

READ THE INSTRUCTIONS THOROUGHLY AND COMPLETELY BEFORE BEGINNING THE INSTALLATION.



**PART# 101320A**  
**2" FORGED ALUMINUM FRONT LOWERING SPINDLES**  
**2007- EARLY 2016 GM 1500**  
**(W/ STEEL SUSPENSION)**

1	Drivers side spindle	2	M6-1.0 x 16 Hex cap screw
1	Passenger side spindle	2	M6 Flat washer
2	16mm x 2.0 Jam nut	2	3/8" Adel clamp
2	5/8 Internal tooth lock washer	6	Flat washer



Approximate install time 2.0hrs.



Will work with 18" OE offset wheels.  
Wheels 20" and below may require trimming of tie-rod & lower ball joint.

**NOTE**

Please double check the parts list before beginning installation, to ensure all parts are present. if there is something missing, please contact MaxTrac Suspension immediately (714)-630-0363.

**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. **Modifications to any part will void the warranty associated with that product.**

⚠ **AFTER REMOVING PARTS FROM VEHICLE: SAVE HARDWARE FOR REINSTALLATION.**

⚠ **AFTER INSTALLATION: 1.) Check torque on all fasteners for proper torque 2.) Re-adjust headlight settings to account for change in height and angle 3.) Re-check torque after 500 miles.**

**STEP 1:** Jack up the front of the vehicle and support under the frame rails using jack stands. Remove the front tires and begin with either side.

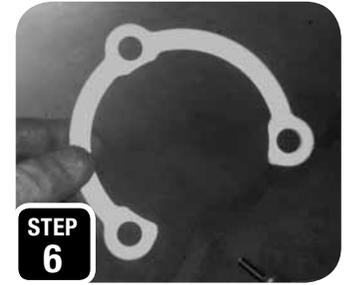
**STEP 2:** Unbolt the tie rod from the spindle and break loose by hitting the side of the steering arm with a hammer. *(never hit the rod end on the treads)*

**STEP 3:** Unbolt both brake caliper bolts and support the caliper out of the way. *(do not allow the brake caliper to hang by the brake line)*

**STEP 4:** Unbolt the rotor retainer bolt and remove the rotor.



**STEP 5:** Unbolt the abs sensor from the spindle. Then unbolt the guide bracket at the top, separate the grey clip from the bracket, and remove the clip from the abs wire.



**STEP 7:** Loosen the upper and lower ball joints but do not remove the nuts yet.



**STEP 8:** Break the ball joints loose by hitting the side of the spindle at each ball joint with a hammer. (never hit the ball joint on the threads) the nut will catch the spindle, then remove the nuts and remove the spindle.



**STEP 9:** Install the new forged aluminum spindle and tighten both ball joints.



**STEP 10:** Re-install the wheel bearing using the factory bolts and 14mm provided washers.

**STEP 11:** Install the abs sensor and tighten



**STEP 12:** Safely guide the abs wire with a curve and attach to the top of the spindle using the provided adel clamp and bolt. Once tight, bend the clamp upward so that it touches the head of the bolt.

**STEP 13:** Install the rotor and tighten the retainer bolt.

**STEP 14:** Re-install the brake caliper and tighten both bolts.



**STEP 15:** Attach the tie rod to the spindle and tighten



**STEP 16:** If re-installing the factory 18" rims, the factory tie rod will need to be marked and trimmed to clear the wheel. You will also need to install the provided jam nuts and lock washers,

then trim the excess of the lower ball joint right at the jam nut so that there is clearance between the ball joint and the rim. This may be necessary for some 20" rims also.



EXAMPLE OF TRIM



TIE-ROD



LOWER BALL JOINT

**NOTE**

**CHECK THE VEHICLES TOE BEFORE DRIVING THEN GET THE VEHICLES ALIGNMENT CHECKED AS SOON AS POSSIBLE.  
RE-TORQUE ALL BOLTS AFTER 500 MILES**