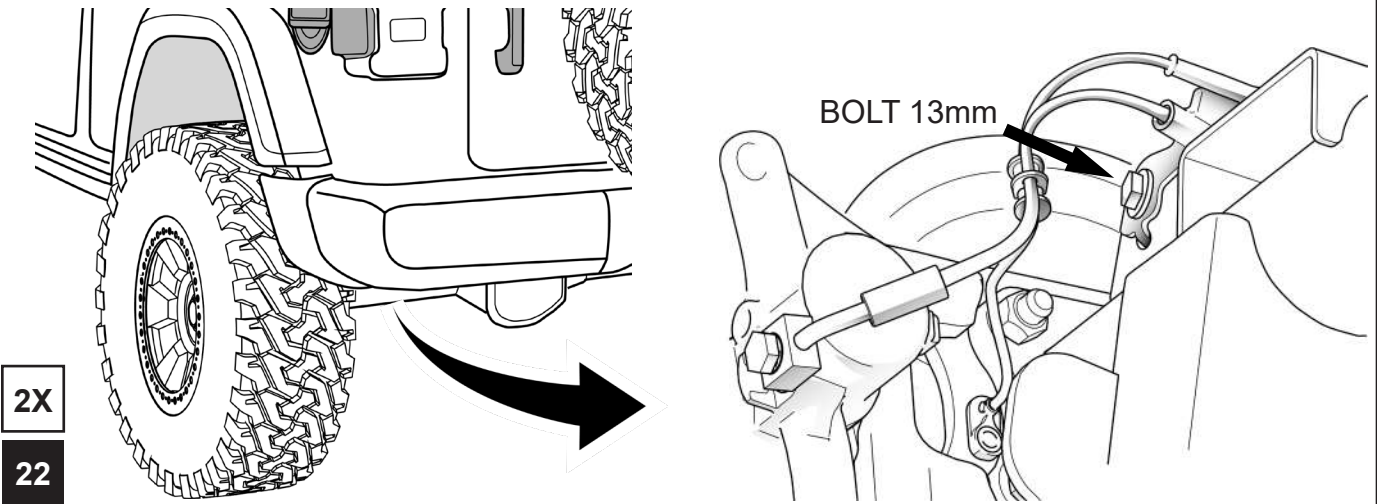
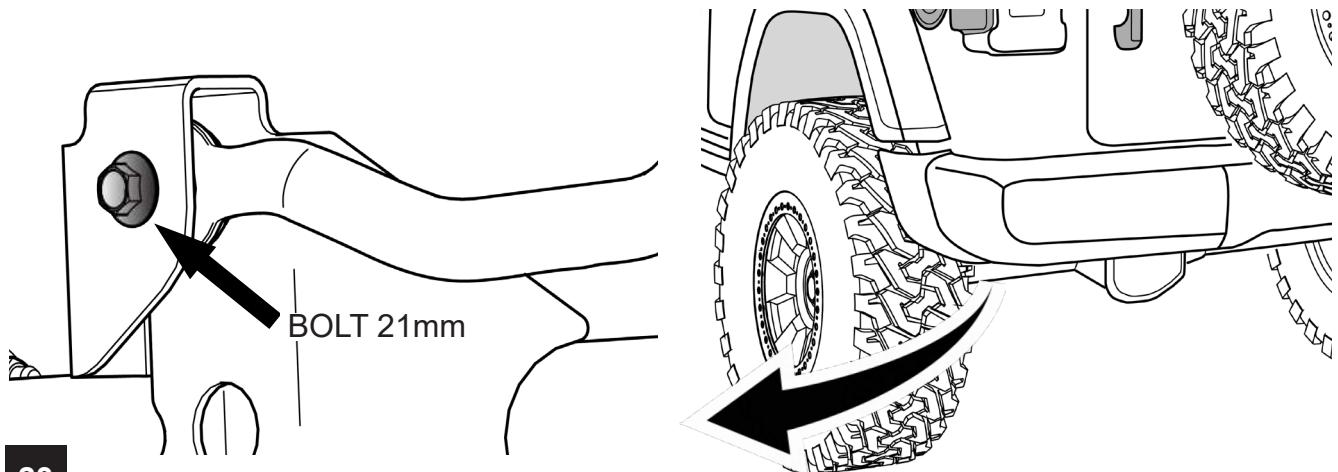
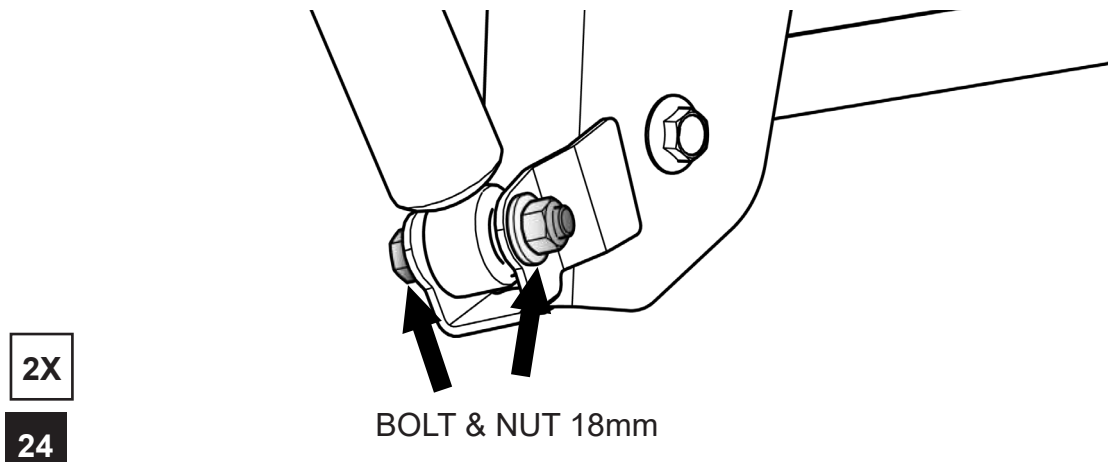
20

