



## Steering Control

### INSTALLATION INSTRUCTIONS F-143K2

#### Parts Needed:

**41-230**

**F-143K2**

**SAFE T PLUS Unit (Blue)**

**Mounting Hardware Kit consists of:**

55-143-6      Anchor Bracket

55-206      Tie Rod Bracket

12-38-1500K      3/8" X 1-1/2" U-Bolt Kit

10-8-300-10      3/4-16 X 3" Bolt (1)

14-800-10      3/4-16 Stover Lock Nut Plated (2)

16-200      3/4 X 1 1/2" Spacer for Tank Clearance

10-8-500-10      3/4-10 X 5" Bolt for Tank Installs

- 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 bolts and nuts from passenger side or right side of shock mount bar, install Anchor Bracket, **replace bolts and nuts** with bolts and nuts enclosed: (**NOTE: THESE ARE THE 3 1/2" BOLTS THAT COME IN THE BLUE BOX WITH THE SAFE T PLUS UNIT**); use existing flat washers and tighten nuts securely. SAFE T PLUS unit is to be attached to inside of Anchor Bracket with 3/4"-16 X 4 1/2" bolt and spacer (if needed), nut and washer provided. (See illustration)
- Step 3. Install Tie Rod Bracket on tie rod with U-Bolts provided.
- Step 4. 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.

**WARNING:** Over tightening of Tie Rod Bracket flanged lock nuts can cause improper fit and potential failure of U-bolts. If you exceed 20 foot pounds of torque on Tie Rod bracket flanged lock nuts, tie rod bracket will bend causing U-bolts to flare out. **STOP THE INSTALLATION IMMEDIATELY AND CALL SAFE T PLUS** to order a new Tie Rod bracket and U-bolts. Driving with a bent Tie Rod Bracket and U-bolts can cause a serious driving accident and damage your vehicle steering assembly components.

A rubber mallet is required to gently tap U-bolts into place in this step. If U-bolts do not require gentle tapping into place, contact Safe T Plus Customer Service at (770) 322-8727 or [support@safe-t-plus.com](mailto:support@safe-t-plus.com) to ensure that you have the correct part. Proper fitting U-bolts

are a safety requirement.

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

**NOTE:** It is important that the unit be mounted on the inside of the Anchor Bracket and that step #4 be followed in the order as listed in these instructions for proper installation to be achieved.

Step 5. 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.

**NOTE:** **IMPORTANT: AIR BAG DEFLATION TEST: MUST PERFORM**  
Once Safe T Plus Steering Control is installed properly, an Air Bag Deflation test is necessary. First, make sure everyone and everything is clear underneath your motorhome before deflating the air bags. Next, while parked, deflate your motorhome's air bags. Then verify the fuel tank is not and does not make contact with Safe T Plus. It will be tight, but should not make any contact. If the fuel tank does contact Safe T Plus, verify that the spacer component provided in your mounting hardware kit is installed. If contact still occurs with the provided spacer installed, please contact Safe T Plus Customer Service at (770) 322-8727 for further assistance. Failure to test the Airbag Deflation test could result in damage to your Safe T Plus and/or fuel tank.

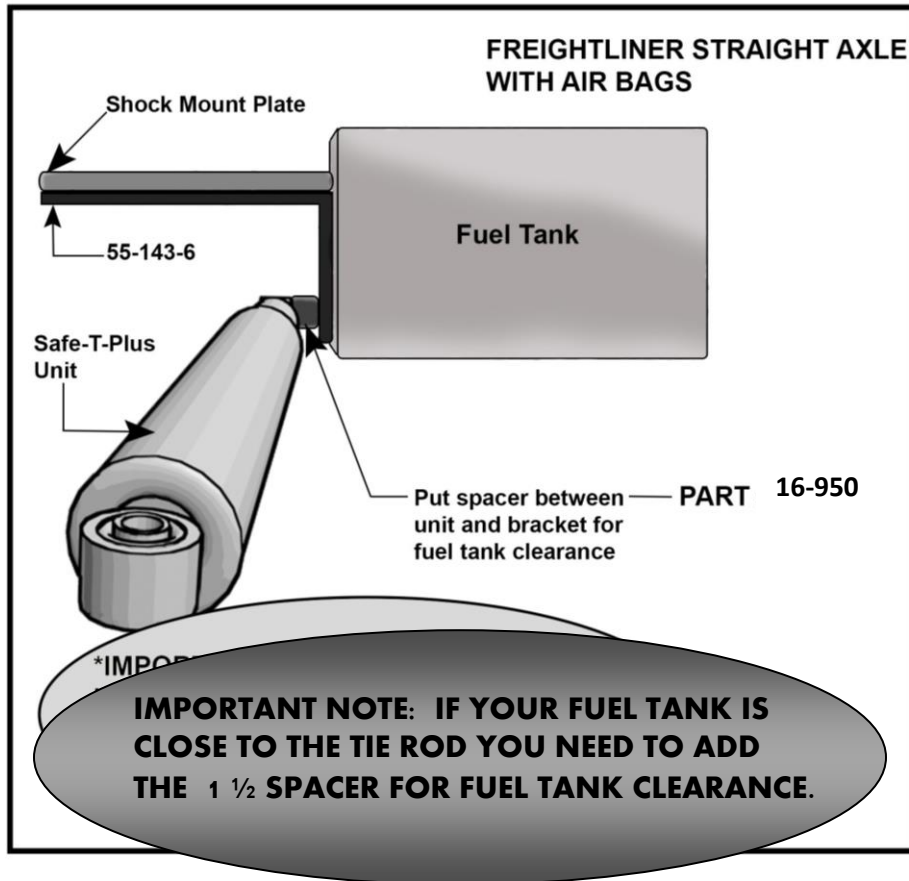
Step 6. **ROAD TEST & ADJUSTMENT PROCEDURES** - See attached documents.  
After your first road trip with Safe T Plus Steering Control installed, please let us know how Safe T Plus performed. We enjoy hearing from our clients. You may contact us at [support@safe-t-plus.com](mailto:support@safe-t-plus.com) or (770) 322-8727.

### **Important Safety Information.**

Safe T Plus only permits the use and installation of genuine and original Factory Provided/Supplied parts and accessories. **Safe T Plus DOES NOT ALLOW** any replacement, substitute, homemade, or alternative parts or accessories to be used with any products for your safety and to ensure the proper functionality of your Safe T Plus Steering Control. **Safe T Plus DOES NOT ALLOW** any of its factory provided parts to be altered, modified, and changed under any circumstances. Failure to use genuine Safe T Plus parts could result in product failure, breakage, potential accident, which will immediately void your warranty and any liability of Safe T Plus. Your Safety is Our First Priority. If you need any replacement parts, they may be ordered through Safe T Plus distributors, dealers, and the factory depending on your point of purchase. If you need help locating replacement

parts, please contact us direct, we would be happy to help.

## Safe T Plus Fuel Tank Illustration



## Safe T Plus Installation Diagram

