



FTS21044
Dual Steering Stabilizer System
2007 GM 1500 4x4 Truck & SUV

PARTS LIST:

Qty	Part #	Description
2	FT8025	Stabilizer
1	FT20311BK	Center Bracket
1	FT20354	Out Tie Rod Bracket (Drv.)
1	FT20355	Out Tie Rod Bracket (Pass.)
4	50132751081	1/2"-13 x 2 3/4" Hex Cap Bolt
4	50130004152	1/2-13 C-Lock Nut
8	50000005081	1/2" SAE Flat Washer
4	FTS31UBK	U-Bolt Kit
1	FTLOCK	Thread-Locking Compound
2	FT21044i	Instruction Sheet

Tool List: (Not Included)

- Assorted Metric and S.A.E Sockets & Box Wrenches
- Measuring Tape
- Paint Pen or Marker

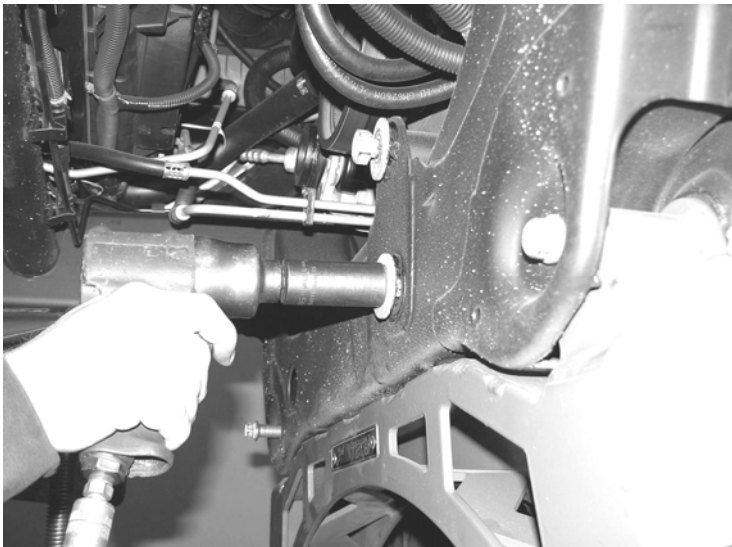
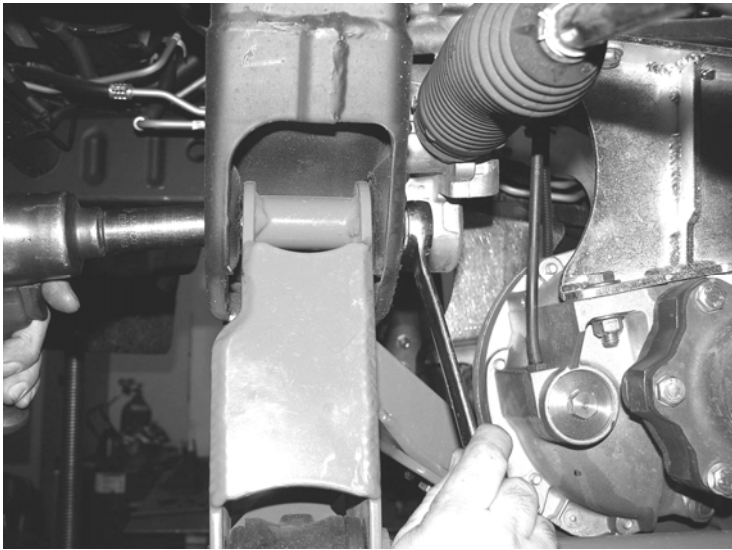
READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION!

CHECK ALL PARTS INCLUDED IN THIS KIT TO THE PARTS LIST ABOVE BEFORE BEGINNING INSTALLATION OF THIS KIT.

CHECK ALIGNMENT AFTER INSTALLATION. ALIGN TO FACTORY SPECS IF NEEDED

INSTRUCTIONS:

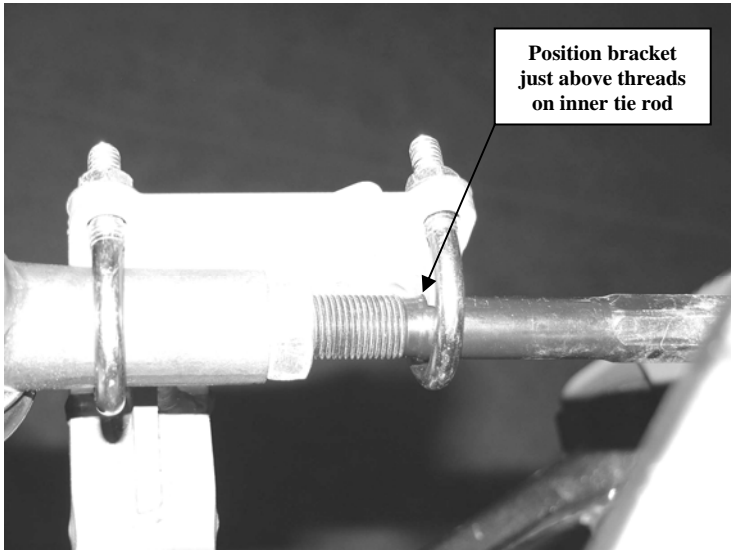
1. Disconnect the negative terminal on the battery. Park the truck on level ground and set the emergency brake. Jack up the front end of the truck and support the frame at the front frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE.** Remove the front tires.
2. Remove and save the two factory lower control arm pivot bolts nuts that attach the Fabtech crossmembers to the vehicles frame (**DO REMOVE THE PIVOT BOLTS FROM THE FRAME**). Use a paint pen and mark the rack to the frame on the truck. The rack must go back to the stock position. Loosen (**DO NOT REMOVE AT THIS POINT**) the two bolts that attach the rack and pinion to the frame. SEE PHOTOS BELOW



