



SumoSprings Front support and level your plow. SuperSprings level the load of a salt spreader and ballast. This combination reduces the stress on original equipment.



## FREQUENTLY ASKED QUESTIONS

A few great questions related to Work Truck suspension improvements

### SHOULD I USE SUPERSPRINGS, SUMOSPRINGS, OR BOTH?

SuperSprings and SumoSprings can be used individually to address specific suspension concerns. However, a combination of both creates a comprehensive suspension solution. SuperSprings assist factory suspension to stabilize and level rear end sag. SumoSprings have been described as “shock absorbers,” and feature unique and superior damping properties. A combination of both product’s unique properties creates a great two-prong suspension enhancement. The result is a vehicle that is more balanced and less susceptible to chucking on rough roads.

### WILL SUPERSPRINGS OR SUMOSPRINGS INCREASE MY VEHICLE’S PAYLOAD?

No, nothing can increase your GVWR. The GVWR of your vehicle is set by the manufacturer and it cannot change. You should never exceed your vehicle’s GVWR. SuperSprings, SumoSprings and all other helper springs are intended to help level loads, not increase GVWR. Learn more about GVWR, Payload, and Capacity in the “Learn More” section of our website at [Supersprings.com](http://Supersprings.com)



SuperCoils

### SuperCoils®

SuperCoils, a heavy-duty and long-term solution, replace worn sagging coils. Primarily, a front-end solution, the high quality steel and coil structure can completely revamp the suspension of a truck with traditional coil springs. Especially, ones equipped with add-ons such as winches, aftermarket bumpers, or plows. SuperCoils are a great work truck suspension solution for light duty pickups, such as the RAM 1500 and 2500 series, equipped with rear coil springs.

### Coil SumoSprings®

Manufactured from micro-cellular urethane (the same material used for SumoSprings), Coil SumoSprings are inserts that slide between the turns of the O.E. coil spring. Essentially, acting as a spring within the coil spring, Coil SumoSprings enhance ride comfort and even capacity. For trucks, the most common application is for the front end, as a complement to whichever kit is installed on the rear. Remember, suspension is a holistic system; the front end works together with the rear end – a complete suspension solution.



Coil SumoSprings



30-DAY MONEY BACK  
GUARANTEE

For more information visit:  
[supersprings.com/warranty](http://supersprings.com/warranty)



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# SuperSprings®

Work Truck Suspension Solutions  
SuperSprings International, Inc.  
[supersprings.com](http://supersprings.com)





**SuperSprings SSA17**  
APPLICATIONS:  
Ford F-450/F-550  
GM 4500/5500

# SuperSprings®

## REDEFINING SUSPENSION STANDARDS

SuperSprings are a unique and patented self-adjusting suspension stabilizing system for vehicles with rear leaf springs, designed to level loads and reduce body roll. SuperSprings provide users extra load support and reduce body roll without compromising ride quality. They are manufactured using a variety of different sized springs to support multiple applications.



**SuperSprings SSA13**  
APPLICATIONS:  
Ford F-250/F-350  
GM 2500/3500



**SELF-ADJUSTING**  
Automatically adjusts as loads are applied



**SUPPORT**  
Reduces rear-end sag



**STABILIZING**  
Reduces body roll + provides greater driver control



**SUSPENSION**  
Works in conjunction with original equipment



### NOT AN AUXILIARY SPRING

An auxiliary spring, also known as an overload spring, is mounted above and/or below the main spring assembly. Auxiliary springs do not assist until they are activated by the contact points.



### NOT AN ADD-A-LEAF

An add-a-leaf is an addition to the existing leaf spring assembly. It adds capacity by stiffening the entire spring assembly. The modified suspension permanently changes the ride quality of the vehicle. Installation can cost a truck 2-4 days of down time, and requires modification to original equipment.

### SUPERSPRINGS ▶ SUPER-SIMPLE

The patented roller is what makes SuperSprings unique. The rollers allow SuperSprings to accommodate the main spring packs transition from elliptical towards straight. As the rollers roll, SuperSprings are taking on the weight in concert with the main spring pack. **A roller. That's it. Simple, right?**



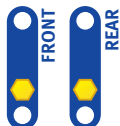
**LOW**  
PRE-LOAD  
TENSION



**MEDIUM**  
PRE-LOAD  
TENSION



**HIGH**  
PRE-LOAD  
TENSION



**MAX**  
PRE-LOAD  
TENSION

### SHACKLE ADJUSTMENT

SuperSprings are designed with various bolt holes allowing the installer to adjust the the pre-load tension.

