

# User Manual

**NEILPRYDE**

## WARNING

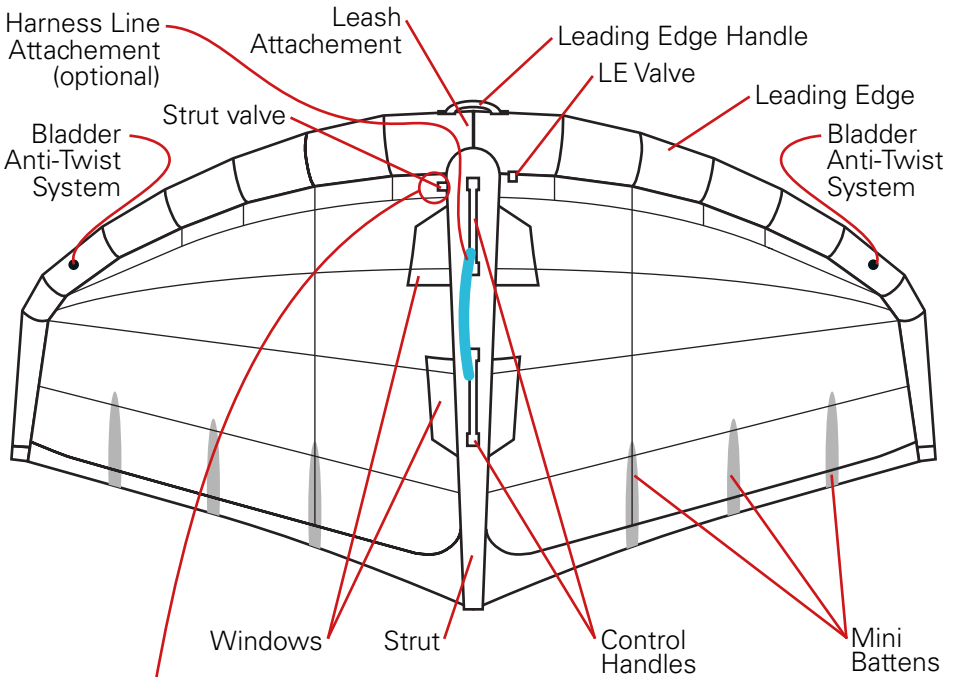
DO NOT USE THIS PRODUCT UNLESS YOU HAVE READ AND UNDERSTAND THESE WARNINGS AND INSTRUCTIONS WHICH ARE FOR YOUR SAFETY AND PROTECTION. THIS INFORMATION MAY BE SUBJECT TO CHANGE AT ANY TIME.

PLEASE VISIT OUR WEBSITE AT: [WWW.NEILPRYDE.COM](http://WWW.NEILPRYDE.COM) FOR CURRENT UPDATES.

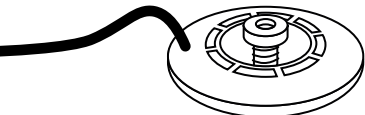
IF YOU ARE BELOW THE AGE OF 18, YOU SHOULD HAVE YOUR PARENT OR GUARDIAN READ THESE WARNINGS AND INSTRUCTIONS AND SHOULD NOT USE THIS PRODUCT UNLESS YOU ARE UNDER THE PROPER GUIDANCE AND SUPERVISION OF SUCH A PERSON.

The use of this product exposes the user to many unavoidable and unexpected risks, dangers and hazards. The suppliers of this product are not responsible for any damage to property or any personal injury caused by any active negligence of the suppliers or by any use, misuse, abuse or irresponsible use of this product by the user.

