

STROUD



PACKING & MAINTENANCE MANUAL FOR STROUD SAFETY DRAG CHUTES

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DISCLAIMER NO WARRANTIES

There are no warranties which extend beyond the description of the parachutes in this manual, and neither the seller nor any agent of the seller has made any affirmation of fact or promise with respect to the drag chute except those that appear therein.

The liability of the seller is limited to the duty to replace defective parts found upon examination by the manufacturer to be defective in material or workmanship within seven days after purchase and found not to have been caused by any accident, improper use, alteration, tampering, abuse or lack of care on the part of the purchaser.

WARNING!

Are intended to be live-saving devices, there is no guarantee that they will work if needed. There are so many factors, both human and natural, beyond our control that we want you to clearly understand that by using or intending to use our drag chutes, you are assuming a considerable risk of personal injury or death.

If you are not willing to assume that risk, please return the drag chute before it is used to the manufacturer.

CARE OF YOUR DRAG CHUTE

Drag chutes are simultaneously very rugged and quite delicate. They are pieces of life saving equipment and should be treated with care. Drag chutes are made of nylon, a very strong and durable material, but even nylon has enemies. Small amounts of acid will eat it and ultra-violet sunlight weakens nylon rapidly. This is a surface effect so that thicker material, such as webbing or pack material are not seriously affected, but canopy cloth is very vulnerable.

When your drag chute is in the car, care must be exercised to assure that it is not damaged. Be sure that it does not come in contact with any sharp or loose metal surfaces, or any objects within the car which might cut or snag it. All metal edges and exposed nuts and bolts, etc. Should be taped or covered to prevent wear on the drag chute. Be sure that your drag chute does not come in contact with water, oils, acids, grease, dirt, agricultural or fire retardant chemicals. When not in use, store your drag chute in a clean, dry, protected area. When in doubt as to it's condition, consult the Stroud company.

CAUTION!

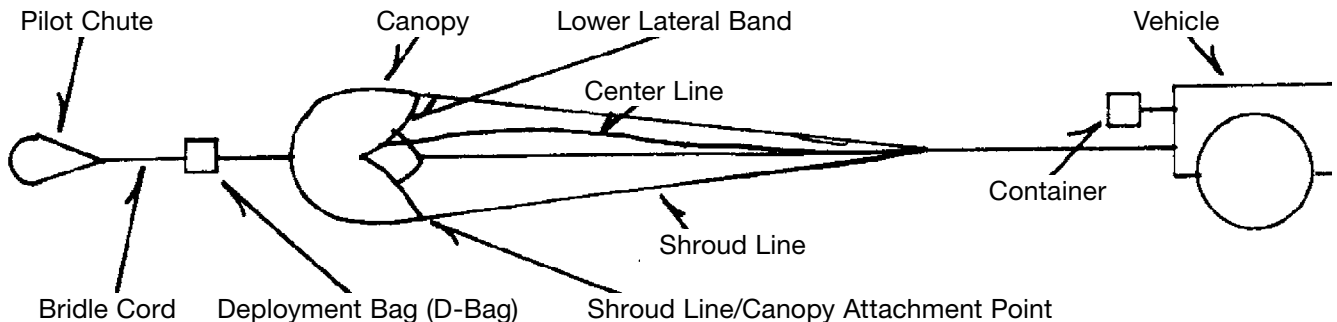
Never store your drag chute in your cockpit exposed to the sun.

PACKING & MAINTENANCE INSTRUCTIONS FOR STROUD SAFETY DRAG CHUTES

Congratulations! You have just purchased the finest and most advanced drag chute on the market! It is designed by a professional parachute engineer. It is designed to slow and stabilize your vehicle. It is not designed to simply be the easiest to mass produce. After you read these instructions, you will be amazed at how fast and easy this drag chute packs. After you use it, you will also be amazed at how softly it opens, how well it slows down your vehicle and how stable it is.

THE CARE AND FEEDING OF YOUR DRAG CHUTE

NOMENCLATURE



CLEANING

You can and should wash your canopy at least once every 6 to 8 weeks of use. Wash in a standard washing machine—with nothing else in them—using mild soap and cold water. NEVER, NEVER machine dry! ALWAYS air dry in the shade! On Drag boats lay them out in the shade with a breeze blowing. If you can get someone to hold it open in the breeze, it will dry faster. Remember, even if the canopy is still damp, it will still open, although a little slower and much harder. Do not use the canopy when it is soaking wet. It will tend to stick together. Always inspect the canopy after every run for damage. Stroud Safety will gladly inspect your canopy (or any other manufacturers canopies) free of charge, as our #1 concern is your safety.

