

KEEP FOR FUTURE REFERENCE

INSTRUCTIONS FOR USE



908 W. Main • P.O. Box 368
Laurel, MT USA 59044
800-548-7341 (phone)
406-628-8231 (phone)
406-628-8354 (fax)
www.WPG.com

 **INTENDED FOR USE BY SKILLED
PROFESSIONALS • READ AND
UNDERSTAND BEFORE USING**



ADJUSTABLE SPACERS FOR MOVABLE PAD MOUNTS

Stock numbers: 93100, 93100AM, 93101,
93101AM (shown)

TABLE OF CONTENTS

SPECIFICATIONS	2
FEATURES.....	3
ASSEMBLY	4
REPLACEMENT PARTS.....	6
LIMITED WARRANTY	7
TO OBTAIN REPAIRS OR WARRANTY SERVICE.....	7

SPECIFICATIONS

Stock Numbers	93100, 93100AM, 93101, 93101AM
Product Description	By increasing the distance between the lifter's pad frame and the load's contact surface, adjustable spacers enable the lifter to handle windows with mullions or similar loads with surface obstructions.
Lifter Weight Increase	5 lbs [2.3 kg] per Adjustable Spacer <i>Note: This weight should be added to the Lifter Weight when determining hoisting equipment capacity.</i>

SPACER DIMENSIONS

Lifter's Pad Frame Tube Width	<i>Note: Spacers listed below are intended for use on lifters with 2"-wide [51 mm] pad frame tubes</i>		<i>Note: Spacers listed below are intended for use on lifters with 2½"-wide [63 mm] pad frame tubes</i>	
Spacer's Stock Number	93100	93100AM	93101	93101AM
Spacer Tube Dimensions	2" x 2" [51 mm x 51 mm]	2" x 3" [51 mm x 76 mm]	2½" x 2½" [63 mm x 63 mm]	2½" x 3½" [63 mm x 89 mm]
Spacing Distance — Short	2-1/16" [52 mm]	3-1/16" [78 mm]	2-9/16" [65 mm]	3-9/16" [90 mm]
Spacing Distance — Long	2-13/16" [71 mm]	3-13/16" [97 mm]	3-5/16" [84 mm]	4-5/16" [109 mm]

REDUCED LOAD CAPACITY OF VACUUM LIFTERS¹

Spacer's Stock Number	93101		93101AM	
Spacing Distance	2-9/16" [65 mm]	3-5/16" [84 mm]	3-9/16" [90 mm]	4-5/16" [109 mm]
Lifter model MRT4-DC(3)	370 lbs [167 kg]	325 lbs [147 kg]	310 lbs [140 kg]	265 lbs [120 kg]
Lifter model MRTALP811LDC3	970 lbs [440 kg]	930 lbs [421 kg]	920 lbs [417 kg]	880 lbs [399 kg]
Lifter model MRTA811LDC3	1320 lbs [598 kg]	1280 lbs [580 kg]	1270 lbs [576 kg]	1240 lbs [562 kg]

Make sure to consider the Reduced Load Capacity indicated above (not the capacity listed in the lifter's OPERATING INSTRUCTIONS).

