

**INSTALLATION INSTRUCTIONS
FOR
ISUZU SAFARI TREK & NPR**

PARTS NEEDED:

2/25/13 IB

31-140	SAFE-T-PLUS unit (Silver)
I-324K14	Mounting Hardware Kit consists of:
	25-324 Anchor Bracket
	25-407 Tie Rod Bracket
	12-516-1250K 5/16 X 1-1/4" U-Bolt Kit

Anchor bracket 25-324 mounts under axle w/spring U-Bolt nuts.

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 nuts from spring U-Bolts on **driver's side** of axle.

Step 3. Install Anchor Bracket under axle w/spring U-Bolt nuts and tighten. (See sketch).

Step 4. Place steel retainer cap and rubber grommet on threaded rod on **smaller diameter end** of SAFE-T-PLUS unit and insert through mounting hole in Tie Rod Bracket, with shoulder of grommet towards bracket. Install remaining grommet with shoulder of grommet toward bracket, steel cap and nut, tighten (see note). Install locking PAL nut (**flat side against nut**), tighten. (See sketch). Tie Rod Bracket will be fastened to tie rod later.

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 5. Insert **large diameter end** of SAFE-T-PLUS unit through mounting hole in the Anchor Bracket. Follow same procedure as described in Step 4 above, for grommet installation.

Thoroughly clean the section to tie rod before attaching bracket.

Step 6. Using U-Bolts and nuts provided, attach Tie Rod Bracket to the tie rod. When positioned, tighten the four- (4) U-Bolt nuts to 20-25 foot lbs 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.

Step 8. 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 straight forward 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.

