



**PART# 949942**

**2019+ JEEP GLADIATOR 4WD**

**4" LIFT KIT**



4 HOUR INSTALL TIME



Recommended Tire size  
40x13.50

Components	Hardware	Hardware Pack #
(2) 759945 FRONT COILS (2) 739925 REAR COILS (1) 999800 FRONT TRAC BAR (2) 8397FBS FRONT BUMP STOPS (2) 8899RBS REAR BUMP STOPS (2) 8899RSB SWAY BAR END LINKS (2) 8899RB REAR BRAKE BRACKETS	(2) 7/16-14 X 2 1/2" BOLTS (2) 7/16 FLAT WASHERS (4) M8-1.25 X 20 BOLTS (4) M8-1.25 NYLOCK NUTS (8) M8 FLAT WASHERS (2) M6-1.0 X 16 BOLTS (2) M6-1.0 NLOCK NUTS (4) M6 FLAT WASHERS (2) M12-1.75 X 65 BOLTS (2) M12-1.75 NYLOCK NUTS (4) M12 FLAT WASHERS	9499H
MAX TRAC SHOCKS (2) 2800LL-11 FRONT SHOCKS (2) 2800LL-4 REAR SHOCKS		
OR		
FOX SHOCKS (2) 770928-11 FRONT SHOCKS (2) 770928-4 REAR SHOCKS		

**Please double check the parts list before beginning installation to ensure all parts are present. If there is something missing, please contact Maxtrac Suspension (714) 630-0363. Please have the boxes present if parts are missing or damaged**

**PRIOR TO INSTALLATION:**

1. Factory service manual is recommended to have on hand.
2. Secure and properly block vehicle prior to beginning installation.
3. Always wear safety glasses when using power tools or working under the vehicle
- 4 Modification to any part will void the warranty associated with that product

AFTER REMOVING PARTS FROM VEHICLE, SAVE HARDWARE FOR REINSTALLATION



**Step 1** Jack up the front of the vehicle and support under the frame rails with jack stands. Leave an adjustable jack under the middle of the axle and apply some pressure.



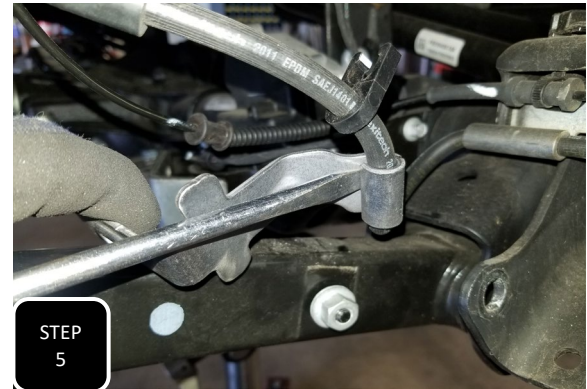
**Step 2** Unbolt both front sway bar end links from both ends and remove. **NOTE: THEY WILL NOT BE RE-INSTALLED.**



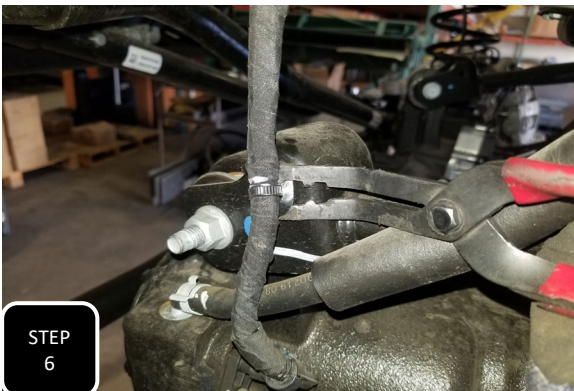
**Step 3** Unbolt both front shocks at both ends and remove. **NOTE: THEY WILL NOT BE RE-INSTALLED.**



