



2007 Jeep Wrangler JK

FTS7102 2.0" Economy Lift Kit



Full-Traction Suspension
6901 District Blvd
Bakersfield Ca 93313

Ph:661-398-9585



INSTALLATION INSTRUCTIONS

Part # FTS7102 2.0" Economy Lift Kit

2007 Jeep Wrangler JK

Read instructions from start to finish before installation

Part # FTS7102 Component Carton Qty

Installation Instructions 1

70-7122 Master Hardware Kit

5/16 x 3/4" Gr.8 Bolt	1
5/16 Metallock Nut	2
5/16 Flat Washer	4
5/16 x 2.75	1
3/8 x 3/4" Gr.8 Bolt	4
3/8 x Flat Washer	4
3/8 Metallock Nut	4
3/8" x 2" Self Tapping Bolt	2
9/16 X 3.0" Gr.8 Bolt	1
9/16 Metal Lock Nut	1
9/16 Gr. 8 Flat Washer	2
9/16 I.D. Trac Bar Bracket Crush Spacer	1

Components

50-7102F Front Coil Spring Spacers	2
50-7102R Rear Coil Spring Spacers	2
50-7127 Front Trac Bar Bracket	1
50-7101 Rear Bump Stop Block	2
CA1003 2" X 3" Front Aluminum Bump Stop	2

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. Eye protection is recommended when using power tools.

Lift kit can be ordered with either of the following optional shock absorbers.

Hydro Shock Absorbers (Optional) Qty

524515 (658526) Front Hydraulic Shock	2
527005 (650328) Rear Hydraulic Shock	2
MOO392-BK-01 5/8 Hourglass Bushing	6
BP20 Bar pin 3 1/2" Rear	2
SLE104 1/2" x 1-3/8" Sleeve	4
8172Bag1Stem Pack Large Diameter	2
MOO337-Black Shock Boot	4
Zip Tie	4
FTS Decal	4

M-Force Shock Absorbers (Optional) Qty

FTS825097 Front Gas Shock	2
FTS835100 Rear Gas Shock	2
MOO392-BK-01 5/8 Hourglass Bushing	6
BP20 Bar pin 3 1/2" Rear	2
SLE104 1/2" x 1-3/8" Sleeve	4
8172Bag1Stem Pack Large Diameter	2
MOO337-Black Shock Boot	4
Zip Tie	4
FTS Decal	4



Photo courtesy of Full-Traction Suspension
Copyright© 2006 - Project-JK.com. All rights reserved.



Important Safety Warning

2007 Jeep Wrangler JK

with Electronic Stability Program (ESP)

MUST READ:

Standard on the all-new 2007 Jeep Wrangler is an Electronic Stability Program (ESP), which aids the driver in maintaining vehicle directional stability in severe driving maneuvers on any type of surface. ESP features three modes – “full on,” “full off” and “partial on.” ESP provides the greatest benefit in critical driving situations such as turns, and is especially valuable when driving on mixed surface conditions including snow, ice or gravel. If there's a discernible difference between what the driver directs through the steering wheel and the vehicle's path, ESP applies selective braking and throttle input in order to put the vehicle back onto the driver's intended path.

NOTE:

ESP system activation will occur on a lifted Jeep JK when the steering wheel and the front steering system are not in proper alignment. Full-Traction Suspension recommends a professional front end alignment of the vehicle immediately following installation of *any* lift system. Proper alignment includes adjusting the Steering Drag Rod and Centering the Steering Wheel. Failure to align the front of the vehicle will result in automatic activation of the ESP system.

Important Safety Warning

2007 Jeep Wrangler JK

with Electronic Stability Program (ESP)



Part FTS7102* 2.0" Suspension Kit
2007 Jeep Wrangler JK

** Fits 2 door or
4 door models*



Photo courtesy of Full-Traction Suspension
Copyright© 2006 - Project-JK.com, All rights reserved.

PLEASE NOTE:

BEFORE YOU BEGIN:

Read the instructions separating the parts according to the areas where they will be used and placing the hardware with the brackets before you begin will save installation time.

Check the parts and hardware against the parts list to assure that your kit is complete.

Always wear safety glasses when using power tools.

