HYPERFLY

Replacing the Safety Lock of the Hyperbar

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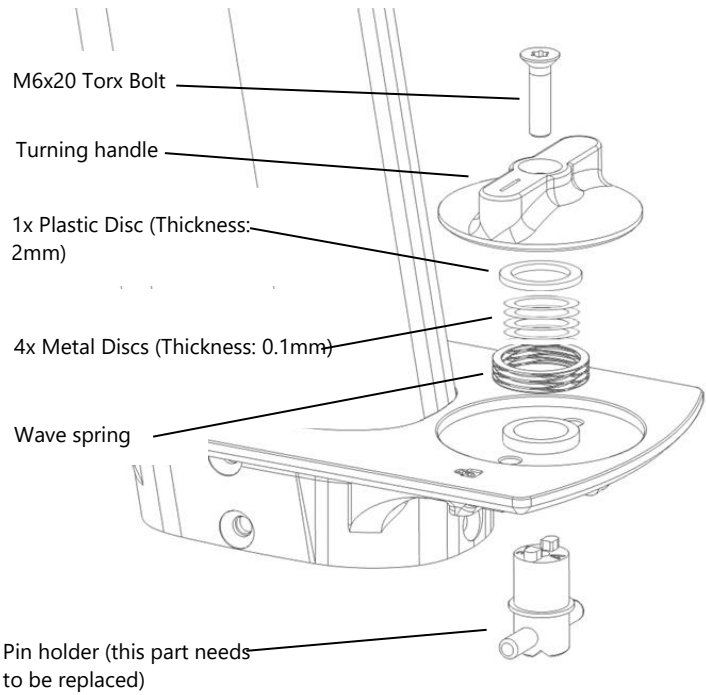
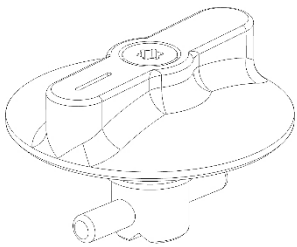
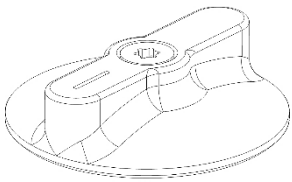
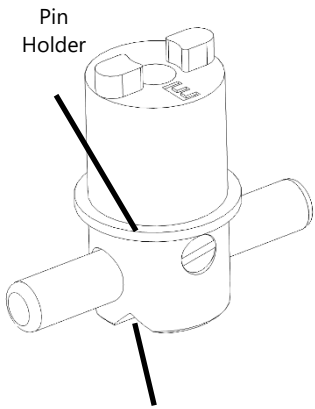
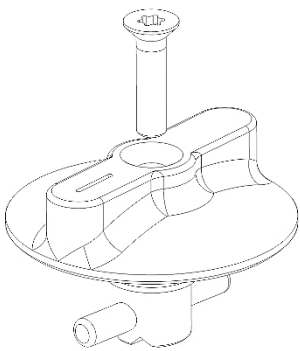
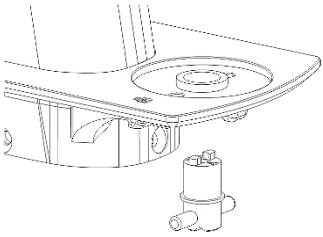
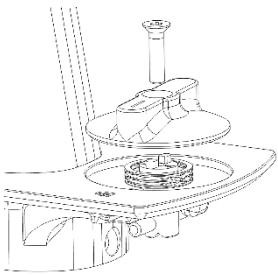
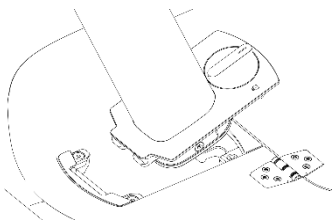
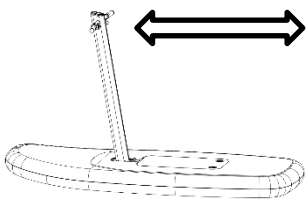
Replacing the Safety Lock of the Handlebar (Hyperbar)

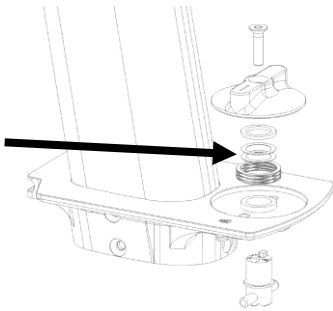
To protect the rider and material in the event of a strong impact, the handlebars have a predetermined breaking point that releases forward in a controlled manner when high force is applied. This safety feature has been designed to activate only when the handlebars are under heavy load, so as not to interfere with normal riding situations.
If the predetermined breaking point is triggered, the "Pin Holder" must be replaced.

Construction:



	The Hypertwister consists of two components, which can be disassembled by loosening the central screw.
	Part 1: Twist Grip The Twist Grip can be used again
	Part 2: The Pin Holder with predetermined breaking point In the event of an overload, the Pin Holder breaks at the designated predetermined breaking points, causing the Hyperbar to fold forward. This Pin Holder must then be replaced. For this you need the spare parts package **200.730.010.000**
	Loosen the M6x20 screw with the T-wrench from the Aerofoils toolbox. Make sure that the discs and the wave spring, as shown in the exploded image, are not lost. Note: Depending on the factory setting, there may be several metal discs (thickness 0.1mm) under the twist handle. These

	are used to adjust the clamping force.
	Now slide the new Pin Holder through the hole of the baseplate from below. Now you can mount the wave springs and the discs in the correct order (see exploded view).
	Hold both parts of the Hypertwister together and screw them together. Make sure that the two lugs of the Pin Holder are aligned with the twist grip. The line on the twist handle points to the lock symbol.
	Now mount the Hyperbar and turn the Hypertwister to the closed position. The Hypertwister should be rotated with a noticeable resistance.
	Test that the Hyperbar is firmly seated in the anchorage by moving the handlebar bar back and forth.



Adjustment of the clamping force

If the Hypertwister is too difficult to turn or the handlebar is not tight enough, you can vary the number of metal discs:

➔ If the Hypertwister is too stiff: Remove a metal disc.

➔ If the handlebar is not stable enough: add a metal disc.

Checking the setting:

Remount the Hyperbar and rotate the Hypertwister to the closed position.

If the desired setting is not yet reached, repeat the process by removing or adding another disc.

Note: The number of metal discs affects the balance between ease of use and secure grip. Adjust the setting according to your needs.