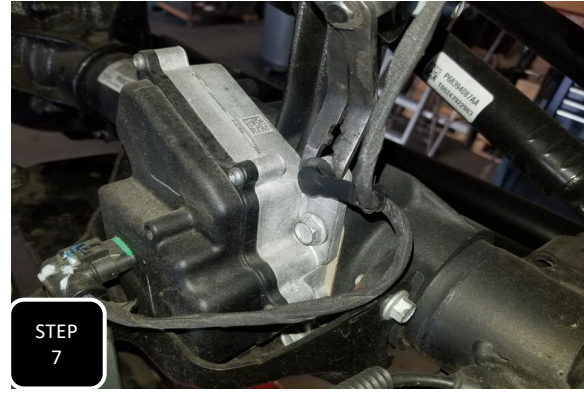
**Step 4** Unbolt the front brake line guide bracket at both lower control arms. Using a suitable cutting device, cut a line about half way into where the bracket wraps the brake line to create a weak spot. **NOTE: BE VERY CAUTIOUS NOT TO NICK OR CUT THE LINE.**



**Step 5** Once cut, use a screw driver to pry open the wrap around the line and remove the bracket.



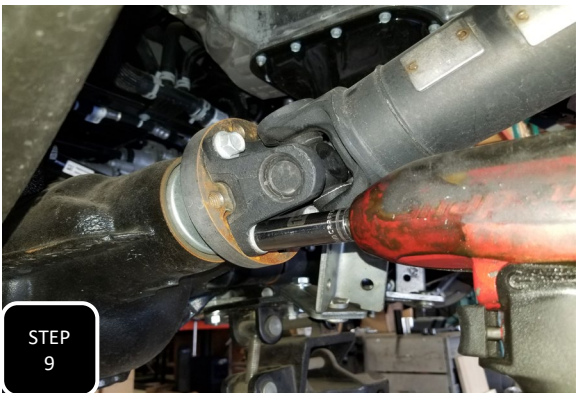
**Step 6** Un-clip the diff plug wire guide from the driver's side upper control arm clevis and then separate the plug from the diff. This will prevent the wire from getting damaged when removing the coils.



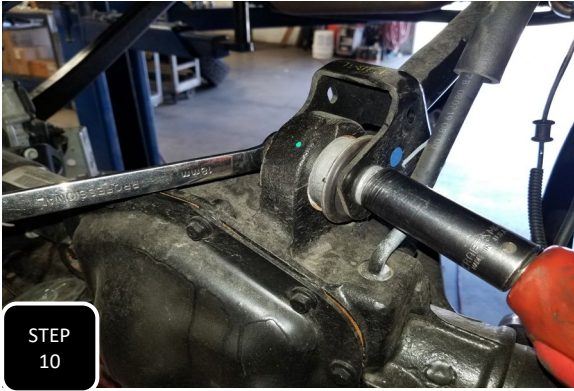
**Step 7** Separate the wire wire guide from the passenger side upper control arm and then from the motor housing on the axle to allow for more slack when removing the coils.



**Step 8** Unbolt the front trac bar from both ends and remove. **NOTE: THE FRONT TRAC BAR WILL NOT GET RE-USED.**



**Step 9** Remove all four of the front drive shaft mounting bolts at the differential and separate the drive shaft from the drive flange. Support the drive shaft up out of the way.



**Step 10** Loosen all four bolts that attach each of the control arms to the front axle, but do not remove.  
**NOTE: THIS WILL ALLOW FOR THE AXLE TO DROP LOWER AND MAKE IT EASIER TO INSTALL THE NEW COILS.**



