PART# 700440

2015+ COLORADO/CANYON 2WD

4" FRONT LIFT SPINDLES

3 HOUR INSTALL TIME

WARNING

Max Trac Suspension recommends using an 17" x 9" wheel w/ 6" 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 33" x 11.5" tire with the spindle only or a 35" x 12.5" tire when combining a strut spacer with our spindle.

Components	Hardware
(1) 700440D DRIVE SIDE SPINDLE	(2) THIN HEAD BANJO BOLT
(1) 700440 PASSENGER SIDE SPINDLE	(4) COPPER CRUSH WASHER
(2) 510400 STEEL BRAIDED BRAKE LINE	(2) BRAKE LINE MOUNTING CLIP
(4) 5" ZIP TIE	

- 2020 + MODELS REQUIRE THE USE OF THE PROVIDED "THIN HEAD" BANJO BOLT AND DRILLING A CLEARANCE HOLE IN THE LOWER CONTROL ARM.

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

REVISED 11/12/2024

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.

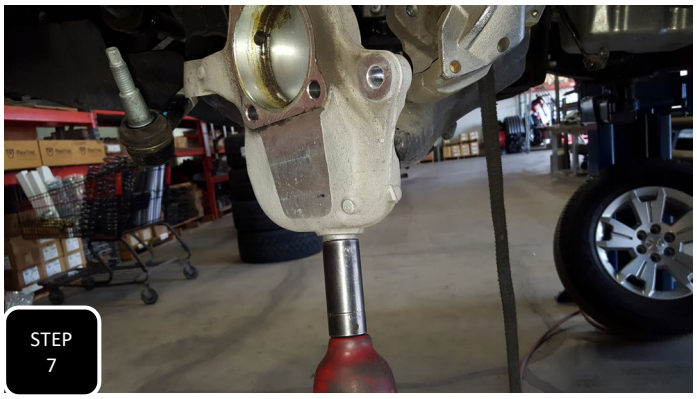
Step 2 Remove the nut attaching the outer tie rod to the steering knuckle and then break loose by hitting the side of the spindle with a hammer right at the joint. **NOTE: NEVER HIT THE TIE ROD ON THE THREADS**

Step 3 Unbolt the brake caliper and support out of the way. **NEVER ALLOW THE BRAKE CALIPER TO HANG FROM THE BRAKE LINE.**

Step 4 Unbolt the rotor retainer screw and remove the brake rotor.

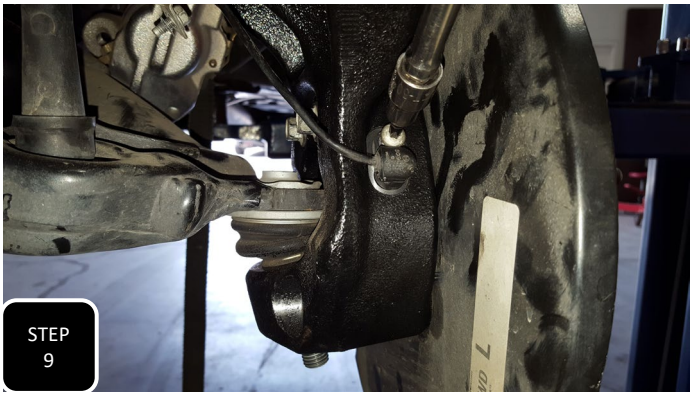
Step 5 Unbolt and remove the ABS sensor and guide bracket from the back side of the spindle, then support the sensor up, out of the way so as not to get damaged during the install.

Step 6 Unbolt all 4 wheel bearing bolts and remove the wheel bearing. **NOTE: MAKE SURE TO RETAIN THE FACTORY BACKING PLATE. IT WILL GET RE-INSTALLED.**

