

Manual

Tow Release „Easy Quick“

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1. Manufacturer

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2. Technical Data

Type: single-stage, one-piece strap tow release for paragliders
with integrated tow adaptor and exchangeable fixing rope

Activation: sliding sleeve (clamping sleeve)

Max. towing capacity: 2000 N

Appropriating predetermined breaking point: 1500N - 2000N

Net weight: approximately 82g

3. Group of Persons

This manual is written for trained paraglider pilots! Pilots who are in training have to be briefed about the use of the tow release by an experienced instructor.

4. Fastening at the harness

4.1. Fastening at the carabiners of the harness

For security reasons the “Easy Quick” towing device can only be fixed on the harness in one manner.

For this, both of the loops of the half of the pawl are put over the carrying straps (left carrying strap is shown) and are connected to the carbine of the main loop (see Illustration 4.1).

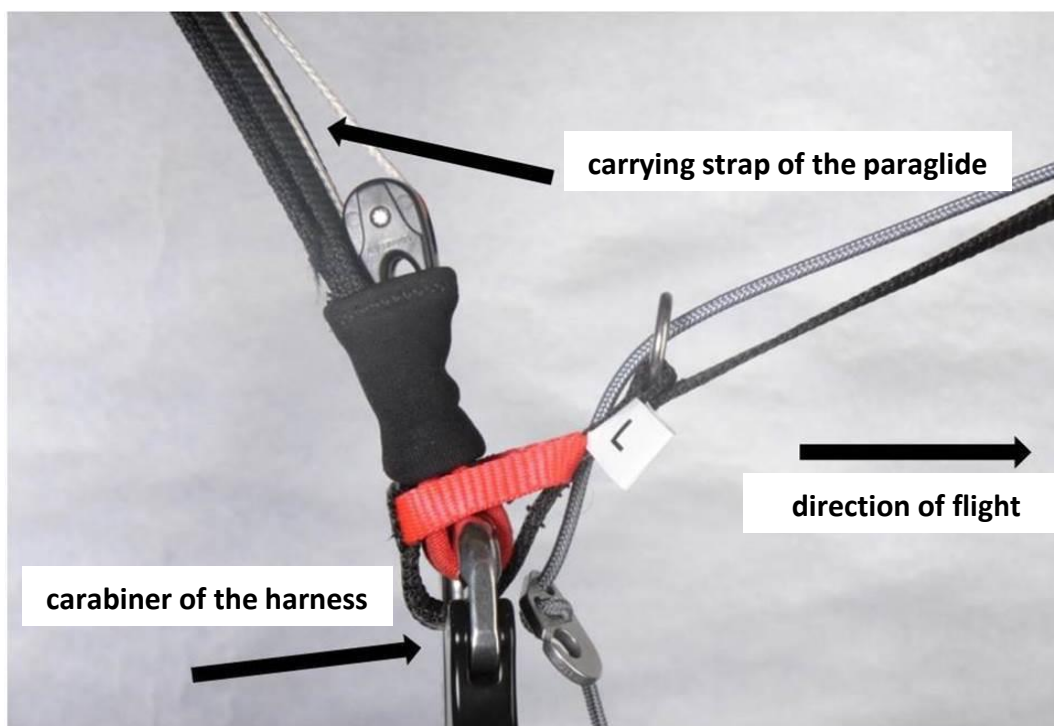


Illustration 4.1: Detail view of the mounting at the left carbine of the harness (without mounting of the accelerator)

The following points should be observed:

The tow release must not be hung the wrong way around. The carrying straps of the tow release are highlighted in color to avoid a wrong mounting (see illustration 4.2).

