



INSTALLATION INSTRUCTIONS

For
JD-800K1

Parts Needed:

41-140	SAFE T PLUS (Red) unit (Dodge & Road master)
41-230	SAFE T PLUS (Blue) unit (Oshkosh, Spartan, Freightliner)
JD-800K1	Mounting Hardware Kit consists of:
55-126-5	Anchor Bracket
55-206	Tie Rod Bracket
12-38-1250K	3/8 X 1-1/4" U-Bolt Kit

Thoroughly clean the section to tie rod before attaching bracket.

Anchor Bracket 55-126-5. Remove nuts from front axle spring rear U-Bolt.

Install bracket. Replace and tighten nuts securely. **Bracket must clear below tie rod by at least 1/4".**

Tie Rod Bracket 55-206. Using U-Bolt and nuts provided, install Tie Rod Bracket on opposite end of tie rod on bottom with two (2) 3/4" mounting holes extending from the side of the tie rod to which unit will be mounted. Leave bracket slightly loose on the tie rod for final positioning later.

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.
2. After selecting best installation position, install Anchor Bracket end of unit first. Align holes and insert one of the 3/4" bolts provided, using a flat washer on the opposite side of the unit mounting eye from bracket.
3. Install 3/4" locknut to mounting bolt and tighten with a wrench to **80-90 foot pounds** of torque.
4. Attach the unit to tie rod by sliding Tie Rod Bracket to align the nearest 3/4" hole in bracket with unit mounting eye. Insert 3/4" bolt provided through aligned holes. Using a flat washer on opposite side of unit mounting eye from bracket, fasten locknut and tighten with a wrench enough to allow the unit eyelet to easily rotate around mounting hole.

5. Rotate Tie Rod Bracket around tie rod so that the small diameter end of the SAFE T PLUS unit is approximately 1/2" lower than the large end of the unit. When positioned, tighten the four (4) U-Bolt nuts to **25-35 foot pounds** of torque while maintaining an even amount of threads extending past each nut.
6. Tighten 3/4" locknut to **80-90 foot pounds** of torque.
7. Check to be sure installed unit clears all other parts of vehicle by turning steering wheel to both extremes right and left positions. If unit scrapes or binds at any point, review these instructions and make necessary corrections by rotating unit on the tie rod to obtain necessary clearance.
8. **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 (800) 872-7233.

