

## Installation instructions: RMW Ladder Adapter



### Main Components:

- 5 bracket pieces
- Indexing plunger
- Rubber Bumper

### Hardware:

- 2 – SS shoulder bolts
- 4 – Black nylon washers
- 2 – 5/16" Nylock Nuts
- 2 - #10-32 Counter sunk screws
- 4 – M6 SS Round head bolts
- 4 – M6 washers
- 4 – M6 Nylock nuts
- 1 - #10-32 Round head bolt
- 1 - #10-32 Nylock nut
- 2 – 5/8" Shaft Collars

### Tools Required:

- 1/8", 5/32", and 3/16" Allen head wrenches
- 10mm, 3/8", 1/2" wrench or sockets

## Introduction

Thank you for purchasing the Rocky Mountain Westy Ladder to Rock Slider Adapter Kit. We pride ourselves in the products we develop and would not bring an item to market that we did not fully believe in. The Ladder Adapter Kit allows you to mount your Rocky Mountain Westy Ladder to your RMW Rock Sliders.

## Adapter Bracket Assembly:

1. Begin by bolting the indexing plunger to the pivot bracket using the 2 supplied #10 countersunk screws.



- Next, insert one of the two shoulder bolts through the middle hole as shown, along with a plastic washer:



- Then install the bracket with the bent tab, followed by another plastic washer as shown:



4. Next, install the small curved bracket as shown, followed by a Nylock Nut. Leave the nut loose at this time.



5. Install the rock slider bracket between the other brackets making sure to put a plastic washer between each piece. Also ensure that the bracket is facing the correct direction. Add the last Nylock nut and tighten them both down. **Make sure not to over tighten the nuts however. The brackets should be snug but able to move freely:**

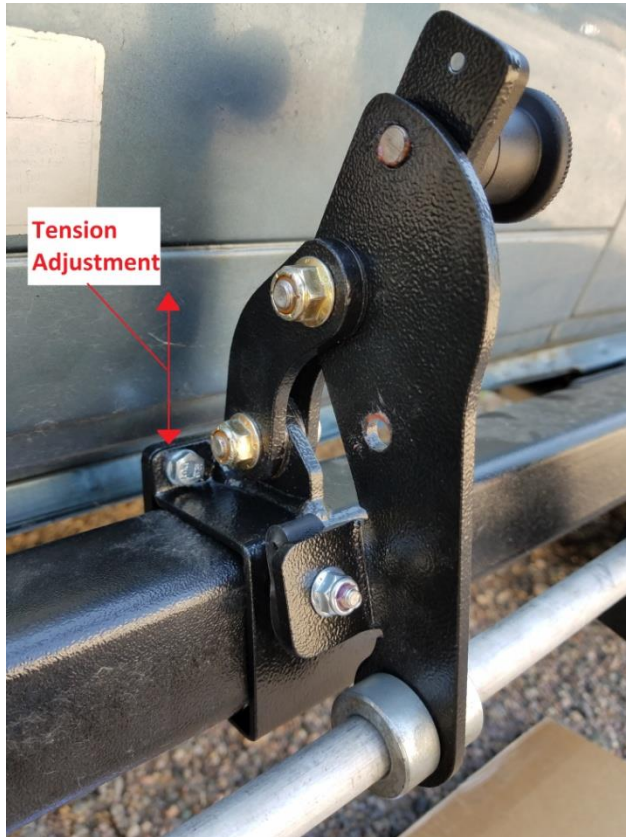


- Next, you'll install the rubber bumper using the supplied #10-32 bolt and nylock nut. Run the bolt through the bumper, and attach to the bracket as shown.



## Installing the bracket assembly on the Ladder:

1. Now you can attach the adapter assembly to your ladder. You'll need to cut and remove the black plastic sleeve on the lower 5/8" aluminum rung, and insert the rung into the bottom of the adapter bracket assembly. Position the assembly in the middle of the rung, and install both shaft collars on either end to sandwich the bracket. Now you can install (or reinstall if your ladder is already assembled) the lower rung on the ladder with the adapter attached.
2. You may now install the Ladder on the van making sure that the lower adapter bracket has a free spot to attach to the rock slider. Adjust and tighten the upper lock tabs so that there is pressure on the rain gutter to prevent the ladder from lifting off.
3. Once the ladder is securely attached at the top, you may now position the lower adapter bracket assembly to the rock slider. First make sure the assembly is in the closed position with the bumper contacting the lower rock slider bracket. Slide the bracket over the rock slider and loosely install the backing plate with the supplied M6 bolts, washers and Nylock nuts. We have purposefully put some play in the top and bottom of the mounting bracket so that you can position it up or down allowing you to adjust how much tension there will be on the bumper. Push it up for more tension, or down for less. You will want enough tension on the bumper to prevent the ladder from rattling, but not too much as to make pulling the plunger pin difficult. Tighten the backer plate bolts once a good amount of tension in the bumper is reached. **This may take some trial and error to find the sweet spot. Also adding some white lithium grease to the plunger pin holes will help keep it operating smoothly.**
4. Once everything is tightened down, you may now test the function of the adapter by pulling the pin and opening the ladder to the locked open position. **Do NOT step on the ladder before confirming the plunger pin is in the locked position!** If the linkage is hard to move, try slightly loosening the 5/16" nuts and shoulder bolts. To move the ladder to the closed position, pull the plunger with one hand, pull up slightly and push the ladder towards the van. You should feel some resistance from the bumper before hearing the plunger engage the locked close position.



**Thanks for purchasing Rocky Mountain Westy products!**