# Overview



Make sure to attach the twist pump adapter (in blue) to correctly inflate the wing



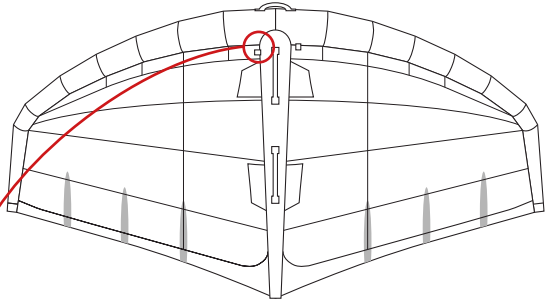
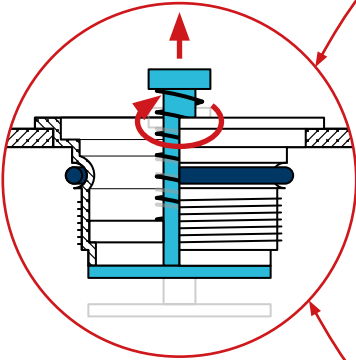
## Recommended Inflation pressure

Model	LE inflation pressure (PSI)	Strut inflation pressure (PSI)
<i>FLY 1.4</i>	10.0	10.0
<i>FLY 1.8</i>	10.0	10.0
<i>FLY 2.1</i>	9.5	9.5
<i>FLY 2.5</i>	9.5	9.5
<i>FLY 2.9</i>	9.0	9.0
<i>FLY 3.3</i>	9.0	9.0
<i>FLY 3.6</i>	9.0	9.0
<i>FLY 4.0</i>	8.5	8.5
<i>FLY 4.3</i>	8.5	8.5
<i>FLY 4.7</i>	8.5	8.5
<i>FLY 5.0</i>	8.0	8.5
<i>FLY 5.4</i>	8.0	8.5
<i>FLY 5.7</i>	7.5	8.0
<i>FLY 6.0</i>	7.5	8.0

# Instructions to inflate your wing

## Strut valve

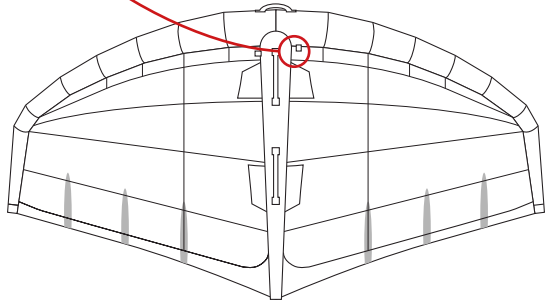
Always pump the Strut first, before than the Leading Edge valve.



**1** - Make sure that the valve is correctly positioned, by twisting it and pulling it up. Connect the pump to the valve to open it

**2** - Pump the strut accordingly the pressure values specified for each model (see page 4)

## Leading edge valve



**3** - Make sure that the valve is correctly positioned, by twisting it and pulling it up. Connect the pump to the valve to open it

**4** - Pump the leading edge accordingly the pressure values specified for each model (see page 4)

Any use of an air compressor may result in poor performance or damage to the wing, and automatically avoids all warranties. If you leave your wing exposed to the hot sun, check the pressure and deflate it slightly. Otherwise the wing may become over inflated and stretch the material. The ambient temperature affects the tube's internal pressure: a variation of 1° C/ 1.8° F causes a variation of the pressure in the tube of +/- 0.06psi (4 mBar).