PACKING

1. After your canopy is attached to your vehicle, the next step is to pack it for use. Grab the outside shroud line at the vehicle attachment point. (Figure 1) Walk towards the canopy (away from the vehicle), keeping the line flat and straight and off the ground. If the canopy is twisted, it will start untwisting as you do this. When you get to the shroud line attachment point on the canopy, stop.



Figure 1

2. Grab the lower lateral band (the tape around the bottom edge of the canopy) on both sides of the canopy/shroud line attachment point. (Figure 2) Continue walking away from the vehicle while following the lower lateral band. You will reach a point where the canopy is tight and you cannot go any further from the vehicle. (Figure 3)



Figure 2



Figure 3

3. Hold these two points in the left hand with different fingers, keeping the lines and canopy tight and off the ground. Reach down and grab the remaining point and hold it with another finger of the left hand. (Figure 4) Now all of the shroud lines and canopy should be held tight and off of the ground. The center line should still have some slack in it. This is normal.



Figure 4

4. Run your free hand down the inside of the canopy between the fingers of your left hand as far down as it will go. This pulls any loose material snug and away from any damage. (Figure 5) Remember that all material should be inside the canopy, not sticking through the lines or lateral bands.



Figure 5

Grab the lowest point of the canopy directly beneath your left hand. Bring both hands together, making a fold in the canopy. (Figure 6, Figure 7 & Figure 8)



Figure 6



Figure 7



Figure 8

Repeat this step again to further reduce the width of the canopy. (Figure 9 & Figure 10)

Don't worry if the pilot chute bridal cord is twisted, we'll get to that later.



Figure 9



Figure 10

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- 5.** Pull the deployment bag (D-bag) up over the end of the canopy. S fold the canopy into the D-bag. Don't worry if it isn't perfect. (Figures 11, 12, 13) It will make no difference upon opening.



Figure 11



Figure 12



Figure 13

Continue on S folding the lines, just like the canopy, and put them into the D-bag on top of the canopy. You DO NOT have to be extremely neat here. Just make sure the lines are able to come out of the D-bag first and are not tangled with the canopy. Make sure the canopy goes into the D-bag first, then the lines. The system opens exactly opposite of how we pack it. We want the canopy open last after the lines are elongated, so we pack it in the D-bag first. We want the lines deployed first, so we put them in the D-bag last.



Figure 14



Figure 15



Figure 16

6. When you have stowed all of the lines in the D-bag, fold the flap on the D-bag over the lines and tuck it into the other side of the bag. Stuff any exposed canopy or lines back into the bag. (Figure 17 & Figure 18)



Figure 17



Figure 18

7. IMPORTANT: PLEASE READ. Pull gently on the pilot chute bridal cord until it will not come out of the D-bag any further. Now you can untwist it, increasing its length. Place the packed D-bag in your container, S fold the pilot chute bridal cord on top of the D-bag and place the pilot chute on top of the folded bridal cord. (Figures 19, 20 & 21)



