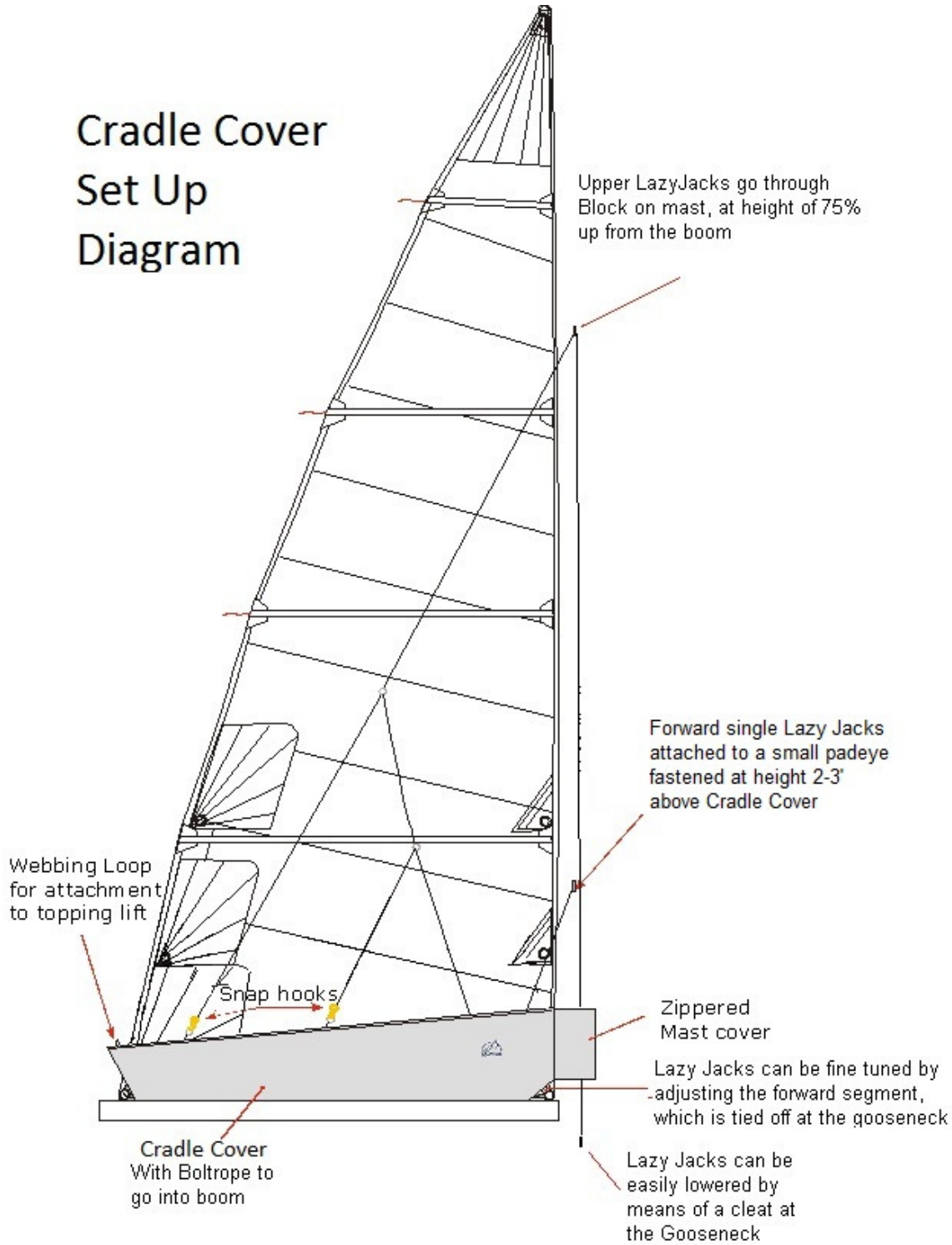


# DOYLE Cradle Cover MANUAL

# Cradle Cover Set Up Diagram



### The Doyle Cradle Cover

Upon receiving your new Doyle Cradle Cover and before starting actual installation, we recommend laying out your Cradle Cover on a hard surface in a secure location, such as your basement or garage, to familiarize yourself with your new Cradle Cover and its components.

