



RUBICON EXPRESS 1017 W 600 N, Ogden, UT. 84404. 1-800-776-0767, www.Rubiconexpress.com

INSTALLATION INSTRUCTIONS FOR: JT42E JEEP GLADIATOR JT 2.0" SPACER KIT

Safety Warning:

Suspension systems or components that enhance the off-road performance of your vehicle may cause it to handle differently, on and off-road, than it did from the factory. Care must be taken to prevent loss of control or vehicle rollover during sudden maneuvers. Failure to drive the vehicle safely may result in serious injury or death to driver and passengers. We recommend you always wear your seatbelt, drive safely and avoid quick turns and other sudden maneuvers. Constant maintenance is required to keep your vehicle safe. Thoroughly inspect your vehicle before and after every off-road use.

Installation Warning:

We recommend that certified technicians perform the installations of our products. Attempts to install these products without knowledge or experience may jeopardize the safety of the vehicle. These instructions only cover the installation of our products and may not include factory procedures for disassembly and reassembly of factory components. Read instructions from start to finish and be sure all parts are present before disassembling the vehicle. Included instructions are guidelines only for recommended procedures and in no way are meant to be definitive. Installer is responsible to insure a safe and controllable vehicle after performing modifications. Do not perform test drives on public roads with partially completed installations. Always double and triple check your work before use.

ESP WARNING NOTE: The 2020+ Jeep Gladiator JT is equipped an Electric Stability Program (ESP). This system is designed to help control the vehicle in times of uncertain traction conditions and roll stability. Due to the complex nature of this program Rubicon Express strongly suggest that after lifting the vehicle it is returned to the dealer for a computer "flash" to re address tire size and proper ESP control settings. Rubicon Express also recommends that you become familiar with the ESP controls and how the different level of settings can help you to keep better control of your vehicle.

REQUIRED TOOLS:

Basic mechanics' hand tools
Vehicle Hoist

Jack Stands
Floor Jacks

JT42E:

1 RE1337: Spacer Kit (w/o Shocks):

2	90-44165	JL/JT Front 2.0" Lift Spacer
2	90-RM42520	2" Front Bump Stop Spacer
1	HWC15064	Hardware Pack: Front Bump Stops
2		3/8"-16 X 2 3/4" Hex Bolt gr. 8
2		3/8"-16 Flange Hex Nylon Lock Nut
2		3/8" Hardened Flat Washer
2	31-RM24428	Washer 3.0x.43x.375
4	86-RM24338	Sway Bar Spacer
1	90-6827	Hardware Pack:
4		10mm-1.5 X 40mm hex bolt gr. 10.9
4		10mm Hardened flat washer
1	HERNON 427	Red High Strength Thread Locking Compound
4	10999	11" Zip Tie Black

1 RE1305: Bumpstop Rear:

2	86-RM24437	Bumpstop RR Ext 2.0 JT
1	90-6513	Hardware Pack:
4		5/16-18 x 1 Hex Bolt J429 GR 8 Zinc II
4		5/16-18 Toplock Grade C Zinc
8		5/16 ASTM F436 Hard Washer (A325) Yellow Zinc

Front Installation:

1. Prepare for the front installation by removing the following items from the front of the vehicle: Tires, Shock (**Replacement Shocks Only**), Lower Shock Bolts (**Shock Extension Only**), Sway bar frame mounts (Front), Brake line bracket from the lower control arm and track bar (axle end only). Unclip the wires from the upper control arms and front differential.
NOTE: the front bumper skid plate may need to be removed in order to access the sway bar bolts.
2. Unbolt the driveshaft from the front differential to prevent it from being overextended.
3. With the items removed, lower the front axle assembly and remove the front coil springs and coil isolators.
NOTE: Be careful not to overextend the front drive shaft into the exhaust or skid plate.
4. Slide the new front coil spring spacer, 86-RM31140, on the upper tower with the lip facing down. Use the dowels on the factory isolator as locators for installation.
(Photos 1 & 2)
5. Remove the brake line mount from the passenger side axle mount.
6. Reinstall the coil spring up into the vehicle's upper spring tower while holding the bump stop spacer, 90-RM42520, inside the coil. Place into the lower coil bucket and rotate the coil into position.



