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1997-1999 FORD F-150 2 WHEEL DRIVE
FTS97150 2" LIFT LEVELING COILS

PARTS LIST:

2EA. COIL SPRINGS FT97150

TOOL LIST:

JACK STANDS

FLOOR JACK

ASSORTED METRIC WRENCHES AND SOCKETS

COTTER PINS

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 front end of vehicle and support the frame with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!**
2. Starting on the driver side of the truck, support the lower control arm (LCA) with a floor jack. Remove front tires, shocks, sway bar end links and calipers. Remove the cotter pins and nuts on the upper and lower ball joints. Separate the upper and lower ball joints from the spindle and take the spindle off the truck. Slowly lower the jack under the LCA to release the coil spring, **USE EXTREME CAUTION, THE COIL SPRING CAN BE UNDER LOAD!** Remove the coil spring and upper coil insulator.
3. Remove the two bolts, eccentric cams, holding the upper control arm to the frame. You will need to grind off the triangular portion of the upper control arm, on the bottom side of the arm, near the rear bushing pivot. Reinstall the upper control arm the same way it was removed. If the eccentric cams do not have an adjustable inner cam, the side with the nut, you will need to install them. Purchase part #FTS97150-01 direct from Fabtech Motorsports.
4. Take the FABTECH lift spring and place the upper coil insulator on the top of the spring, the top of the coil spring has a tighter wind. While pushing down on the LCA set the coil spring into the coil pocket. Properly time the bottom of the coil spring with the indentations in the LCA. When the coil is in the proper position raise the jack under the LCA to hold the coil in place. Install the new shock onto the stock mounts, this will

retain the coil spring in the event your jack slips. Place the spindle back onto the ball joints, retorque the ball joint castle nuts and install new cotter pins. Reinstall the brake caliper and sway bar end links the same way they were removed.

5. Repeat steps number 2 through 4 on the passenger side.
6. Reinstall the two front wheels and torque the lugs to factory specifications. Set the truck back on the ground. Adjust the toe-in to factory specifications if necessary. We recommend you drive the vehicle for fifty miles and then have the vehicle aligned 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.