



**INSTALLATION INSTRUCTIONS  
FOR  
DODGE MAXIVAN 3500 SERIES 1997 - 2004**

PARTS NEEDED:

Rev. 10-2012

<b>31-140</b>	<b>SAFE-T-PLUS unit (Silver)</b>
<b>D-343K13</b>	<b>Mounting Hardware Kit</b> consists of:
25-343	Anchor Bracket
25-405	Tie Rod Bracket
12-516-1125K	5/16 X 1-1/8" U-Bolt Kit
10-5-400	9/16 X 4" Bolt (1)
14-500	9/16 Self locking nut

Thoroughly clean the section of 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. Anchor Bracket 25-343 mounts on the left side (driver's side) of the vehicle to the idler arm. Remove nut and bolt from idler arm. Replace bolt and nut with ones provided and install Anchor bracket. Tighten nut back at this time.

Step 3. Install Large end of the SAFE-T-PLUS unit to Anchor Bracket and the small end of the SAFE-T-PLUS unit to the Tie Rod Bracket using rubber-bushing kit provided.

**NOTE:**      **All grommets are to be tightened until they bulge over the edge of the steel caps or until they are approximately 1/4" thick.**

Step 4. Install Tie Rod Bracket 25-405 using U-Bolts kit provided, install the Tie Rod Bracket on steering drag link. 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 unit.

**When positioned, tighten the four (4) U-Bolt nuts to 20-25 foot pounds of torque while maintaining an even amount of threads extending past each nut.**

Step 5. 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.

Step 6. **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](mailto:support@safe-t-plus.com).

Temporary D-343 Dodge Sketch-Up (forgive our temporary illustration as final illustration should be completed soon)