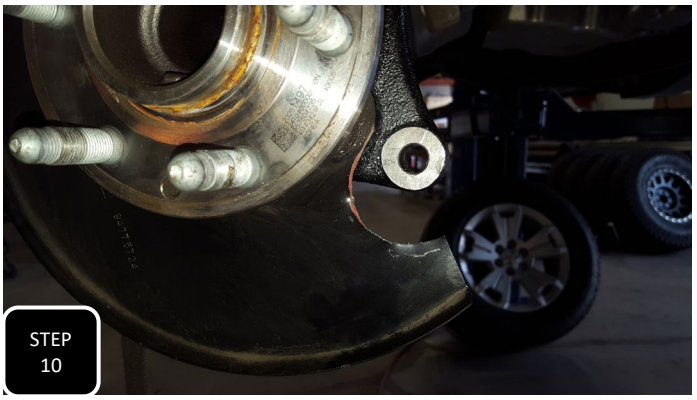


Step 7 Loosen the upper and lower ball joint nuts, but do not remove them. Hit the side of the spindle (right at each ball joint) with a hammer to break the ball joint loose. The nut will catch the spindle, then remove the spindle. **NOTE: NEVER HIT THE BALL JOINT ON THE THREADS.**

Step 8 Install the new spindle using the factory nuts and torque to factory specs.

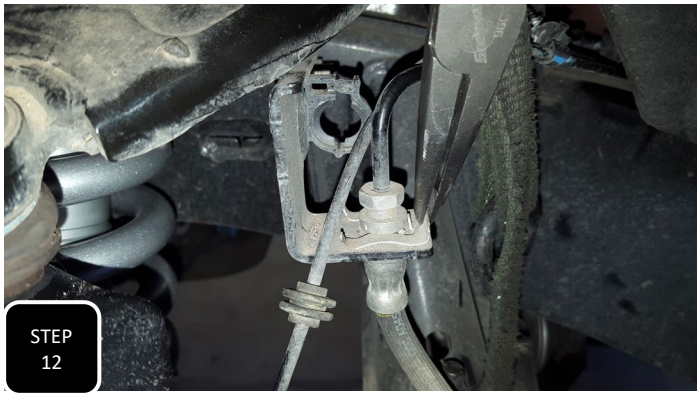


Step 9 Unclip the ABS guide from the brake line bracket on the frame then remove the ABS guide clip near the upper control arm so that you can gain enough slack to attach the sensor to the spindle. **NOTE: CYCLE THE SPINDLE BACK AND FORTH IN ITS TURNING RADIUS TO ENSURE THE ABS LINE DOES NOT GET TIGHT.**

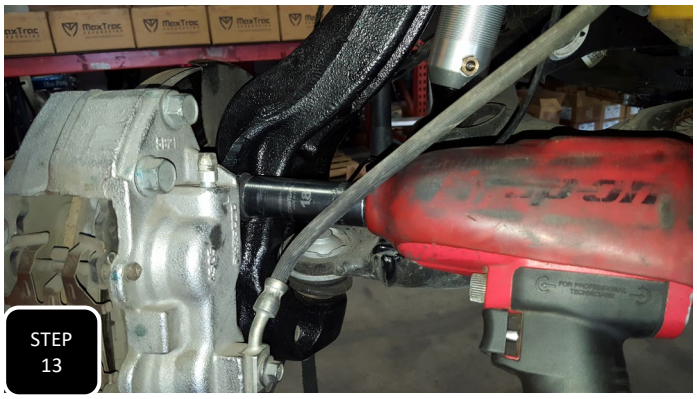


Step 10 The dust shield will need to be trimmed to clear the brake caliper at the lower mounting hole. Mark a generous radius and trim this area using a suitable cutting device. Clean up any sharp edges and spray paint for rust prevention.

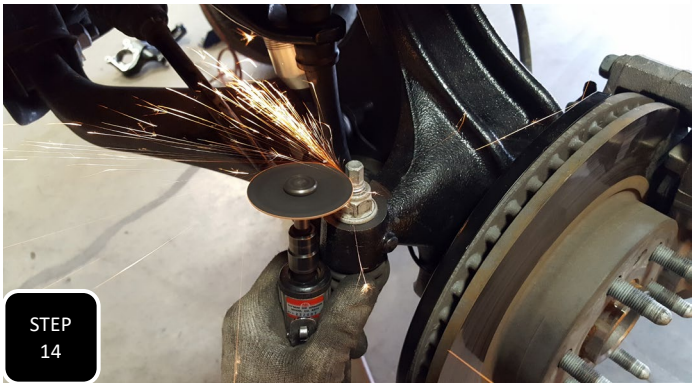
Step 11 Install the brake rotor and secure by snugging down the factory retainer bolt.