REMOVE SWAY BAR LINKS AT THE AXLE

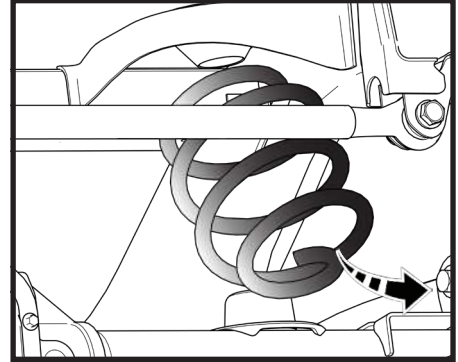
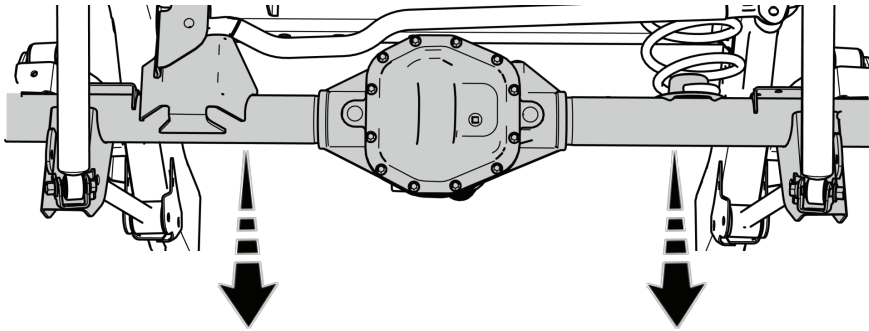


2X

21

REMOVE BRAKE LINE BRACKETS FROM BOTH SIDES OF THE AXLE**REMOVE THE TRACK BAR FROM THE AXLE****REMOVE THE REAR SHOCKS AT THE AXLE**