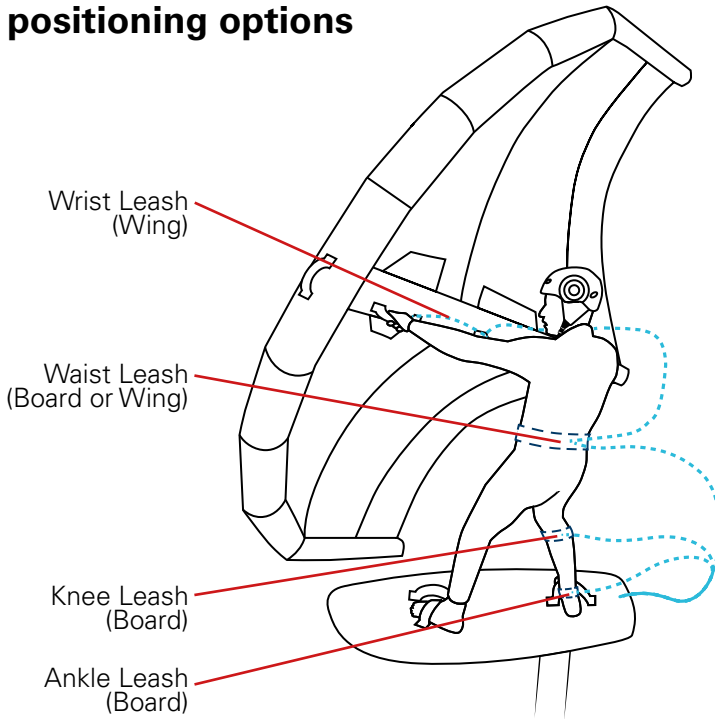
## Tips for a safe use

### RECOMMENDED WING FOIL PRACTICE

- Wing foiling is a HAZARDOUS activity and the use of this equipment involves the risk of serious personal injury to any part of the user's body or death.
- Injuries are an INHERENT RISK of wing foiling and the participation in this sport implies the user's express assumption of those risks.
- Do NOT use the wing out of the wind ranges that they were specified for. Always check the weather forecast to ensure that the wind range is appropriate.
- Do NOT exceed the recommended pressure indicated for each part of the wing and do NOT leave the wing in the sun when not in use.
- Injuries are an INHERENT RISK of foiling and the participation in foiling implies the user's acceptance of those risks.
- Wear a helmet when appropriate.
- Children should always be under adult supervision.
- It is strongly recommended that beginners take lessons from a licensed or certified instructor.
- Always inspect your equipment for signs of wear and tear each time before riding.
- If any products are found to show signs of wear and tear these should be repaired or replaced immediately and before further use. If in doubt about any signs of wear and tear, please contact your local NeilPryde ONE-DESIGN vendor. Contact details are available from [www.neilpryde.com](http://www.neilpryde.com).
- Make sure that your wing is connected with a leash to your body (wrist or waist) when in use.
- NEVER place yourself in a situation where breakage of any one of the various components would pose a risk to yourself or others, or make it impossible to return to the shore safely and unassisted.
- Take time to study the conditions including sea state, tides, currents and weather forecasts before you decide to go sailing. Beware of sailing in offshore winds.
- Familiarize yourself with any new location before venturing onto the water. Ask the locals to tell you about any hazards.
- Watch out for other beach users, especially swimmers, divers and small children. Make sure you keep your board and wing under control at all times and that they don't get blown about on the beach or in the water.
- Always use appropriate safety and floatation devices. Wear the correct protective clothing for the conditions such as a wetsuit or a UV top. Cold water and cold weather can result in hypothermia. Always carry identification.
- Make sure someone knows where you've gone & when you are expected back – never sail alone.
- Be aware of the conditions as they change. Always return to the beach if there is a significant change in the conditions, i.e. wind dropping or wind and waves increasing.

- As you learn the sport, work within your own limitations and do not exceed them.
- Make sure to stay hydrated. This is a physically demanding sport and dehydration can also occur in cold temperatures.
- Do not alter, modify or change this product.
- This product is designed and manufactured exclusively for wing foiling on water.
- Do not operate the wing under the influence of drugs or alcohol.
- Keep these instructions for future reference.

