

## Kite Systems for Advanced Fliers

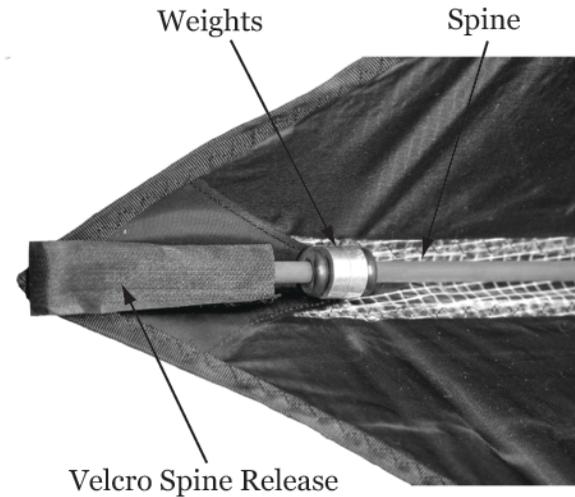
### Variable Balance Weight System

The Variable Balance Weight System or VBS is used for high end trick flying and to allow the kite to rotate forward and backward faster and easier. The weights are not needed for normal flying and can be removed to minimize weight in light wind conditions.

There are two 10 gram weights that are installed on the lower portion of the spine.

The VBS is a very useful tool for the experienced flier. The factory positions the weights at the base of the spine for optimum pitch trick performance. The balance of your sport kite can be adjusted for advanced tricking by simply sliding the weights and rubber retainers from the factory position to directly below the center T. This position is best for lighter winds and is the preferred balance for different skill levels of pilots. We suggest that you experiment to see which is best for you.

To remove or adjust the weights, turn the kite over so the spine faces you and unfasten the "Velcro Spine Release." Move the entire weight assembly to directly below the center T. The spine is split into two sections, similar to the leading edges, to allow easy disassembly of the spine when the kite is fully assembled. The bottom portion of the spine is connected to the upper portion with a ferrule. Hold onto the weight assembly and carefully pull out the bottom portion of the spine. Pay special attention to the bottom spine T, as it may come loose. Remove the rubber retaining ring and then either add more weights for higher winds, or remove all the weights for low wind performance. If removing weights, we suggest you store the rubber rings on the spine and store the weights in the kite sleeve for later use. Finally, reassemble the spine and ensure you have proper tension while reattaching the "Velcro Spine Release."



### Yo-Yo Roll Bars

On your French Connection you will find two long wrapped fiberglass spars attached to the lower trailing edge of the kite right next to the Standoffs, one on each side. They are connected to the sail by a glued rubber ring. You will want to periodically check this to ensure it is glued and fixed in place. In the middle of the leading edge of the French Connection you will find two connectors. The lower one is used for the Roll Bars, the upper for the Yo-Yo Cage. Simply insert the loose end of the fiberglass spar into its respective (lower of the two) connector. It should bow out on the back side of the kite on each side. Roll Bars aid in roll up maneuvers ensuring that the lines will be caught in the correct position at a higher success rate than standard Yo-Yo Stoppers.

### Yo-Yo Gliders

The French Connection uses a precut hole which covers the Upper Leading Edge Connector. This performs the same function of Yo-Yo Gliders and allows the line to smoothly pass over the Upper Leading Edge Connector and slide down to the correct position on the Yo-Yo Roll Bars.

