

Tandemloc Important User Information

Important information:

- The end cap system (the pipe, the end caps, and the sleeve) is designed to carry **compression forces only** through the axis of the pipe. There is no design consideration or load testing for bending moments imparted by misaligned components or bottom sling angles other than 90 deg. (+/- 5 deg)
- A misaligned lift is likely to impart dangerous unintended loading in the endcap system.
- A misaligned lift presents a significant risk of failure even at loads well below the WLL of the components.

Critical requirements:

- Never perform a lift if the endcaps, pipe and center sleeve aren't properly aligned. If they become misaligned at any time while taking up the load, stop the lift immediately and adjust rigging as needed to align the components.
- Never use the center lift pipe sleeve without top rigging, even if no load is attached directly to the sleeve. A 3-leg top sling must ALWAYS be used with the center lift pipe sleeve, regardless of the bottom configuration of the lift, whether a 2-point or 3-point lift.
- Unlike our Standard Pipe Sleeve, the Center Lift Pipe Sleeve must be located at the center of the spreader beam assembly and cannot be placed at different locations along the length of the beam.

General recommendations:

- Do not combine synthetic rigging with wire rope or chain. The different elongation rates may cause significant imbalance between the load carried by the center leg and the outer legs.
- Use a turnbuckle or similar hardware to adjust the length of the center leg to achieve proper component alignment.