

Manual

Towline Release „Easy Quick T“



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1. Manufacturer

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2. Technical Data

Type: single-stage, two-part quick release for paragliders with integrated towing adaptor

Activation: sliding sleeve (clamping sleeve)

Max. towing capacity: 2000 N

For use with a safety break link capacity of: 1500 N – 2000 N

Net weight: approximately 80 g

3. Scope

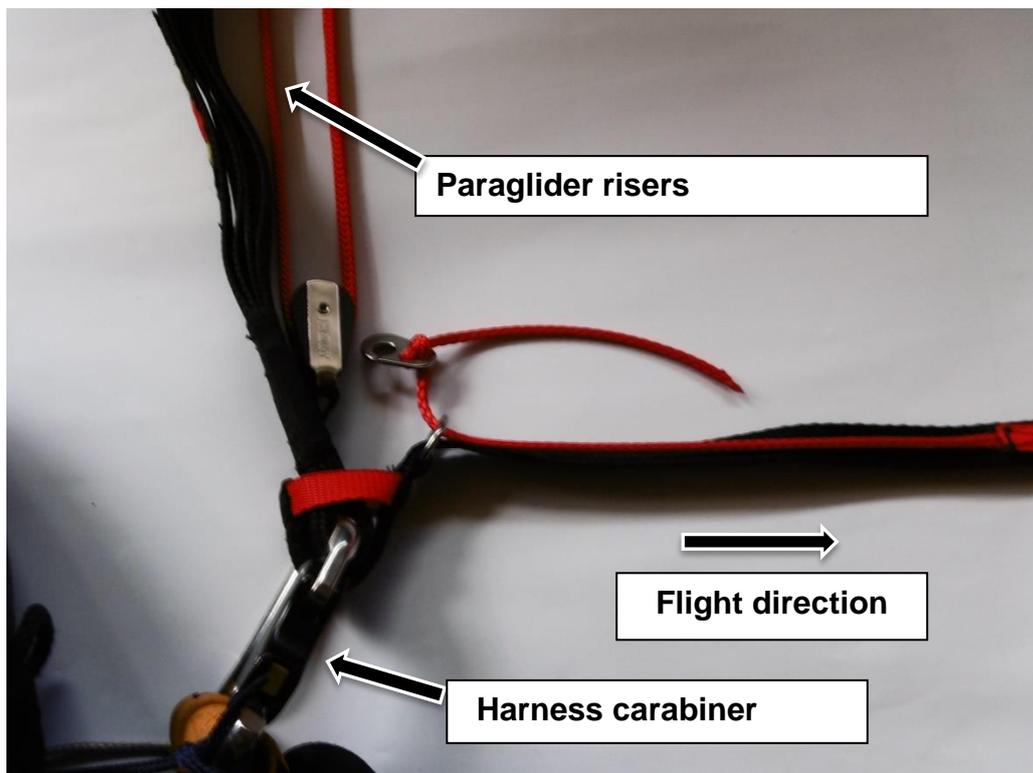
This manual is written for trained paraglider pilots! Pilots who are in training have to be briefed about the use of the towing release by an experienced instructor.

4. Harness attachment

4.1. Attaching the Easy Quick to the harness carabiners.

For security reasons, the “Easy Quick T” towline release device can only be attached to the harness in the manner described in this document.

Therefore, the loop of each Easy Quick strap, left and right, are wrapped around the outside of the main riser loop (left main riser loop shown in illustration 4.1) and connected to the carabiner. Depending on the design of the carabiner and the main riser, it may be necessary to remove the main riser from the carabiner, wrap the Easy Quick strap around the main riser loop and then fit the main riser and Easy Quick assembly back on the carabiner.



*Illustration 4.1: Attachment to the harness left hand carabiner
(without attachment of the pre-accelerator)*

The following points should be observed:

The towline release must be fitted as described, otherwise the pre-accelerator lines will become fouled. To ensure a correct attachment of the Easy Quick towline release straps are colour coded. Green (starboard) right hand and red (port) left hand when viewed from the pilots flight ready position. (see illustration 4.2).

