



INSTALLATION INSTRUCTIONS

FTS221162		2005-17 SD DUAL STEERING STABILIZER
2	FT221162i	INSTRUCTIONS
1	FT30730	AXLE BRACKET
1	FT30311	HARDWARE SUBASSEMBLY
1	FT850032	STEERING STABILIZER (DRIVER)
1	FT850092	STEERING STABILIZER (PASSENGER)

FT30311		HARDWARE SUBASSEMBLY
2	FT30148	TIE ROD BRACKET
1	FT30221BK	STABILIZER BRACKET
1	FT58H	AXLE U-BOLT HARDWARE
1	FT739U	AXLE U-BOLT
4	FT740U	TIE ROD U-BOLT
4	FT1039	BUSHING
2	FT107	SLEEVE
2	FT83090	SPACER
2	FT83463	SPACER
1	FTAS12	STICKER
1	FTLOCK	THREAD LOCKING COMPOUND
1	FTREGCARD	REGISTRATION CARD
8		3/8-16 NYLOCK NUT
8		3/8" SAE WASHER
2		1/2-13 X 2" HEX BOLT
6		1/2" WASHER
2		1/2-13 X 3" HEX BOLT
2		1/2-13 NYLOCK NUT
2		9/16-12 X 1-3/4" HEX BOLT
2		9/16-12 NYLOCK NUT
4		9/16" FLAT WASHER

2005-2017 FORD F-250/F-350/F-450/F-550 Dual Steering Stabilizer Kit

FTS221162

NOTE: TO ORDER WEARABLE REPLACEMENT COMPONENTS DO NOT USE PART NUMBERS SHOWN ON THIS INSTRUCTION SHEET. GO TO FABTECH WEBSITE AND LOOK UP WEARABLE REPLACEMENT PARTS TO FIND THE PROPER PART NUMBER TO ORDER.



- TOOL LIST -

Required Tools (Not Included)

Basic Hand Tools
Floor Jack
Jack Stands
Assorted Metric and S.A.E sockets, and Allen wrenches
Torque Wrench
Die Grinder w/ Cutoff Wheel or Sawzall

- PRE-INSTALLATION NOTES -

READ THIS BEFORE YOU BEGIN INSTALLATION -

Check all parts to the parts list above before beginning installation. If any parts are missing contact Fabtech at 909-597-7800 and a replacement part will be sent to you immediately.

Read all instructions thoroughly from start to finish before beginning the installation. If these instructions are not properly followed severe frame, driveline and / or suspension damage may occur.

Check your local city and state laws prior to the installation of this system for legality. Do not install if not legal in your area.

Prior to the installation of this suspension system perform a front end alignment and record. Do not install this system if the vehicle alignment is not within factory specifications. Check for frame and suspension damage prior to installation.

The installation of this suspension system should be performed by two professional mechanics.

This suspension must be installed with Fabtech shock absorbers.

Use the provided thread locking compound on all hardware.

WARNING- Installation of this system will alter the center of gravity of the vehicle and may increase roll over as compared to stock.

Vehicles that receive oversized tires should check ball joints, uniballs, tie rods ends, pitman arm and idler arm every 2500-5000 miles for wear and replace as needed.

Verify differential fluid is at manufactures recommended level prior to kit installation. Installation of the kit will reposition the differential and the fill plug hole may be in a different position. (For example, if the manufacture recommends 3 quarts of fluid, make sure the diff has 3 quarts of fluid). Check your specific manual for correct amount of fluid.

