



## Ace Car Top Carriers 100A20, 100A10, 100A50



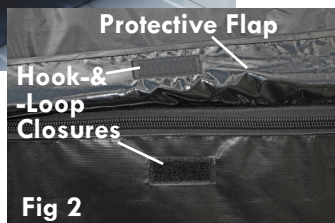
The correct attachment of this product is critical and beyond the control of Rightline Gear. The safe use and long life of this product depends entirely on your good judgment and following these directions.

### Pack The Carrier

**WARNING: DAMAGE MAY OCCUR TO THE CARRIER IF EXCESS MATERIAL FLAPS IN THE WIND.**

TO ELIMINATE EXCESS MATERIAL, PACK THE CARRIER FULL. IF UNABLE TO PACK FULL, FILL THE FRONT CORNERS OF THE CARRIER AND PULL THE EXCESS MATERIAL DOWN OVER THE SIDES. HOLD THE EXCESS MATERIAL SECURELY IN PLACE WITH THE CARRIER'S STRAPS.

- 1-Clean the vehicle's roof of all dirt and debris.
- 2-Unzip the carrier and place it on top of the vehicle with its non-zippered end facing front.
- 3-Load your gear within the shape of the carrier (Fig 1). Place sharp edged items in the middle and softer items around them.
- 4-Close the zipper as you fill the carrier from the front to the rear.
- 5-Fold the protective flap down to secure the hook-&-loop closures (Fig 1 and Fig 2). Make sure the hook-&-loop closures on the zipper flap completely overlap those on the carrier. If it is difficult to secure the closures, the carrier is over packed.



### Attach The Carrier - WITH A Roof Rack

**NOTE: REQUIRES SPACE UNDER THE ROOF RACK SIDE RAILS OR CROSS BARS FOR THE CARRIER'S ATTACHMENT STRAPS TO PASS THROUGH.**

- 1-Remove the Car Clips from the (4) attachment straps (Fig 3); the Car Clips will not be used.



Fig 3

- 2-Decide if you will be attaching the straps to the roof rack side rails or cross bars. If side rails, the straps will connect to the side buckles (Fig 4). If cross bars, the straps will connect to the front and rear buckles (Fig 4).

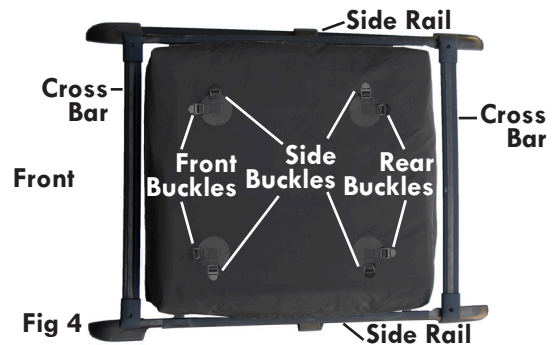


Fig 4

- 3-Attach each strap by wrapping it around the rack, threading its end through its loop, and pulling tight (Fig 5).
- 4-Thread the straps up through slot A and down through slot B of the buckles (Fig 6) and tighten the straps evenly.
- 5-Tie off the strap ends so they don't flap in the wind (Fig 7). Make sure to re-tighten the straps after a few miles and check them regularly throughout the trip.



Fig 5



Fig 7

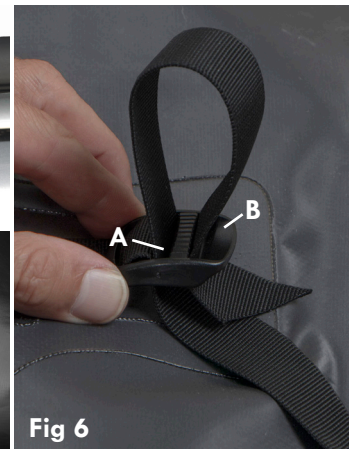


Fig 6

**NOTE: IF A STRAP MAKES NOISE WHILE DRIVING, LOOSEN THE STRAP, RE-POSITION IT SLIGHTLY, AND RE-TIGHTEN IT.**

## Attach The Carrier - WITHOUT A Roof Rack

1-Start with the Car Clips on the (4) attachment straps (Fig 8).



Fig 8

2-Line up the side buckles with the doors of the vehicle (Fig 9). If a 4-door vehicle, (1) strap will attach to the door frame weather molding in each of the (4) doors. If a 2-door vehicle, (2) straps will attach to the door frame weather molding in each of the (2) doors.



Fig 9

3-Hold the straps with the Car Clips facing towards the vehicle (Fig 10). Thread the straps up through slot A and down through slot B of the buckles (Fig 11).



Fig 10



Fig 11

4-Open the vehicle's doors and hook the Car Clips under the door frame weather molding (Fig 12).

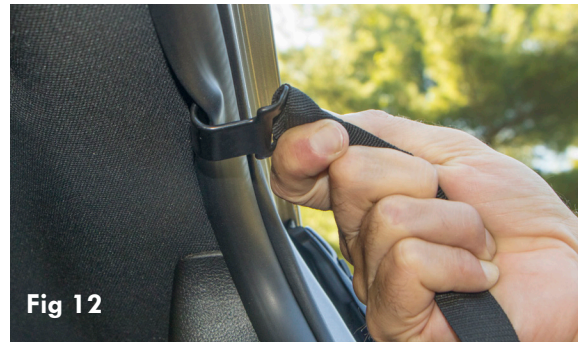


Fig 12

5-Tighten the straps evenly (Fig 13 and Fig 14) and shut the vehicle's doors over the clips/straps (Fig 15).

6-Tie off the strap ends so they don't flap in the wind (Fig 16). Make sure to re-tighten the straps after a few miles and check them regularly throughout the trip.



Fig 13



Fig 14



Fig 15

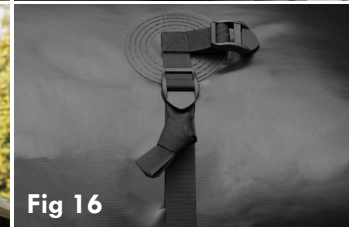


Fig 16

**NOTE: IF A STRAP MAKES NOISE WHILE DRIVING, LOOSEN THE STRAP, RE-POSITION IT SLIGHTLY, AND RE-TIGHTEN IT.**

## Re-Connect The Car Clips To The Attachment Straps

1-Run a strap's loop through the backside of a Car Clip (Fig 17).

2-Thread the strap's end through its loop (Fig 18).



Fig 17



Fig 18



Fig 19

3-Pull the strap's end to tighten the strap around the Car Clip (Fig 19).

4-Repeat steps 1-3 for the other (3) straps.

**1 Year Manufacturer's Limited Warranty**  
[www.rightlinegear.com/product-warranty.html](http://www.rightlinegear.com/product-warranty.html)