FDS setup manual for the PULSE 2

Lay out your kite at a windless place with enough space to unwind your flying lines completely. Make sure that your front lines are not twisted. To untwist them, spin your chickenloop.

1. Remove the FLS

You have to remove the Front Line Safety (FLS) to avoid any conflict with two safety systems!

1.1 Remove the FLS-Endline by pulling it through the bar.
1.2 The FDS requires the 2 mm thicker 7/12 mm diameter ring at the end of the depower leader line to avoid the FDS-Weak Point Line getting stuck.

FLS-Ring 5/10 mm

FDS-Ring 7/12 mm

Therefore replace the smaller 5/10 mm ring with the 2mm wider one included in the FDS-Kit.

In order to replace the ring, you have to open the bowline knot at the trimmer. You have to use a bowline knot to reconnect the depower leader line to the trimmer. **Pull the knot really tight**! A short manual at the „support area" on flysurfer.com explains how to make a bowline knot.
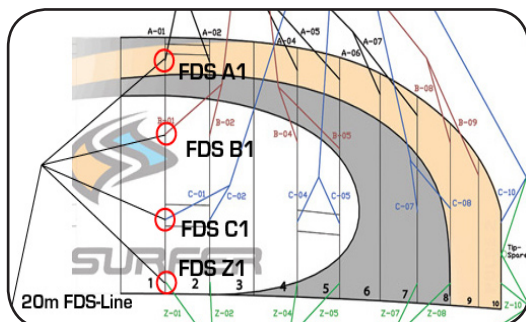
After changing the ring, you have to reconnect the front lines to the end of the depwoer leader line to the 7/12 mm ring.

2. Connect the FDS-Line to the kite

Take the white lines named FDS-A1, FDS-B1, FDS-C1 and FDS-Z1 and connect them directly to the attachment points marked in the picture to the right. Loop the other side of all 4 lines around one end of the 20m FDS-Line.
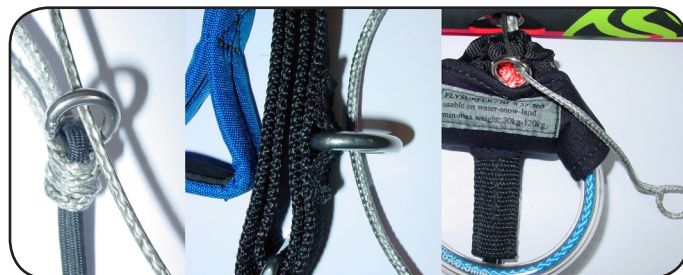

FDS A1
FDS B1
FDS C1
FDS Z1
20m FDS-Line

Then loop the small 5/10 mm ring you took out of the depower leader line (1.2) to the white 20m FDS-Line. This stopper will prevent the bar from travelling up more than necessary.
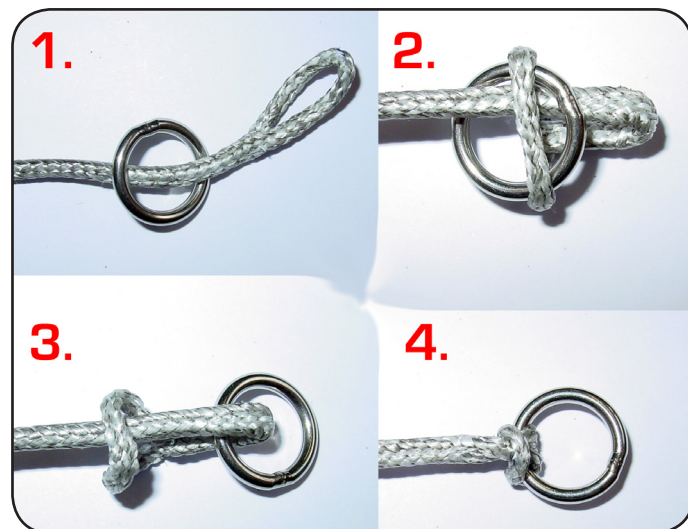

Afterwards loop the 20cm short FDS-Weakpoint-line to the FDS-Endline and then to the 5/10 mm ring.

To complete the FDS, just pull the thick grey FDS-Endline through the:

• 7/12 mm ring you attached to the depower leader line
• steel ring at the trimmer
• hole in the bar and the steel ring at the chicken-loop

Finally connect the biggest 13/18 steel ring to the end of the FDS-Endline.

1.   **2.**
3.   **4.**

Please check the whole setup for correct funktiom in light wind before you go out! Instruction videos and handling tips can be found online at flysurfer.com

Fly safe!!