(Photo #1)



(Photo #2)



(Photo #3)

7. Install the bump stop spacer, 90-RM42520, hardware through the axle bracket and secure using the 3/8" flange nut. For 37" tires on Rubicon or 35"s on all other models install 31-RM24428 under 90-RM42520. Reinstall the brake line mount on the passenger side of the axle. **(Photo 3)**
8. Raise the axle into place and install new shocks or reinstall the factory shocks using the front shock extensions, 86-RM24329 (from optional kit RE2008), at the axle mount and secure using factory bolt, 1/2" x 3 1/2" bolt, 5/16" X 1" bolt, sleeve, 90-2650, and hardware or install new shocks. **(Photo 4)**
9. Apply red thread locking compound to (4) 10mm X 40mm bolts. Install the (2 per side) sway bar spacers, 86-RM24338, under the sway bar frame mounts and secure using the 10mm X 40mm bolts and washers. **(Photo 5)**
10. Reinstall the factory front sway bar links into the front mounts, track bar, and reattach the brake line bracket to the lower control arm, and front driveshaft to differential. Torque OE front driveshaft bolts per manufactures specifications.
11. Reconnect all disconnected wires and check tension at full droop.



(Photo #4)



(Photo #5)



(Photo #6)

Rear Installation:

1. Install the rear bump stop pads, 86-RM24437, on the axle housing using the supplied 5/16" X 1" bolts and hardware from hardware pack 90-6513. Torque hardware to 20 ft.-lbs. **(Photo 6)**

NOTE: The "F" arrow needs to be pointing towards the front of the vehicle.

Installation review:

1. Torque all the bolts to factory specifications. Be sure to double check your work.
2. Test drive and note the location of the steering wheel.
3. Adjust the drag link to center the steering wheel if necessary.
4. Align the vehicle as soon as possible
5. Recheck all bolts after 50 miles and again after every off road excursion.

Application information:

- **Rubicon Edition:** This kit is designed for the use of up to **37"** diameter tires or smaller on the Rubicon Edition Vehicles. To have full clearance the corners of the upgraded OE winch capable steel bumper (MC6) must be unbolted. An aftermarket bumper is another alternative, but clearance should be checked during installation.
- **All Other JT Editions:** This kit is designed for the use of up to **35"** diameter tires or smaller on the Jeep JT Sport and Overland Editions. If **35"** tires are to be installed, it is recommended to use **35" x12.50"** tires on an **8"-9"** wide wheel with a 4.75" backspace.

JT42E Revisions:

04.25.2024: Initial Release

07.23.2024: Address update



RUBICON EXPRESS ADVANTAGE LIFETIME WARRANTY

Notice to Owner, Operator, Dealer and Installer:

Vehicles that have been enhanced for off-road performance often have unique handling characteristics due to the higher center of gravity and larger tires. This vehicle may handle, react and stop differently than many passenger cars or unmodified vehicles, both on and off-road. You must drive your vehicle safely! Extreme care should always be taken to prevent vehicle rollover or loss of control, which can result in serious injury or even death. Always avoid sudden sharp turns or abrupt maneuvers and allow more time and distance for braking! Rubicon Express reminds you to fasten your seat belts at all times and reduce speed! We will gladly answer any questions concerning the design, function, maintenance and correct use of our products.

Please make sure that the Dealer / Installer explains and delivers all warning notices, warranty forms and instruction sheets included with Rubicon Express product.

Application listings in this catalog have been carefully fit checked for each model and year denoted. However, Rubicon Express reserves the right to update as necessary, without notice, and will not be held responsible for misprints, changes or variations made by vehicle manufacturers. Please call when in question regarding new model year, vehicles not listed by specific body or chassis styles or vehicles not originally distributed in the USA.

Please note that certain mechanical aspects of any suspension lift product may accelerate ordinary wear of original equipment components. Further, installation of certain Rubicon Express products may void the vehicle's factory warranty as it pertains to certain covered parts; it is the consumer's responsibility to check with their local dealer for warranty coverage before installation of the lift.

Warranty and Return Policy:

Rubicon Express warrants its full line of products to be free from defects in workmanship and materials for the life of the product. Rubicon Express's obligation under this warranty is limited to repair or replacement, at Rubicon Express's option, of the defective product. Any and all costs of removal, installation, freight or incidental or consequential damages are expressly excluded from this warranty. Rubicon Express is not responsible for damages and / or warranty of other vehicle parts related or non-related to the installation of Rubicon Express product. A consumer who makes the decision to modify his vehicle with aftermarket components of any kind will assume all risk and responsibility for potential damages incurred as a result of their chosen modifications.

Warranty coverage does not include consumer opinions regarding ride comfort, fitment and design. Warranty claims can be made directly with Rubicon Express or at any factory authorized Rubicon Express dealer.

Claims not covered under warranty:

- Parts subject to normal wear; this includes bushings*, shock absorbers, driveshafts, ball joints, tie rod ends and heim joints.
- Discontinued products at Rubicon Express's discretion.
- Finish after 90 days.

Rubicon Express accepts no responsibility for any altered product, improper installation, lack of or improper maintenance or improper use of our products.

***Rubicon Express PT-MEG Super-Ride bushings are covered by the Rubicon Express Advantage Lifetime Warranty, and will be replaced in the event of failure for the life of the product.**