



## Steering Control

### INSTALLATION INSTRUCTIONS

For

**F-53K2.5**

Parts Needed:

**41-230**

**F-53K2.5**

**SAFE T PLUS Unit (Blue)**

**Mounting Hardware Kit consists of:**

55-102-6 Anchor Bracket

55-206 Tie Rod Bracket

12-38-1625K 3/8 X 1-5/8" U-Bolt Kit

14-400 (2) 1/2-13 Hex Nut

10-4-300-13 (2) 1/2-13 X 3 Bolt

**NOTE:** **THE ORIGINAL FACTORY DAMPNER AND ANCHOR BRACKET MUST BE REMOVED PRIOR TO INSTALLING SAFE T PLUS. DO NOT INSTALL SAFE T PLUS ANCHOR BRACKET TO PASSENGER SIDE.**

**NOTE:** If there is more than six inches of travel in either direction you must replace the original equipment stops on the steering arms with the 1/2 inch bolts and nuts provided. Adjust the tie rod travel to a maximum of six inches in each direction.

- Step 1. Set front wheels of vehicle to a straight-ahead position. **This is important.** Later adjustment of the Tie Rod Bracket may be avoided if front wheels are set perfectly straight.
- Step 2. Remove nuts from axle spring rear U-bolt on DRIVER'S side, install anchor bracket 55-102-6, replace and tighten nuts securely to **225-250 foot pounds** of Torque. (Be sure to check vehicle manufacturers specifications)
- Step 3. Install Tie Rod Bracket on tie rod with U-Bolts provided. Do not tighten at this time.
- Step 4. a) Install large end of SAFE T PLUS Unit to bottom of Anchor Bracket with 3/4" bolt, nut and washer provided. (See sketch)
- b) Install small end of SAFE T PLUS unit to top of Tie Rod Bracket with bolt, nut, & washer provided. Allow enough slack so the tie rod bracket can rotate for alignment to the tie rod. Do not fully tighten at this time. (See sketch)
- Step 5. a) Tighten the unit bolt on Anchor Bracket to **120-130 foot pounds** of torque.

b) Tighten the U-Bolts on the Tie Rod Bracket to **20 foot pounds** of torque.

c) Finally, tighten the unit bolt on the Tie Rod Bracket to **120-130 foot pounds** of torque.

**NOTE:** IT IS IMPORTANT THAT ANCHOR BRACKET IS MOUNTED ON DRIVER'S SIDE OF VEHICLE AND THAT STEP #5 BE FOLLOWED IN THE ORDER AS LISTED IN THESE INSTRUCTIONS FOR PROPER INSTALLATION TO BE ACHIEVED.

Step 6. Check to be sure installed unit clears all other parts of vehicle by turning steering wheel to both extreme right and left positions. If unit scrapes or binds at any point, review these instructions and make necessary corrections by rotating unit on Tie Rod to obtain necessary clearance.

Step 7. **ROAD TEST & ADJUSTMENT PROCEDURES:** See attached documents.

After your first road trip with Safe T Plus Steering Control installed, please let us know how Safe T Plus performed. We enjoy hearing from our clients. You may contact us at [support@safe-t-plus.com](mailto:support@safe-t-plus.com) or (800) 872-7233.

