

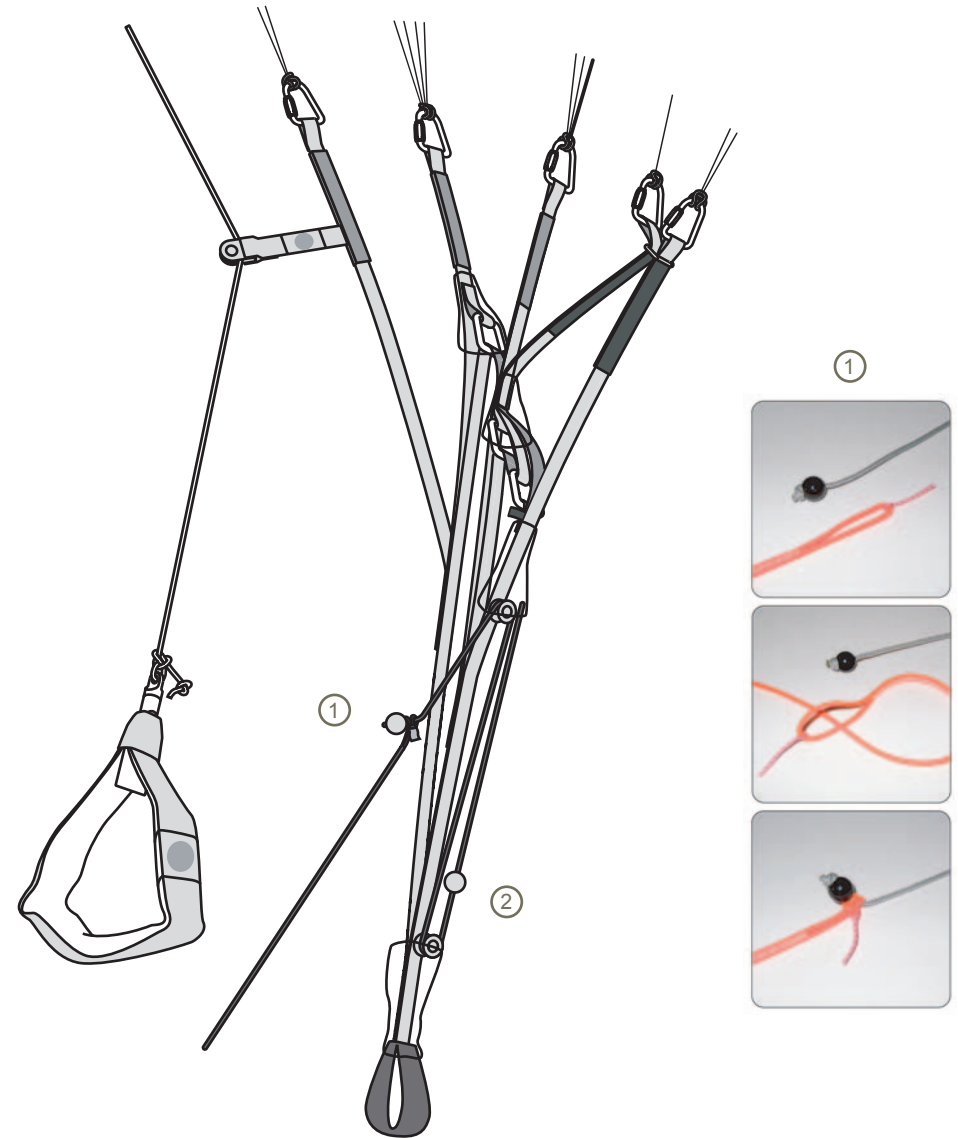
Speed system

The OMEGA 7 has a novel suspension system for the accelerator line. The line coming from the harness is looped over the riser, with the tightened loop being fixed by a ball (see ball 1 in the illustration). This provides pilots with an even greater acceleration distance.

After initial adjustment of the accelerator to leg length and to the harness, fine adjustment is carried out by individual configuration of the 2-phase speed system: moving the knot which locks the ball (see ball 2 in the illustration) enables the speed bar extension distance and pressure to be adjusted to both leg length and leg position.

Example: If the knot is moved downwards, the transition from triple to double transfer occurs earlier, increasing the pressure and shortening the leg extension distance. If, on the other hand, the knot is moved upwards, the double transfer acts later and the leg extension distance is increased. Optimum adjustment of the 2-phase system enables a smooth triple transfer with bent legs and an efficient double transfer with outstretched legs.

The OMEGA 7's speed system is designed in such a way that the profile shape in accelerated flight, that is to say with changed angle of attack, is fully maintained at all times. This means that the favourable profile characteristics remain effective at high speed. The separation of the outermost A-riser allows the acceleration to be fine-tuned, in order to increase the stability of the wing tip in accelerated flight.

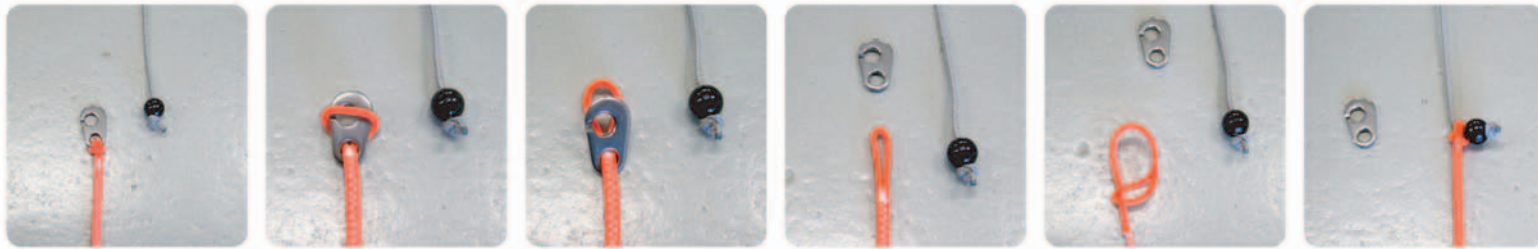


Setting up the standard speedline with quick link

Alternative 1 Fixing the loop with the quick link staying in place



Alternative 2 Fixing without the quick link



Alternative 3 Fixing with a knot

