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1997-2002 FORD EXPEDITION 4WD
FTS97159-5BK 6" REAR LIFT COIL SPRINGS

PARTS LIST:

FTS97159-5BK Rear 6" Expedition Coil Spring		
Qu a	Part #	Description
1	FT30353	Hdwr Sub-Assembly Kit
1	FT97159-3-1BK	Trac Bar Bracket
2	FT97159-4-2	Bump Stop Bracket
2	FT97159-5BK	Coil Spring

FT30353 Hdwr Sub-Assembly Kit		
Qu a	Part #	Description
4	43000005052	7/16" SAE Flat Washer
1	43140003502	7/16"-14 Nylock Nut
2	43141251052	7/16"-14 x 1 1/4" Bolt
1	43141501081	7/16"-14 x 1 1/2" Bolt
2	56000005052	9/16" SAE Flat Washer
1	56180003052	9/16" Nylock Nut
1	56183001081	9/16"-12 x 3"
4	FT404739	12mm Shock Sleeve
2	FT90038	Nut Tab
2	FT97159-5i	Instruction Sheet
1	FTAS12	Sticker
2	FTS86	Urethane Bump Stop
1	FTAS16	Driver Warning Decal
1	FTLOCK	Thread Locking Compound
1	FTREGCARD	Registration Card

CHECK ALL PARTS INCLUDED IN THIS KIT TO THE PARTS LIST ABOVE BEFORE BEGINNING INSTALLATION OF THE KIT. IF ANY PIECES ARE MISSING, CONTACT FABTECH AT 909-597-7800

TOOL LIST:
JACK STANDS

**FLOOR JACK
ASSORTED METRIC WRENCHES AND SOCKETS**

READ BEFORE INSTALLATION:

**Some 4WD Expeditions may Experience Rear Drive Line Vibration
If You Experience Rear Drive Line Vibration You Will Need to Order One of The Following
Kits:**

**FTS22008BK – Rear Upper Link Arm Kit (this kit will be used if your truck is equipped with
a factory C.V. style rear drive shaft)**

Or

**FTS22009BK – Rear Upper Link Arm With New C.V. Drive Shaft Kit. (this kit is used is your
truck is equipped with a NON C.V. style rear drive shaft)**

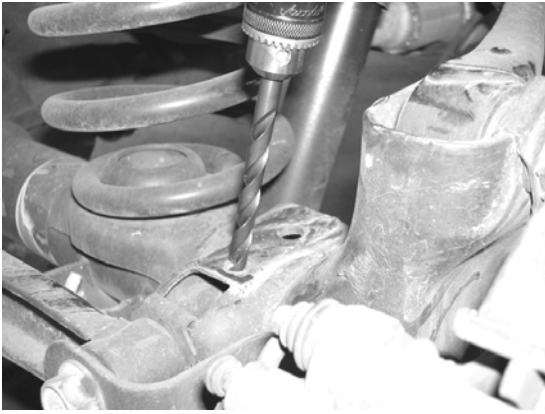
THIS KIT WILL NOT WORK ON EXPEDITIONS WITH REAR AIR BAG SUSPENSION.

**READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING
INSTALLATION!**

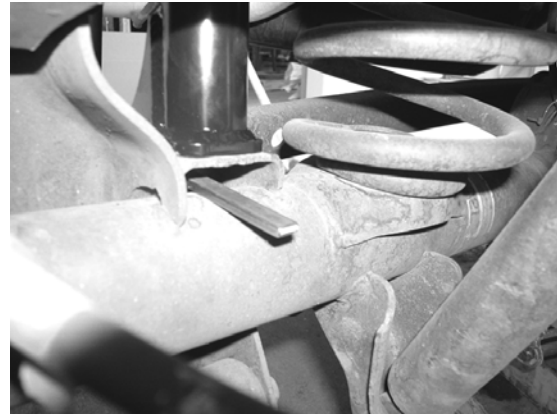
**WARNING: FABTECH RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN
WORKING WITH COIL SPRINGS TO AVOID SERIOUS INJURY!**

INSTRUCTIONS:

1. Disconnect the negative terminal on the battery. Jack up the rear end of the vehicle and support the frame with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the rear tires.
2. Using a floor jack, raise the rear differential enough to compress the rear shocks ½”. Remove the bolt securing the top of the track bar to the frame, save hardware.
3. Remove the two rear shocks and discard.
4. Locate the factory bump stops and remove and discard the bump stops and hardware.
5. Locate the factory upper sway bar end link mounts on the frame. Disconnect the sway bar end links from the frame only, and save hardware. Slowly lower the jack under the differential to release the coil springs, **USE EXTREME CAUTION, THE COIL SPRING CAN BE UNDER LOAD!** Remove the coil springs and insulators, remember the position of the coil insulators on top of the coil, they will be reinstalled.
6. Locate the original mounting perch for the bump stop previously removed. Using a drill, drill the factory bolt hole out to 7/16”. Locate the new Bump Stop mount FT97159-4-2, using the supplied 7/16” x 1 ¼” bolt, washer, and supplied FT90038 nut tab, apply a small amount of the supplied thread locking compound to the bolt and attach the bump stop mount to the frame. NOTE the supplied nut tab will be inserted from the front side of the axle. Thread the supplied FTS86 bump stop into the top of the new bump stop mount. Torque nut tab bolt to 35 lbs. SEE PHOTOS ON NEXT PAGE.