## Leash positioning options

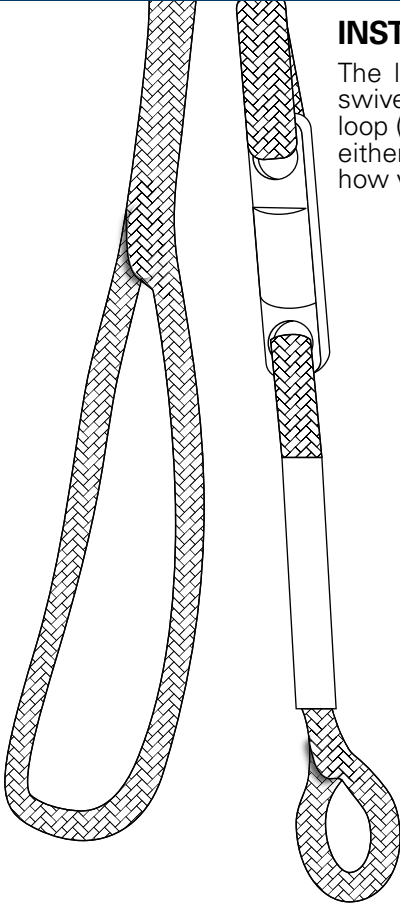


## Wing-size-weight recommendation

Wind (kn)		Rider's Weight (kg)							
Min	Max	< 40	40-50	50-60	60-70	70-78	78-85	85-95	> 95
30	40+	1.4	1.4	1.4	1.8	1.8	2.2	2.5	2.9
25	35	1.4	1.8	1.8	1.8	2.2	2.5	2.9	3.6
20	30	1.8	1.8	2.2	2.5	2.9	3.3	3.6	4.3
16	25	2.2	2.5	3.9	3.3	3.6	4.0	4.3	5.0
12	20	2.9	3.3	3.6	4.0	4.3	4.7	5.0	6.0
8	15	3.6	4.0	4.3	4.7/5.0	5.0/5.4	5.4/5.7	6.0	6.0*

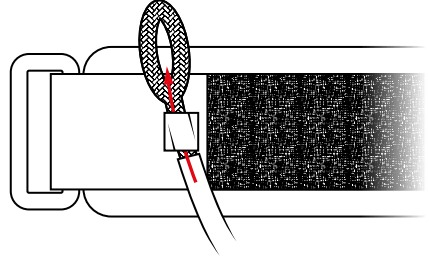
\*Min 10-12 knots

# How to attach the leash

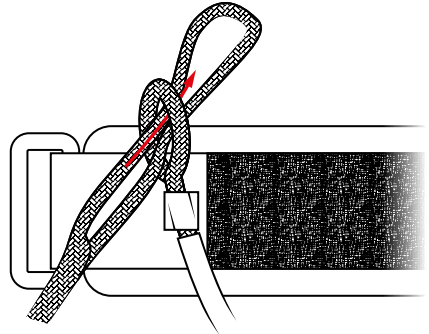


## INSTRUCTIONS

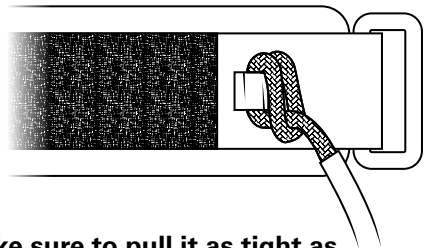
The leash has one side with a short loop plus the swivel (on the left), and the other side with a bigger loop (on the left). The short loop needs to be attached either to the wrist cuff or the waist belt, depending how you like to use your leash.



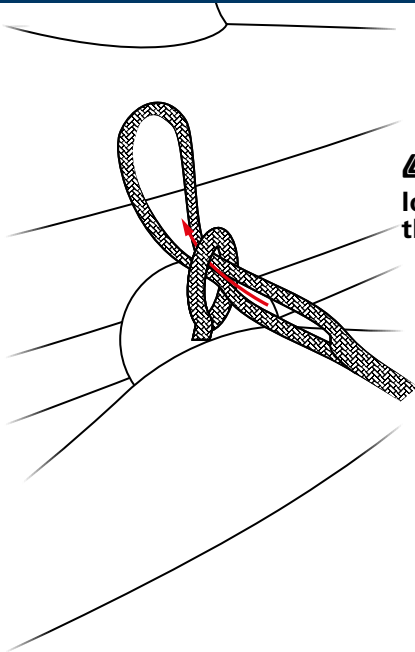
**1** - Push the shorter loop through the attachment point of the wrist cuff or waste belt



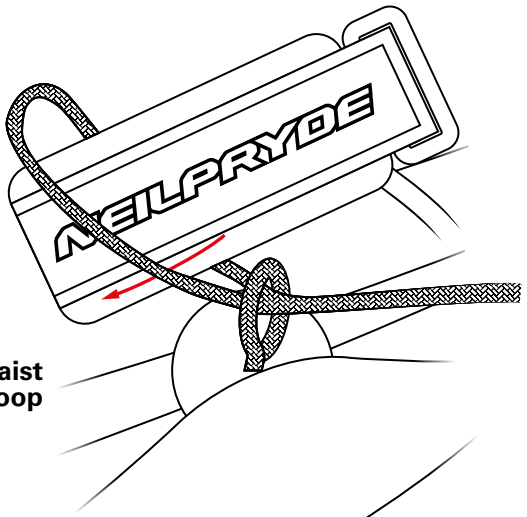
**2** - Push the bigger loop through the short loop until the leash is tight



