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FTS221152
Dirt Logic 2.25 Dual Steering Stabilizer System
2000 - 2004 Ford F250 & F350 4WD

Parts List

PARTS LIST:

Qta	Part #	Description
1	FT30256BK	Center Bracket
2	FT85004-U	Dirt Logic Stabilizer
1	FT50232	Spacer
2	FT30148	Tie Rod End Bracket
1	FT739U	Large Center U-Bolt
4	FT740U	Tie Rod End U-Bolt
1	FT30257	Hardware Kit
2	FT221152i	Instruction Sheet
1	FTAS12	Sticker
1	FTREGCARD	Registration Card

HARDWARE LIST:

Qta	Description	Location
8	3/8"-16 C-Locks	Tie Rod End Brkt. U-Bolt
8	3/8" SAE Washer	
2	5/8"-18 C-Locks	
2	5/8" SAE Flat Washer	Center Bracket U-Bolt
2	1/2"-13 X 3 1/2 Hex Cap Bolt	Stabilizer to Center Brk.
2	1/2"-13 C-Locks	
4	1/2" SAE Washer	Stabilizer to Center Brk.
1	1/2"-13 X 2 1/4" Hex Cap Bolt	Stabilizer to End Bracket
1	1/2"-13 x 2 1/2" Hex Cap Bolt	
2	1/2" Split Washer	
1	Thread Locking Compound	

Tool List: (Not Included)

Assorted Metric and S.A.E Sockets & Box Wrenches

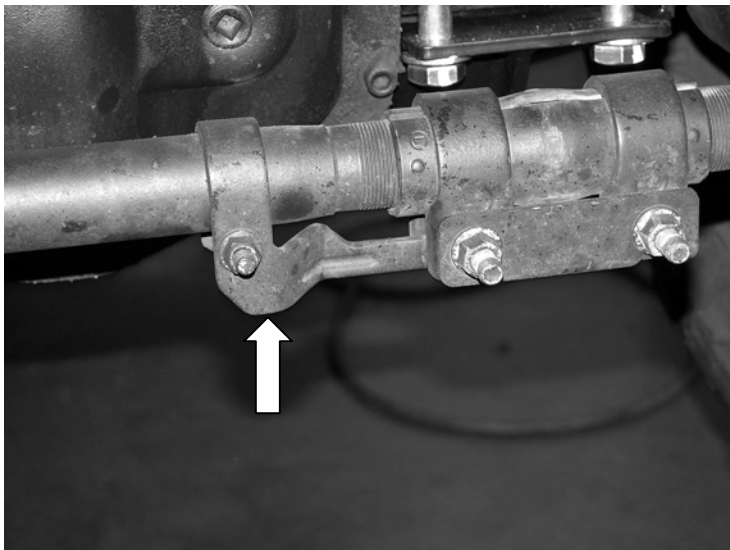
READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION!

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.

THIS KIT REQUIRES THE REMOVAL OF THE FACTORY STABILIZER AND BRACKETRY. DO NOT RUN THE FACTORY STABILIZER WITH THIS SYSTEM.

INSTRUCTIONS:

1. Disconnect the negative battery terminal. Park the truck on level ground and set the emergency brake. Locate and remove any existing stabilizers, brackets, and hardware that are installed on the truck. Do not re-install a stabilizer in the factory position, as it will interfere with the new stabilizers.
2. Locate the steering adjuster at the driver outer tie rod. Loosen the bolts and rotate the adjuster **clamps only** (*moving the adjuster will change the toe setting*) so that the bolts on the adjuster are facing outward. **Note: If equipped, remove and discard the drag link adjuster locking tab (arrow) to provide clearance for the new stabilizer.** SEE PHOTO BELOW



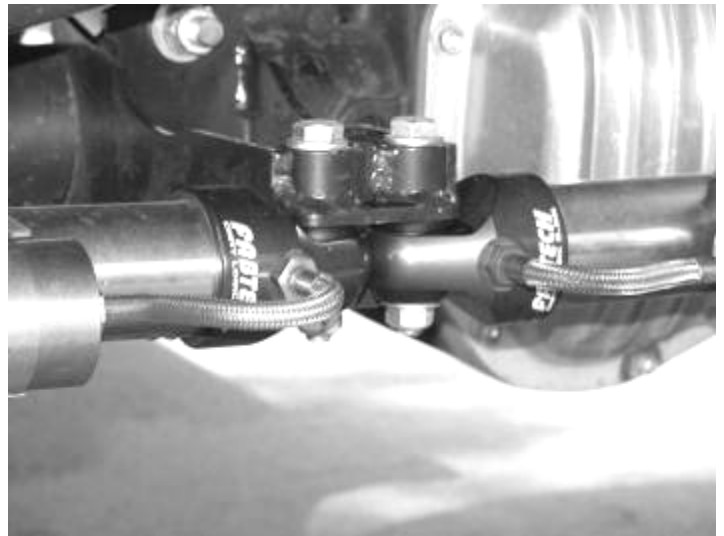
3. Locate FT30256BK axle bracket and place in the center of the axle positioning it straight forward. Using the supplied FT739U U-Bolt and hardware, attach the bracket to the axle. Adjust the bracket so that it is $\frac{3}{4}$ " above the drag link. Torque the hardware to 75 ft. lbs. SEE PHOTO BELOW.



