



**PART# 7121MR-2**

**2019+ GM 1500 2WD/4WD  
MODELS WITH ADAPTIVE RIDE SUSPENSION**

**REAR SENSOR PROVISIONS  
FOR 2" LOWERING SHACKLES**



**1 HOUR INSTALL TIME**

### **Components**

**(1) 3019MR-1 BENT TAB BRACKET**

**(1) 3019MR-2 SENSOR BRACKET**

**(1) 3019MR-5 ROUND SPACER**

**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** With the rear of the vehicle jacked up and the driver's side wheel removed, unbolt the two mounting screw attaching the inner fender liner to the bed.



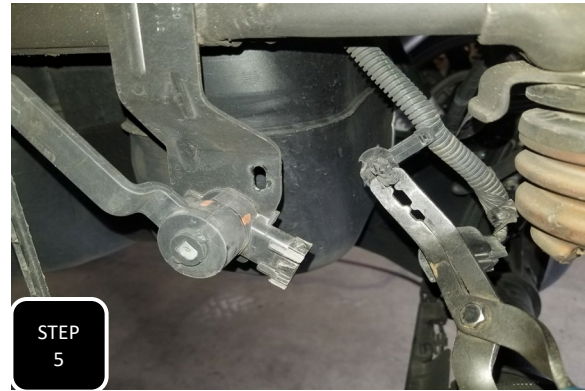
**Step 2** Pull open the wheel well liner and find a way to hold it open. **NOTE: PICTURE # 2 SHOWS USING A BUNGY CORD ATTACHED TO THE DOOR HANDLE TO HOLD IT OPEN.**



**Step 3** Using a set of pliers or a large flat head screw driver, pry the sensor rod end off of the mounting ball at the leaf spring.



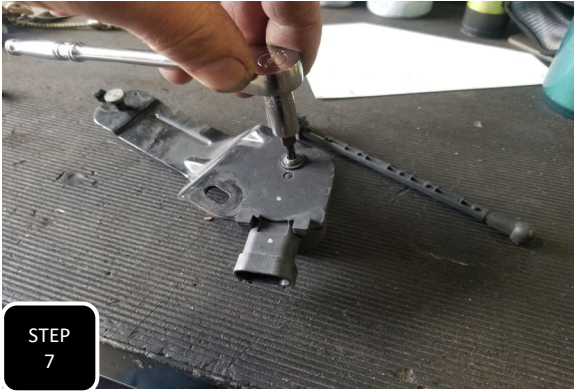
**Step 4** Remove the red safety clip from the plug on the sensor located on the frame and then un-plug the sensor.



**Step 5** Using a pair of suitable mounting clip pliers, remove the clip attaching the wire harness to the sensor mounting bracket.



**Step 6** Loosen the mounting nut for the sensor, but do not completely remove. Using a small hammer, tap the end of the mounting stud inward to release its press fitting. The nut will catch the stud and then the whole bracket and sensor can be removed.



**Step 7** Place the sensor face down on a bench and remove the torx head mounting screw. Next, separate the sensor from its mounting bracket.



**Step 8** Locate the new, shorter, sensor mounting bracket and attach it to the sensor using the factory bolt and tighten.



**Step 9** Locate the round sensor spacer, slide it onto the factory mounting stud and then loosely install the stud onto the frame. Next, loosely install the bent tab plate over the round spacer.



STEP  
10

STEP  
10

**Step 10** Slide the sensor mounting bracket onto the stud and then loosely install the factory nut backwards, with the flange washer away from the bracket. **NOTE: THE NUT IS NOT THREADED ALL THE WAY DOWN TO THE FLANGE OF THE NUT AND WOULD BE VERY DIFFICULT TO GET STARTED THE CORRECT WAY.**



STEP  
11

**Step 11** Using an open ended wrench, tighten down the nut until the stud is fully pressed into the new mounting plates and the nut gets tight.



STEP  
12



STEP  
12

**Step 12** Loosen the nut, flip it around the correct way and fully tighten it.



**Step 13** Re-connect the plug at the sensor and then re-insert the red safety clip.



**Step 14** Once the lowering shackles have been installed then re-attach the sensor rod to the factory mounting plate at the axle.