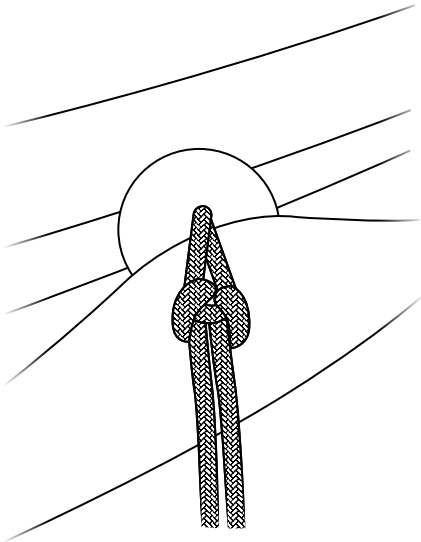
**3** - Make sure to pull it as tight as possible, making a node



**4** - On the other side, push the bigger loop through the attachment point of the wing



**5** - Push the wrist band or waist belt through the loop

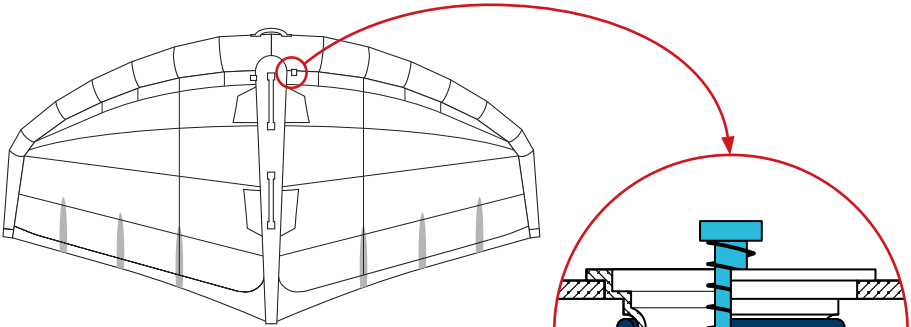


**6** - Make sure to pull it as tight as possible, making a node

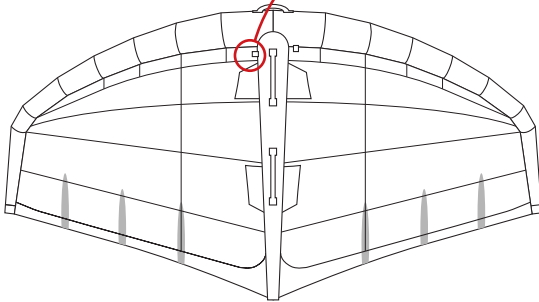


# Instructions to deflate your wing

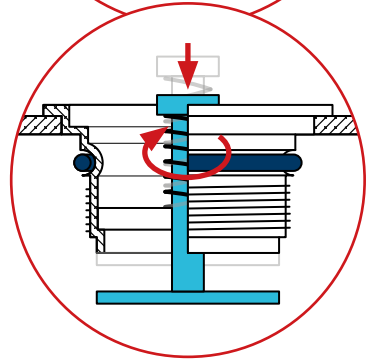
**1** - After using the wing, whenever possible, rinse it with fresh water



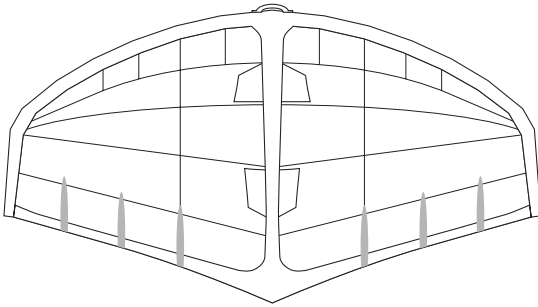
**2** - Find the LE valve, push its pin down and twist it. The air will start flow to the outside