FOOTNOTES -

- For use with Fabtech suspension systems only
- Will not work with leveling systems

- INSTRUCTIONS -

1. Disconnect the negative battery terminal. Park the truck on level ground and set the emergency brake. Locate and remove any existing stabilizer(s), 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. **NOTE: WHEN INSTALLING ON 2017 MODELS, LEAVE FACTORY STABILIZER INSTALLED.**
2. Locate FT30730 axle bracket and FT30221 stabilizer bracket. Attach the stabilizer bracket to the two front holes on the axle bracket using the supplied 9/16" x 1 3/4" hardware and torque to 55 ft lbs. **SEE FIGURE 1.**
3. Install the new bracket to the axle. The bracket will need to be positioned so the right side covers the lip on the differential. Use the supplied FT739U U-Bolt and hardware to attach the axle bracket to the axle. Leave loose at this time. **SEE FIGURE 1**

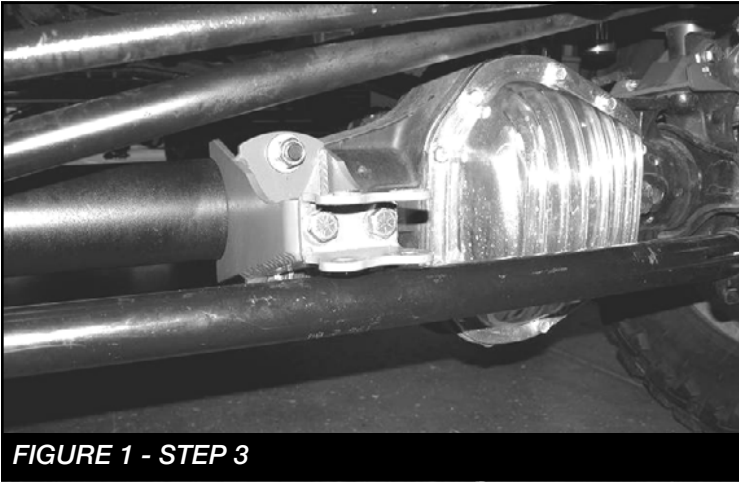


FIGURE 1 - STEP 3

4. **F-250/350 ONLY** Working on the driver side of the truck, locate FT30148 Tie Rod End Bracket and position it 2" from the inside of the outer tie rod end. Use the FT740U U-Bolt and 3/8" hardware to attach the bracket to the tie rod end. Leave loose at this time. **SEE FIGURE 2**

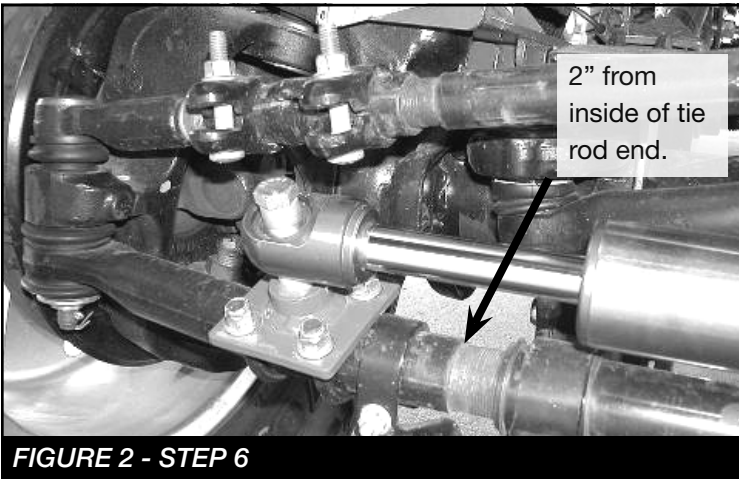


FIGURE 2 - STEP 6

5. **F-450/550 ONLY** Working on the Passenger side of the truck, locate FT30148 Tie Rod End Bracket and position it so the inner ubolt seats in the groove of the factory outer tie rod using the supplied 3/8" hardware. **SEE FIGURE 3.** (Driver side) Install the FT30148 on the driver outer tie rod so the bracket measures 2-1/4" from the end of the factory tie rod. **SEE FIGURE 4** Torque the 3/8" ubolt hardware to 37 ft-lbs.