Please check for the following items, included in your Cradle Cover system:

- Custom Cradle Cover Lite with attached coiled lazyjacks
- (2) long Cradle Cover cover battens
- Small bag containing (4) small stainless steel pad eye, (2) Harken Blocks, (2) Horn Cleats, and fasteners

In addition to the supplied components, you will also need:

- Bosun's chair
- Electric drill (preferably cordless)
- drill bit
- Roll of vinyl rigging tape
- Phillips screwdriver for self tapping screws
- Felt tip marker for pad eye location

### Steps for Installing the Cradle Cover

1. Unroll your Cradle Cover Lite system on the deck.
2. Starting at the front of the boom, slide the foot of the cover into the boom.
3. Tie-off the cover at the tack and clew, with the front of the cover roughly in line with the mast
4. Install sail onto the mast.
5. Install (2) long Cradle Cover cover battens, making sure to install forward lazy jack lines through the grommet so the loop is around the batten.
6. Flake sail and zip Cradle Cover cover closed.
7. Install horn cleats on side of mast, roughly in the vicinity of the gooseneck, but out of the way of other halyards.
8. Secure forward section of LazyJacks to cleat before putting going aloft, to ensure that they do not become skied.
9. Install upper pad eyes with blocks on each side of mast, fastened at a height of 75% up from the boom. Note: Do not install on back of mast.
10. Run upper lazy jacks through blocks and down to cleat. Adjust snug so rings on lazy jacks are even on both sides, and tie them off at cleat. Note: Lazy jacks should not come in contact with rigging, shrouds, or any equipment.
11. Install lower pad eyes on the side of the mast, fastened at a height 2 to 3 feet above the Cradle Cover (see diagram).

12. Forward Lazy Jacks can be either tied off to the pad eyes, or run down to the cleat at the gooseneck, depending on how frequently you plan on lowering the Cradle Cover.  
Note: Lazy jacks should not come in contact with rigging, shrouds, or any equipment.
13. Cradle Cover lazy jacks can be fine-tuned by the forward Lazy Jack line. Adjust the lazy jacks so cover is relatively straight along the top.
14. At this point, a trial run should be performed. The best conditions are on a calm day or when head to wind. Make adjustments so that when sail is at full hoist, lazy jacks should be relaxed but not overly slack.
15. When comfortable with the adjustments, lower sail, zip cover closed, bring halyard back and hook to snap hook on cover. Finish installation by zipping on the mast cover.

### **Final Adjustments**

- With the cover zipped, stand back and examine the set of the cover. The top edge should run fairly straight from the mast to the aft end of the cover.
- Adjust the forward lazy jack lines to support this end. The cover should be upright with these lines just taking a load.
- With the line attached to the webbing loop at the aft end, use a rolling hitch around the top lift and tie off to the other webbing loop. This line should only be tight enough to keep the aft end of the cover from sagging.
- A final adjustment to the lazy jacks at the tack may be necessary to remove any sag or bow remaining in the top edge of the cover.

### **Points to Remember**

- The Cradle Cover is a simple, efficient sail handling system, but it is not automatic. A few moments spent tweaking the sail into the cover will insure smooth operation of the zipper and a neat appearance of the cover.
- If your boat is not equipped with a rigid boom vang, be sure to tighten your topping lift to relieve load on the lazy jacks. Lazy jacks are not designed to withstand the dynamic load of a dropping boom.
- Lazy jacks must be cleated securely in their cleats at the tack. If the lazy jacks come loose while the sail is being lowered, the sail will tend to fall outside of the cover.
- The forward mast cover is fitted with separating zippers that zip to the Cradle Cover on each side. If your mast has winches or rigging that interferes with the fit of the mast cover, carefully mark the cover at these points and return the mast cover portion to your Doyle loft for modification.

### Cradle Cover Tips

**Head to wind:** To experience the smoothest hoisting and lowering of the mainsail, it is always best to be directly head to wind whenever possible.

**Flaking the luff:** While lowering the sail, a guiding hand at the mast goes a long way in producing the neatest and most compact drop.

**Helping the zipper:** After the sail is completely in the cover, if the top of the cover is reachable, the best technique is to hold the cover battens together as you zip the cover closed. This takes the load off the zipper slider and will help the life of the zipper teeth.

**Cleanliness:** Keep the cover free from dirt will help to maintain smooth operation. Before removing your Cradle Cover, be sure your deck is clean and that your mast and boom have been wiped clean in the areas that will come in contact with the cover.

**Maintenance:** A thorough cleaning and yearly maintenance inspection of your Cradle Cover is advisable. When removing the Cradle Cover, it is easiest to leave the lazy jacks and battens with the boat.