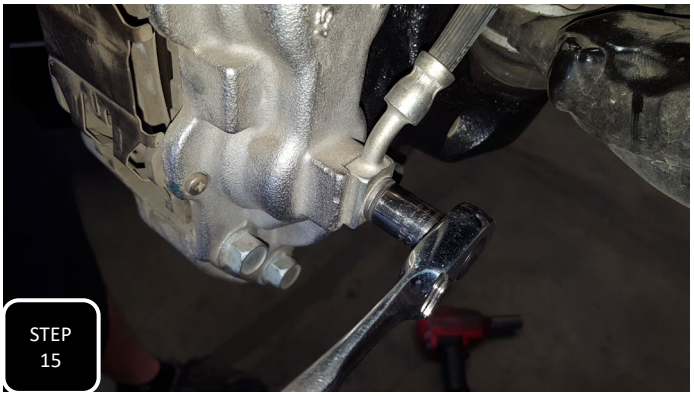
Step 12 You will need to remove the clip that attaches the brake line to the bracket at the frame and pull the hard line through to gain enough slack to attach the brake caliper to the spindle. Next, unbolt the bracket from the frame, just under the upper control arm.



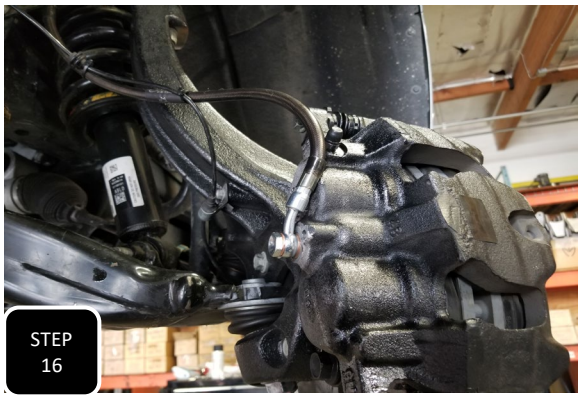
Step 13 Attach the brake caliper to the spindle using the factory bolts and tighten to factory specs.

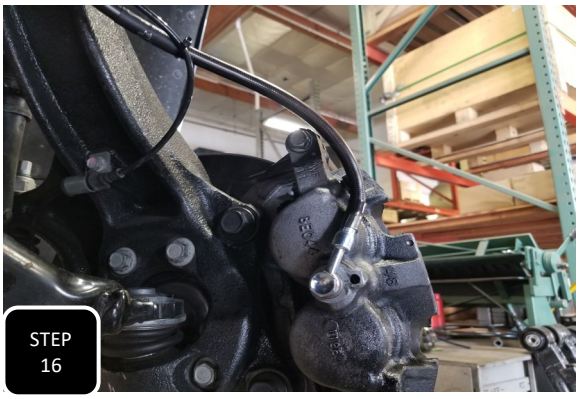


Step 14 Re-attach the tie rod ,from the bottom up, using the factory nut and tighten to factory specs. Next, If you plan on running 17" wheels, using a suitable cutting devise, trim off the end of the tie rod shank where the non threaded part meets the threaded part. **NOTE: THIS WILL KEEP THE TIE ROD FROM HITTING THE WHEEL.**



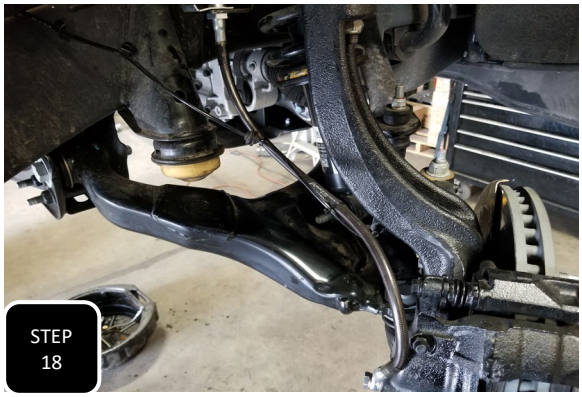
Step 15 Unbolt the factory brake line at the frame and at the caliper and remove. Next, attach the new brake line at the frame first and allow brake fluid to run through before attaching to the caliper. **NOTE: ALLOWING FLUID TO RUN THROUGH THE NEW LINE WILL SPEED UP THE BLEEDING PROCESS.**





