



PART# 889730
2007-2018 JEEP JK WRANGLER

3" LIFT KIT



4 HOUR INSTALL TIME



Max Trac Suspension recommends using an 17" x 9" wheel w/ 4.5" 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.



KIT SHOWN WITH VULCAN SERIES SHOCKS

Components	Hardware	Hardware Pack #
(2) 759730 FRONT SPRING	(2) 3/8-16 X 2 1/2" SELF TAPPING BOLT	FRONT BUMP STOP
(2) 739725 REAR SPRING	(2) 3/8" FLAT WASHER	
(2) 8397FBS FRONT BUMP STOP EXTENSION	(4) 3/8-16 X 3/4" HEX CAP SCREW	REAR BUMP STOP
(2) 8397RBS REAR BUMP STOP EXTENSION	(4) 3/8-16 HEX NUT	
(2) 8397FSB FRONT SWAY BAR BRACKET	(4) 3/8" FLAT WASHER	FRONT SWAY BAR
(2) 8397FB FRONT BRAKE LINE BRACKET	(4) 7/16-14 X 1 1/4" HEX CAP SCREW	
(2) 8397RB REAR BRAKE LINE BRACKET	(4) 7/16-14 NYLOCK NUT	BRAKE LINE
(1) 8397RE REAR E-BRAKE BRACKET	(8) 7/16" FLAT WASHER	
(1) 8897RTB REAR TRAC BAR BRACKET	(6) 1/4-20 X 3/4" HEX CAP SCREW	REAR TRAC BAR
(1) 8897RTB-2 TRAC BAR SUPPORT BRACKET	(6) 1/4-20 NYLOCK NUT	
	(12) 1/4" FLAT WASHER	
	(1) M14-2.0 X 80 HEX CAP SCREW	
	(1) M14-2.0 NYLOCK NUT	
	(2) M14 FLAT WASHER	
	(2) 1/2-13 X 1 1/2" HEX CAP SCREW	
	(2) 1/2-13 NYLOCK NUT	
	(4) 1/2" FLAT WASHER	
	(2) 3/8-16 X 1" HEX CAP SCREW	
	(2) 3/8-16 NYLOCK NUT	
	(4) 3/8" FLAT WASHER	
889730S	889730V	889730VR
(2) 2400SL-2 FRONT SHOCKS	(2) 2400SLV FRONT SHOCKS	(2) 2400SLVR FRONT SHOCKS
(2) 2400LL-10 REAR SHOCKS	(2) 2400LLV-10 REAR SHOCKS	(2) 2400LLVR-10 REAR SHOCKS

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



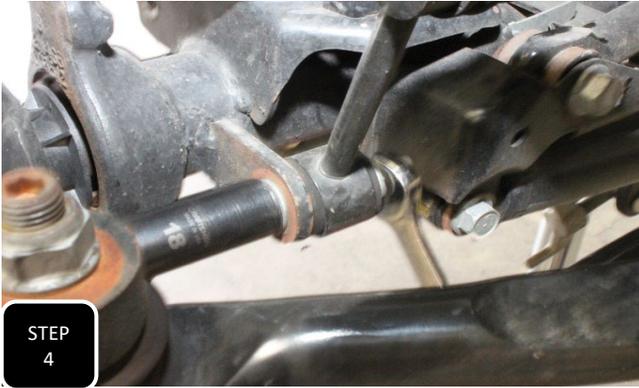
Step 1 Jack up the front of the vehicle and support under the frame with jack stands. Keep an adjustable jack under the axle for height adjustment.



Step 2 Working on both sides at the same time, apply some pressure on the axle with the floor jack centered under the front axle and then unbolt both front shocks at both ends and remove.



Step 3 Unbolt both front brake line brackets from under the coil spring on the axle and pull the bracket away from the axle. **NOTE: THIS WILL ALLOW FOR MORE SLACK IN THE LINE TO PREVENT DAMAGE DURING THE INSTALL.**



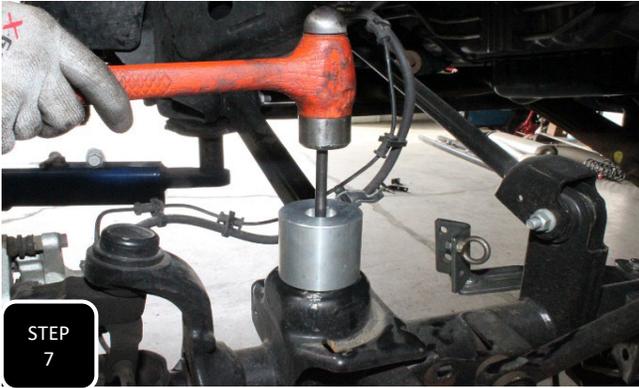
Step 4 Unbolt both front sway bar end links from the axle and then remove all 4 sway bar mounting bolts at the frame and remove the sway bar.



