



**INSTALLATION INSTRUCTIONS
FOR
DODGE M300-M600 (w/ 1-1/4" TIE ROD)
AND
JOHN DEERE W/ FORD 460 ENGINES
AND
FREIGHTLINER XC DIESEL PULLER W/ LEAFSPRINGS STRAIGHT AXLE (W/ 1-1/4" TIE ROD)
AND
OSHKOSH K-LINE, X-LINE 1995 & PRIOR
OSHKOSH M-LINE (JOHN DEERE) GAS-EXCEPT 6300 FRONT AXLE
AND
ROADMASTER (OLDER CLASS A) STRAIGHT AXLE LEAFSPRINGS 1-1/4' TIE ROD
AND
SPARTAN K-LINE**

PARTS NEEDED

41-140	SAFE-T-PLUS (Red) unit (Dodge & Roadmaster)
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

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 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.**

Thoroughly clean the section to tie rod before attaching bracket.

- 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. 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.
- Step 3. Install 3/4" locknut to mounting bolt and tighten with a wrench to 80-90 foot pounds of torque.
- Step 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.
- Step 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 20 foot pounds of torque while maintaining an even amount of threads extending past each nut.

Step 6. Tighten 3/4" locknut to 80-90 foot pounds of torque.

Step 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.

7. Step 8. **ROAD TEST & ADJUSTMENT PROCEDURES** – Step-by-Step instructions are provided herewith separately.

If you need additional technical assistance, please call our technical support team us toll-free at (800) 872-7233 or email us at support@safe-t-plus.com.