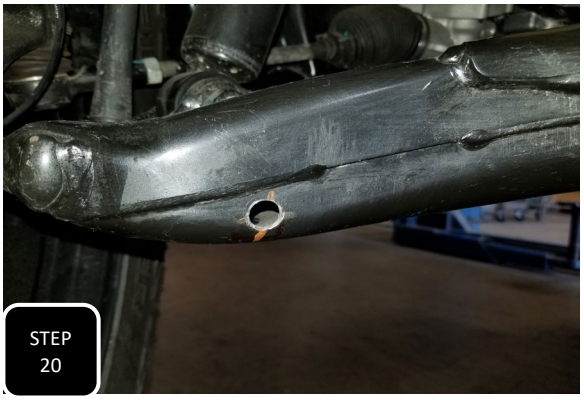
Step 16 When attaching the banjo end of the brake line to the brake caliper, 2020+ models will use the new, thin head banjo bolt with one new copper washer on each side of the banjo and attach the line with the banjo fitting angled towards the brake caliper and up/outward like shown in the second picture. 2015-2019 models will use the factory banjo bolt.

Step 17 Re-attach the factory bracket at the frame using the factory bolt and then attach the brake line to the bracket using the new clip. Now you will need to bleed any and all air out of the braking system by opening up the bleeder screw on the brake caliper until only fluid comes out.



Step 18 Attach the ABS line to the brake line using 2 of the supplied 5" zip ties.

Step 19 For 2020 and newer models, measure and mark a line 3 1/4" over from the center of the steering stop and another 1/2" down from the weld on the lower control arm.



Step 20 Drill a 1/2" hole where your two lines cross. Using a step bit will make the drilling much easier. **NOTE: THIS HOLE IS TO ALLOW FOR MORE CLEARANCE BETWEEN THE BANJO BOLT ON THE BRAKE CALIPER AND THE CONTROL ARM WITHOUT SACRIFICING TURN RADIUS.**

STEP 21 Once the tires are on and the truck is back on the ground, settle the suspension by driving forward and backwards a few feet while turning the steering wheel back and forth. Next, fully turn the wheel each way and make sure the banjo bolt on the caliper does not contact the LCA. If need, stretch the hole you drilled bigger until the head of the banjo bolt is free from contact.

-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.

MaxTrac suspension

RIDE HEIGHT SHEET

*THIS SHEET MUST BE FILLED OUT PRIOR TO CALLING WITH ANY DISCREPENCIES

YEAR _____ MAKE _____ MODEL _____

4WD / 2WD / AWD

MEASUREMENTS

*MOST ACCURATE MEASUREMENT IS FROM THE BOTTOM OF THE RIM, STRAIGHT UP TO THE BOTTOM OF THE FENDER

*TRUE HEIGHT WONT BE ACCURATE UNTIL VEHICAL IS ALIGNED

*THE VEHICLE'S CASTER WILL BE INCREASED OR DECREASED IF ONLY THE FRONT OF THE VEHICLE IS MODIFIED

	BEFORE	AFTER	DIFFERENCE
DRIVER FRONT	_____	_____	_____
DRIVER REAR	_____	_____	_____
PASSENGER FRONT	_____	_____	_____
PASSENGER REAR	_____	_____	_____

LIMITED LIFETIME WARRANTY

Ma Trac Suspension makes no warranty e pressed or implied as to the merchantability fitness for purpose description quality productiveness accuracy or any other matter with respect to every product all such warranties being hereby specifically and e pressly disclaimed by Ma Trac. Ma Trac may offer technical advice or assistance with regard to the products based on laboratory and/or field e perience and customer understands and agrees that such advice represents only good faith opinions and does not constitute a warranty or guarantee. The sole and e press warranty provided by Ma Trac is to warrant that the products sold as listed comply with Ma Trac s specification at the date and time of manufacture. Ma Trac makes no warranty that such products shall meet such specification at any time after installation of products. Use of such product is specifically not warranted and Ma Trac specifically e cludes from this e press warranty parts subject to normal wear and tear after one year finish after one year damage resulting from failure to follow recommendations in installation manuals competition or off-road use and damages caused by aftermarket products. Ma Trac s liability and customer s e clusive remedy for any breach of this limited e press warranty is limited to repair replacement or refund at Ma Trac s option and in Ma Trac s sole discretion. There are no warranties which e tend beyond the description on the face hereof.

