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2005 - 2011 FORD F-250/350 SUPER DUTY 4 WD
FTS22030 2" SPACER LEVELING KIT

	FTS22030	05 Ford 4wd 2" leveling kit
Qua	Part #	Description
2	FT30162	Coil Spacer 2"
1	FT30333	Hdwr Sub-Assembly Kit
1	FT30177	Hardware Kit

	FT30333	Hdwr Sub-Assembly Kit
Qua	Part #	Description
2	FT30171	Brake Line Drop Bracket
2	FT30172	Brake Line Bracket @ Axle
2	FT120	Lower Shock Mount Spacers
2	FT22030i	Instruction Sheet
1	FTAS16	Driver Warning
1	FTAS12	Fabtech Sticker
1	FTREGCARD	Registration Card

	FT30177 Hardware Kit
Qua	Description
2	14mm-2.0 x 100mm
2	14mm Flat Washer
2	5/16"-18 X 1 1/4" Bolt
4	5/16" SAE Washer
2	5/16"-18 Nyloc Nut
4	8mm-1.25 X 20mm
4	8mm Flat Washer
1	Lock Tight

TOOL LIST:

- **FLOOR JACK**
- **JACK STANDS**
- **ASSORTED METRIC AND S. A. E. WRENCHES AND SOCKETS**
- **DIE GRINDER WITH METAL GRINDING BIT**

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

READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION.

LIFT INSTRUCTIONS:

1. Disconnect the negative terminal on the battery. Jack up the front end of the truck and support the frame, at the front frame rails, with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE.** Remove the front tires.

2. Working from both sides of the truck, remove the brake calipers and tie them up out of the way. **DO NOT ALLOW THE CALIPERS TO HANG FROM THE BRAKE LINES!** Remove the brake line and ABS line tabs at the spring perch on the axle and on the front side of the coil bucket. Save all the hardware.

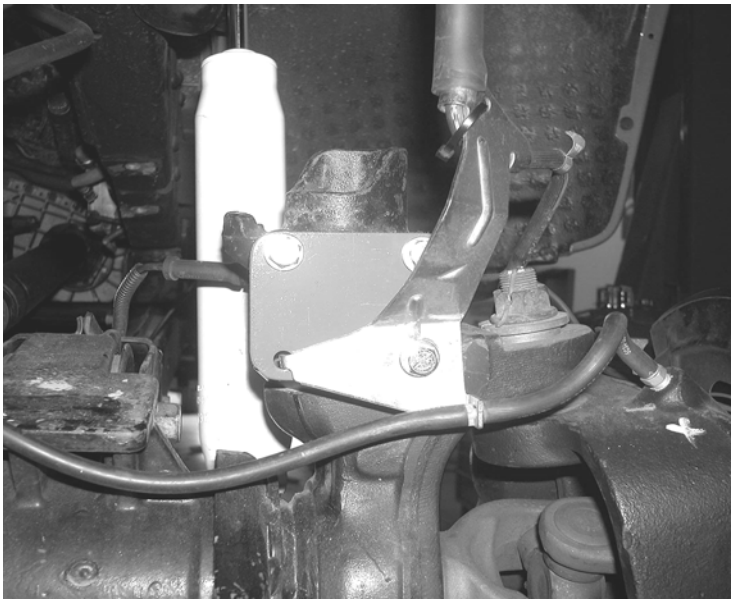
3. Supporting the front axle with two floor jacks, remove the front shocks and the sway bar end links from the axle mounts. Discard the front shocks. Save the factory hardware from the lower shock mount and the sway bar end links.

4. Lower the front axle allowing the coil springs to come free of tension. **EXERCISE EXTREME CAUTION WHEN WORKING WITH COIL SPRINGS UNDER LOAD!** Remove the coil springs from the truck and save along with the factory upper coil isolator.

5. Remove the factory lower spring perch from the axle and discard the original hardware.

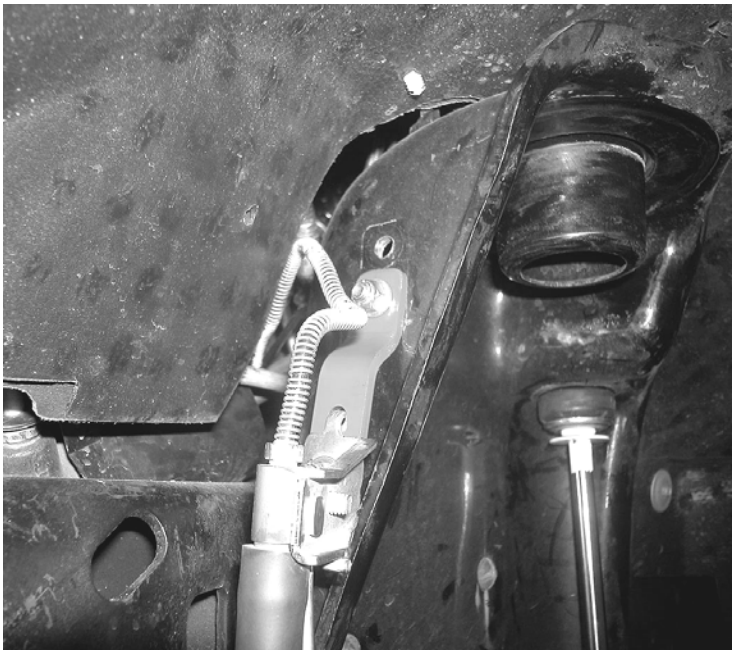
6. Locate FT30162 coil spacer and place on top of the axle were the factory spring perch was mounted, place the factory spring perch on top of the new spacer. Attach the factory perch and new spacer to the axle using the supplied 14mm bolt and washer. Use a small amount of the supplied thread locking compound on the bolt. Torque to 80 ft. lbs.

7. Locate FT30172 Brake line bracket, attach the bracket to the factory spring perch using the supplied 8mm bolts and washers. Using the 5/16" hardware attach the factory brake line bracket to the new Fabtech bracket. SEE PHOTO NEXT COLUMN.



FOR 2008-11 MODEL TRUCKS, SKIP STEP 8 AND GO STRAIGHT TO STEP 9

8. Locate the factory brake line mount hole on the front side of the coil bucket, attach FT30171 brake line bracket to the hole using the original factory hardware. Attach the factory brake line to the new bracket to using the supplied 5/16" hardware. SEE PHOTO BELOW.



9. Install the factory coil spring back into the truck in the same position it was originally. Raise the floor jacks just enough to start to compress the coil springs. **DO NOT LIFT THE TRUCK OFF THE JACK STANDS.**

10. Locate the lower shock mount on the axle. Using a die grinder, grind ¼" off the top of the shock mount as shown in the photo below. SEE PHOTO BELOW.

11. Locate FTS7192 front shocks, (not included with kit). Install to the upper mount using the supplied hardware in the shock kit. Locate FT120 Lower Shock Mount Spacer and place between the shock and the outer tab, attach the shock using the factory hardware. You may need to raise the floor jacks another 1" to connect the shocks. **USE CARE TO NOT LIFT THE TRUCK OFF THE JACK STANDS.**

12. Install front tires and wheels. Torque lug nuts to wheel manufacturers specifications. Remove the truck from the jack stands.

13. Check the front-end alignment and set to the factory specifications. Re-adjust headlights.

Double check that all nuts and bolts are now tight before proceeding to the rear.

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 inconstancies 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.

Instruction Sheet Part #- FT22030i 08/18/11 JP