Drill factory hole out to 7/16.”



Nut positioned from the front of axel.

7. Take the track bar drop bracket FT97159-3-1 and slide it inside the upper track bar frame bracket. Using the supplied 9/16” bolt, nut, and washer attach the track bar to the frame. Leave loose. Locate the 7/16” hole on the outside edge of the original track bar mount, line it up with the 7/16” hole in the track bar drop bracket. Use the supplied 7/16” bolt, flat washers and nylock nut to secure the track bar drop bracket to the frame, if the holes are not perfectly aligned you can use a 7/16” reamer to remove any excess material. Tighten the 7/16” bolt to 35 ft./lbs. followed by the 9/16” bolt to 75 ft./lbs.
8. Place the original coil insulators onto the new coil springs. The top of the coil springs have the small pigtail winding, make the insulator is timed properly onto the coil spring. Hold the coil springs in the coil pockets, making sure they are timed properly, and raise the floor jack supporting the differential.
9. Slide the track bar into the drop bracket and using the lower bolt hole, reinstall the original bolt and torque to 75 ft./lbs.
10. Locate the hole on each side of the frame for the upper sway bar bolts. Measure straight down 3 ½” and mark the location with a center punch. Drill a ½” hole at the marked locations. Attach the sway bar to the frame using the original bolts and the new holes in the frame. Torque to 55 lbs.
11. Locate the new Fabtech rear shock (not included in kit). Using the supplied FT404739 sleeves, press one into each end on the shock. Install the shocks onto the truck using the factory hardware.
12. Reinstall the rear tires and torque the lugs to factory specifications. Set the truck back on the ground. We recommend you drive the vehicle for fifty miles and then retorque all fasteners.
13. Check front-end alignment and set to factory specifications. Re-adjust headlights.

RETORQUE ALL NUTS, BOLTS AND LUGS AFTER 50 MILES AND PERIODICALLY THEREAFTER.

For technical assistance call: 909-597-7800

Product Warranty and Warnings-

Fabtech provides a Limited Lifetime Warranty to the original retail purchaser who owns the vehicle, on which the product was originally installed, for defects in workmanship and materials.

The Limited Lifetime Warranty excludes the following Fabtech items; bushings, bump stops, ball joints, tie rod ends, limiting straps, cross shafts, heim joints. These parts are subject to wear and are not considered defective when worn. They are warranted for 60 days from the date of purchase for defects in workmanship.

Take apart shocks are considered a serviceable shock with a one year warranty on leakage only. Service seal kits are available separately for future maintenance. All other shocks are covered under our Limited Lifetime Warranty.

Fabtech does not warrant any product for finish, alterations, modifications and/or installation contrary to Fabtech's instructions. Alterations to the finish of the parts including but not limited to painting, powdercoating, plating and/or welding will void all warranties. Some finish damage may occur to parts during shipping which is considered normal and is not covered under warranty.

Fabtech products are not designed nor intended to be installed on vehicles used in race applications or for racing purposes or for similar activities. (A "RACE" is defined as any contest between two or more vehicles, or any contest of one or more vehicle against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America.

Installation of most suspension products will raise the center of gravity of the vehicle and will cause the vehicle to handle differently than stock. It may increase the vehicle's susceptibility to a rollover, on road and off road, at all speeds. Extreme care should be taken to operate the vehicle safely at all times to prevent rollover or loss of control resulting in serious injury or death. Fabtech front end Desert Guards may impair the deployment or operation of vehicles equipped with supplemental restraining systems/air bag systems and should not be installed if the vehicle is equipped as so.

Fabtech makes every effort to ensure suspension product compatibility with all vehicles listed in the catalog, but due to unknown auto manufacturers production changes and/or inconsistencies by the auto manufacturer, Fabtech cannot be responsible for 100% compatibility, including the fitment of tire and wheel sizes listed. The Tire and Wheel sizes listed in Fabtech's catalog are only a guideline for street driving with noted fender trimming. Fabtech is not responsible for damages to the vehicle's body or tires.

Fabtech's obligation under this warranty is limited to the repair or replacement, at Fabtech option, of the defective product only. All costs of removal, installation or re-installation, freight charges, incidental or consequential damages are expressly excluded from this warranty. Fabtech is not responsible for damages and/or warranty of other vehicle parts related or non related to the installed Fabtech product. This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been subject to accident, negligence, alteration, abuse or misuse as determined by Fabtech.

Fabtech suspension components must be installed as a complete system including shocks as shown in our current catalog. All warranties will become void if Fabtech parts are combined and/or substituted with other aftermarket suspension products. Combination and/or substitution of other aftermarket suspension parts may cause premature wear and/or product failure resulting in an accident causing injury or death. Fabtech does not warrant products not manufactured by Fabtech.

Installation of Fabtech product may void the vehicles factory warranty; it is the consumer's responsibility to check with their local vehicle's dealer for warranty disposition before the installation of the product.

It is the responsibility of the distributor and/or the retailer to review all warranties and warnings of Fabtech products with the consumer prior to purchase.

Fabtech reserves the right to supercede, discontinue, change the design, finish, part number and, or application of parts when deemed necessary without written notice. Fabtech is not responsible for misprints or typographical errors within the catalog or price sheet.