



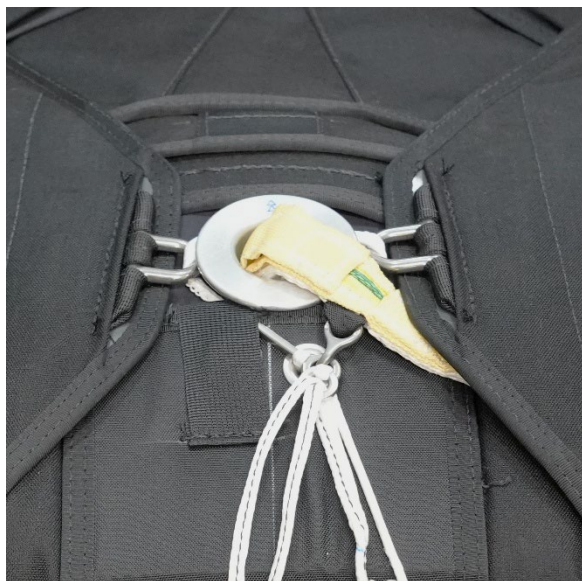
Sigma II Pulley Ripcord Operation

The new pulley style recoil release reduced pull force when compared to the standard system. It does so using a 2:1 mechanical advantage created by the movement of the pin on its anchor line in conjunction with the placement of the ripcord through the pulley ring.

This creates a reduced effort to move the straight pin from the closing loop when force is applied to the handle.

Reducing hard pulls or potentially hard pulls while maintaining pin tension is an important advantage to a system designed to carry 550 lbs. or above, especially when tandem instructors can often experience fatigue.

For the drogue and ripcord systems to function as designed, special care must be taken when packing the Sigma II main parachute. The closing of the main tray is identical to the original Sigma System. When placing the safety pin of the drogue, it must be inserted **ONLY** into the eyelet of the straight pin, not the pulley washer.



Insert the safety pin (attached to drogue bridle) through main pin eyelet into grommet. (Main pin should be inserted from the bottom of the container upwards. If it is inserted incorrectly, it can cause a hard pull – drogue in tow.) The curved part of the safety pin must be fully inserted to function correctly.



Tension placed on ripcord for emphasis only. Note the curved safety pin inserted in straight pin eyelet only. Once safety pin is seated, complete pack as demonstrated in the Sigma Owner's Manual.