



Maximum Suspension Performance...means - "Full-Traction"

Part # FTS7205 JEEP CHEROKEE XJ 4WD 3.5 SUSPENSION SYSTEM

HARDWARE AND PARTS LIST

Carton 1	Qty
Component List	
50-720503 Track Bar Bracket, Front	1
50-7505-1 Jeep Lower Control Arm	2
Installation Instructions	1
70-7570 Polyurethane Bushing Kit	
MO2782 Tapered Control Arm Bushing	8
SLE 116 Steel Bushing Sleeves	4
70-7568 Hardware Kit	
CA1006R Front Brake Line Bracket Right	1
CA1006L Front Brake Line Bracket Left	1
5/16" x 1" Bolt	4
5/16" Lock Nuts	4
B10M X 1.25 X 65 Bolt	1
N10M x 1.25 Nut	1
10M Lock Washer	1
B7/16 x 1.5 Bolt	1
NN7/16" Nut	1
7/16" Lock Washer	1
MOO2533 Front Bump Stop	2
FTS7245 Sway Bar Link Kit **	
50-720502 Sway Bar Link Rod	2
50-5000 End Link Eyelet	4
MOO392BK01 5/8" Hourglass Bushing	2
MOO393BK01 3/4" Hourglass Bushing	2
SLE104 Steel Sleeve	2
SLE 121 Steel Sleeve	2
Bail Pins	4
CA1005 Front Sway Bar Link U-brackets	2
3/8" x 1-1/2" Bolt	2
3/8" Metal Lock Nut	2
3/8" Flat Washer	2
1/2" x 2-1/2" Bolt	2
1/2" Metal Lock Nut	2
BOX A 7145	
BOX B 7145	

** Certain Components May Come Pre-Assembled

Carton 1 continued...	Qty
70-7569 U-Bolt Kit	
15-R650 U-Bolts 6.50 x 3.00 x 0.50	4
7/16" Lock Nuts	8
5/16" x 5 Center Bolt with nuts	2
2-1/2" KWIK KLIPS KK9	4
7/16" SAE Flat Washer	8
Shock Component kit	
Front Shocks U650346 (658526)	2
Rear Shocks U657341 (658527)	2
BP7 Bar Pin to Front Shock 3.25"	2
BP20 Bar Pin to Rear Shock 3.50"	2
SP01 Stem Paks	2
MOO392BK01 5/8" Hourglass Bushing	6
Zip Ties	4
Shock Boots/Large	4
Carton 2	
50-720501 Front Coil Spring	2
Carton 3	
50-720505 Add-A-Leaf	2
50-720506 Add-A-Leaf	2





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INSTALLATION INSTRUCTIONS

PART # FTS7205

84-2001 JEEP CHEROKEE XJ 4WD

3.5" SUSPENSION SYSTEM

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.

DISASSEMBLY - FRONT

1. Raise and support vehicle with jack stands. Support axle with a floor jack. Remove wheels and tires.

NOTE: If vehicle is equipped with ABS brakes remove sensor wire from the inboard side of the lower control arm.

2. Remove lower control arms.

3. Remove the coil spring bottom retainer bracket. Save bracket and bolt. Remove front shocks

Disconnect the front track bar at the upper frame bracket. Save Factory bolt to be reused later.

INSTALLATION - FRONT

1. Insert the bushings and sleeves, using a thin layer of lubricant, into the new Lower Control Arms.

2. Install New Full-Traction Lower Control Arms.

Mount with the Gusset in the "UP" position. There should be a gap between the axle and the gusset. This is so the gusset will not hit the axle upon articulation. **Fig 1**



Continued..

3. Install new Full-Traction Front Track Bar bracket to frame using existing hardware from Step #4 during removal. Install new bracket using factory bolt and handle-nut in the top hole. Install the supplied 7/16" x 1.5" bolt, nut and washer into the top right hole. **Fig 2.** Leave the new bracket attached with the two bolts. Do not install the track bar into the new bracket yet. Installing the track bar is done last after all other components have been installed and the vehicle is on flat level ground.

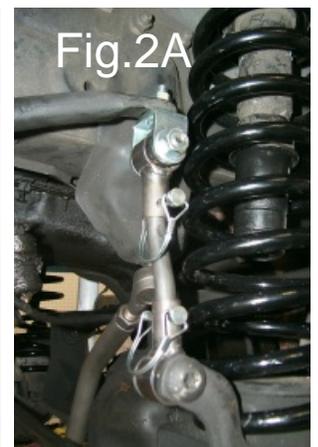


4. Install the 5/8" hourglass bushing and CA1007 3.25" bar pin through the bottom eye of the front shock. (Use a bench vise to assist in pushing the bar pin through the bushing). Remove old shock. Install the new front shock starting from the top. Attach the top of the shock using the supplied stem cushions and hardware. The shock will now hang from the stem. Install Front Bump stops **Fig.2B**

5. Install new front coil springs one side at a time. Attach the coil spring tie down bracket. After the coil is in place, place the floor jack under the axle to raise it up. Install factory bolts through the bar pin to secure the front shock. Repeat same for opposite side.



