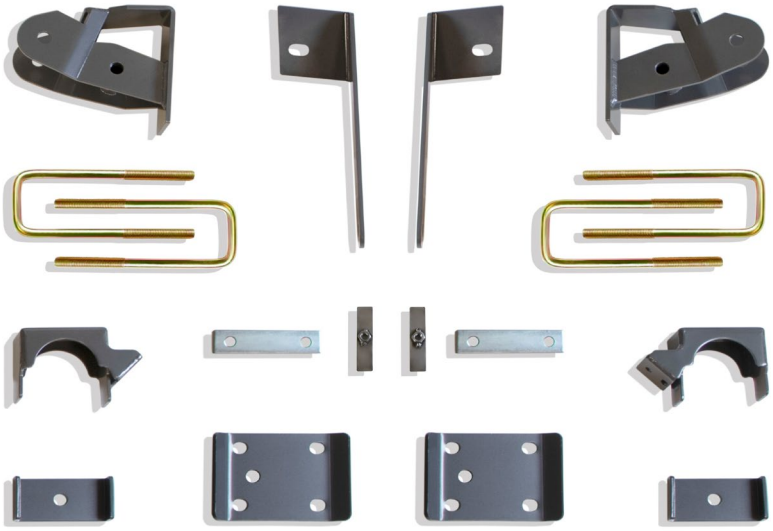
PART# 301950

2019+ GM 1500 2WD/4WD

5" REAR LOWERING KIT



4 HOUR INSTALL TIME

Recommended Tire size 31x10.50

*DOES NOT FIT 2022+ MODELS EQUIPPED WITH CAST STEEL SPRING PERCHES & (MONO-LEAF) LEAF SPRINGS

*YOUR EXHAUST SYSTEM MAY HAVE TO BE MODIFIED FOR PROPER CLEARANCE AT THE NEW LOWER STANCE

*2025+ MODELS W/ ROUND U-BOLTS WILL HAVE YOUR U-BOLTS CONVERTED TO SQUARE W/ SUPPLIED U-BOLTS

*TRAIL BOSS & AT4 MODELS WILL GET AN EXTRA 2 INCHES OF DROP DUE TO THE REMOVAL OF THE FACTORY LIFT BLOCK AND FACTORY LIFT STRUTS

*MODELS EQUIPPED WITH A TWO PIECE REAR DRIVE SHAFT MAY NEED TO MODIFY/MOVE THE CARRIER BEARING IF DRIVE LINE VIBRATION IS EXPERIENCED.

EDITED 10/2/2026

4522 E Eisenhower Cir Anaheim, CA 92807 (844) 535-1668 Email: Techsupport@Maxtracsuspension.com
MAXTRACSUSPENSION.COM

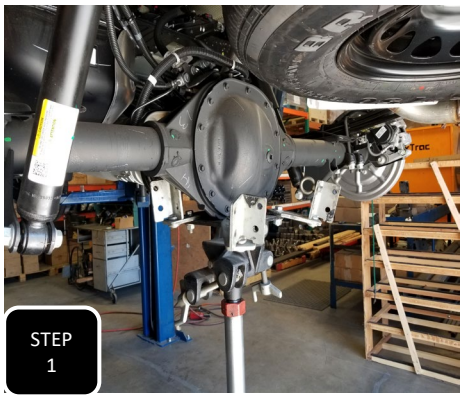
Components	Hardware	Hardware Pack #
(2) AXLE RELOCATORS (2) LEAF SPRING PLATES (2) U-BOLT RETAINER PLATES (1) DS LIFT HANGER (1) PS LIFT HANGER (1) DS SPRING HANGER SUPPORT (1) PS SPRING HANGER SUPPORT (1) 3019-D NUT PLATE (1) 3019-P NUT PLATE	(2) M16-2.0 X 120 HEX CAP SCREW (2) M16-2.0 NYLOCK NUT (4) M16 FLAT WASHER (2) 1/2-13 X 1 1/2" HEX CAP SCREW (2) 1/2 FLAT WASHER (2) 1/2" SPLIT LOCK WASHER (2) 7/16-14 X 1 1/4" HEX CAP SCREW (2) 7/16-14 NYLOCK NUT (4) 7/16" FLAT WASHER	3019H-RH
(2) 3019BSP NUT PLATES (2) LOW PROFILE BUMP STOPS (2) SHIM-02 AXLE SHIM (3) BRAKE LINE BRACKETS	(5) M8-1.25 X 20 (5) M8-1.25 FLANGE NUT (5) M8 FLAT WASHER	
(4) 8.75" SQ U-BOLTS	(8) 9/16" HIGH NUT (8) 9/16" THICK 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

