

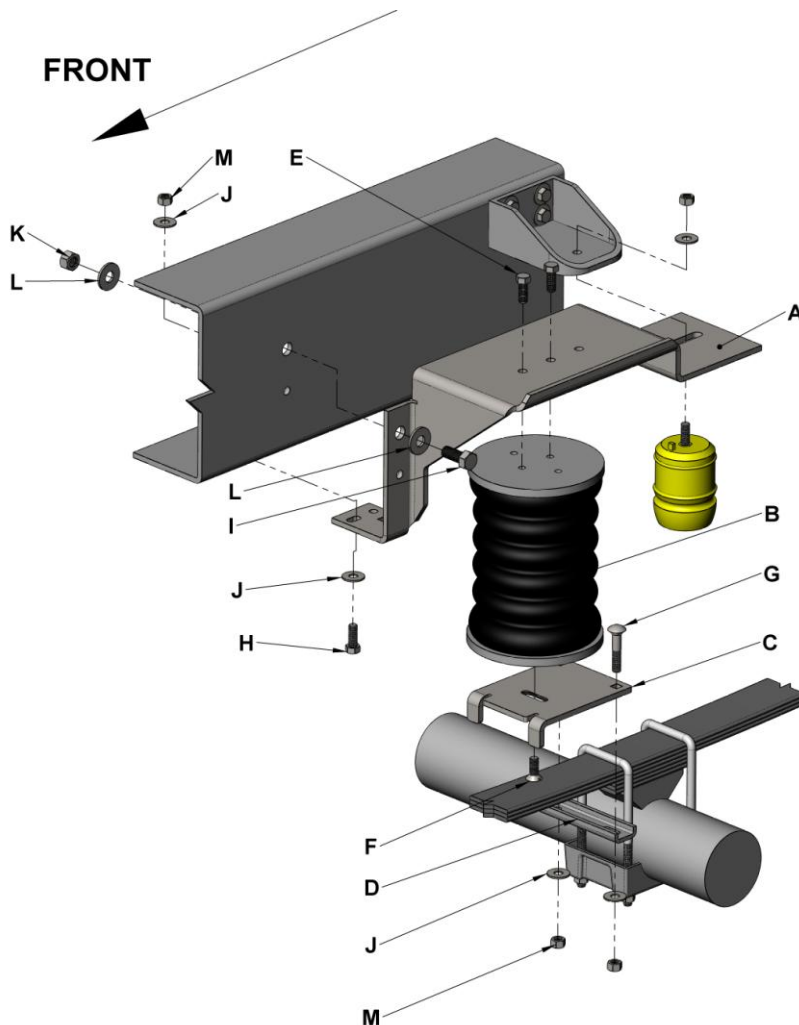
# SumoSprings Rear

Workhorse W20/22/24 Motor Home (2001-2010)

REAR

Part #SSR-280

Drivers Side (Passenger Side Similar)



<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Quant.</u>
A	512044 512041	Upper bracket DS Upper bracket PS	1 1
B	511401	SumoSpring	2
C	512040	Lower bracket	2
D	511047	U- bracket strap	2
E	512207	3/8-16 x 3/4 serrated flange hex bolt	4
F	512222	3/8-16x 5/8" FHCS (cap screws)	2
G	512247	3/8-16 x 4" carriage bolts	4
H	512252	3/8-16 x 1 1/4" hex bolt	2
I	512253	1/2-16 x 1 1/2" hex bolt	2
J	512227	3/8" USS flat washers steel	8
K	112164	1/2" Top-lock nut	2
L	112130	1/2" steel washer	4
M	512234	3/8-16 Top-lock nut	6

Floor Jack	1
Jack stands	2
Wheel blocks	4
9/16" wrench	2
3/4" wrench	2
Drill and 3/8 drill bit	1

## **Installation Instructions**

- 1) Park vehicle on level hard surface. Engage emergency brake. Place blocks in front and behind rear wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
- 2) Raise rear of vehicle allowing the axle to hang freely. Support the frame using safety jack stands.
- 3) Remove the factory bump-stops and set aside for re-installation. Remove 8mm hex screw from underside of the frame where 3/8 hex bolt (Item H) will be installed. Using the drill with the 3/8" drill bit open bigger the hole from which the 8mm screw was removed.
- 4) Remove the Upper Frame bracket (Item A) and place it against the chassis frame just forward of the axle with the large 0.62" hole in the bracket aligned with the large existing hole in the side of the frame (see above) and the slot in the horizontal plate of the bracket aligned with the hole in the bump-stop bracket from which the bump-stop was removed in 2 above.
- 5) Re-insert the factory bump-stop through the horizontal slot in the bracket and attach to the factory bump-stop bracket using nut and washer previously removed (see diagram above).
- 6) Attach the bracket to the side of the chassis frame using a 1/2-16 x 1 1/2" hex bolt (Item I) and a 1/2-16 Top-lock nut (Item K) and 1/2" steel washers (Item L). Likewise attach the bracket to the underside of the frame using a 3/8-16 x 1 3/4" hex bolt (Item H), 3/8-16 Top-lock nut (Item M) and washers (Item J).
- 7) Attach the bottom bracket (Item C) to the bottom of the Sumospring (Item B) using a 3/8-16 flat head cap-screw (Item F). Orientate the bottom bracket as per the schematic above ensuring that the Sumospring is positioned closest to the wheel relative to the slot in the bottom bracket and tighten the cap-screw. Install the Sumospring/lower bracket assembly and attach to the top bracket using two 3/8-16 x 3/4" serrated flange bolts (Item E).
- 8) Lower the jacks allowing the lower bracket to sit firmly on the factory spring-pack. Drop the two 3/8" x 4" carriage bolts into the lower bracket. Attach the u-bracket strap (Item D) and secure the 3/8 top-lock nuts (Item M) and washers (Item J).
- 9) We have an optional hole to attach to the side of the frame below the 1/2-16 connection in case the connection to the underside of the frame is obstructed and not possible. This would require a hole to be drilled into the side of the frame to accommodate the 3/8-16 bolt that would have been installed in the underside of the frame.
- 10) Repeat steps three through seven on the other side of the vehicle.
- 11) Jack up vehicle, remove safety jack stands.
- 12) Carefully lower vehicle to the hard surface. Remove the blocks in front and back of the rear wheels.
- 13) Release emergency brake.
- 14) Fill out warranty card and send to SuperSprings. The warranty card is on the reverse side of this page.

