

**INSTALLATION INSTRUCTIONS FOR
2002 DYNAMAX COUNTRY COACH
MAGNA & AFFINITY
WITH DANA KIRKSTALL I.F.S.**

PARTS NEEDED:

05/21/02

RGS

41-230	SAFE-T-PLUS unit (Blue)
C-180K3.5	Mounting Hardware Kit consists of:
55-180-A	1 Anchor Bracket
55-180-B	1 Anchor Bracket
55-208	1 Tie Rod Bracket
12-38-1875K	1 3/8 X 1-7/8 U-Bolt Kit
10-3-300	4 7/16-14 X 3 Bolt
10-8-400	1 3/4-16 X 4 Bolt
14-325	4 7/16-14 Lock Nut
15-250	8 7/16 Flat Washer
15-850	1 3/4 Flat Washer
16-900	1 1-1/4 X 3/4 X 3/4 Spacer

NOTE: The SAFE-T-PLUS unit mounts on the drag link between the steering gear box and the idler arm located on the Driver Side. The large diameter of the SAFE-T-PLUS unit must be attached to the Anchor Bracket in order to maintain necessary clearances.

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. Attach the 55-180-A and 55-180-B Anchor Brackets to the front most generator support beam as shown using the bolts provided. Attach the 3/4 X 1-1/4 X 1/4 spacer between bracket and Large end of the SAFE-T-PLUS using the unit bolt provided.

Step 3. Install the Tie Rod Bracket, to the drag link that runs from the gearbox to the idler arm as shown, using the U-Bolts provided. **Do not substitute these U-Bolts.**

Step 4. Attach the small end of the SAFE-T-PLUS to the Tie Rod Bracket using the 3/4-16 unit bolt, washer and nut provided.

Step 5. A) Tighten the unit bolt on Anchor Bracket to 80-90 foot pounds of torque.

b) Tighten the U-Bolts on the Tie Rod Bracket to 25-35 foot pounds of torque.

c) Finally, tighten the unit bolts on the Tie Rod Bracket to 80-90 foot pounds of torque.

NOTE: IT IS IMPORTANT THAT ASSEMBLY IS DONE IN THE ORDER LISTED TO ASSURE PROPER INSTALLATION AND ALIGNMENT

Step 6. 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 drag link to obtain necessary clearance.

Step 7. 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 drag link. 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 drag link 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.