Step 5 Unbolt the trac bar from the mount on the axle and separate. **NOTE: SAVE THE HARDWARE FOR RE-INSTALLATION.**



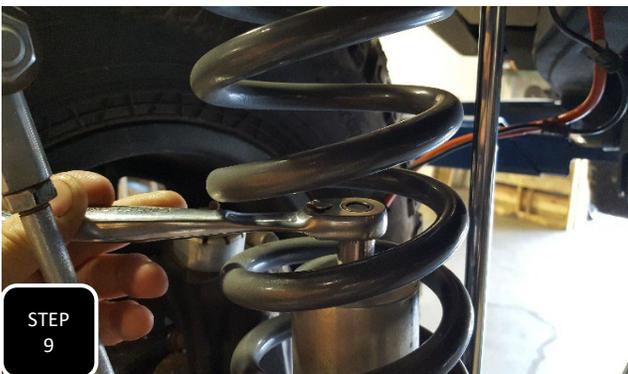
Step 6 Lower the axle and remove both front coil springs.



Step 7 Either by measuring out or using the bump stop extension as a reference, locate and mark the center of the lower coil mount. Next, drill out your mark using an 11/32" drill bit.



Step 8 Hold the new bump stop extension, inside the coil spring, while installing the coil spring into the truck.



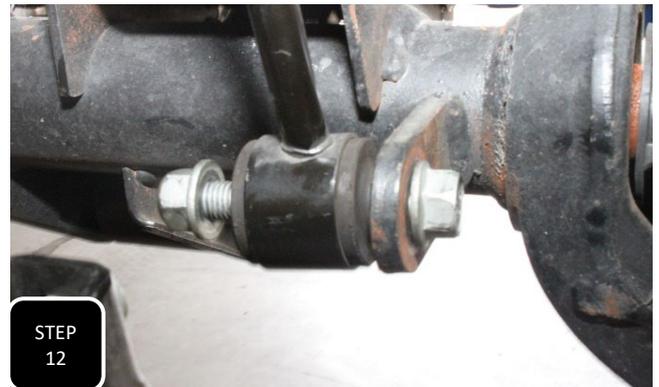
Step 9 Once the spring is in place, tighten down the bump stop extension using the provided 3/8" self tapping bolt and washer.



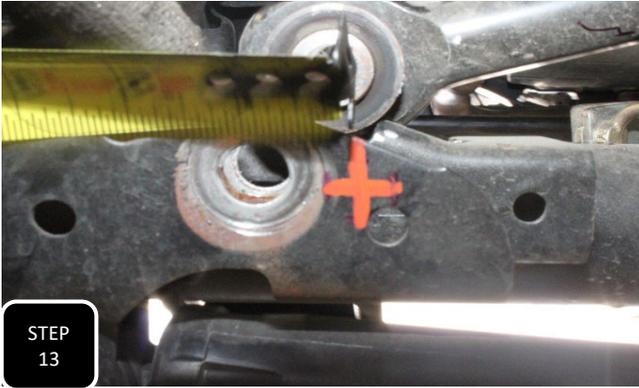
Step 10 Unbolt the brake line at the frame and gently straighten out the hard line to get more slack out of it. Next, install the provided brake line extension using the factory bolt at frame and the provided 1/4" hardware where the brackets meet.



Step 11 Re-attach the factory brake line bracket on the axle under the coil spring using the factory hardware.



Step 12 Attach the new sway bar drop down brackets to the sway bar with the open end of the bracket facing inward and using the provided 7/16" hardware. Next, attach the sway bar to the frame using the stock bolts and attach the end links to the axle using the factory bolts. **NOTE: IF THE TRUCK IS EQUIPPED WITH AN ELECTRONIC SWAY BAR YOU WILL NEED PART # 8897RSB**



Step 13 Locate the trac bar mount on the axle and make a mark 1" over and 1/8" down from the original trac bar mounting hole. Center punch your mark and then drill a 9/16" hole through your mark.



Step 14 Loosely attach the trac bar to the newly drilled hole using the factory mounting bolt. **NOTE: DO NOT TIGHTEN THE TRAC BAR BOLT UNTIL THE TRUCK IS BACK ON THE GROUND AT RIDE HEIGHT.**



Step 15 Install your new front shocks using the supplied bushings/nut at the top and the factory bolts at the bottom and tighten.