Our limited lifetime warranty excludes the following items bushings, bump stops, ball joints, tie rod ends, rod end/heim joints, and shock absorbers. These parts are subject to immediate wear and tear and are not considered defective when worn. They are warranted for twelve (12) months from the date of purchase only for defects in workmanship.

This Max Trac warranty is void if (1) the vehicle is not aligned after kit installation, (2) proper maintenance is not routinely performed, (3) the Max Trac products are misused or abused in any way in either installation or service, or (4) the products are used in a way that violates federal, state, or local law or regulation in any respect. Max Trac is not responsible for vehicle compatibility with other aftermarket products. Warranty coverage does not include consumer opinions regarding ride comfort, fitment and design after product installation.

Max Trac reserves the right to change, modify or cancel this warranty without prior notice.

WARRANTY RETURN

Contact Maxtrac by sending an email with a copy of the original purchase receipt, along with photographs clearly illustrating the failure mode.

1. Upon validating the information provided, Maxtrac will issue a Return Manufacturer Authorization number (RMA).
2. Return your product to Max Trac Suspension at your expense in order to execute a claim under this warranty.
3. Include the RMA on the outside of the box. Any returns without the RMA will be refused.

NON-WARRANTY RETURN CREDIT POLICY

Your item must be in its original unused and resalable condition to be returned, unless there is a manufacturing defect. You must return the item within 30 days of your purchase. Otherwise, there will be an additional restocking fee.

1. Please contact Max Trac Suspension at (844) 535-1668 to obtain a Return Manufacturer Authorization Number (RMA).
2. Return your product to Max Trac Suspension at your expense.
3. Include the RMA on the outside of the box. Any returns without the RMA will be refused.

Return E ceptions

Merchandise that has been installed, used, or altered may be subject to no credit.

Restocking Fee

All items are subject to a restocking fee based on the condition of the packaging and product.
Max Trac Suspension does not credit shipping and handling. Credit minus applicable restocking fee will be determined and issued within 10 business days of product receipt.
All returns will be credited to your Maxtrac account.

⚠ INSTALLATION WARNINGS

READ INSTRUCTIONS AND WARNINGS COMPLETELY PRIOR TO INSTALLATION.
MA TRAC IS NOT RESPONSIBLE FOR ANY DAMAGE OR INJURY DUE TO IMPROPER INSTALLATION OR MAINTENANCE.

Installer is responsible to insure a safe and controllable vehicle after performing modifications. All steps and procedures described in these instructions were performed while the vehicle was properly supported on a two post vehicle lift with safety jacks. Included instructions are recommended guidelines only.

Max Trac Suspension recommends reference to the OE Service Manual corresponding to the model and year of vehicle when either disassembling or assembling factory and related components.

Use caution during all disassembly and assembly steps to insure suspension components are not over extended, causing damage to any vehicle components and parts included in this kit. Unless otherwise specified, tighten all bolts and fasteners to standard torque specifications listed within the OE Service Manual.

Suspension components that use rubber or urethane bushings should be tightened with the vehicle at normal ride height. This will prevent premature wear or failure of the bushing and maintain ride comfort.

Larger tire and wheel combinations may increase leverage on suspension, steering, and related components.

Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle ride height. Always measure the vehicle ride height prior to beginning of installation.

MA TRAC SUSPENSION DOES NOT ADVISE USING WHEELS WIDER THAN 9" OR WHEELS WITH LESS THAN 4.5" BACKSPACING. DOING SO WILL RESULT IN VOIDING ANY AND ALL MANUFACTURER WARRANTIES

Max Trac Suspension does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

Final Checks Adjustments

Once the vehicle is lowered to the ground, check all parts which have rubber or urethane components to ensure proper torque. Torque lug nuts to the wheel manufacturer specs.