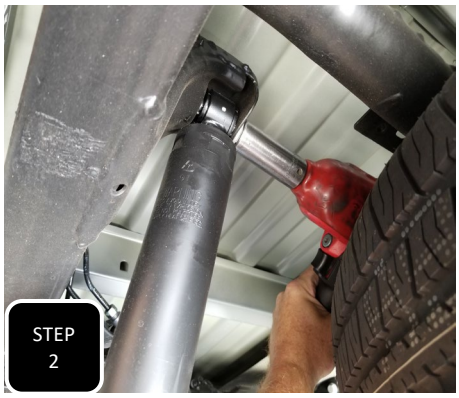
PRIOR TO INSTALLATION:

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

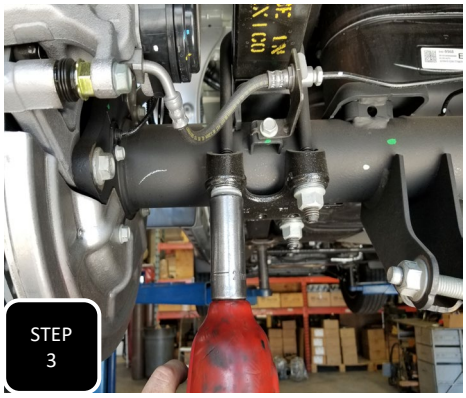
AFTER REMOVING PARTS FROM VEHICLE, SAVE HARDWARE FOR REINSTALLATION

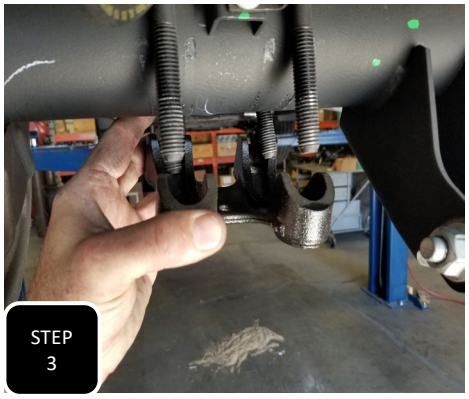


Step 1 Jack up the rear of the vehicle and support under the frame rails with jack stands. Leave an adjustable jack under the differencial for height adjustment.



Step 2 Jack up the adjustable jack slightly to apply pressure to the axle then unbolt both shocks at both ends and remove.

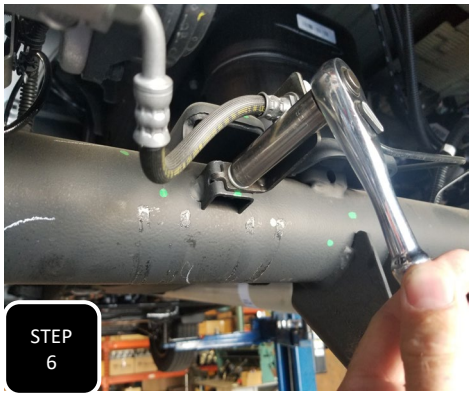




Step 3 Remove the U-bolts and spring plates on one side only.

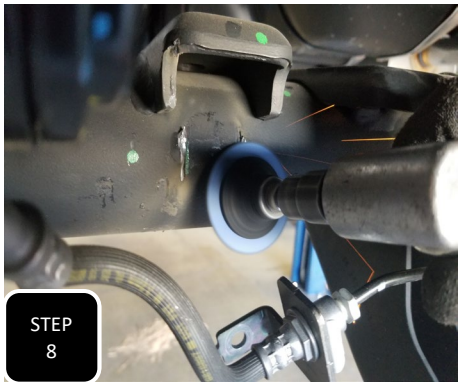
Step 4 Loosen then remove the bolt attaching the shackle to the frame.

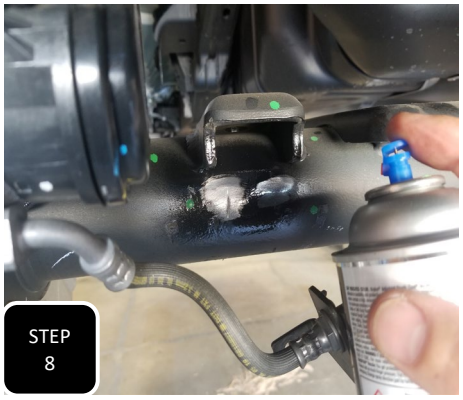
Step 5 Loosen then remove the bolt attaching the spring to the frame at the front of the leaf spring and then remove the leaf spring.