**3** - Find the strut valve, push its pin down and twist it, the same way it was done for the LE valve

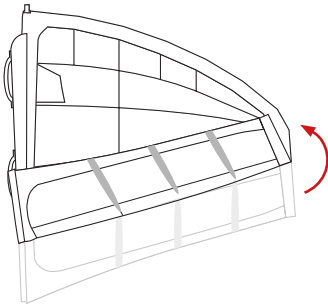
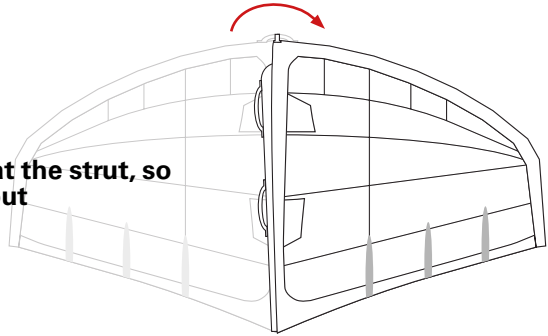


# Instructions to fold your wing



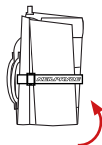
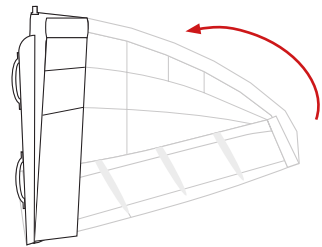
**1** - Flip the wing over, so the handles are down

**2** - Fold the wing in half at the strut, so the handles are sticking out



**3** - Fold both trailing edges forward - position the crease line just after the mini battens end

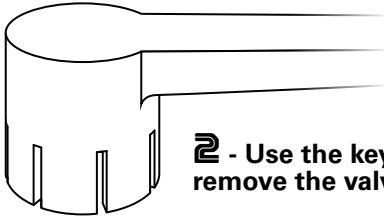
**4** - Roll from wingtips to center strut



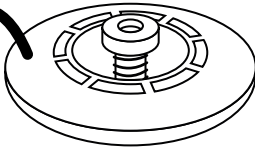
**5** - Fold it in half between the handles to make it compact. Use the waist leash belt or wrist leash to secure it

# Repair instructions - removing the valve

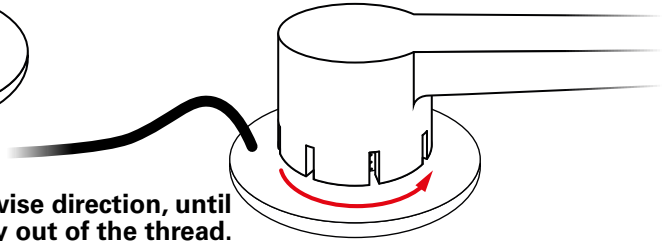
**1** - Make sure that the wing is rinsed, dry and deflated before starting the repair.



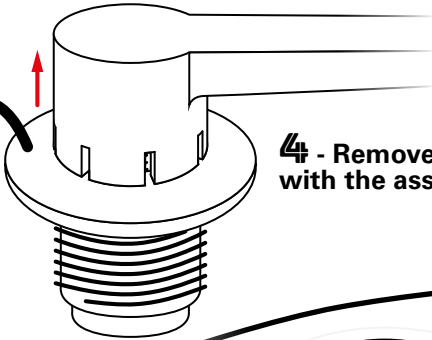
**2** - Use the key provided in the repair kit to remove the valve.



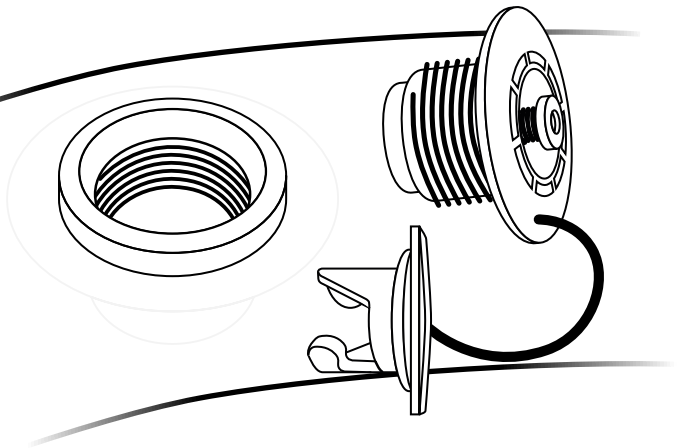
**3** - Turn the key anti-clockwise direction, until the valve is completely out of the thread.



