

## CARTER SERVICE BULLETIN

### GTR STEERING IMPROVEMENT

On some of our GTR units the steering is not sufficient. The steering system turns more to the right than to the left. In order to fix this situation, we must shorten the steering stop tubing by ½” and set the steering system correctly.

1. Shorten the steering stop.
  - a. Remove the passenger side rubber boot, ball joint end, and steering stop tubing.
  - b. Cut off ½” on one end of the steering stop tubing and reassemble.

Rubber boot                      Ball joint end                      Steering Stop Tubing



2. Setting the steering system.
  - a. The steering wheel must be set upright when the rack and pinion is centered.
  - b. The rack and pinion is centered when it has the same amount of travel to both the right and left side.
  - c. In order to check this:
    - a. Center the steering wheel.



- b. Turn the wheel to the left and to the right.

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- c. The steering wheel must lock in both directions the same position as shown.
- d. If the steering wheel does not lock the same as the picture above you must remove the steering wheel from the steering U-joint, rotate the wheel the appropriate direction and then reinsert the steering wheel into the steering U-joint.
- d. Now you must set the tires to point straight and parallel with each other.



- e. Now you must check to see if each tire turns the same
  - a. Do this by turning the tires to the left and to the right and checking how close each inside tire comes to the frame.

