



**PART# 222403**  
**2009-2018 RAM 1500 4WD**  
**2019+ RAM 1500 2WD/4WD**  
**0-3" LOWERING STRUTS**



3 HOUR INSTALL TIME



Recommended Tire size  
 31x10.50

**Components**

(2) 222403 ADJUSTABLE STRUT
(2) LOWER COIL SEAT
(2) RETAINER RING
(2) M14-2.0 NLOCK 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

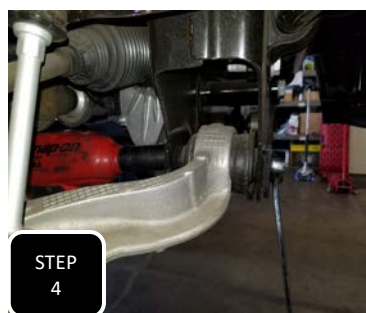
**Step 1** Jack up the front of the vehicle and support under the frame rails with jack stands. Keep an adjustable jack under the differential for height adjustment.



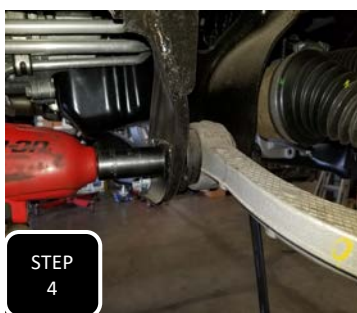
**Step 2** Un-bolt the sway bar end link at the lower control arm.



**Step 3** Make a reference mark on both alignment cam bolts as guide when re-installing.



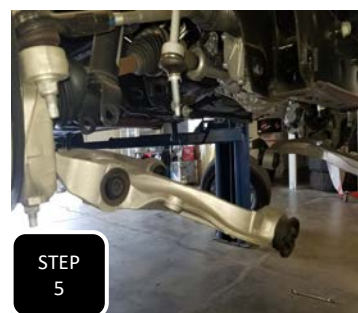
STEP  
4



STEP  
4



STEP  
5



STEP  
5

**Step 4** Un-bolt and remove both alignment cam bolts attaching the lower control arm to the frame.

**Step 5** Remove the bolt attaching the strut to the lower control arm and allow the lower control arm to hang by the ball joint.



STEP  
6



STEP  
6



STEP  
7



STEP  
7

**Step 6** Un-bolt the strut at the top by removing all 3 nuts and remove the strut.

**Step 7** Compress the coil using a strut compressor and remove the nut at the center of the strut top. **NOTE: IF THE THREADS HAVE ANY RUST, SPRAY WITH WD-40 AND LET SOAK FOR A FEW MINUTES.**

<b>GROOVE # 1,</b>	2019+	<b>STOCK HEIGHT</b>
<b>GROOVE # 2,</b>	2019+	<b>1" DROP</b>
<b>GROOVE # 3,</b>	2009-18	<b>STOCK HEIGHT</b>
<b>GROOVE # 4,</b>	2019+	<b>2" DROP</b>
<b>GROOVE # 5,</b>	2009-18	<b>1" DROP</b>
<b>GROOVE # 6,</b>	2019+	<b>3" DROP</b>
	2009-18	<b>2" DROP</b>
<b>GROOVE # 7,</b>	2009-18	<b>3" DROP</b>



STEP  
9

**Step 8** The new strut has 7 grooves for the specified year range and desired ride height. Choose your groove based on the chart above or the picture on the back of the instructions.

**Step 9** Install the retaining clip onto the desired groove using retaining ring pliers and make sure it fully engages into the groove.



**Step 10** Install the provided lower coil seat and then transfer over the factory bump stop.



**Step 11** Install the factory strut top on the new strut using the provided M14 nut and tighten down.

**Step 12** Remove the strut from the strut compressor and reverse steps 4-6 for re-assembly.

**Step 13** Repeat steps 2-11 on the other side. **NOTE: DO NOT ATTACH THE SWAY BAR END LINKS UNTIL BOTH STRUTS HAVE BEEN INSTALLED.**