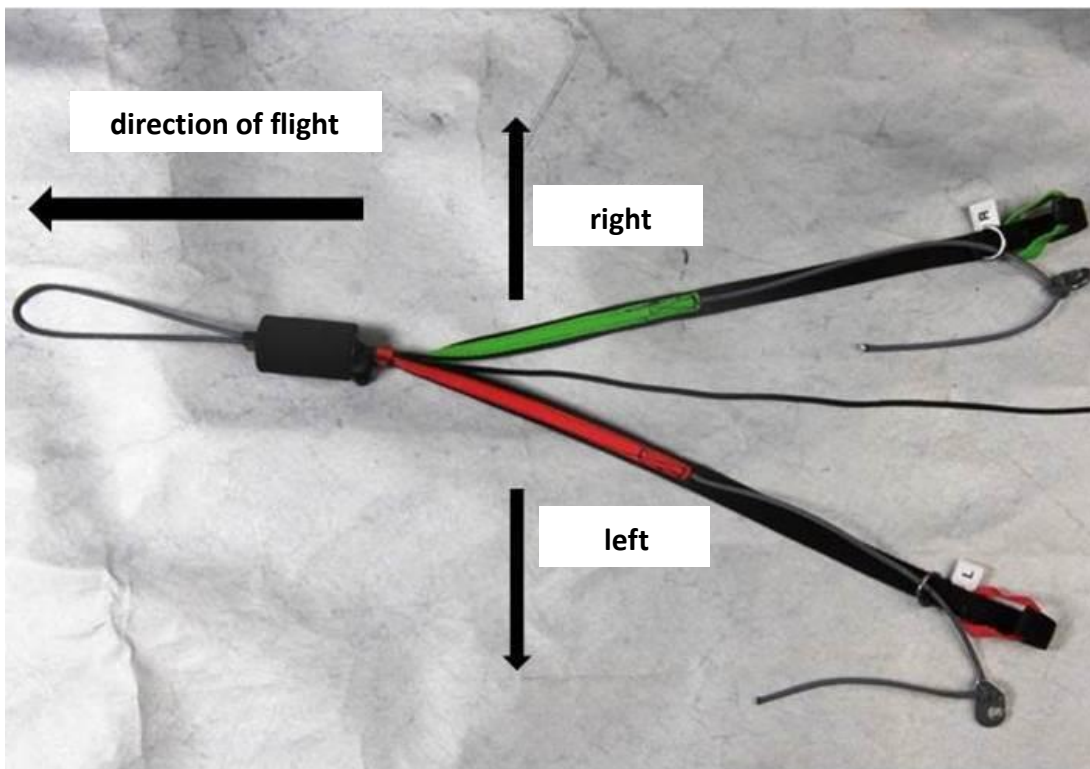


Illustration 4.2: Color highlighting of the towing device (top view)

The following standard rule is valid:

Right side = green marking
Left side = red marking

The twisted hung up towing device can possibly set off complicated or even not at all. Therefore you have to check the proper functioning of the tow release after every hung up (release check at ground level)!

4.2 Mounting of the accelerator

After the fixing of the towing device at the main carabines the accelerators are hung via

Inglefield clip (see illustration 4.3).



Illustration 4.3: Mounting of the pre-accelerator

The pre-acceleration has to be adjusted for every single paraglide before first use. The fitting settings of the paraglide manufacturer have to be kept.

As a rough guideline, you can set 20-25% of the acceleration distance.

If the paraglide manufacturer does not recommend a pre-acceleration, you can waive the mounting of the Inglefield clip.

5. Mounting of the tow rope

The “Easy Quick” system can be connected very fast and easily to the tow rope.

By pulling back the clamping sleeve the hanging lug gets free. After having threaded the eyelet of the tow rope you have to put the end of the fixing rope of the tow release into the hanging lug. By pushing the steel sleeve forward the device is ready.

You can see the process of hanging up in illustration 5.1, 5.2, and 5.3.