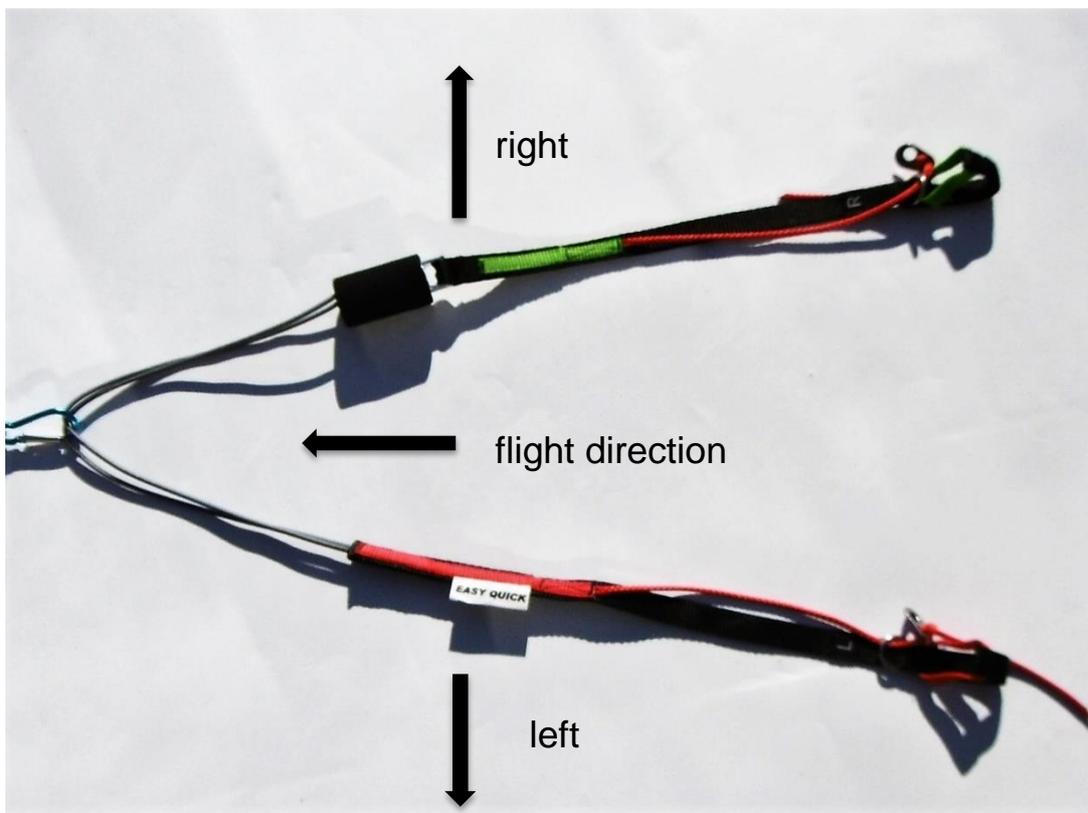


Illustration 4.2: Easy Quick colour code (top view)

The following colour code is used:

Right side	=	green marking
Left side	=	red marking

If the Easy Quick towline release device is twisted or attached incorrectly, this could lead to a dangerous situation and attendant difficulty to release the towline under load, therefore you have to check the proper functioning of the Easy Quick towline release as part of a pre-flight check (release check at ground level)!

4.2 Pre-accelerator attachment

After attachment of the Easy Quick towline release device to the main carabiners, the pre-accelerator lines are attached to the Inglefield clips (see illustration 4.3).



Illustration 4.3: Pre-accelerator attachment

The pre-acceleration has to be adjusted for each flight before first use.

The fitting settings of the paraglide manufacturer have to be kept.

