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**2005 - 2007 FORD SUPER DUTY 4WD**  
**REAR BOX KIT FOR REPLACEMENT LEAF SPRINGS (FTS281)**  
**FTS22045**

**PARTS LIST:**

<b>Qua</b>	<b>Part #</b>	<b>Description</b>
1	FTS419	Shim Kit
4	FT351U	U-Bolt
1	FT58H	U-Bolt Hardware
1	FT30156	RR E-Brake Bracket
1	31181501081	5/16"-18 x 1 1/2" Hex Bolt
1	31180003052	5/16"-18 Nyloc Nut
2	31000005052	5/16" SAE Flat Washer
1	FT22045i	Instruction Sheet

**Tool List: (Not Included)**

**Floor Jack**

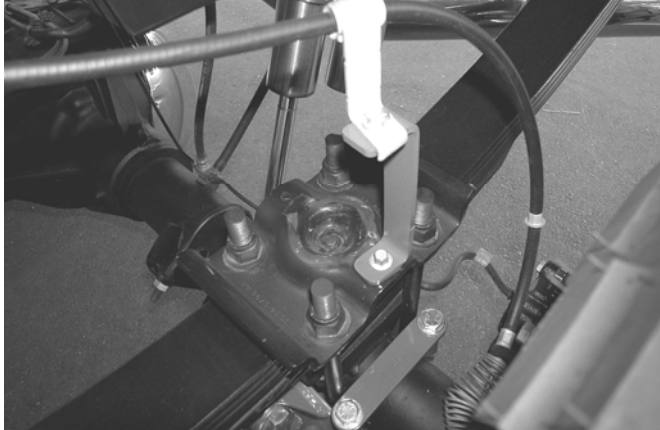
**Jack Stands**

**Assorted Metric and S.A.E Sockets & Allen Wrenches**

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

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

## INSTRUCTIONS:

1. Disconnect the negative terminal on the battery. Jack up the rear end of the vehicle and support the frame rails with jack stands. Supporting the rear differential remove and discard the rear shocks. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!**
  2. Remove the u-bolts from truck and discard. Lower the axle down slowly. Use care not to over extend the brake hose.
  3. Locate the E-Brake cable mount on the driver side spring perch. Remove the bolt attaching the e-brake cable to the mount and discard the hardware.
  4. Remove the complete leaf spring packs from the truck and discard. Save the factory hardware. **If your truck is equipped with a factory over load leaf on top of the factory leaf spring pack you will NOT be able to reuse it with this replacement leaf pack.**
  5. Locate the new FTS281 rear leaf springs (not included in this kit) and install into the factory position using factory hardware. You will use the supplied u-bolts and the factory shackle and hanger hardware. **Note: the factory block in the truck will be reused in the factory location and position.** Torque u-bolts to 90 ft. lbs and leave the shackle and hanger bolts loose at this time.
  6. Locate FT30156 and attach the e-brake cable to it using the supplied 5/16" bolt, nut, and washer. Using the original hardware attach the new bracket to the spring perch. SEE PHOTO BELOW.
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7. Install Fabtech shock part number FTS7266 (not included) with the factory hardware and torque bolts to 65lbs.
  8. Install FTS419 as per the instruction sheet enclosed in the FTS419 box.
  9. Install tires and wheels and torque lug nuts to wheel manufacturers specifications.
  10. Recheck all bolts for proper torque. Recheck brake hoses and lines for proper clearances.
  11. Check front-end alignment and set to factory specifications. Readjust headlights.
  12. Reinstall the rear tires and torque the lugs to factory specifications. The factory torque specifications can be found in your owners manual.
  13. Remove the jack stands and set the truck back onto the ground. Check the torque on all fasteners.
  14. Torque the front bolts to 222 ft. lbs. and the rear bolts to 185 ft. lbs.
  15. Check the front-end alignment and set to the 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.