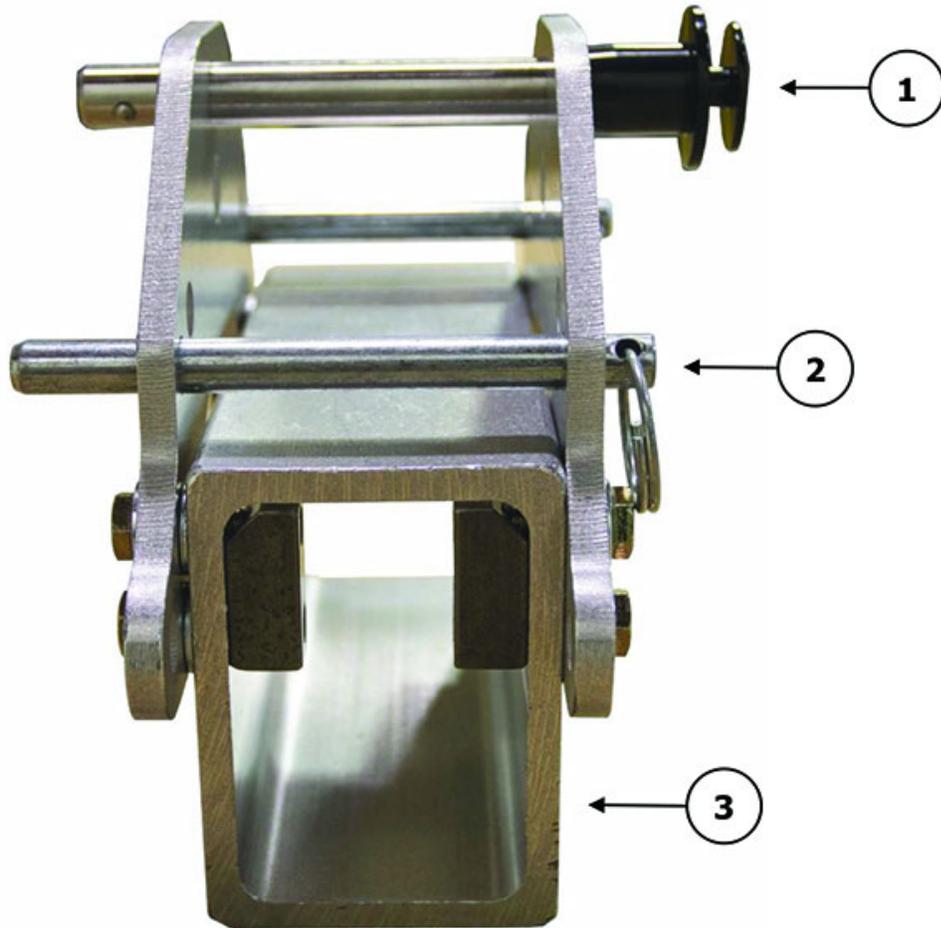
Using Adjustable Spacers reduces load capacity of lifter.

Note: Before installing and using the Adjustable Spacers read, understand and follow the lifter's OPERATING INSTRUCTIONS except when directed differently in these option instructions. Inspections, tests and maintenance in the lifter's instructions should be understood to include options, when relevant. All warnings in the "SAFETY" section, as well as alerts in other sections, are applicable when using the Adjustable Spacers.

¹..... Load capacities of Flat Lifters are not affected by the use of Adjustable Spacers. For lifter models that are not listed above, contact WPG to determine reduced load capacities.

FEATURES

Features shown here are underlined on their first appearance in each section following.



