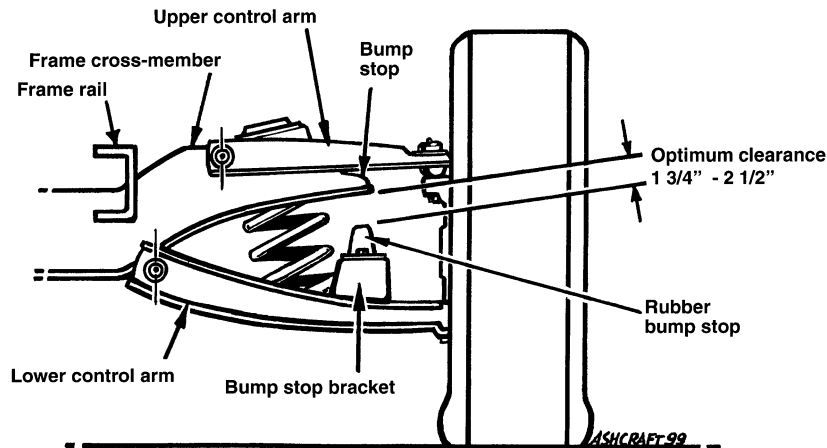




Coil Springs Installation Instructions

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.



URGENT!

Before installing SuperSteer[®] Coil Springs, the front axle of the coach must be weighed to insure the correct matched set has been selected for your optimum clearance (ride height)! Refer to the above diagram.

Coil Spring Part #	Front Axle Weight +/- 100 (lbs.)
SS250	Up to 4300
SS255	4,400 to 4,900
SS260	5,000 to 5,300
SS265	5,400 to 5,900
SS268	6,000 and up

- ◆ Failure to do this will cause improper ride height and will void warranty of coil springs!
- ◆ Rusted pockets in lower control arm may crack due to fatigue. SuperSteer does not warranty lower control arms that crack or fail.
- ◆ Inspect rubber bumper stop for height or fatigue, if these are not in place this will cause coil crash, SuperSteer will not warranty coils spring due to improper rubber bumper height.

SuperSteer[®] Coil Springs eliminate the OEM air bags.

The problem with most after market springs is that they do not take into account the wide range of weight that may be on the front axle of a coach, (anywhere from 4,000 to 6,000 lbs). This requires building a spring to match the actual weight on the front axle.

The gross vehicle weight rating has nothing to do with the actual axle weight! This rating determines the maximum load rating of the axle only!

RECOMMENDED TOOLS:

10 Ton Floor Jack
2 ½ Ton Floor Jack
(2) 10- Ton Jack Stands
½" Impact Wrench
3/8" Impact Wrench
6" Impact Extension
½" Impact U-Joint Socket
Mini Sledge Hammer
Impact Sockets: 9/16"; 3/4"; 1 1/8"; 1"
Wrenches: 9/16"; 3/4"
Side Cutters
Anti-Seize Lubricant

Note: Chock rear wheels securely before performing any work.

1. Raise motorhome and support securely with jack stands. Remove front wheels from motorhome.
2. Remove cotter pin and disconnect tie-rod from spindle.
3. Remove cotter pin from ball joint and loosen nut but do not remove. Separate taper.
4. (From the front of the vehicle) Place 2-½ ton floor jack under lower control arm, close to the ball joint, but not directly on the ball joint.
5. Jack up lower control arm slightly to apply tension to the spring. Remove shock bolt and sway bar mount from lower control arm.
6. Remove nut on lower ball joint. Slowly lower the lower control arm to fully release the spring tension.
7. Swing the spindle out of the way to adequately access the coil spring and remove.
8. Clean upper and lower spring pockets and apply anti-seize lubricant liberally to the spring pockets and ends of new SuperSteer[®] Coil Springs to prevent noise.
9. Place the spring in the lower control arm pocket; spin spring so it locks into the top pocket. Slowly jack up lower control arm making sure spring stays placed in lower pocket. If necessary, tap spring into place.
10. Replace spindle onto the lower ball joint. Replace lower ball joint nut and cotter pin. (*Torque to factory specs.*) Replace sway bar mount, tie rod end, cotter pin and lower shock bolt (assembly).
11. Replace wheels and hub caps. (*Torque to factory specs.*) Lower vehicle and test-drive. Measure ride height after test drive. (*1 3/4"-2 1/2"*).
12. Repeat these procedures for the opposite side.
13. Alignment must be rechecked after installation to SuperSteer[®] Specifications.
14. Complete and mail in your warranty registration.

Alignment Specifications

Use the listed Alignment Specifications after installing SuperSteer® Coil Springs. *Specifications based on proper ride height (1 ¾" – 2 ½").

Front	Spec	-Tol.	+Tol.
Left Camber	0.25	0.25	0.25
Right Camber	0.00	0.25	0.25
Cross Camber			0.25
Left Caster	5.00	1.00	1.00
Right Caster	6.00	1.00	1.00
Cross Caster			1.00
Total Toe	.25 in	.06 in	.06 in

**Your comments are greatly appreciated.
Please feel free to contact SuperSteer® at 888-898-3281
or e-mail at sales@supersteersuperstop.com**

Thank you for your purchase of the SuperSteer® Coil Springs.