**4** - Remove the valve by pulling it up, with the assistance of the key.



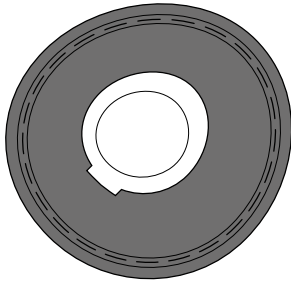
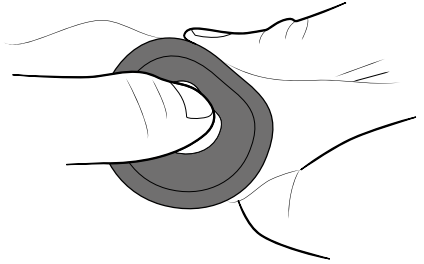
**5** - After removing the valve and the bladder anti-twist system (only LE), remove the bladder. Repair the bladder using the repair patches provided with the repair kit by glueing them over the hole. Insert the bladder and re-install the valve and the bladder anti-twist system (LE only).



# Repair instructions - Bladder anti-twist system

## REMOVING BLADDER ANTI-TWIST SYSTEM

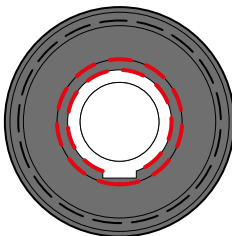
Press the inner clear plastic part through the black outside part (sewed on the LE) with your thumb. Do this on the left and right side of the LE.



## INSERTING BLADDER ANTI-TWIST SYSTEM

**1** - Position inner part right under the black part and align the little notch of both parts

**2** - Bend both parts slightly and press the inner part from underneath with your fingers thru the outside part.



**3** - Make sure that both parts completely overlap each other and that the bladder is not squeezed in between.

## Limited Warranty

NeilPryde warrants that this product, when it is purchased from an authorized NeilPryde vendor, will be free from defects in materials and workmanship for a period of 12 months from the date of purchase by the original customer. This warranty is solely for the benefit of the original customer and may not be assigned.

For customer Limited Warranty claims, proof of purchase from an authorized NeilPryde vendor is required. If the date of purchase cannot be established, NeilPryde will make a determination based upon on the last production year of the particular model, or on the condition of the equipment claimed.

If you have any questions about the NeilPryde Limited Warranty or procedures for making claims thereunder, please contact NeilPryde at [WWW.NEILPRYDE.COM](http://WWW.NEILPRYDE.COM). The NeilPryde Warranty Center will determine if a product is covered under this Limited Warranty. If covered, NeilPryde will, at NeilPryde's sole option, repair or replace the product in question. All warranty claims must be submitted directly on [www.neilpryde.com](http://www.neilpryde.com) NeilPryde team will process the request and communicate with the customer directly. Any repair or replacement of any product under this Limited Warranty is not available for ordinary wear and tear, including scratches or paint chipping, or for any damage caused by misuse, abuse, unauthorized modification or repairs, accident, heat, excessive exposure to sunlight, improper handling, storage, environments; use in reef waves, shorebreak or off the water; any blow or impact with a hard object or any other irresponsible use.

THE FOREGOING LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF QUALITY AND PERFORMANCE, WRITTEN, ORAL OR IMPLIED AND ALL OTHER WARRANTIES, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NEILPRYDE BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL, STATUTORY OR EXEMPLARY DAMAGES, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE including, without limitation, loss to property other than this product, loss of use of said product, or other property or other economic losses. NeilPryde shall not be liable for contribution or indemnification, whatever the cause.

Some jurisdictions do not allow limitations on how long an implied warranty lasts and/or the exclusion or limitation of incidental or consequential damages, so the above limitation and exclusion may not apply to particular customers. NeilPryde's obligations under any warranty shall be limited, to the greatest extent allowed by law, as provided in this NeilPryde Limited Warranty. This Limited Warranty gives you specific legal rights; you may also have other rights, which vary from one jurisdiction to another.

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