Step 6 Unbolt the brake line guide bracket from the mounting bracket just under the spring perch on the axle and pull the line clear of the area.

Step 7 Using a suitable cutting devise, cut the brake line guide bracket off of the axle and remove.

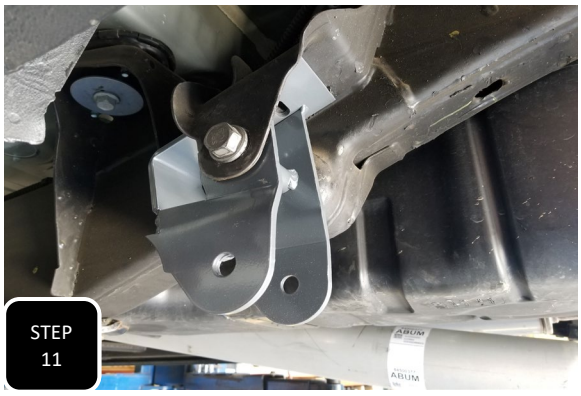




Step 8 Clean up any sharp edges and spray paint the area for rust prevention.

Step 9 The leaf pack will now need to be dis-assembled. Attach two clamps to the spring and remove the center pin along with the U-bolt retainer plate and the factory 2 degree shim. (Only 2019 models have this shim) **NOTE: DISCARD THE U-BOLT RETAINER PLATE. IT DOES NOT GET RE-USED.**

Step 10 Slide the center pin through the factory 2 degree shim and install the pin down through the top of the leaf spring with the thick end of the shim facing the front of the truck. Then tighten the center pin. **NOTE: ONLY 2019 MODELS HAVE THIS 2 DEGREE SHIM.**

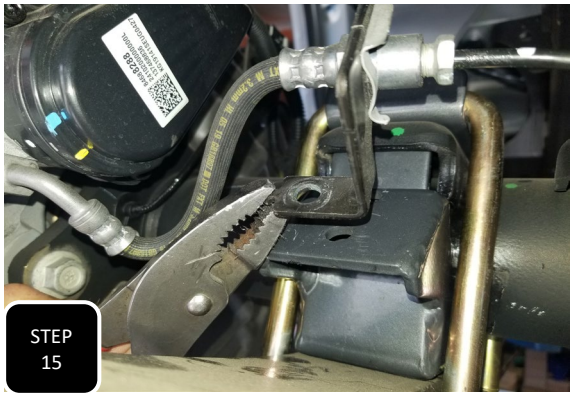


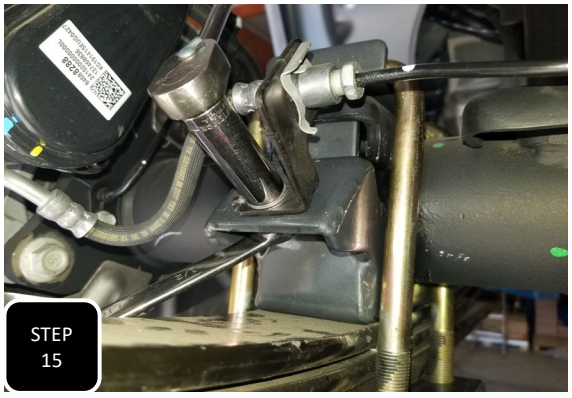
Step 11 Locate the driver's side hanger and loosely install it into the driver's side, front leaf spring mount. Use the factory bolt at the main leaf spring hole and the provided 7/16" bolt, nut, and washer up through the top of the hanger. Tighten the 7/16" bolt first and then the main leaf spring bolt. **NOTE: IF THE MAIN BOLT HOLE IS NOT LINING UP, CHECK TO SEE THAT THE TOP OF THE HANGER IS SITTING FLAT. SOMETIMES THE WELD AT THE TOP CAN BE TOO THICK AND PREVENT THE HANGER FROM SITTING PROPERLY.**

Step 12 Jack up the axle and loosely re-install the leaf spring underneath the axle using the provided 16mm bolt at the front of the spring and the factory bolt at the shackle.

Step 13 For 2020-2023 models, place the supplied 2 degree shim on the center pin with the thick end facing the rear of the truck. For 2024+ models, place the shim with the thick end facing the front of the truck. Next, place the axle relocator on top of the shim with the brake line mounting bracket facing rearward. Slightly loosen the U-bolts on the other side and then lower the axle into the relocator.