As a rough guideline, set between 20-25% of the accelerator movement when under tension.

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

5. Towline attachment

The “Easy Quick T” system can be connected quickly and easily to the towline.

By pulling back the locking sleeve the attachment lug is exposed. After threading the Easy Quick towline release line through the towline end fitting, hang the release line loop over the lug. By pushing the locking sleeve forward, the device is closed and ready for use. The process of attachment is shown in illustration 5.1, 5.2, and 5.3.

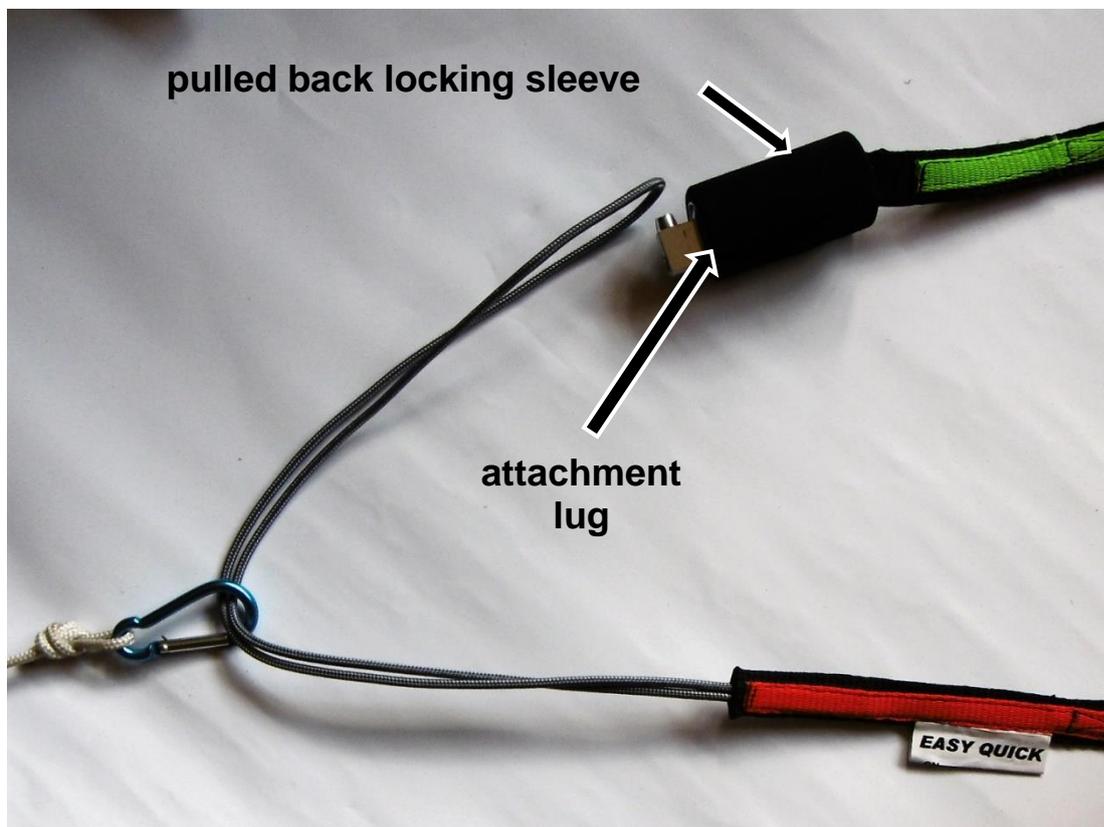


Illustration 5.1: Pulled back locking sleeve



Illustration 5.2: Release line attachment

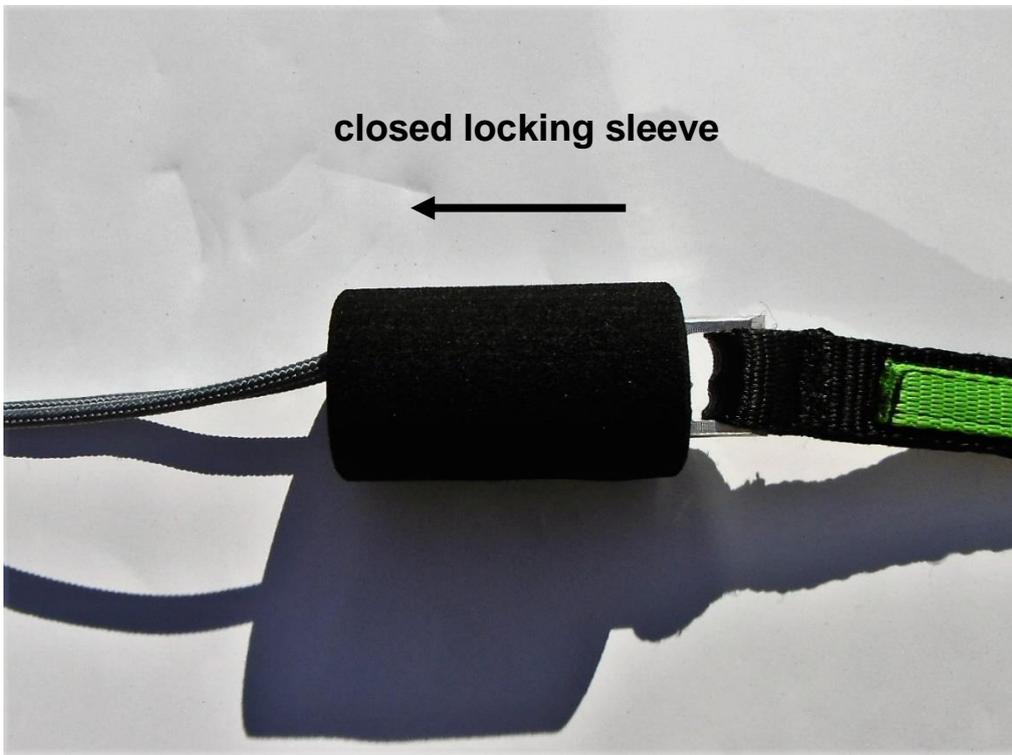


Illustration 5.3: Easy Quick release closed

6. Pre-flight check

When operating with a towline release, the general pre-flight check must be expanded by 3 points:

1. Is the towing device firmly fastened and symmetrical in relation to the paraglider harness and the direction of the tow.?
2. Is the towline attached and the towline release closed properly (pre-flight check)?
3. Easy Quick locking sleeve is accessible without any obstruction.

7. Towline release.

The “Easy Quick T” system is designed in such a way that it can be released on or off load. To do so, the locking sleeve must be pulled back towards the pilot. The Easy Quick towline release loop clears the lug and releases the towline (see chapter 5).



Note: In order to keep the frictional forces low on the Easy Quick towline release, it is recommended to tow only with a leader line that is equipped with a ring or metal link. With fibre suspension loops, wear and tear on the quick release line and towline is increased, resulting in premature failure.

8. Care and maintenance

The “Easy Quick T” system is maintenance-free. Nevertheless you have to check periodically the following things:

- **Is any of the stitching damaged?**
- **Do the release lines have any cracks or damages?**
- **Is the location of the clamping sleeve correct?**

To maintain the working life of the clamping sleeve you should minimize mechanical stress at the straps and at the loop. Particular attention must be paid to the avoidance of dirt in the clamping sleeve, otherwise wear is to be expected.

Clean only with tepid water – not more than 40deg C. Aggressive cleansing agents must not be used at any time

Re-verification: The Easy Quick towline release is not subject to mandatory re-verification.

Disposal: The straps and metal parts are recyclable.

9. Safety instructions and liability

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

It is recommended to wear a full-face helmet to be protected from the towline recoil in case of a towline break.

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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 could arise from using the towline release.