Figure 19

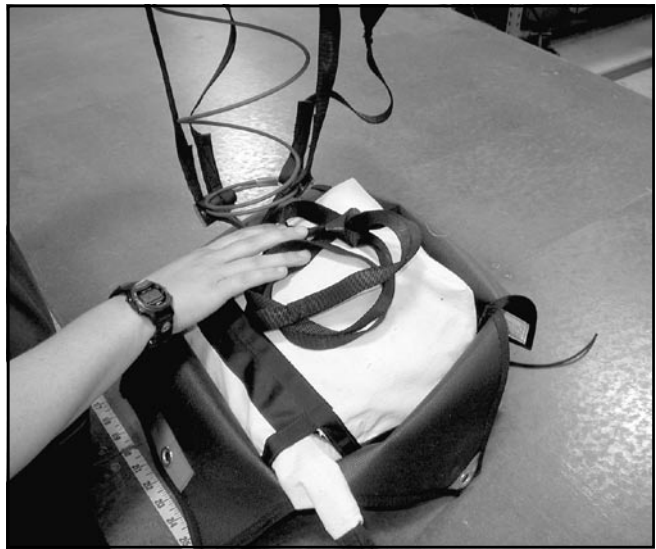


Figure 20



Figure 21

8. Now close the pack with a pull up cord thru the closing loop, closing the square flaps first. (Figure 22)

The tapered flaps come next. Remember, the flap OPPOSITE your ripcord closes last. This will help prevent hard, or no pulls. Remove your pull up cord. NOTE! If for some reason you lose your pull up cord, a shoelace will work! (Figure 23)

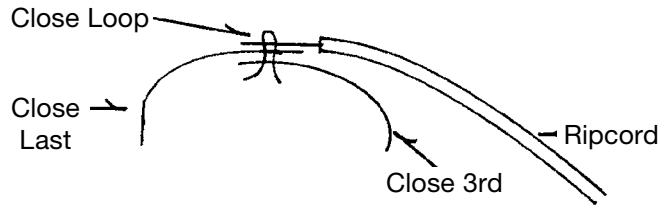


Figure 22



Figure 23

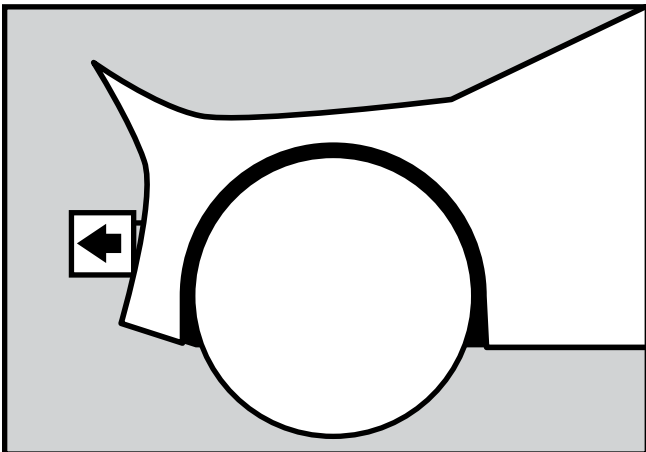
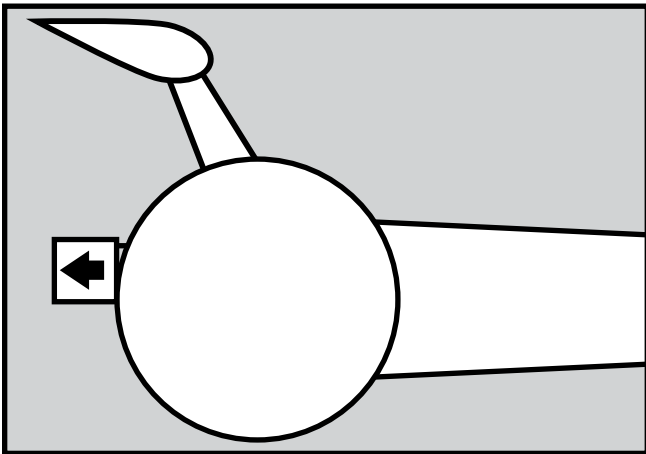
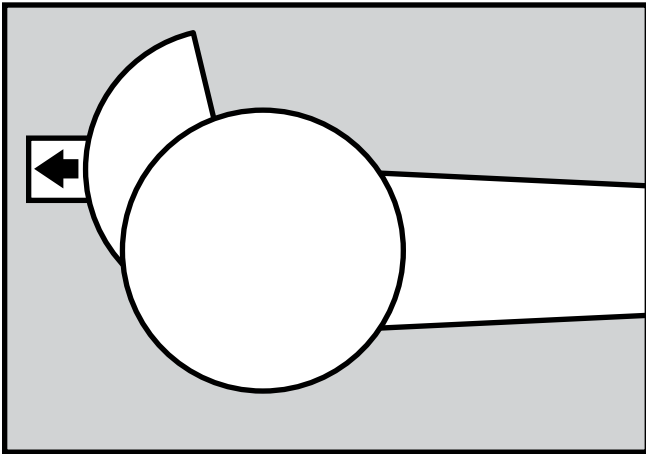
LAUNCHER PACKING

Never let your ripcord get burrs on the end. This will grab the closing loop, preventing the deployment sequence from beginning. All of this may sound complicated, but after you have done it once, you can pack this system in under 3 minutes, never letting it touch the ground and never having to powder it (This NEVER helps ANY canopy). Again, this system was designed from the beginning to be the most efficient system on the market, now or ever. Stroud Safety knows you will be pleased. If you have any questions or comments, call us. That's why we are here.

