

**INSTALLATION INSTRUCTIONS  
FOR  
CHEVROLET SUBURBAN AND PICKUPS  
4 X 4 1992 & UP**

PARTS NEEDED:

3-18-02

**31-120**      **SAFE-T-PLUS** unit (White)  
**C-340K13**      **Mounting Hardware Kit** consists of:  
25-340      Anchor Bracket  
25-401      Tie Rod Bracket  
12-516-1125K 5/16 X 1-1/8" U-Bolt Kit

Anchor Bracket 25-340 mounts on right side of vehicle with the existing bolt form lower control arm, beneath skid plate.

Tie Rod Bracket 25-401 mounts on tie rod on opposite side using U-Bolts provided. Tie Rod Bracket is mounted in reverse position (U-Bolts toward SAFE-T-PLUS (see sketch)).

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. Remove lower bolts from skid plate and swing forward.

Step 3. Remove four- (4) bolts and bottom skid plate.

Step 4. Remove OEM dampner.

Step 5. Bend OEM mounting brackets apart, top up, bottom down.

Step 6. Remove nut and washer from lower control arm on right side, leaving the bolt in place.

Step 7. Bend the tab on right rear; lower part of crossmember down slightly for clearance of Anchor Bracket.

Step 8. Install Anchor Bracket with the SAFE-T-PLUS mounting hole to the outside, reinstall washer and nut.

**THIS NUT MUST BE TIGHT.**

Step 9. Install large end of SAFE-T-PLUS unit to Anchor Bracket with 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 10. Install Tie Rod Bracket **IN REVERSE POSITION** (see sketch). **DO NOT TIGHTEN AT THIS TIME.**

Step 11. Install small end of SAFE-T-PLUS unit to Tie Rod Bracket with rubber bushing kit provided.

Step 12. 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 13. 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 14. ROAD TEST & ADJUSTMENT PROCEDURES: To ensure proper alignment and installation of the SAFE-T-PLUS unit, the vehicle should be road tested. Take along a socket wrench to fit the U-bolts on the tie rod. While driving on a straight stretch of road, vehicle should easily follow a straight course, if not, adjustment is necessary. To adjust, hold steering wheel in a straightforward position, stop vehicle, and set brakes. Loosen nuts on tie rod U-bolts and allow unit to self-center. (Frequently this movement is not noticeable). Retighten nuts and test drive again. Repeat this step if necessary until vehicle will hold a straight line. Note: Continue to hold the steering wheel in a straightforward position until the adjustment has been completed. Otherwise the wheels will return to the pulling position instead of the straight-ahead position desired. If you need additional assistance, please call us toll-free at (800) 872-7233.

Step 15. Re-install skid plate.