Step 16 Jack up the rear of the truck and support under the frame rails with jack stands. Keep an adjustable jack under the axle for height adjustment.



Step 17 Working on both sides at the same time, unbolt the brake line bracket from the frame and install the new brake line extension bracket using the factory bolt at the frame and the provided 1/4" hardware at the brackets.



Step 18 Unbolt the E-brake bracket from the bottom of the bed and install the E-brake extension bracket using the factory nuts at the bed and the provided 1/4" hardware at the brackets.



Step 19 With the axle supported with an adjustable jack, unbolt both shocks at both ends and remove the rear shocks.



Step 20 Unbolt the trac bar at the axle and separate.



Step 21 Unclip the ABS lines from the side of the link mounts on the axle, lower the axle, and remove both rear coil springs.



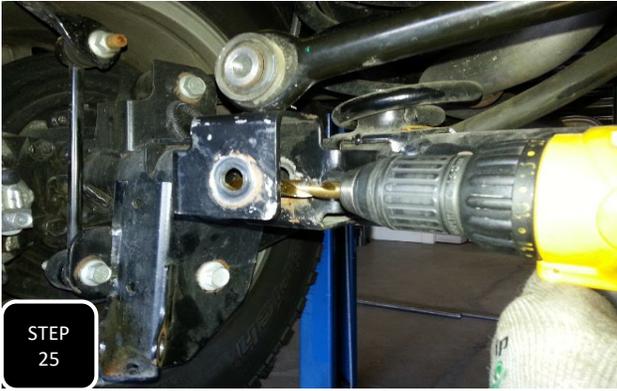
Step 22 Install both new coil springs and jack up the axle a little bit to make sure they stay seated on the spring perches.



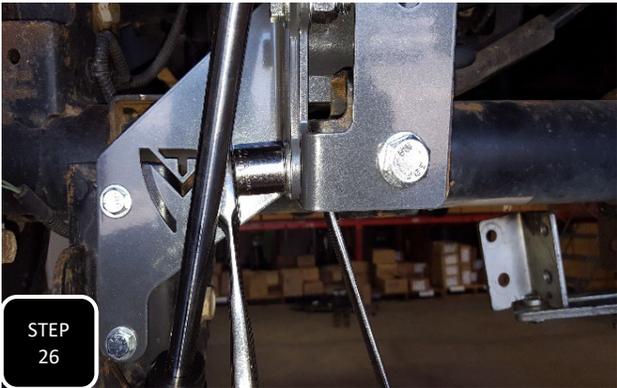
Step 23 Install the new bump stop extensions using the provided 3/8" hardware and with the angled cut leaning towards the front of the truck.



Step 24 A hole will need to be drilled on the inside of the factory trac bar bracket on the axle. Measure 1" over from the outside of the factory bracket and 3/4" up from the bottom of the bracket.



Step 25 Drill a 9/16" hole through your mark on the factory trac bar bracket.



Step 26 Loosely install the new trac bar bracket over the factory one and loosely install the factory bolt through the original mounting hole using the provided crush tube in the middle of the opening. Next, loosely attach the support bracket using the provided 1/2" hardware at the bracket and provided 3/8" hardware at the shock mount bracket. Torque the M14 bolt to 85 ft/lbs, the 1/2" bolts to 65 ft/lbs & the 3/8" bolts to 30 ft/lbs.



Step 27 Attach the trac bar to the bracket using the provided M14 bolt. For the 3" lift, attach the trac bar to the lower of the two holes. For the 4.5" lift, attach the trac bar to the higher of the two holes. **NOTE: DO NOT TIGHTEN THIS BOLT UNTIL THE TRUCK IS BACK ON THE GROUND AT RIDE HEIGHT. ALSO, USING A RATCHET STRAP TO PULL THE AXLE OVER WILL GREATLY EASE THE LINE UP PROCESS.**



Step 28 Install the new shocks using the factory hardware at both ends and tighten.



Step 29 Once the truck is back on the ground at ride height, torque the trac bar bolt to 85 ft/lbs. **NOTE: THE PICTURES ABOVE FEATURE THE TRAC BAR IN THE HOLE FOR THE 4.5" LIFT.**

-The headlights should be adjusted after modifying the stance of the vehicle.

-The vehicle's alignment will need to be checked.

-All suspension components should be re-torqued after 500 miles.



MaxTrac
s u s p e n s i o n

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.