6. Install new Left and Right Full Traction front sway bar Links. **Fig.2A**



7. Install new Left and Right front brake line extensions using 5/16" x 1 bolts. Secure with 5/16" Lock nuts.

PART 2 - REAR

DISASSEMBLY AND ASSEMBLY - REAR

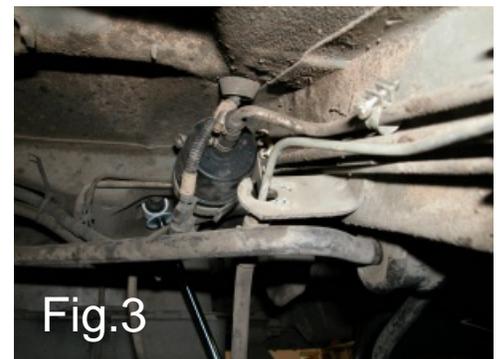
1. Raise rear of vehicle with floor jack and support frame with jack stands.

2. Remove rear shocks. Save hardware to be used again on new FTS shocks.

3. Unclip the rear brake line from the frame bracket. Allow the line to pass freely. **Fig 3.**

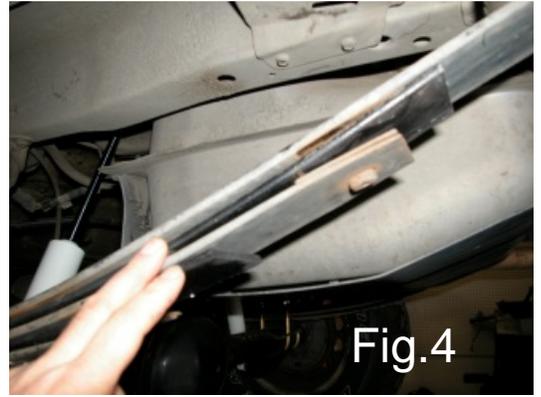
Mount the floor jack under the rear differential to support the axle.

4. Remove the U-bolts holding the spring to the axle. Lower the jack down slowly to separate the spring and axle.



5. Leaving the spring attached to the frame of the vehicle, remove the center bolt on the spring holding the leaf pak together.

Install new FTS Add-A-Leafs in the corresponding order according to the length. (Kit includes 2 Leafs per side - 1 short/1 Long) Use the floor jack to raise or lower the axle. Install the new supplied 3/8" center bolt and nut. Cut off any excess bolt with hack saw or grinder. **Fig.4**

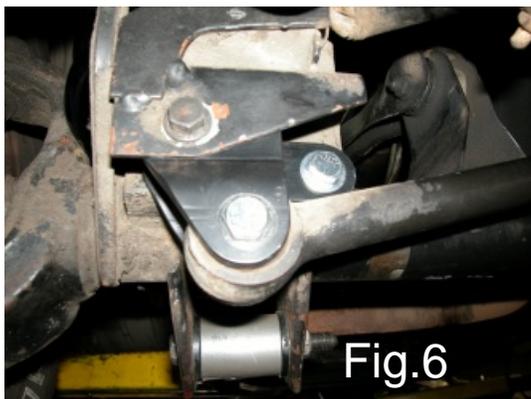


6. Install 2-1/2" wide Kwik Clips near the ends of the leaf springs. Raise floor jack to put axle into proper position with the leaf springs. Install new supplied U-Bolts and 7/16" Lock nuts and Washers. Torque Hardware. **Fig.5**

7. Install Bar pins into the top eye of the rear shocks. Install rear shocks and boots.

8. Install front and rear wheels and put vehicle back on level ground.

9. Using supplied 10m x 65m Bolt and nut, assemble track bar to the new Full Traction track bar bracket. **Fig.6**



CHECKS AND ADJUSTMENTS. VERY IMPORTANT

* Recheck all hardware for tightness after the first 100 miles.

With Optional Front Adjustable Track Bar

* To adjust location of front axle (side to side), Adjust rod end located at the end of the Adjustable track bar to move axle to the desired location. Tighten jam nut on Rod End, then torque.

* Steering stops can be adjusted by use of spacers behind welded jam nuts or by use of a secondary jam nut (not provided).

* Headlights should be adjusted.

* Rotate front and rear drive shafts with suspension hanging. Depending on engine, transmission and differential combinations, it may be necessary to modify drive shafts to accommodate the lift.

Footnote: Vehicles equipped with light duty, double offset joint (rubber boot) front driveshafts must be replaced with spicer constant velocity (CV) type.

* Alignment of front wheels will be required, use factory specifications.

TORQUE SPECIFICATIONS

Lower Control Arms-to-Axle	130ft/lbs.
Front Shock Absorbers at Axle	20ft/lbs.
Center Link-to-Pitman Arm	35ft/lbs.

Congratulations on your choice of a performance engineered FULL-TRACTION Suspension System. Proper maintenance of the kit will ensure years of both on and off road enjoyment. Check and re-torque all hardware every 500 miles or after EVERY off-road use. Keep all bushings and pivot points properly lubricated. Periodically check wheel alignment and check for abnormal tire wear.

Mfg. By:

FULL-TRACTION Suspension 6951 McDivitt Dr. Bakersfield Ca 93313

Tech Ph: (661)398-9585

E-Mail: sales@full-traction.com

Website: www.full-traction.com



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 FTS7205 Description: _____ Jeep XJ 3.5" suspension system

Warranty Registration Number _____

Mail or Fax To:
Full Traction Suspension
6951 McDivitt Dr
Bakersfield Ca 93313

Fax: 661-398-9555