PART# 701935
2019+ GM 1500 2WD
3.5" FRONT LIFT SPINDLES

3 HOUR INSTALL TIME

WARNING

Max Trac Suspension recommends using an 18" x 9" wheel w/ 5.5" back spacing. Any wheel that is wider or has less back spacing "i.e. Deep Dish Wheels" can cause component failure and will void the warranty. Max Trac Suspension also recommends using a 35" x 12.5" tire with the spindle only or a 37" x 12.5" tire when combining a strut spacer with our spindle.

Components	Hardware
(1) 701935D DRIVE SIDE SPINDLE	(1) 1/4" LOOM CLAMP
(1) 701935 PASSENGER SIDE SPINDLE	(3) 3/8" LOOM CLAMP
(1) 7019FB-D1 DRIVE SIDE BRAKE LINE BRACKET	(2) 5" ZIP TIE
(1) 7019FB-D2 DRIVE SIDE BRAKE LINE BRACKET	(3) M6-1.0 X 16 HEX CAP SCREW
(1) 7019FB-P1 PASS SIDE BRAKE LINE BRACKET	(3) M6-1.0 NYLOCK NUT
(1) 7019FB-P2 PASS SIDE BRAKE LINE BRACKET	(6) M6 FLAT WASHER

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 safetly 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 of the vehicle and support under the frame rails with jack stands. Remove both front tires and proceed with one side at a time.

Step 2 Remove the nut attaching the outer tie rod to the steering knuckle and then break loose by hitting the side of the spindle with a hammer right at the joint. **NOTE: NEVER HIT THE TIE ROD ON THE THREADS**

Step 3 Unbolt both the brake line bracket and the ABS line bracket from the neck of the spindle and separate. Save the bolts for use during installation.

Step 4 Unbolt both bolts attaching the brake caliper and support the brake caliper up out of the way. **NOTE: NEVER ALLOW THE BRAKE CALIPER TO HANG BY THE BRAKE LINE.**

Step 5 Unbolt the rotor retainer screw and remove the brake rotor.

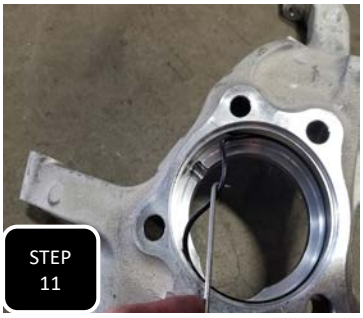
Step 6 Unbolt the front side ABS wire bracket and the ABS sensor mounting bolt, then remove the sensor. Drape the sensor up out of the way so it does not get damaged during the install.

Step 7 Remove the wheel bearing by unbolting all four mounting bolts and set the bearing off to the side. The retainer plate from the back side can be disgarded.

Step 8 Loosen but do not remove the nuts for the upper and lower ball joints.

Step 9 Break each ball joint loose by hitting the side of the spindle, right at the ball joint, with a hammer. The nut will catch the spindle, then remove both nuts and the spindle. **NOTE: NEVER HIT THE BALL JOINT ON THE THREADS.**

Step 10 Attach the new spindle to the control arms using the factory nuts and tighten. **NOTE: IF YOU HAVE INSTALLED A STRUT SPACER THEN THE USE OF A FLOOR JACK TO COMPRESS THE SUSPENSION WILL HELP IN ATTACHING THE SPINDLE.**



Step 11 Using a dental pic or a small screw driver, remove the "O" ring from the hub bore in the factory spindle and re-install it into the hub bore of the new spindle.

Step 12 Locate the factory dust shield and mark a cut out about 1/2" down from the lower brake caliper ear opening. Using a suitable cutting device, cut out this marked section and clean up the edges.

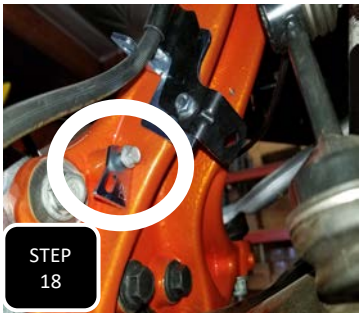
Step 13 Install the wheel bearing along with the factory dust shield using the factory bolts and tighten.