Step 14 Place the U-bolt retainer plate on top of the original spring plate and run the new U-bolts downward though the provided spring perch under the leaf pack and tighten. **NOTE: THE U-BOLTS WILL INSTALL JUST LIKE THE FACTORY ONES DID. DO NOT TORQUE THE U-BOLTS DOWN AT THIS TIME**





Step 15 Locate the brake line mounting bracket still attached to the brake line and bend the guide tab to a flat position. Next, attach this bracket to the mounting bracket on the back side of the axle relocator using the provided M8 bolt, nut, and washer.

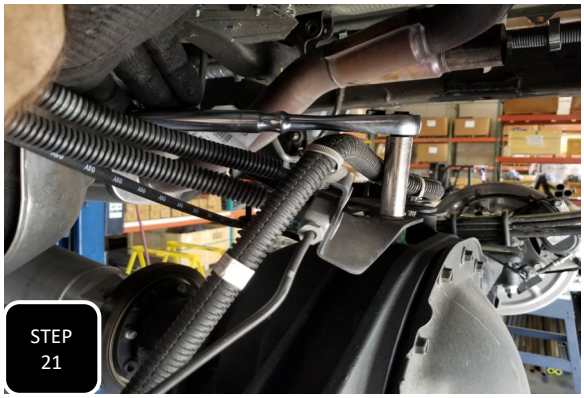
Step 16 Repeat steps 3-13 on the other side then when both sides are complete, torque the U-bolts to 100 ft/lbs.

Step 17 Unbolt both of the factory rear bump stops from the frame and remove.

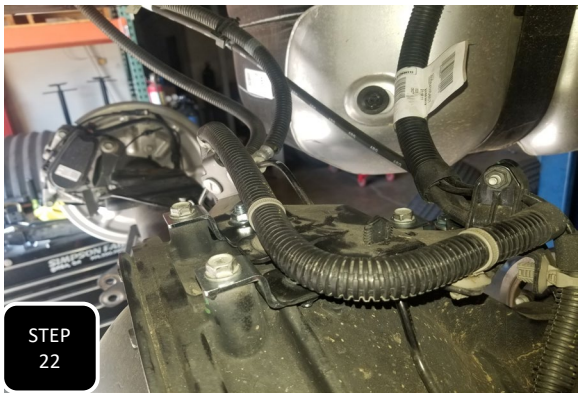
Step 18 Unbolt the brake line guide bracket on the inside of the driver's side frame rail and support out of the way. Next, you will need to cut off the welded on bump stop plate using a suitable cutting device. Make a clean cut on each side of the frame rail.

Step 19 Once both cuts are made, it may help to hit the cut piece with a hammer until it breaks loose and then remove it from the frame. Next, clean up any sharp edges and spray paint for rust prevention.

Step 20 Once spray painted, re-install the brake line bracket using the factory bolts and tighten.



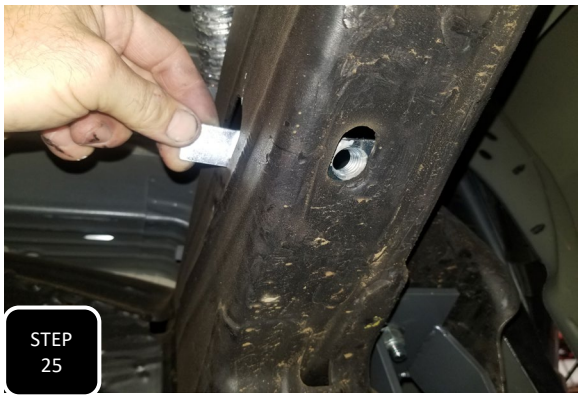
Step 21 Unbolt the three bolts attaching the brake line bracket to the top of the differencial then pull it slightly up and forward.



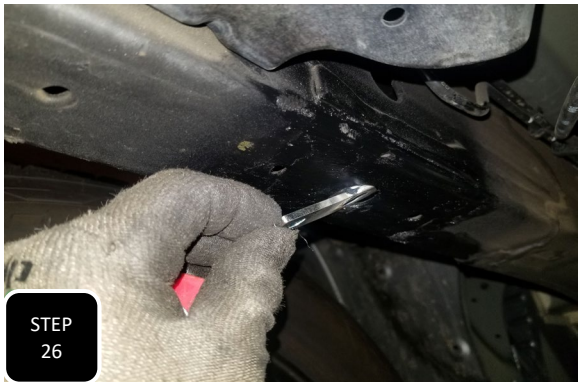
Step 22 Locate the three "Z" shaped brake line brackets and loosely attach them to the factory bracket first using the provided hardware, and then to the diff using the factory hardware. The provided brackets are designed to push the factory bracket down and forward for more clearance between the diff and the bed.