A Jeep Wrangler Factory Service manual will aide in the installation of this kit.

DISASSEMBLY - FRONT

1. Raise and support vehicle with jack stands. Support axle with a floor jack. Remove wheels and tires.
2. Remove bolt from the bottom of the front shock absorbers. Disconnect the stabilizer bar (sway bar)link at the axle. Disconnect on both sides of the vehicle. Left & Right sides.
3. Remove the Trac Bar bolt which attaches the Trac Bar to the axle. Leave the Trac Bar attached to the frame.
4. Lower axle until coil spring is free from upper mount. Remove coil spring retainer bolt (if present) and remove the coil spring. Remove the rubber isolator from base as shown in **Fig. 2** Do not discard rubber isolator.



Fig.1



Fig.2

INSTALLATION - FRONT

1. Install new Full Traction Coil spacer and factory rubber isolator as shown in **Fig.1 & Fig.2**

2. Install new aluminum bump stop extension. Mark center of lower Coil Spring Pad. Using a 11/32" diameter drill bit, drill a pilot hole in the previously marked area. Install bump stop using 3/8" x 2" self-tapping hardware provided. Torque to 30 ft.-lbs. **Fig.3**

3. Install factory coil spring and shock absorber. Check the fitment of the coil spring and be sure it fits into the groove of the bottom coil cup. Remount factory sway bar link. Repeat same for opposite side of vehicle

4. Install new Full-Traction Front Trac Bar Bracket and the 1-1/8" x 14mm round tube crush spacer using factory bolt through center hole and the 5/16 bolts, nuts and washers into the side holes as shown in **Fig.5** Install the factory Trac Bar to the new bracket using the 9/16 x 3" bolt, nuts and washers.

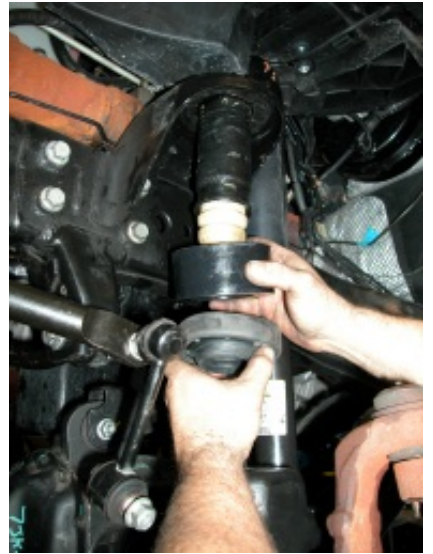


Fig.1



Fig.3



Fig.2



New Trac Bar Bracket in position to be mounted. Insert the 1-1/8" x 14mm round tube crush spacer and factory 9/16" x 3" bolt.

Fig.4



Fig.5

DISASSEMBLY - REAR

1. Raise the rear of the vehicle, support frame with jack stands and remove rear wheels.
2. Locate and remove the bottom bolt from the sway bar end link on one side of the vehicle. Leave rear sway bar attached at the frame. Remove rear shock absorber on one side of the vehicle.



Fig.6

3. Lower rear axle until the coil spring is free from the upper seat. Remove coil spring and factory rubber isolator.



Fig.7

INSTALLATION - REAR

1. Install factory rubber isolator together with new Full-Traction Coil Spring spacer as shown in **Fig. 6, 7 & 8** Combine the new spacer and rubber isolator together on top of the coil spring and install into vehicle.
2. Install rear shock absorber and sway bar link hardware. Repeat procedures for opposite side of vehicle. Refer to factory service manual for torque specs on factory hardware.
3. Using 3/8 x 3/4" bolts, install rear bump stop blocks to axle as shown in **Fig. 9** Secure bolts using 3/8 flat washers and metalock nuts provided. Tighten hardware. Repeat same for opposite side of vehicle.