LOWER AXLE & REMOVE REAR SPRINGS



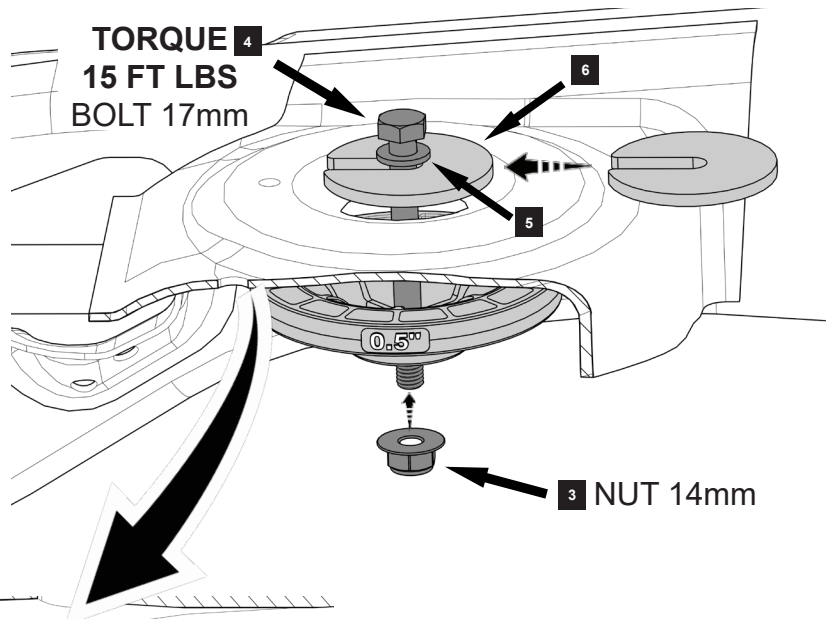
2X

25

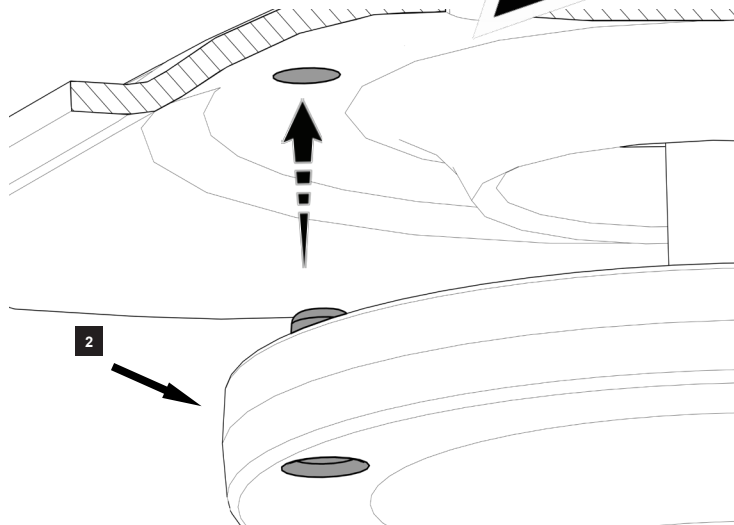
NOTE: REMOVE ANY PLASTIC RETAINERS FROM WIRING OR HOSES AS NEEDED.