**Step 11** Lower the front axle down and remove both front coils.



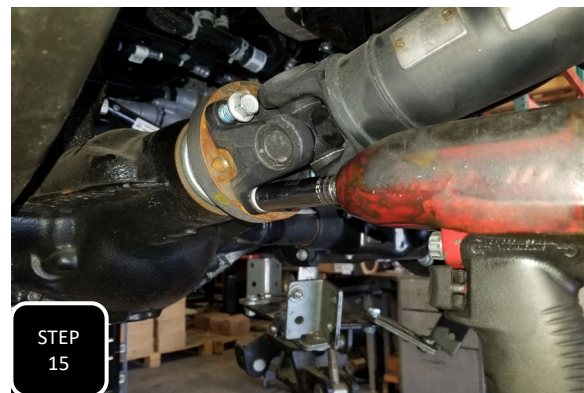
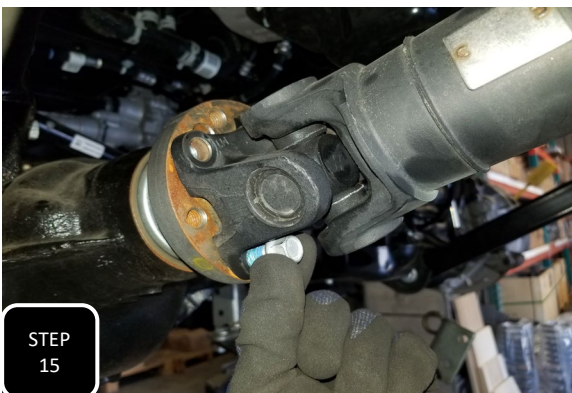
**Step 12** Before installing the new coils, you will need to thread the hole in the coil seat on the axle using a 7/16-14 tap.



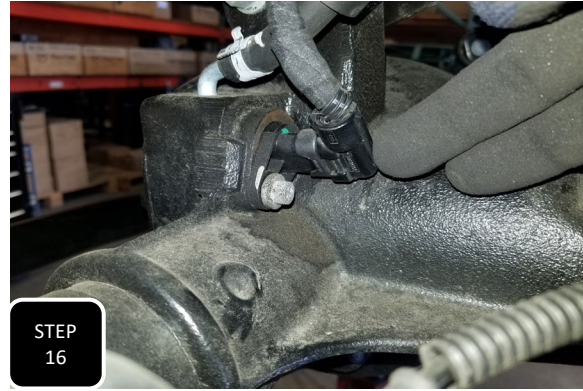
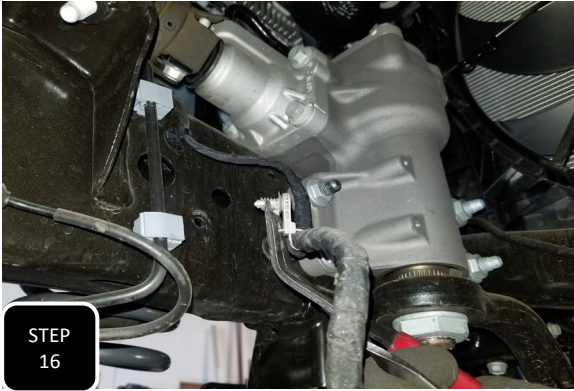
**Step 13** Locate the front bump stop extensions and hold them right side up, inside the new coil, while installing the new coils. Once the coils are seated, attach the bump stop extensions using the provided 7/16-14 x 2 1/2" bolt and washer, then tighten.



**Step 14** Install the hardware into your front shocks (This kit utilizes the same length shock for F&R) and install them onto the truck and tighten. **NOTE: THE USE OF A VISE AND DIFFERENT SIZED SOCKETS WILL ALLOW FOR AN EASY REMOVAL OF THE OLD SHOCK SLEEVE AND THE INSTALL OF THE NEW SLEEVES.**



**Step 15** Re-attach the drive shaft to the front diff using the factory bolts and tighten.



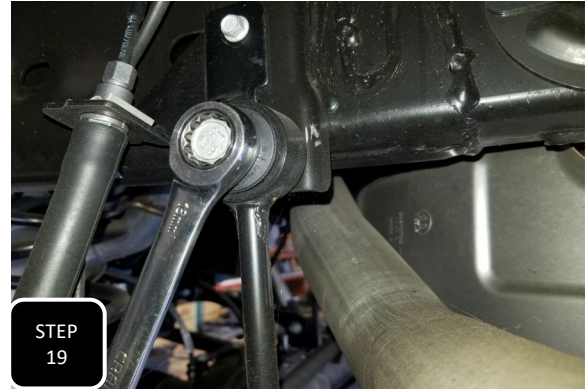
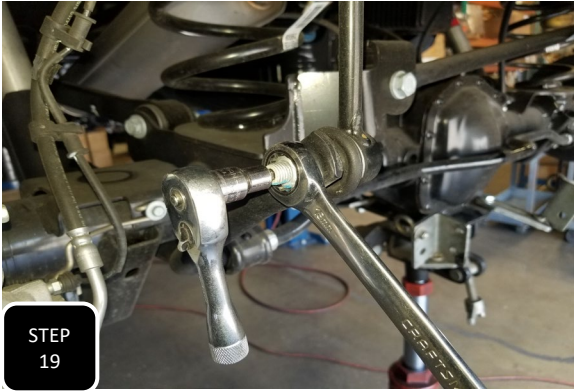
**Step 16** Unclip the wire guide for the front diff plug from the inside of the frame near the steering box. This will allow for more slack in the line and you can now re-attach the plug to the diff.