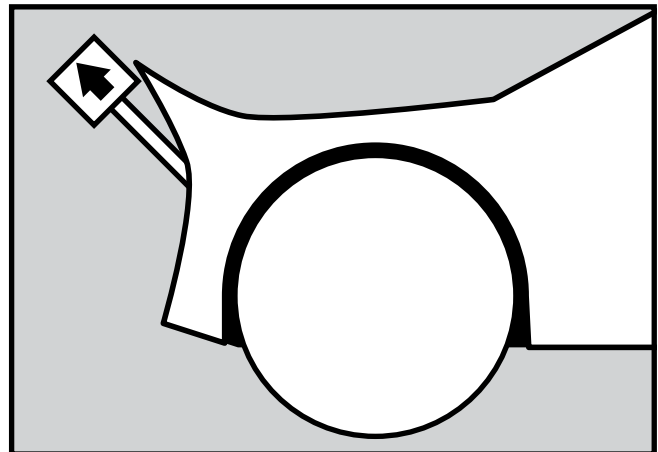
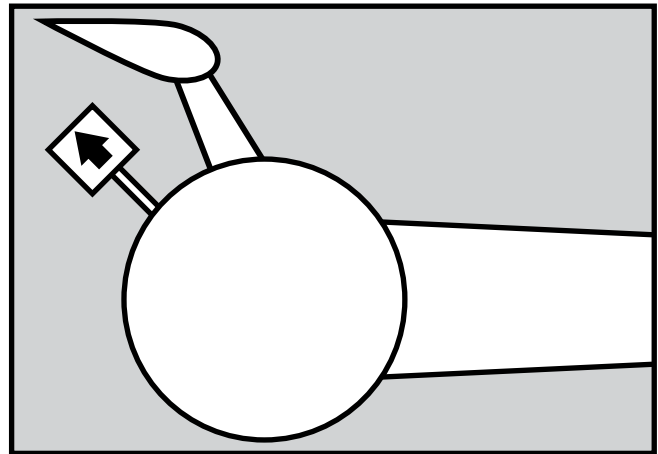
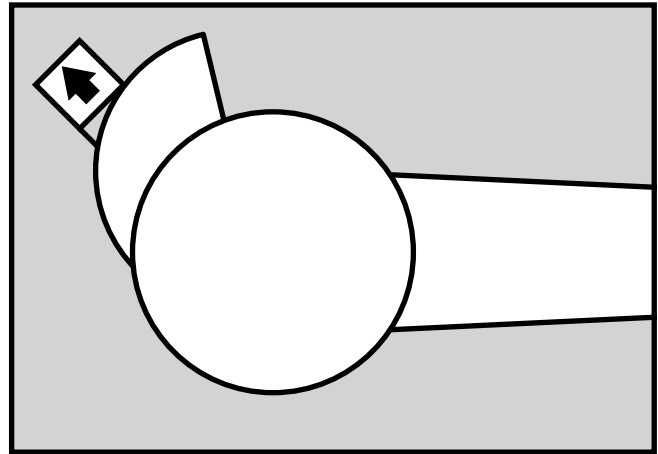
MOUNTING YOUR STROUD DRAG CHUTE CONTAINER TO YOUR VEHICLE

There are several ways to mount your container to your race vehicle, most of them are wrong. What is shown below are several ways that do work. Remember the first rule in drag chute deployment—Get the pilot chute into clear air. Remember that the pilot chute is nothing more than an anchor. To work properly, it must grab hold of something solid.

