



PART# 221303 (Single Strut)
371303 (Pair of Struts)

2007-2018 GM 1500 2WD/4WD
2007-2020 GM SUV 2WD/4WD
(DOES NOT FIT MAGNE-RIDE MODELS)

0-3" FRONT LOWERING STRUTS



3 HOUR INSTALL TIME



Recommended Tire size
31x10.50

Components
(2) LOWERING STRUT
(2) LOWER COIL SEAT
(2) SNAP RING
(2) SNAP RING RETAINER
(2) M14-2.0 NYLOCK NUT

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 your vehicle and support under the frame with jack stands.



Step 2 Unbolt and remove the sway bar end link.



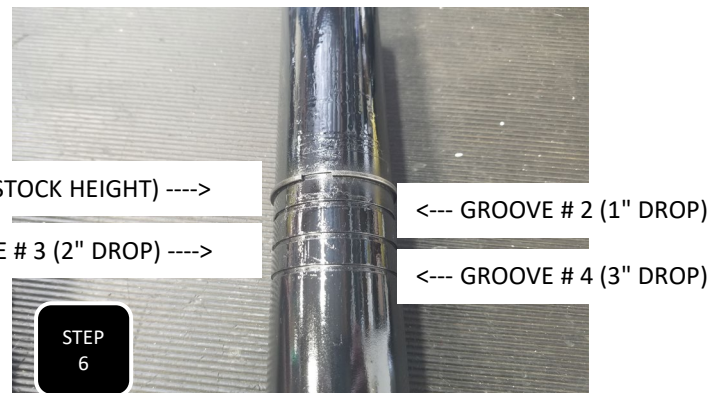
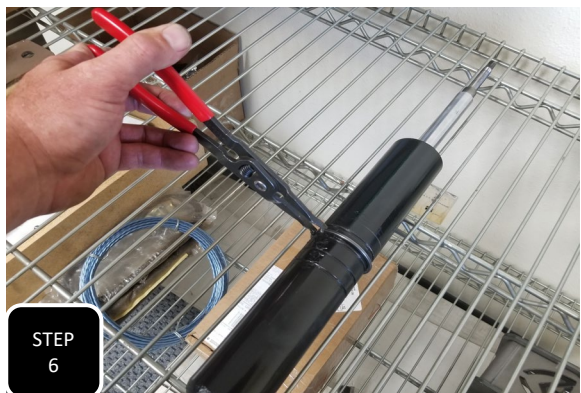
Step 3 Unbolt the two mounting bolts at the bottom of the strut along with the three nuts at the top of the strut and remove the strut through the opening in the lower control arm.



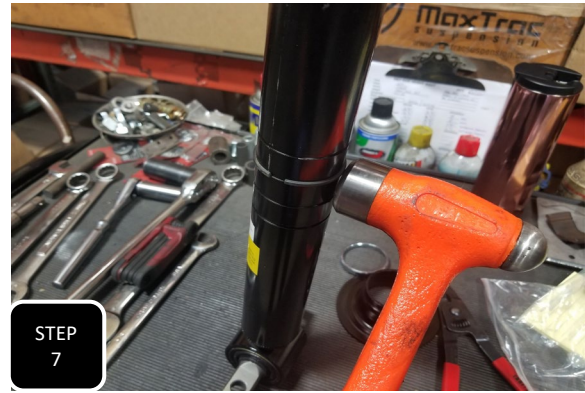
Step 4 Using an automotive coil/strut compressor, compress the coil so that the strut can be disassembled safely and then remove the nut at the center of the strut top.



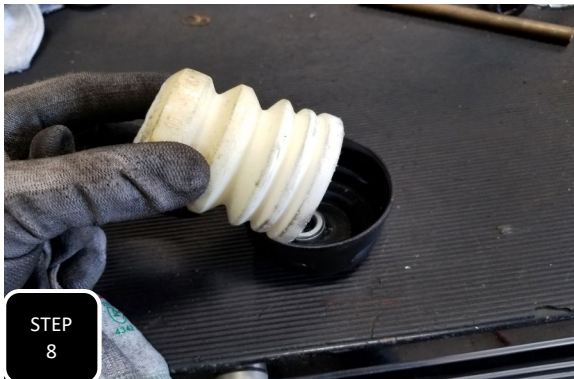
Step 5 Once the nut is removed, pull the strut top off, remove the bump stop and remove the strut out the bottom of the coil.



Step 6 Locate your new struts and set the ring to the proper groove according to the chart above. Make sure the snap ring fully engages into the groove.



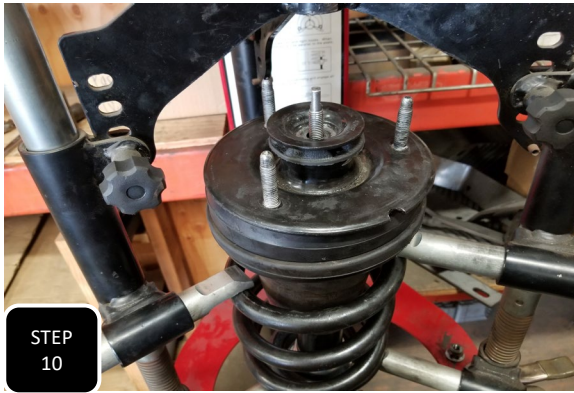
Step 7 Slide the snap ring retainer over the snap ring. If the retainer does not slide over the ring, then tap the ring with a hammer to fully seat it and then install the retainer. **NOTE: THE RETAINER MUST GO COMPLETELY OVER THE SNAP RING AND SEAT OR YOUR SUSPENSION COULD FAIL.**



Step 8 Locate the factory bump stop, remove it from the metal cup, and cut one rib off of the end of it.



Step 9 Slide the new coil seat onto the strut, then install the strut up through the bottom of the coil. Next, slide the bump stop onto the shaft of the shock.



Step 10 Re-install the strut top and tighten down using the provided M14 nylock nut. **NOTE: MAKE SURE TO PROPERLY CLOCK THE STRUT TOP WITH THE BOTTOM OF THE STRUT.**

Step 11 Reverse steps 2 and 3 for re-installation.

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