**Step 17** Re-attach all other wire guides that were disconnected during the disassembly process.



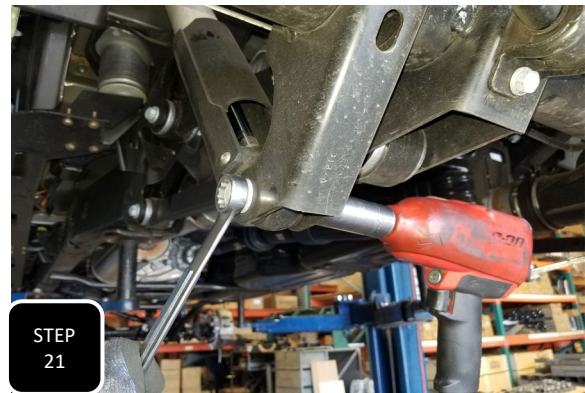
**Step 18** Loosely attach the new adjustable front trac bar using the factory hardware. **NOTE: DO NOT WORRY ABOUT FULLY TIGHTENING OR ADJUSTING THE TRAC BAR UNTIL THE VEHICLE IS BACK ON THE GROUND AT RIDE HEIGHT.**



**Step 19** Go to the rear of the vehicle and remove the factory sway bar end links. They will now be utilized in the front.

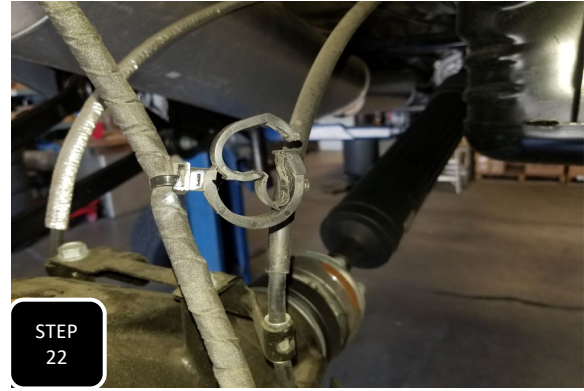


**Step 20** Install the rear sway bar end links in the front of the vehicle using the factory hardware. You will need to use the provided thick and thin gold washers to allow for a snug fit on the passenger side axle mount.



**Step 21** Move to the rear of the vehicle and support the diff with an adjustable jack. Once supported, unbolt both shocks at both ends and remove.





**Step 22** Unbolt both rear brake line brackets at the frame and then separate the clip that attaches the rear diff wiring to the e-brake cable near the diff.



**Step 23** Loosen all 4 control arm mounting bolts enough to take tension off of the bushings. This will allow for an easier install of the new coils.



**Step 24** Lower the axle and remove both coils. Transfer over the rubber isolator to the new coils and install them both into the vehicle.