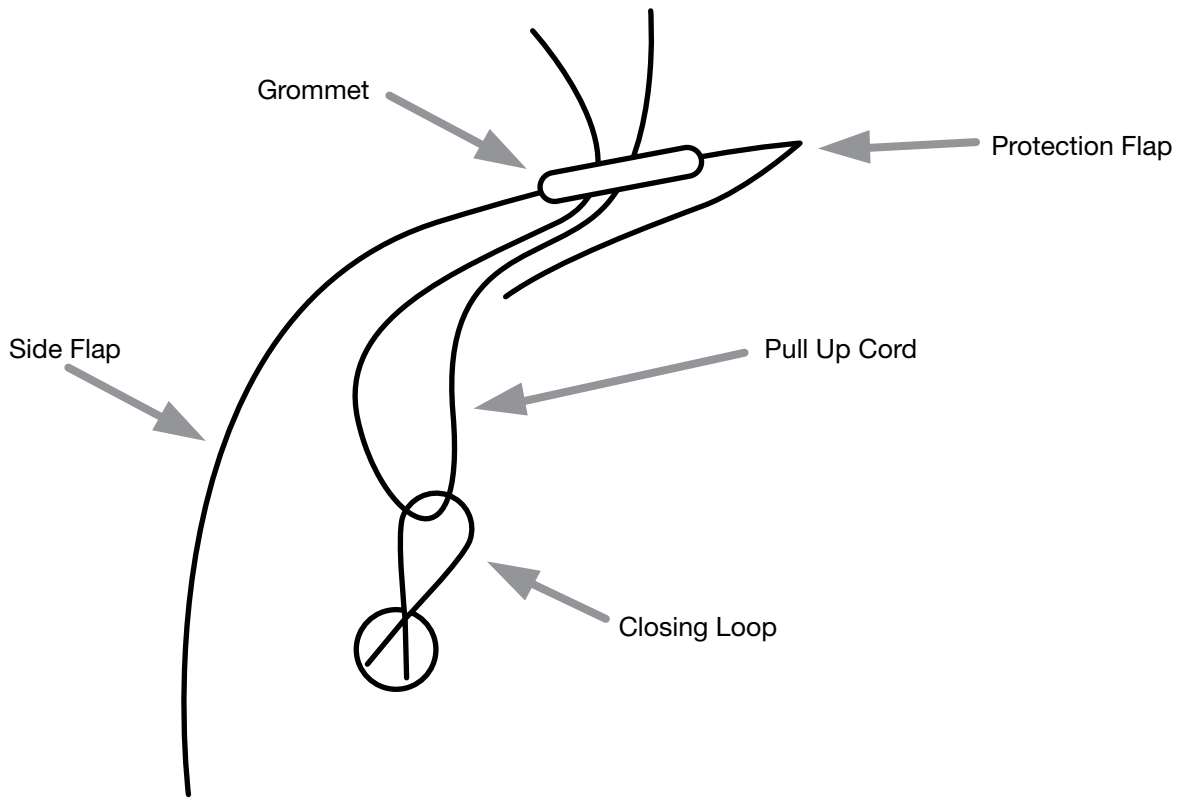
WRONG!



RIGHT!



To install your closing loop, simply remove the old loop, put the pull up cord thru the loop and insert both ends of the pull up cord under the protection flap and thru the grommet. Then pull the loop thru the grommet and you are set.



PACKING A STROUD CHUTE FOR THE SPRING OR AIR LAUNCHERS

- 1.** Wind up the spring (spring launcher) and secure it with the safety rod or let the air out of the plunger and push the plunger down into the pack for an air launcher. (Figure 24)
- 2.** Pack the chute into the launcher deployment bag just as in the chute packing instructions. (Figures 1 through 18)



Figure 24

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- 3.** Pull the outside flaps of the launcher deployment bag (black flaps) down against the white canvas bag (Figure 25)



Figure 25

4. Place the launcher deployment bag on its side against the bottom of the pack, that is the aluminum side! (Figure 26)



Figure 26

5. Close the pack as per Figure 27 & 28 (without the pilot chute)
6. Activate the launcher, either spring or air, prior to using it. For the spring launcher, remove the long safety rod; for the air launcher, activate the air switch to let air into the air cylinder.
7. To use the system, simply pull the ripcord handle by the driver. This opens the pack and lets the chutes deploy.



Figure 27



Figure 28



STROUD

***THANKS AGAIN FOR YOUR
SELECTION OF STROUD
DRAG CHUTES!***

You have made a very smart investment in your safety. Always remember, if you have any questions, call us. It is what we are here for.

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