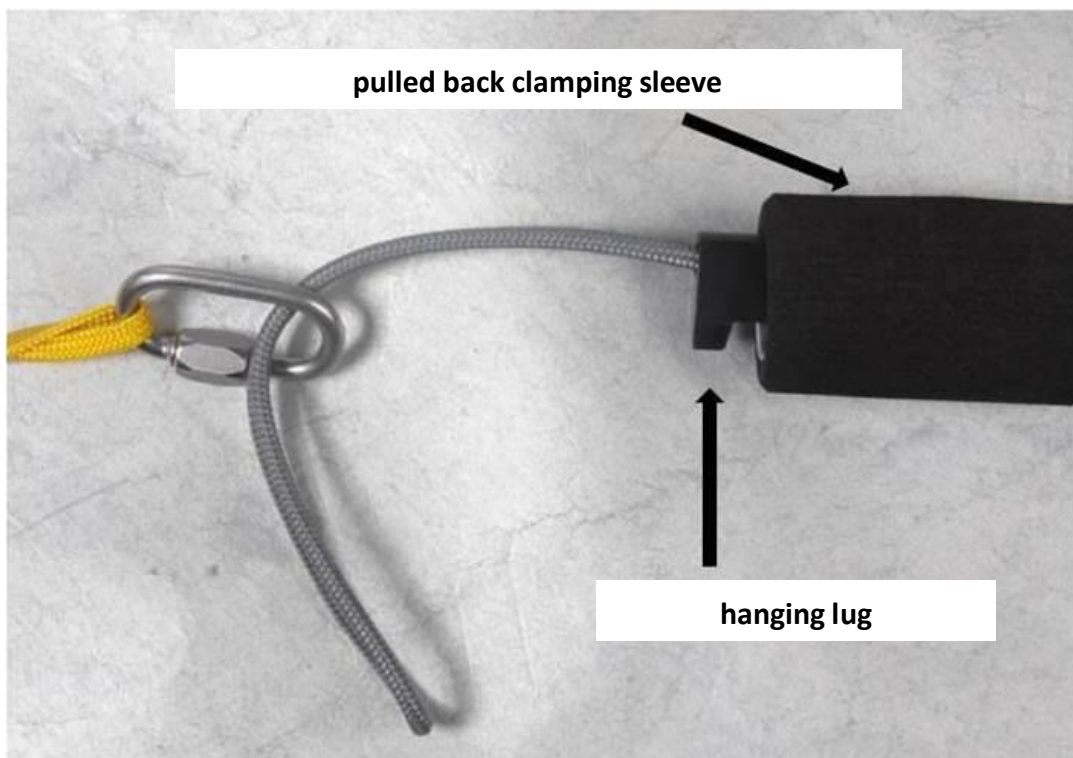


Illustration 5.1: Pulled back clamping sleeve



Illustration 5.2: Mounting of the fixing rope



Illustration 5.3: Tow release ready

6. Pre-flight check

The general pre-flight check has to be expanded by 4 points during the operation with a tow release:

1. Is the towing device fastened firmly and symmetrically to the harness?
2. Is the tow rope hung up and the tow release closed properly (starting check)?
3. Activation handle is accessible without any handicap
4. Check before first start, if the opening of the emergency parachute is possible at any time.

Caution! The operation of the tow release with a front container with an emergency parachute is not recommended, because it is possible that the linking line of the rescue device gets caught in the tow release during the activation of the rescuer!

7. Notching of the tow rope

The Easy Quick system is designed so that it can be released on load and even free of load. By it, only the clamping sleeve has to be pulled back into the direction of the pilot. So the fixing rope slides over the hanging lug and unblocks the tow rope (see chapter 5).

Note: To minimize the frictional forces at the hanging rope, it is recommended only to drag with a front rope which has a ring or a metal link. In case of eyelets for hanging the rope the wear at the pawl and at the rope increases.

8. Care and maintenance

The Easy Quick system is maintenance-free. Nevertheless you have to check periodically the following things, at the latest after 200 tows:

- Do the seams have any damages?
- Do the carrying straps and the fixing rope have any cracks or damages?
- Location of the clamping sleeve?

You should minimize mechanical stress at the straps and at the loops to raise the working life of the clamping sleeve. Particular attention must be taken to avoid dirt in the movement area of the clamping sleeve, because otherwise wear can be expected.

You can only clean it with tepid water. Aggressive cleansing agents must not be used at any time

Verification: For the tow release there is no obligation for retesting. Disposal: The straps and metal parts are for recycling.

9. Safety instructions and liability

In general, you have to respect and keep all the regulations and safety precautions which are valid for the towing.

It is recommended to wear an integral helmet and to fix the elastic rope at the harness under tension. In case of a crack of the rope the tow release will be pulled down.

The use of the Easy Quick tow release is at your own risk. The manufacturer refuses any liability for direct or indirect damages including consequential damages which can be created by using the tow release.