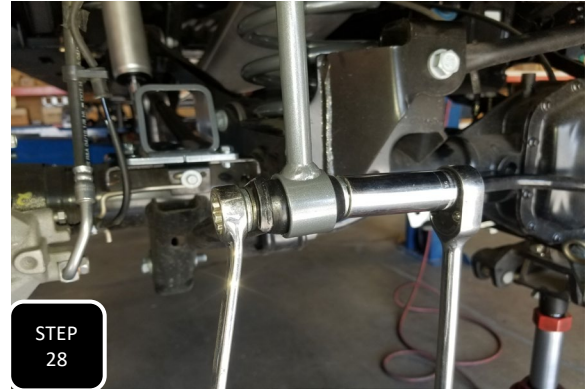
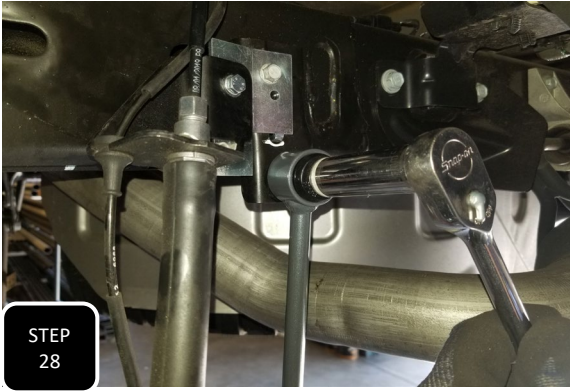
**Step 25** Attach the provided rear brake line brackets to the factory brake line bracket using the provided M6 bolt, nut, and washer. Then attach the bracket to the original brake line mounting hole using the factory bolt and tighten. **NOTE: THE BRACKETS ARE SIDE SPECIFIC SO AND WILL ONLY FIT ONE WAY.**



**Step 26** Install both rear bump stop extensions using the provided M8 bolts, nuts, and washers. Install the the extension with the square tube angling forward on the vehicle.



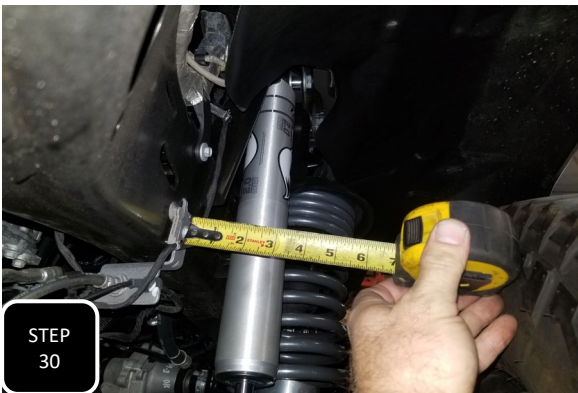
**Step 27** Using a vise and some different sized sockets, press the old sleeves out of the shock bushings and the new sleeves in. Next, install the shocks using the factory hardware and tighten. **NOTE: IT WILL EASE THE PROCESS TO REMOVE THE OLD SLEEVE, GREASE THE BUSHING, THEN INSTALL THE NEW SLEEVE.**



**Step 28** Install the new rear sway bar end links using the factory bolt at the frame and the provided M12 bolt, nut, and washers at the sway bar. **NOTE: THERE IS A NARROW BUSHING AND A WIDER BUSHING ON THESE END LINKS. MAKE SURE THE NARROW BUSHING GETS ATTACHED AT THE FRAME.**



**Step 29** Install the wheels and tires and then lower the truck down so it is now on the ground at ride height. Fully tighten all of the control arms that you loosened and the front trac bar at both ends.



**Step 30** Using a tape measure, find a constant spot to measure the distance between the inside of each front tire to the frame. Loosen the clamps on the adjustable front trac bar and adjust the length of the trac bar until you read the same measurement on both sides. Then tighten down the clamps.



**Step 31** Position the front tires until they are evenly facing forward. Loosen the tension clamp on the drag link and adjust it until the steering wheel is straight again, then tighten the tension clamp back down.

## **AFTER MODIFYING YOUR SUSPENSION**

**\*HAVE THE VEHICLE'S ALIGNMENT CHECKED**

**\*PROPERLY ADJUST YOUR HEAD LIGHTS FOR THE NEW STANCE OF THE SUSPENSION**

**\*RE-TORQUE ALL BOLTS AFTER 500 MILES**

**\*IF YOUR VEHICLE IS EQUIPPED WITH ADAPTIVE CRUISE CONTROL THEN THE SENSORS WILL NEED TO BE ADJUSTED FOR THE NEW STANCE OF THE SUSPENSION**