Step 23 Insert the driver's side, zinc plated nut plate into the hole in the outside of the frame, just back from the front leaf spring mount. **NOTE: THE NUT WILL LINE UP WITH THE SLOTTED HOLE IN THE BOTTOM OF THE FRAME.**

Step 24 Loosely attach driver's side hanger support bracket using the provided M16 nut and washer at the hanger and the provided 1/2" bolt and washers at the frame. Tighten the 1/2" bolt at the frame, but do not fully tighten the 16mm spring bolt until the truck is on the ground at ride height.



Step 25 Insert the pass side, zinc plated nut plate into the hole in the outside of the frame, just back from the front leaf spring mount. **NOTE: THE NUT WILL LINE UP WITH THE SLOTTED HOLE IN THE BOTTOM OF THE FRAME.** Again, do not fully tighten the leaf spring bolt until the truck is on the ground at ride height.



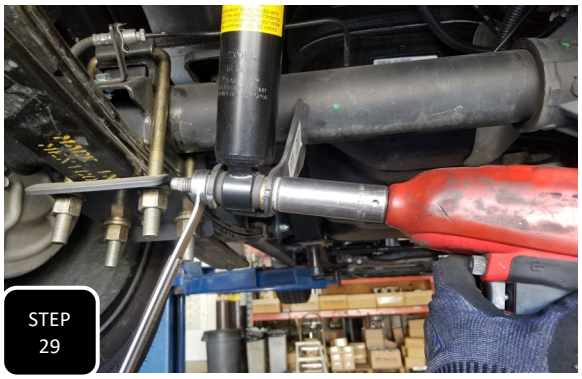
Step 26 Insert the bump stop nut plates into the hole in the bottom of the frame that emerged after you removed the driver's and passenger's side factory bump stop plate. Thread the provided low profile bump stop into the nut plate until tight.

Step 27 Remove both mounting bolts that attach the transmission to the mount at the cross member at the rear of the trans. Jack the trans up, insert the provided 1/2" tall, gold spacer, and tighten down using the factory bolts. **NOTE: THE USE OF THE PROVIDED 1/4", SILVER SPACER MAY ONLY BE NEEDED IF DRIVE LINE VIBRATION IS EXPERIENCED.**

CAUTION: MAKE SURE THERE THAT THE DRIVE SHAFT DOES NOT CONTACT THE CROSS MEMBER DIRECTLY ABOVE AND CLOSE TO THE TRANSMISSION. IF IT APPEARS TOO CLOSE FOR COMFORT, THEN EITHER CLEARANCE THE CROSS MEMBER A BIT OR ONLY USE THE 1/4" THICK TRANSMISSION SPACER.

NOTE: IF YOUR TRUCK HAS A 2 PIECE DRIVELINE, THEN THESE SPACERS WILL NOT WORK FOR YOUR TRUCK.

Step 28 If your truck is 4wd and you experience driveline vibration, take the provided transmission spacer and cut it in half. You will now be able to install the two pieces between your transfer case and the cross member it sits on. Start with the silver, 1/4" tall spacer. **NOTE: IF VIBRATION STILL PERSISTS AFTER INSTALLING THE SPACER, YOU MAY NEED TO TAKE THE TRUCK TO A DRIVE LINE SPECIALIST.**



Step 29 Install the wheels and tires then lower the truck to the ground. Jump on the rear bumper a few times then tighten up all 6 leaf spring/shackle bushings while the truck is at ride height.

Step 30 Install the wheels and tires then lower the truck to the ground. Jump on the rear bumper a few times then tighten up all 6 leaf spring/shackle bushings while the truck is at ride height.

AFTER MODIFYING YOUR SUSPENSION

***HAVE THE VEHICLE'S ALIGNMENT CHECKED**

***PROPERLY ADJUST YOUR HEAD LIGHTS FOR THE NEW STANCE OF THE SUSPENSION**

***RE-TORQUE ALL BOLTS 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

Max Trac Suspension makes no warranty, expressed 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 expressly disclaimed by Max Trac. Max Trac may offer technical advice or assistance with regard to the products based on laboratory and/or field experience and customer understands and agrees that such advice represents only good faith opinions and does not constitute a warranty or guarantee. The sole and express warranty provided by Max Trac is to warrant that the products sold as listed comply with Max Trac's specification at the date and time of manufacture. Max 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 Max Trac specifically excludes from this express 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. Max Trac's liability and customer's exclusive remedy for any breach of this limited express warranty is limited to repair, replacement, or refund at Max Trac's option and in Max Trac's sole discretion. There are no warranties which extend 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 Exceptions

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.
MAXTRAC 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.

MAXTRAC 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 TORQUE 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. EXTREME 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.