Note: This Sumospring product does not authorize the vehicle to be loaded beyond the vehicles GVWR.



## LIMITED WARRANTY

Your SuperSprings™ product is covered by the **Limited Warranty** explained below that gives you specific legal rights. This Limited Warranty is the only warranty made in connection with your suspension stabilizer, SumoSprings. SuperSprings™ neither assumes nor authorizes any vendor, retailer or other person or entity to assume for it any other obligation or liability in connection with this product or Limited Warranty.

### What is Covered?

Subject to the terms, exclusions and limitations herein, SuperSprings International, Inc. Warrants to the initial retail or fleet purchaser only that its SumoSprings suspension stabilizer shall be free of defects in material and workmanship for:

**Two (2) years**

This Limited Warranty extends only to the initial retail or fleet purchaser with respect to use upon the vehicle the SuperSprings™ product is first installed. The term of Limited Warranty shall be measured from the date of purchase. SuperSprings™ reserves the rights to: (a.) require claimant's proof of purchase as a condition of this Limited Warranty, (b.) make future revisions to its Limited Warranty without prior notice.

*ALL OTHER EXPRESS OR IMPLIED WARRANTIES INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED.*

### What is Not Covered?

Your **Limited Warranty** does not cover any damage arising or related to any vehicle, product, or component combination other than the SumoSprings suspension stabilizer. Your SuperSprings™ Limited Warranty further does not cover vehicles, products or components supplied by us or others that SuperSprings International, Inc determines to have been damaged by or subjected to:

- Vehicle use in excess of GVWR combined vehicle weights/ tow ratings or other OEM design specifications or limitations.
- Normal wear and tear, deterioration of spring shape or rating, alteration or failure to maintain.  
Scratches or defects in product finishes (powder coating, paint, etc.) or damage due to shipping.
- Misuse, including products used other than as recommended in the current SumoSprings application guide or the instructions.
- Racing or other vehicle competitions or contests. Accidents, impact by rocks, trees, obstacles or other aspects of the environment.

### Remedy Limited to Repair / Replacement.

The exclusive remedy provided hereunder shall, upon SuperSprings Internationals' inspection and option, be either repair or replacement of product or parts covered under this **Limited Warranty**. Customers requesting warranty consideration should first contact the independent distributor from whom you purchased your SumoSprings to obtain a Returned Goods Authorization number. All removal, shipping and installation costs are customer's responsibility. If a replacement part is needed before yours can be returned, you must first purchase the replacement part. Then, if SuperSprings™ deems your part warrantable, you will be credited the purchase price. Your warrantor is SuperSprings International, Inc. *If you are unable to submit a warranty claim through your distributor contact SuperSprings™ customer service at 800-898-0705 or the address indicated below.*

### Other Limitations - Exclusion of Damages - Your Rights under State Law

In consideration of the purchase price paid, neither SuperSprings International, Inc. or any independent SuperSprings™ distributor are responsible for any installation or removal costs, time loss, rental costs, or for any incidental, consequential, punitive or other damages you or third parties may incur in connection with any product purchased. Your exclusive remedy hereunder for covered parts is repair/replacement as described above.

*This **Limited Warranty** gives you specific rights. You may also have other rights that vary from state to state. For example, while all implied warranties are disclaimed herein, any implied warranty required by law is limited to the terms of Limited Warranty described above. Some states do not allow limitations of how long an implied warranty lasts and /or do not allow the exclusion or limitation of incidental or consequential damages, so the limitations and exclusions herein may not apply to you.*

SuperSprings International Inc. 5055 6<sup>th</sup> Street, Carpinteria, CA 93013

Phone: 800-898-0705

Tech Support: 866-898-0720

Web: [www.supersprings.com](http://www.supersprings.com)

# ***SuperSprings***®

## Warranty Card

To activate your SuperSprings product warranty please complete and return this form today with a copy of your receipt for the item(s) purchased. Completed forms may be faxed or mailed to the number or address listed below.

### Buyer Information

Name

Street Address

City

State

Zip

Phone

Fax

Email Address

Item Purchased

Purchase Date

### Seller Information

Company Name

Phone Number

Sales Invoice #

### Installation Information

Vehicle Make

Vehicle Model

Vehicle Year

Please note: Without a copy of your receipt this warranty information CANNOT be processed.

Please ensure you have attached a copy of your SuperSprings purchase receipt with this completed form

Please mail to SuperSprings address listed below.

Comments:

5055 6<sup>th</sup> Street, Carpinteria, CA 93013 Phone: 866-898-0720 Fax: 805-745-5501