3. Locate FT20311 Center Bracket and place the bracket on the frame and position them onto the factory pivot bolts. Attach with the factory nut (**do not re-use the factory washer**). Apply the supplied thread-locking compound and Torque to 107 lbs. Remove the top rack and pinion bolt and apply the thread-locking compound and torque to 136 lbs. Next remove the bottom rack bolt and apply thread-locking compound and torque to 136 lbs SEE PHOTOS IN NEXT COLUMN.



4. Working from the driver's side, locate FT20354 Tie Rod Bracket and two of the supplied FTS31 U-Bolt kits. Rotate the tie rod end so that it is flat and level across the top at the steering knuckle. Place the bracket onto the tie rod and position it so that the bracket is on the front of the tie rod and perpendicular to the top of the tie rod end. The bracket needs to mount on the tie rod where the inner mount is just above the threaded end of the tie rod. Install the U-Bolt kit on the bracket and evenly tighten and torque the U-Bolt nuts to 15 ft. lbs. SEE PHOTO ON NEXT PAGE.



5. Locate the supplied FT8025 Steering Stabilizer and supplied shock sleeves. Press one sleeve into each stabilizer. Use the supplied 1/2" x 2 3/4" bolts and hardware and attach the shaft end of the stabilizer to the tie rod bracket (**the 1/2" bolt must be installed as shown in photo below and next column, failure to do so will cause the bolt hit the coilover / coilover spacer**). Then attach the body end of the stabilizer to the center frame bracket. Torque the bolts to 75 ft. lbs. SEE PHOTOS BELOW.

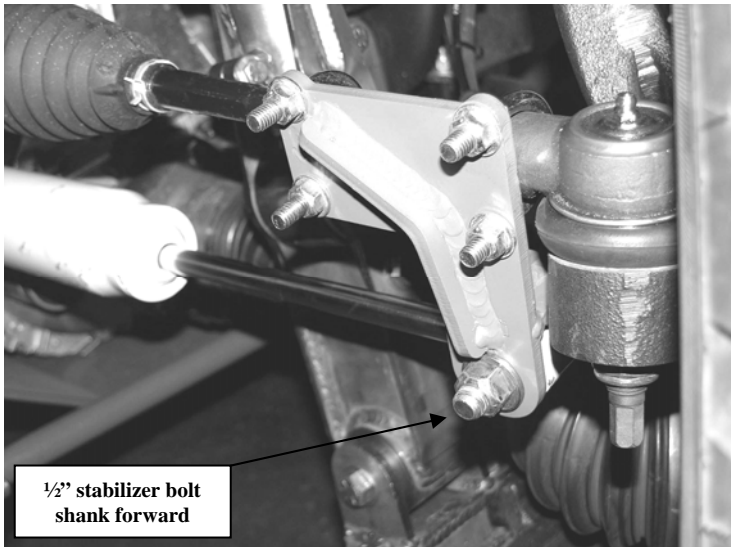


Photo of driver outer tie rod end bracket

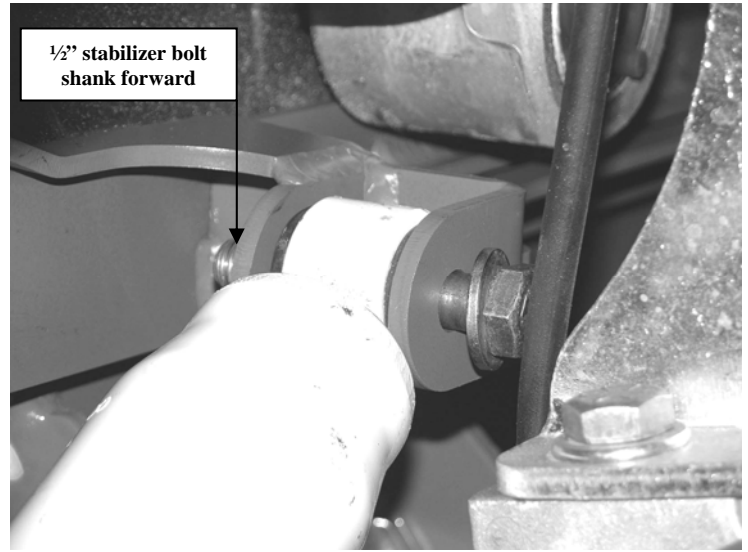


Photo of driver inner stabilizer bracket

6. Repeat step four and five on the passenger side
7. Put the front tires back onto the truck and fully torque the lugs. Factory lug nut torque specification can be found in your owner's manual.
8. 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 as needed. Check the clearance of the stabilizers and tie rod brackets for proper clearance. Check the toe on the front alignment. Align to factory specs if alignment is required. **NOTE: If the rack is not repositioned back to the exact position it was removed, the steering wheel will not be centered and the toe setting may be out of spec.**
9. Re-torque all the hardware after 200 miles.