**INSTALL .5" SPRING SPACERS
ALIGN THE SPRING SPACER
PIN WITH THE HOLE IN THE
UPPER SPRING MOUNT.**

TORQUE 4
15 FT LBS
BOLT 17mm



3 NUT 14mm

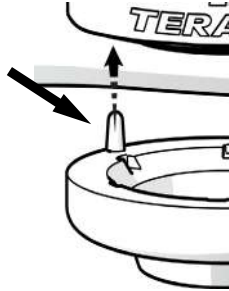


2X

26

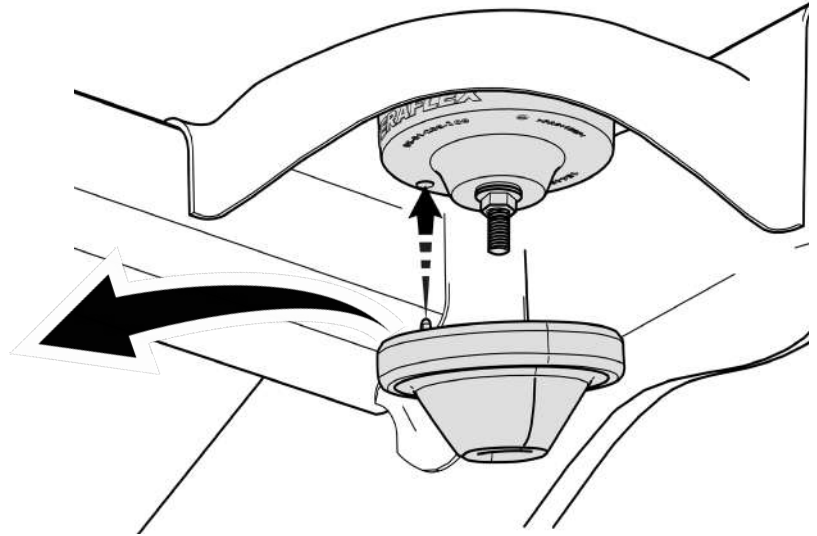
REINSTALL FACTORY SPRING ISOLATOR. ALIGN ISOLATOR PIN WITH THE HOLE IN THE SPACER.