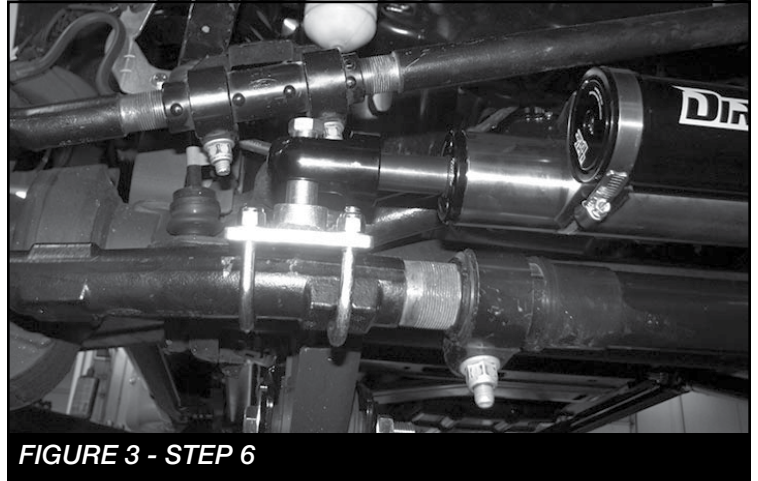


FIGURE 3 - STEP 6

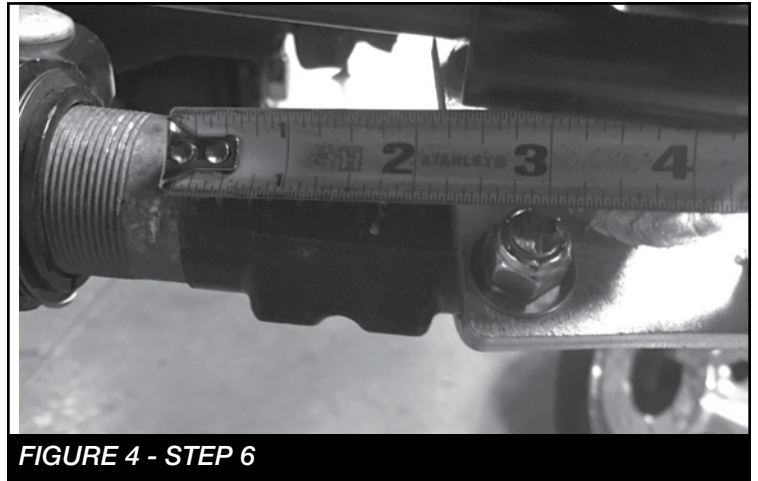


FIGURE 4 - STEP 6

6. Locate FT850032 (Driver) & FT850092 (Pass) Steering Stabilizer, supplied shock half bushings and shock sleeves. Press two bushing halves into the body end of the Stabilizer. Press a sleeve into the bushings. Attach the stabilizer to the bracket on the axle with the reservoir line facing forward using the 1/2" x 3" hardware. Use a small amount of thread locking compound on the bolt and torque to 30 ft. lbs.
7. Attach the end of the stabilizer to the tie rod bracket using the supplied misalignment spacers and hardware. **Note: The larger spacer needs to be installed on the bracket side and the small one on the bolt side.** Use a small amount of thread locking compound on the nuts and torque to 35 ft. lbs.

8. Repeat Steps four through six on the passenger side of the truck.
9. Torque the axle bracket u-bolt to 80 ft lbs.
10. Use a die grinder with a cut off wheel to cut off the thread remaining on the axle bracket u-bolt flush with the c-nut.
11. Place the reservoirs in the supplied polyurethane saddle sand attach to the stabilizer body with hose clamps. **SEE FIGURE 5-6**



FIGURE 5 - STEP 11



FIGURE 6 - STEP 11

12. Steer the truck fully to the left and right to make sure the steering stabilizers are not bottoming out. Adjust the tie rod end bracket(s) as needed.
13. Re-torque all the hardware after 200 miles.
14. Install Driver Warning Decal. Complete product registration card and mail to Fabtech in order to receive future safety and technical bulletins on this suspension.

Vehicles that will receive oversized tires should check ball joints, uniballs and all steering components every 2500-5000 miles for wear and replace as required.

RE-TORQUE ALL NUTS, BOLTS AND LUGS AFTER 50 MILES AND PERIODICALLY THEREAFTER.