



Steering Control

INSTALLATION INSTRUCTIONS F-XCMK2.5

Parts Needed:

41-230	SAFE T PLUS Unit (Blue)
F-XCMK2.5	Mounting Hardware Kit consists of:
55-22XCM-6	Anchor Bracket
55-216	Tie Rod Bracket
12-38-1625K	3/8" X 1-5/8" U-Bolt Kit
10-8-250-10	3/4-10 X 2 1/2" Bolt (2)
14-800-10	3/4-10 Stover Lock Nut Plated (2)
15-850	3/4 Flat Zinc Washer (2)

- 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. Below photos show pictures of this installation. Please be sure to install in the orientation shown in these pictures.
- Step 2. Attach the frame bracket by removing the factory frame bolts towards the passenger's side, see pic for reference. Replace factory bolts with the 3/4 x 2.5 bolts supplied in the kit. Torque these bolts to attach the frame bracket to 260-280 ft-lbs.
- Step 3. Install Tie Rod Bracket on tie rod towards the driver's side with U-Bolts provided. If there is an electrical box in the way of mounting the Safe T Plus from the anchor bracket to the tie rod bracket, simply unbolt it and relocate it to the front side of the plate it is mounted to instead of the back, existing holes are already in place ready to go.
- 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.
Be sure not to over tighten the u bolts.

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 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 top side 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 the installed unit clears all other parts of vehicle by turning steering wheel to both extreme right and left positions. If the 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 tie rod is not and does not make contact with Safe T Plus anchor bracket. It will be tight but should not make any contact. If the tie rod does contact Safe T Plus, verify all components are installed correctly. 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 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.

Rev 12-2024

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.