**TRIM TO FIT
(ABOUT HALF)**



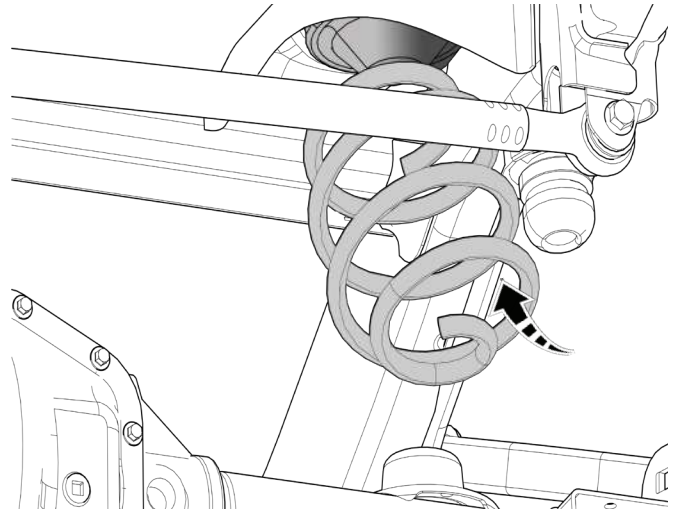
2X

27



INSTALL REAR SPRINGS

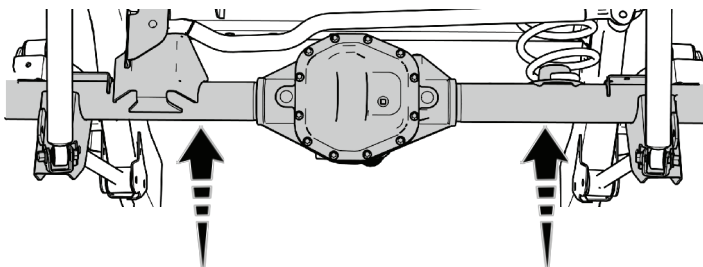
NOTE: MAKE SURE TO FULLY SEAT THE SPRINGS INTO THE UPPER SPRING ISOLATOR



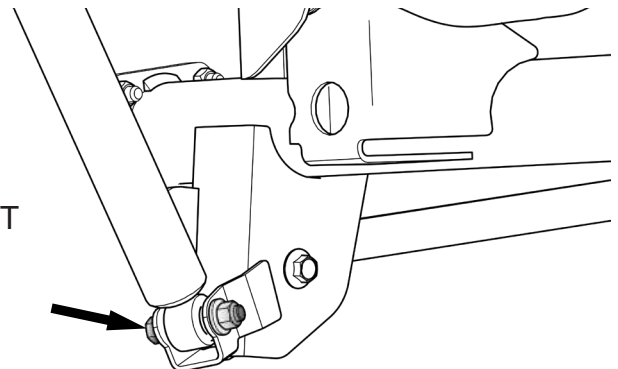
2X

28

RAISE THE REAR AXLE AND INSTALL SHOCKS



BOLT & NUT
18mm
56 ft lbs



2X

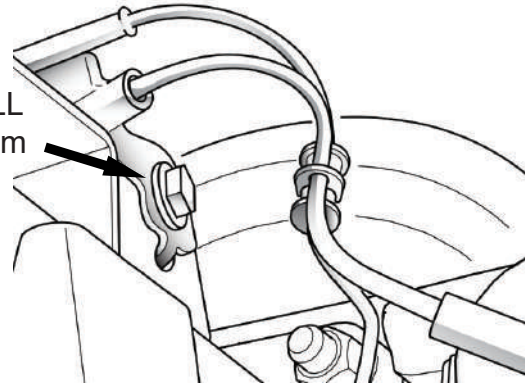
29

REINSTALL BRAKE LINE BRACKETS AT THE AXLES

RECONNECT PLASTIC RETAINERS FROM
WIRING OR HOSES AS NEEDED

**NOTE: DO NOT TIGHTEN THE
CONTROL ARM BOLTS UNTIL
THE JEEP IS ON THE GROUND**

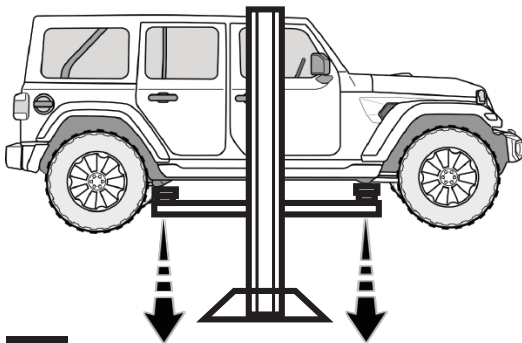
REINSTALL
BOLT 13mm



2X

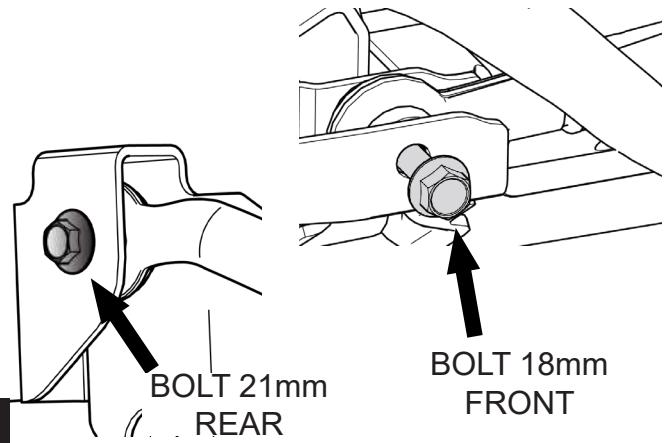
30

REINSTALL TIRES AND LOWER TO
THE GROUND



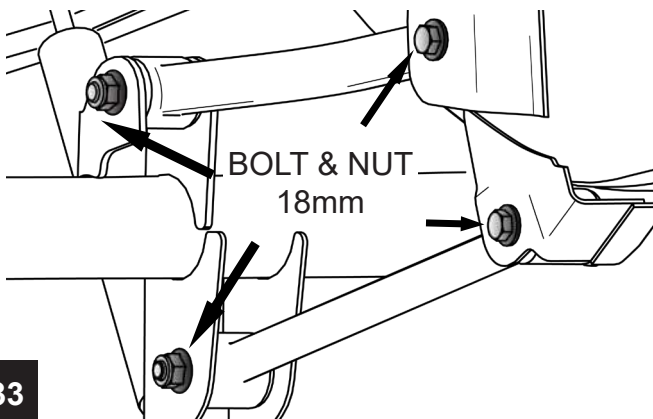
31 TORQUE TO FACTORY SPEC

REINSTALL TRACK BARS AND
TORQUE TO FACTORY SPECS



32

TORQUE FRONT AND REAR CONTROL ARM BOLTS TO FACTORY SPECS



33