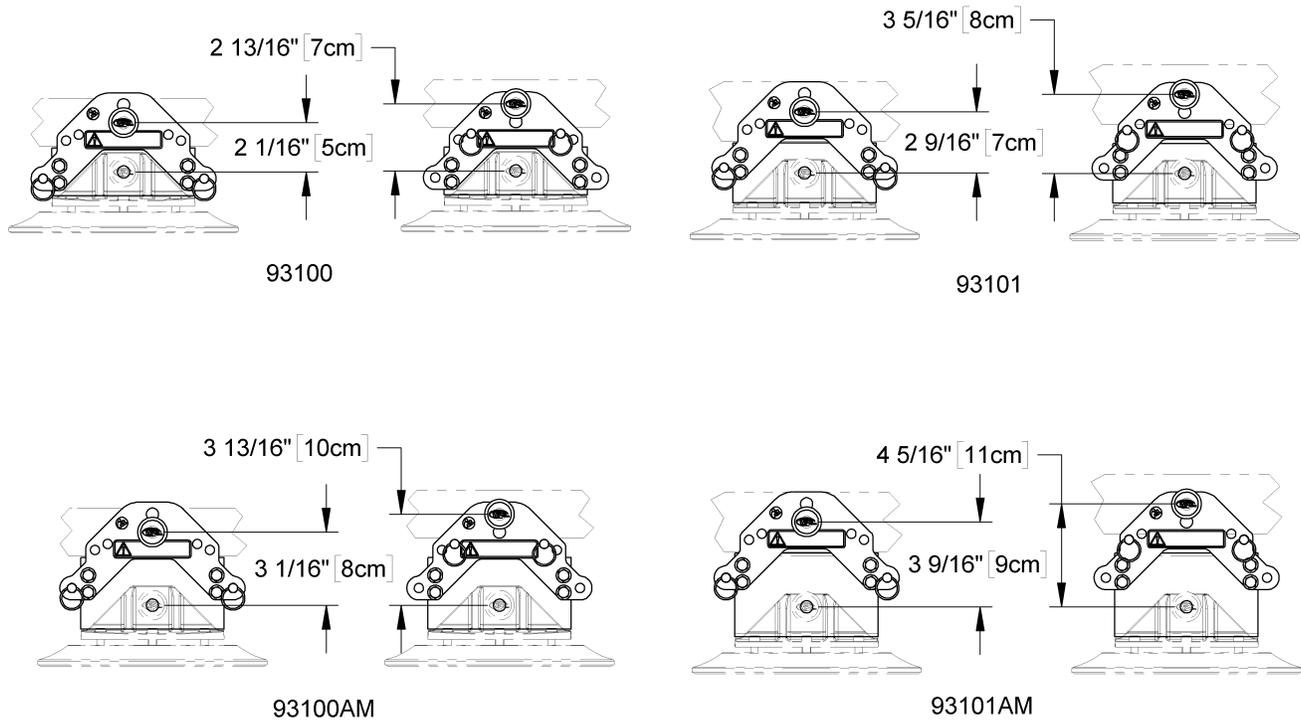
- 1 PUSH-BUTTON COTTERLESS HITCH PIN
- 2 COTTERLESS HITCH PIN
- 3 SPACER TUBE

For information about specific parts, see [“REPLACEMENT PARTS”](#).

ASSEMBLY

Note: Before installing Adjustable Spacers, configure the lifter's pad frame to provide optimal support of the load while lifting, as directed in the "ASSEMBLY" or "OPERATION" sections of the lifter's OPERATING INSTRUCTIONS.

1A



- 1) Each spacer is adjustable, to produce the Minimum or Maximum Spacing Distance. Select the desired Spacing Distance for your spacer tube based on the clearance required for your application (fig. 1A).

Note: Use the shortest Spacing Distance that will allow the lifter to clear any obstructions on the load surface when the vacuum pads are fully attached to the load.

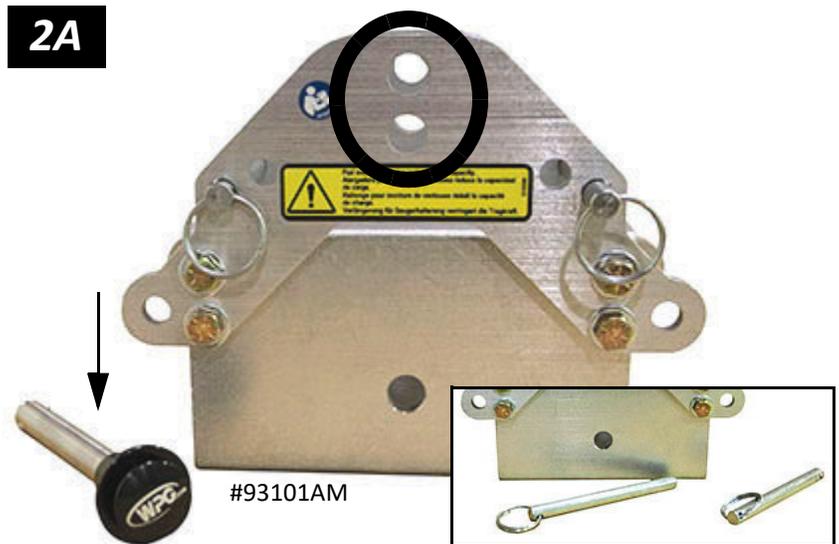
ASSEMBLY

2) Install the Adjustable Spacer on the pad frame:

2.1) Remove the push-button cotterless hitch pin (arrow in fig. 2A) from the Adjustable Spacer.