4. Working from the driver side of the truck, locate FT30148 Tie Rod End Bracket and position it on the outer tie rod end. Using the Supplied FT740U U-Bolt and $\frac{3}{8}$ " hardware, attach the bracket to the tie rod end. Leave loose at this time. SEE PHOTO BELOW



5. Locate FT85004-U Steering Stabilizer, supplied shock half bushings and shock sleeves. Press two bushing halves into the Body end of the Stabilizer. Next press a sleeve into the bushings. Attach the stabilizer to the center bracket on the axle with the reservoir line facing forward, using the supplied $\frac{1}{2}$ " x $3\frac{1}{2}$ " hardware. Torque to 75 ft. lbs. SEE PHOTO BELOW.



6. Compress the Steering Stabilizer to expose $4\frac{1}{4}$ " of the shaft, set the tie rod end bracket to match and tighten the u-bolts to 30 ft. lbs. Attach the end of the stabilizer to the tie rod bracket using the supplied misalignment spacers and $\frac{1}{2}$ " x $2\frac{1}{4}$ " hardware. Make sure that the stabilizer is still extended to $4\frac{1}{4}$ ". SEE PHOTO ON NEXT PAGE.



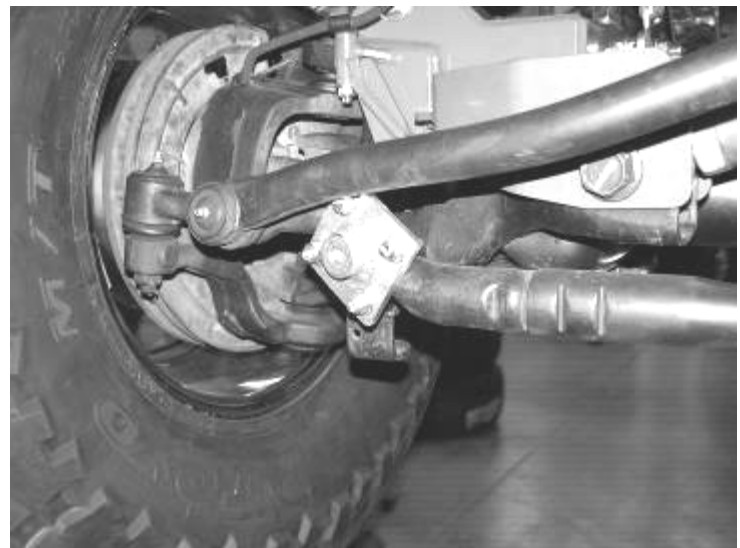
7. Remove the stabilizer from the tie rod end bracket and move forward to access the u-bolts on the tie rod bracket. Use a die grinder with a cut off wheel to cut off the thread remaining above the c-lock nut to provide clearance for the new stabilizer. Reattach the stabilizer to the tie rod bracket and torque to 75 ft. lbs. SEE PHOTOS BELOW & IN NEXT COLUMN.

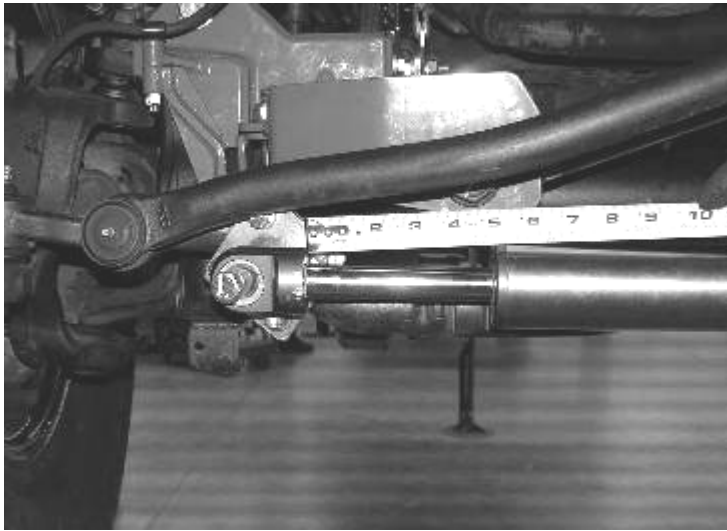


8. Repeat Steps four through seven on the passenger side of the truck. SEE PHOTOS BELOW & ON NEXT PAGE.



photo above shows FT50232 Spacer installed





9. Place the reservoirs in the supplied polyurethane saddles and attach to the stabilizer body with hose clamps. SEE PHOTO IN NEXT COLUMN.



10. Steer the truck fully to the left and right to make sure the steering stabilizers are not bottoming out. Adjust the tie rod end brackets as needed. Check the clearance of the shock stud end to the u-bolts previously cut for proper clearance. Check the steering adjuster for clearance on the stabilizer and front differential cover.

11. Re-torque all the hardware after 200 miles

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.

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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.

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