Step 14 Slide the rotor onto the wheel studs and attach it to the hub using the factory retainer bolt.

Step 15 Install the brake caliper using the factory bolts and tighten.

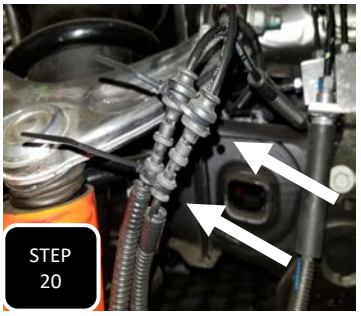
Step 16 Attach the ABS sensor and the guide bracket just above it using factory M6 bolts and tighten.

Step 17 (Driver's Side) Locate the provided bracket D1. Attach the factory brake line bracket to it using the provided M6 bolt, nut, and washer. Next, attach the bracket to the spindle using a factory M6 bolt and tighten both.

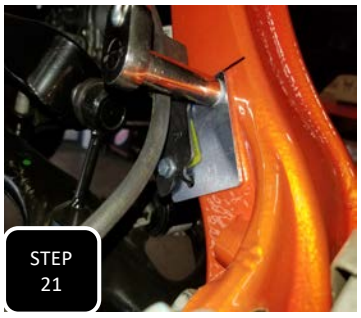


Step 18 (Driver's Side) Locate the provided bracket D2. Attach it to the mounting hole by the upper caliper bolt using a factory M6 bolt. Neatly guide the brake pad sensor wire and attach the two mounting clips to the ovalized holes in the D1 and D2 brackets.

Step 19 (Driver's Side) Neately guide the ABS & brake pad sensor wires up the neck of the spindle and attach them to the upper mounting hole using the provided 1/4" loom clamps and a factory M6 bolt.

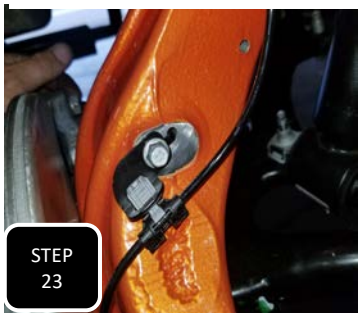


Step 20 (Drivers Side) Attach the 2 wires together at the rubber bushings using the provided zip ties. Next, attach the ABS wire to the upper control arm using the provided 3/8" loom clamp and factory M6 bolt.



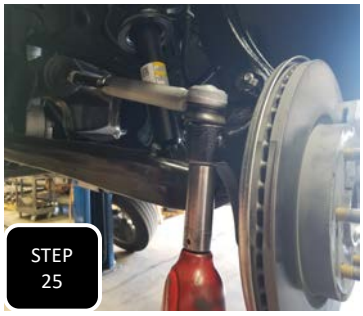
Step 21 (Passenger Side) Locate the P1 bracket and attach the factory brake line bracket to it using the provided M6 bolt, nut, and washer. Next, attach the bracket to the spindle using a factory M6 bolt.

Step 22 (Passenger Side) Unhook the ABS guide clip from up near the hard brake line. Locate the P2 bracket and attach the bracket to the wheel well using the provided M6 bolt, nut, and washer. **NOTE: IT WILL HELP TO PULL BACK THE INNER FENDER A BIT AND INSTALL THE BOLT FROM THE BACK OF THE BRACKET.**



Step 23 (Passenger Side) Install the ABS sensor into the spindle using the factory bolt and tighten. Next, attach the two factory guide brackets to the neck of the spindle using a factory M6 bolt at each.

Step 24 (Passenger Side) Using the provided 1/4" loom clamp, attach the ABS wire to the top of the brake caliper side of the neck of the spindle using a factory M6 bolt.



Step 25 Attach the tie rod to the spindle using the factory nut and tighten.

DRIVERS SIDE

PASSENGER SIDE

-Make sure to check the vehicle's toe before driving.
-The headlights should be adjusted after modifying the stance of the vehicle.
-The vehicle's alignment will need to be adjusted.
-All suspension components should be re-torqued after 500 miles.