



Fabtech Performance Suspension
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INSTALLATION INSTRUCTIONS

FTS22028BK
2005 - 2007 FORD SUPER DUTY 4WD
REAR DUAL SHOCK KIT

PARTS LIST:

Qua	Part #	Description
1	FT30132BK	Driver Upper Mount
1	FT30131BK	Passenger Upper Mount
1	FT30199BK	Driver Lower Mount
1	FT30130BK	Passenger Lower Mount
4	FT735U	U-Bolt
1	FT12H	U-Bolt Hardware
1	FT30200	Hardware Kit
1	FTAS12	Fabtech Sticker
1	FTAS16	Driver Warning
1	FTREGCARD	Registration Card
2	FT22028i	Instruction Sheet

HARDWARE:

Qua	Description
4	1/2"-13 x 6" Hex Bolt
8	1/2"-13 x 1 1/2" Hex Bolt
12	1/2"-13 Nyloc Nut
24	1/2" SAE Flat Washer
8	1/2" USS Washers
1	1/4"-20 x 3/4"
1	1/4"-20 Nyloc Nut
2	1/4" SAE Flat Washer

TOOL LIST: (NOT INCLUDED)

- **FLOOR JACK & JACK STANDS**
- **Assorted Metric & S.A.E Sockets & Wrenches**
- **Torque Wrench**
- **Drill With 1/2" Drill Bit**
- **Air Hammer w/Flat Chisel and Center Punch Bit**
- **Die Grinder With Cut Off Wheel**

BEFORE YOU BEGIN INSTALLATION PLEASE READ THE FOLLOWING:

DO NOT ALTER THE FINISH OF THESE COMPONENTS, EXAMPLE- CHROMING, ZINC PLATING OR PAINTING. CHANGING THE FINISH CAN CAUSE STRUCTURAL FATIGUE OF COMPONENTS.

THIS KIT WILL NOT WORK WITH A FACTORY REAR SWAY BAR. THE SWAY BAR WILL NEED TO BE REMOVED

EXHAUST MODIFICATION IS REQUIRED

READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED, SEVERE FRAME, DRIVELINE AND / OR SUSPENSION DAMAGE MAY RESULT.

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.

THE INSTALLATION OF THIS SUSPENSION SYSTEM SHOULD BE PERFORMED BY A PROFESSIONAL MECHANICS.

INSTRUCTIONS:

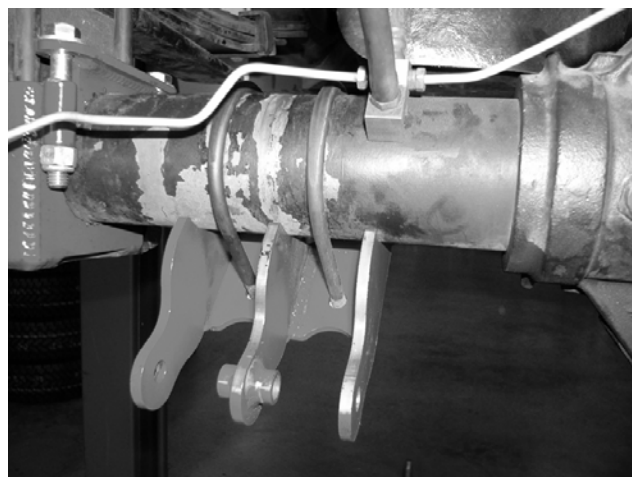
1. Disconnect the negative terminal on the battery. With the vehicle on level ground set the emergency brake and block the front tires. Jack up the rear end of the truck and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the rear tires. Support the rear axle with a floor jack just enough so that axle does not hang freely.
2. Remove the rear shocks and discard.
3. Locate the brake line mount on the passenger lower shock mount. Remove the brake line tab from the mount and discard the hardware.
4. Working from the driver side of the truck, locate the factory rear upper shock mount. Using a die grinder with a cut off wheel, cut an X pattern across the head of the four rivets. Using an air hammer with a chisel bit, remove the head of the rivets. Then use the air hammer with a punch bit and remove the rest of the rivet from the frame. Remove the bracket from the frame. With the bracket removed from the frame drill the four holes out to 1/2". **(Make sure to check for wires in frame rail prior to drilling).** SEE PHOTOS BELOW.



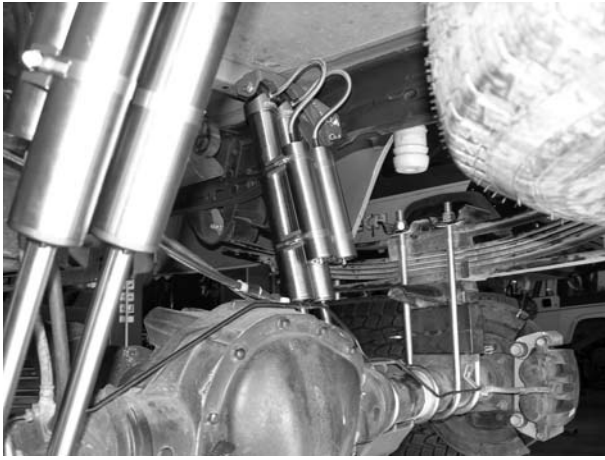
5. Locate FT30132BK Driver Bracket, FT30131BK Passenger Bracket, Using the supplied 1/2" x 1 1/2" hardware attach the bracket to the frame. Torque to 75 ft. lbs. SEE PHOTO IN NEXT COLUMN



6. Repeat steps four and five on the passenger side of the truck.
7. Locate the factory lower shock mounts on the axle. Remove and discard the brackets and hardware.
8. Locate the new Fabtech Lower Shock Mount FT30199BK (driver) FT30130BK (passenger). Place the bracket onto the axle in the stock location, make sure the center pin on the axle is positioned in the locator hole in the shock mount. Attach to the axle use the supplied FT735U U-Bolts and 1/2" hardware. Torque to 65 ft. lbs. **Note: If your truck is equipped with a Factory Rear Sway Bar, it will have to be removed at this time to install the lower shock brackets.** SEE PHOTO BELOW.



9. On the passenger side of the truck, locate the factory brake line tab and re-bolt it to the new lower shock mount using the supplied 1/4" bolt, nut, and washer.
10. If installing the Fabtech Performance shock, mount the can of the shock down. If installing the Fabtech's Dirt Logic 2.25" Resi. Shocks, mount the reservoirs on the driver side shocks on the forward side of the shocks and the passenger side shocks mount the reservoirs to the rear side of the truck. **Note: Mount the reservoirs so the bottom of the reservoir is 3 1/2" above the bottom of shock cylinder. This is done for clearance between the reservoir and rear axle during shock travel.** SEE PHOTO BELOW.



Picture shows Exhaust Modification Completed

11. Re-torque all hardware.
12. Reinstall the wheels and set the truck back on the ground. Check proper routing of all brake lines and shock resi. lines.
13. Re-torque all hardware after 500 miles of drive time.

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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.