# SumoSprings®

## BOOST YOUR DRIVING EXPERIENCE

SumoSprings are a patented suspension product designed to enhance load carrying capacity, stabilize sway, and improve overall driver control and ride comfort. They are maintenance-free, do not leak air, and do not require airlines or compressors. SumoSprings are manufactured in a variety of heights, diameters and densities to support multiple front and rear applications. They are manufactured from proprietary closed-cell micro-cellular urethane providing a smooth and progressive spring rate.



**A SumoSprings Solo**



**B SumoSprings Rebel**

**C SumoSprings Maxim**



**SHOCK ABSORBING**  
Superior damping properties



**LEAK PROOF**  
No leaks, ever



**LOAD SUPPORT**  
Progressive spring rate helps level varying loads



**MAINTENANCE FREE**  
Fit it and forget it

### THE SUPERIOR CHOICE WHEN COMPARED TO CONVENTIONAL AIRBAGS

Would you like a maintenance-free airbag that does not leak? SumoSprings provide users with load support using an air spring with a progressive spring rate. The progressive property of the spring means you get support as you need it; more support when the spring is under more load. SumoSprings assist to reduce side-to-side body roll, resulting in a more stable, safer driving experience. SumoSprings increase your vehicle's ride comfort due to their superior damping properties (they absorb and dissipate shock and energy). They require zero maintenance and will never leak.

| SUMOSPRINGS                               | AIRBAGS                            |
|---|------------------------------------|
| ✓ Maintenance-free                        | ✗ Maintenance required             |
| ✓ NO additional accessories required      | ✗ Compressed air required          |
| ✓ Does not crack or leak                  | ✗ Neglected airbags crack and leak |
| ✓ Rebel kits do not restrict wheel travel | ✗ Restricted wheel travel          |

### WHAT'S UP WITH THE COLORS?

SumoSprings color identifies the product's density. They are available in three colors:

| LIGHT & MEDIUM DUTY | LIGHT, MEDIUM, & HEAVY DUTY | MEDIUM & HEAVY DUTY |
|---------------------|-----------------------------|---------------------|
| ■ Blue -40          | ■ Black -47                 | ■ Yellow -54        |

#### SUPERSPRINGS APPLICATIONS ▶ ECCENTRIC LOADS

Crane Body Trucks  
Aerial Device Trucks  
Mechanics Service Trucks

#### SUPERSPRINGS APPLICATIONS ▶ CONSTANT LOADS

Service & Utility Body Trucks  
Salt Spreader Applications  
Tow Trucks, Wreckers & Carriers

Specialty work trucks should not run solely on "un"specialty suspension. Work trucks are expected to carry heavy and uneven loads. Without proper suspension enhancements, the truck's service life is cut short, resulting in increased costs and decreased safety. SuperSprings are maintenance-free and self-adjusting. They level your truck, reduce body roll, and generate greater driver control.

#### FRONT + REAR

##### Utility Body Vans

##### Platform Body Trucks

Suspension is a holistic system, with both front and rear ends working together. Front suspension is just as critical as rear suspension. Rear suspension enhancements alone make a great difference, but additional improvement is achieved by stabilizing the front. When we think rear, we think load support. The front can be load support, but more commonly, front suspension enhancements are recommended to support weight transfer the vehicle experiences in braking, chucking, turning, etc.

##### Contractor Body Trucks & Vans

##### Gooseneck Body Trucks

#### SUMOSPRINGS REAR

Pickup Trucks  
Truck Cap Applications  
Service Vans  
Trailer & Towable Applications

#### SUMOSPRINGS FRONT

Rear Suspension Support  
Snow Plow Applications  
Replacement Bumper Applications  
Heavy Duty Winch Applications

#### COIL SUMOSPRINGS

Van Applications  
Sedan Applications  
Front coil Applications  
Rear coil Applications

SumoSprings absorb harsh bumps and jolts to provide a smooth ride over uneven surfaces, highway joints, and other rough terrain. By reducing harsh movements, SumoSprings give drivers better control of their vehicle. A progressive spring rate with exceptional load support and maintenance-free micro-cellular urethane with superior damping properties make SumoSprings a unique and complete suspension solution.