Move vehicle backwards and forwards a short distance to allow suspension components to settle. Turn the front wheels completely left then right and verify adequate tire, wheel, brake line, and ABS wire clearance.

Test and inspect steering, brake and suspension components for tightness and proper operation. Inspect brakes, hoses, and ABS lines for adequate slack at full extension, and adjust as necessary.

⚠ ADDITIONAL WARNINGS

WARNING

Max Trac Suspension products should ONLY be installed by a certified professional mechanic with experience working on and installing suspension products. Professional knowledge and skill will typically yield the best installation results.

If you need a list of installers in your area, please contact Max Trac Suspension customer service to find one of our authorized dealers. Max Trac Suspension does not warrant work performed by any dealer, installer, or mechanic.

- All lifted vehicles may require additional driveline modifications and/or balancing.
- A Factory Service Manual for your specific Year/ Make / Model should be referenced during installation.
- Use of a vehicle hoist will greatly reduce installation time.
- Speedometer / computer calibration is required if changing +/- from factory tire diameter.
- Vehicle must be in excellent operating condition. Repair or replace any and all worn or damaged components prior to installation.

FAILURE TO PERFORM POST INSTALLATION INSPECTION AND/OR CHECKS MAY RESULT IN VEHICLE COMPONENT DAMAGE AND/OR PERSONAL INJURY OR DEATH.

RECHECK ALL HARDWARE FOR PROPER TOR UE VALUES AFTER 500 MILES AND THEN PERIODICALLY AT EACH SERVICE INTERVAL THERAFTER.

Vehicle Handling Warning

Increasing the height of your vehicle raises the center of gravity and **WILL** affect stability and control. Use caution on turns and when steering. Vehicles with larger tires and wheels will handle differently than stock vehicles. Take time to familiarize yourself with the handling of your vehicle after product installation.

Wheel Alignment/Headlamp Adjustment

It is necessary after installation to have a wheel alignment performed by a certified alignment technician. Align the vehicle to factory specifications. It is recommended that your vehicle alignment be checked after any off-road driving. In addition to vehicle alignment, it is necessary to check and adjust vehicle head lamps for proper aim and alignment. If the vehicle is equipped with active or passive safety/collision monitoring and / or avoidance systems including, but not limited to, camera-or radar-based systems, check and adjust your vehicle s systems for proper aim and function.

Braking Warning

Generally, braking performance and capabilities are decreased when significantly larger or heavier tires and wheels are used. Take this into consideration while driving. Also, changing axle gear ratios or using tires that are taller or shorter than factory height will cause an erroneous speedometer reading. On vehicles equipped with an electronic speedometer, the speed signal impacts other important functions as well. Speedometer recalibration for both mechanical and electronic types is highly recommended.

⚠ SAFETY WARNINGS

SAFETY WARNING

MISUSE OF THIS PRODUCT COULD LEAD TO INJURY OR DEATH.

- Suspension systems or components that enhance the on and off-road performance of your vehicle may cause it to handle differently than it did from the factory. E TREME CARE must be used to prevent loss of control or vehicle rollover during operation.

- ALWAYS operate your vehicle at reduced speeds and maintain distance between vehicles and obstacles to ensure your ability to control your vehicle under all driving conditions. Failure to drive safely may result in serious injury or death to the driver and passengers.

- Driver and passengers must ALWAYS wear seat belts, avoid rapid steering angles and rates and other sudden maneuvers.

- You should NEVER operate your vehicle under the influence of alcohol or drugs.

- Please check all factory components for excessive wear and tear. Please replace worn factory parts before installing any suspension kits. Failure to do so will void any Max Trac warranty.

- Please inspect all wheel bearings and hub bearings for excessive wear and replace worn components before installing suspension kits. These hub and wheel bearings may wear out sooner with installation of larger tires and wheels. MaxTrac does not warranty these factory parts at any time, also using any wheel that MaxTrac does not recommend will void any warranty of MaxTrac components.