Note: If needed, remove the other cotterless hitch pins (inset in fig. 2A).

2.2) Align the desired hole of the Adjustable Spacer (circled in fig. 2A) with the hole in pad frame tube.

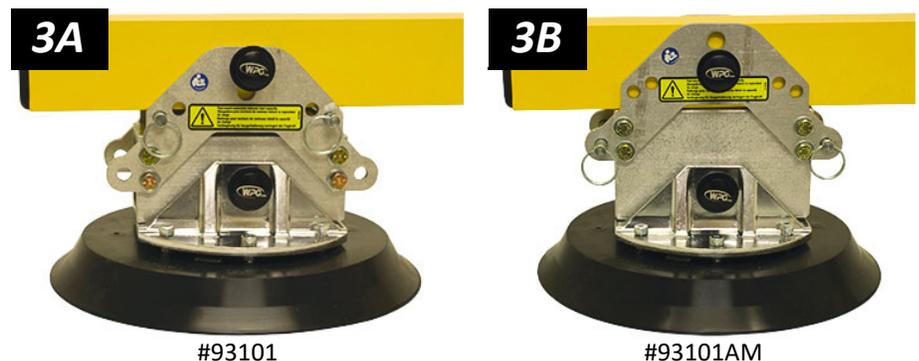


2.3) Secure the Adjustable Spacer on the pad frame tube with the same cotterless hitch pins (fig. 2B).



Note: When the spacer is adjusted to the Minimum Spacing Distance, only the push-button cotterless hitch pin is required to secure the spacer. Store the other cotterless hitch pins as shown in fig. 2C.

3) Install the pad mount on the spacer tube, securing it with the pad mount's push-button cotterless hitch pin (figs. 2D-E).



4) Repeat steps 2-3 for all pad mounts used in the pad frame configuration.

Note: Make sure all Adjustable Spacers employed on the lifter are adjusted to produce the same Spacing Distance.

REPLACEMENT PARTS

Stock No.	Description	Qty.
13532	Push-Button Cotterless Hitch Pin – 1/2" x 4" (for 93101, 93101AM)	1 per Spacer
13530	Push-Button Cotterless Hitch Pin – 1/2" x 3-1/2" (for 93100, 93100AM)	1 per Spacer
13524	Cotterless Hitch Pin – 3/8" x 4" (for 93101, 93101AM)	2 per Spacer
13520	Cotterless Hitch Pine – 3/8" x 3" (for 93100, 93100AM)	2 per Spacer

***SERVICE ONLY WITH IDENTICAL REPLACEMENT PARTS,
AVAILABLE AT WPG.COM OR THROUGH AN AUTHORIZED WPG DEALER***

LIMITED WARRANTY

Wood's Powr-Grip® (WPG) products are carefully constructed, thoroughly inspected at various stages of production, and individually tested. They are warranted to be free from defects in workmanship and materials for a period of one year from the date of purchase.

If a problem develops during the warranty period, follow the instructions below to obtain warranty service. If inspection shows that the problem is due to defective workmanship or materials, WPG will repair the product without charge.

Warranty does not apply when ...

- modifications have been made to the product after leaving the factory
- rubber portions have been cut or scratched during use;
- repairs are required due to abnormal wear and tear, and/or;
- the product has been damaged, misused or neglected.

If a problem is not covered under warranty, WPG will notify the customer of costs prior to repair. If the customer agrees to pay all repair costs and to receive the repaired product on a C.O.D. basis, then WPG will proceed with repairs.

TO OBTAIN REPAIRS OR WARRANTY SERVICE

For purchases in *North America*:

Contact the WPG Technical Service Department. When factory service is required, ship the complete product – prepaid – along with your name, address and phone number to the street address listed at the bottom of this page. WPG may be reached by phone or fax numbers listed below.

For purchases in *all other localities*:

Contact your dealer or the WPG Technical Service Department for assistance. WPG may be reached by phone or fax numbers listed below.

Wood's Powr-Grip Co., Inc.

908 West Main St.

Laurel, MT 59044 USA

406-628-8231 (phone)

800-548-7341 (phone)

406-628-8354 (fax)