



Installation Instructions

SuperSteer® Bell Crank

Part # 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.

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