



## Installation Instructions for SS100

### FREIGHTLINER XC CHASSIS MAGNUM CHASSIS (with 2 piece drag link)

**CAUTION:** Proper service and repair procedures are essential for safe and reliable installation of chassis parts. They require experience and tools that may be specially designed for the purpose. These parts must be installed by a qualified mechanic. Otherwise, an unsafe vehicle and/or personal injury may occur.

- \* It is not necessary to raise the coach for the installation of the SuperSteer® Bell Crank on the listed chassis. However, the coach must be chocked to prevent any movement (the steering wheel position may change).
- \* No alignment is needed after installation.

1. Remove cotter pin and nut holding the arm to OEM bell crank, and discard.
2. Remove the bell crank arm from the bell crank using a tie-rod/ball joint separator or similar tool. The linkage will now be flexible enough to move out of the way, but avoid turning the steering wheel or excessively moving the steering linkage.
3. Remove the 3 OEM Bell Crank mounting bolts, and discard the bolts and hardware.
4. Install the SuperSteer® Bell Crank in reverse order utilizing the supplied mounting hardware.
5. Torque the SuperSteer® Bell Crank mounting bolts to 95 ft. lbs.
6. Reinstall the bell crank arm to SuperSteer® Bell Crank. Tighten nut to 150-225 ft. lbs. and install a new cotter pin. DO NOT LOOSEN this nut to insert the cotter pin. Continue tightening until the next slot aligns for cotter pin insertion.

- \* **Freightliner chassis must use the inner hole**
- \* **Magnum Chassis must use the outer hole.**

After installation, check for steering wheel center. Adjustment for the steering wheel center is done at the adjustment sleeve, between the steering gear box and the bell crank arm.

**Your comments are greatly appreciated. Please feel free to contact SuperSteer® at 888-898-3281 or e-mail at [john@supersteerparts.com](mailto:john@supersteerparts.com)**



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