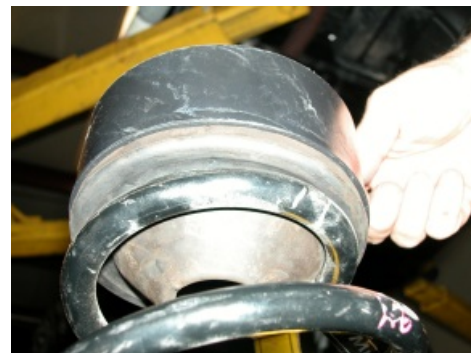


Fig.8

CHECKS AND ADJUSTMENTS. VERY IMPORTANT

- *Recheck all hardware for tightness after the first 100 miles.
- *Alignment of front wheels will be required, use factory specifications.

Congratulations on your choice of a performance engineered FULL-TRACTION SUSPENSION System. Proper maintenance of this kit will insure years of both on and off-road enjoyment. Check & re-torque all hardware every 500 miles or after EVERY off-road use. Periodically check wheel alignment and check for abnormal tire wear.



Fig.9

CORPORATE HEADQUARTERS:
6901 District Blvd. Bakersfield Ca 93313
Fax: 661\847-0189
Tech: 661\398-9585
E-mail: sales@full-traction.com
Website www.full-traction.com
Business Hours: 8:00 - 5:00 PST Monday - Friday

Place Warranty Sticker Here

WARRANTY

Full Traction Limited Warranty

About our warranty

Full Traction components may have minor finish damage to powder coated or plated surfaces which may occur during shipping and is not covered under warranty. Full Traction Suspension warrants each new Full Traction Component against factory defects in material and workmanship for 1 year after date of purchase. Full Traction Suspension systems are sold as complete systems and must be installed as such per Full-Traction installation instructions. Any substitutions of other manufacturers components or exemptions of required components will immediately void the warranty. Full-Traction suspension guarantees that all of its products are of the finest quality and free from manufacturing defects. Any product that has been manufactured incorrectly or is of a defective nature will be repaired or replaced at the discretion of Full-Traction Suspension. Returns: Only after written or verbal approval, send such part(s) and proof of purchase, via prepaid freight with an RGA (Return Goods Authorization) number to: Full-Traction Suspension 6951 McDivitt Dr. Bakersfield Ca 93313 USA. Shipments without an RGA number clearly designated on the outside of all containers or collect shipments will be refused. To obtain RGA(s) call 661/398-9585

What is not covered

Suspension and steel fabricated components: Limited (12) month warranty excluding the following items: Tie rod ends, bushings, hardware, brake lines, heim joints. These parts are subject to wear and are not considered defective when worn. They are warranted for 90 days from the date of purchase for defects in workmanship. Shock absorbers are covered under our limited warranty. Products or components installed on vehicles other than those specifically indicated in the Full-Traction Suspension catalog or website. Products or components which have been subjected to abuse, accident, alteration, modification, improper installation, tampering, negligence, misuse, or products installed on a vehicle used in sanctioned racing events. A race is defined as any contest between two or more vehicles, or any contest of one or more vehicles against the clock, whether or not such contest is for a prize. This warranty does not include vehicles used for government or commercial purposes. Full Traction does not warrant any product not manufactured by Full Traction Suspension. Full Traction Suspension products are not covered under warranty outside the United States of America. Full Traction Suspension shall not be liable for any loss, damage, or injury, whether ordinary, direct, special, incidental or consequential damages, arising from the manufacture, sale, installation, re-sale, delivery, possession, handling or use of its products. Full Traction Suspension is not responsible for typographical errors either in pricing or in content. Warranties, policies, and prices subject to change without notice.

Installer's Safety Warning

Full-Traction Suspension recommends our products to be installed by certified technicians only. These recommendations pertain only to Full-Traction Manufactured Products. Efforts to install our system without experience and knowledge may jeopardize the operating safety of the vehicle.

Detach and mail or fax to the address below

Name _____ Phone Number () _____

Address _____ City _____ State _____ Zip _____

Products Purchased from: _____ Date Purchased _____

Installed By _____ Date Installed _____

Vehicle make _____ Model _____ Year _____

Installation Comments _____

Product Part Number FTS7102 Description: 2007 Jeep JK 2" Economy Lift Kit

Mail or Fax To:
Full Traction Suspension
6901-F District Blvd
Bakersfield Ca 93313

Fax: 661-847-0189

Warranty Registration Number _____



WARRANTY FORM

WARRANTY FORM