- Constant maintenance is required to keep your vehicle safe. Thoroughly inspect your vehicle before and after every off-road use.

- It is the responsibility of the retailer and/or the installer to review all state and local laws with the end user of this product related to bumper height laws and the lifting of a vehicle before the purchase and installation of any Max Trac products.

- It is the responsibility of the driver to check the area around the vehicle for obstructions, people, and animals before moving the vehicle.

- All lifted vehicles have increased blind spots. Take note of these prior to operating the vehicle.

DAMAGE INJURY AND/OR DEATH CAN OCCUR IF ANY OF THE ABOVE WARNINGS ARE NOT FOLLOWED.

READ THE INSTRUCTIONS THOROUGHLY AND COMPLETELY BEFORE BEGINNING THE INSTALLATION.

MaxTrac suspension

PART# 830325
2.5" FRONT LEVELING SPACERS
2015+ COLORADO/CANYON 2WD/4WD

2	CS-830320 ALUMINUM COIL SPACER
2	SSP-830325 ¼" SPACER PLATE

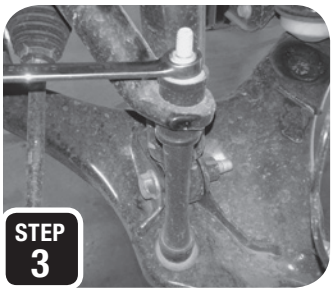
⚠ NOTE

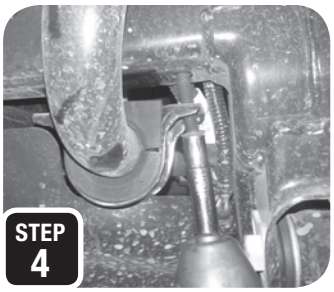
Please double check the parts list before beginning installation, to ensure all parts are present. if there is something missing, please contact Maxtrac Suspension immediately **(714) 630-0363.**

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.

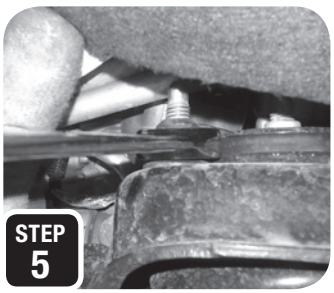
⚠ ***AFTER REMOVING PARTS FROM VEHICLE, SAVE HARDWARE FOR REINSTALLATION.***

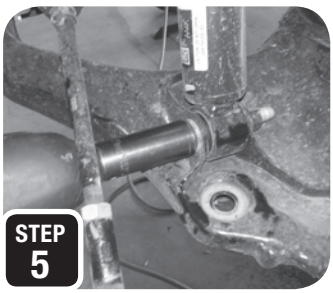
STEP 1: jack up the front of the truck and support under the frame rails with jack stands.
STEP 2: unbolt the tie rod from the spindle and separate.
STEP 3: unbolt the sway bar end link, pull out the bolt and remove the link.
STEP 4: unbolt the sway bar from the frame, rotate so that it is not resting on the lower control arm, and allow it to rest on the skid plate.





STEP 5: unbolt all three nuts at the top of the strut and the 1 bolt at the bottom, then remove the strut.





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maxtracsuspension.com

⚠ NOTE

A coil/strut compressor will need to be used to contain and colapse the coil safely.

STEP 6: compress the coil and remove the strut top. Separate the rubber coil isolator from the strut top and install the max trac aluminum coil spacer inbetween the two. The coil will need to be compressed a little further to make room for the spacer, then re-assemble the strut, tighten the nut and remove the compressor. **STEP7:** Place the ¼" spacer plate on top of the strut then re-install the strut assembly back into the truck.

STEP 8: reverse the installations instructions for re-assembly.

⚠ NOTE

IT IS RECOMMENDED THAT YOU HAVE YOUR VEHICLE'S ALIGNMENT CHECKED WHENEVER INSTALLING NEW SUSPENSION. IT IS ALSO RECOMMENDED THAT YOU ADJUST YOUR HEADLIGHTS WHENEVER YOUR VEHICLE'S RIDE HEIGHT IS ALTERED.

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