



INSTALLATION INSTRUCTIONS

TOOLS REQUIRED:

1. Hacksaw or fine toothed saw
2. Slotted screwdriver
3. 1/8" (3.5 mm) drill bit and motor
4. 3/16" (4.7 mm) drill bit
5. Tape measure
6. Marine tape
7. Vice grip pliers

HEAD FOIL 2 PARTS LIST:

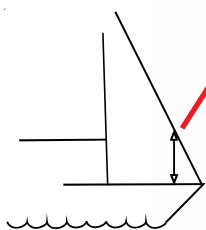
1. Feed funnel body Feed funnel cover with screw.
2. Prefeed body Prefeed cover with spring pins.
3. Plastic snap together ball
4. Spacer tube (4", 12" and 32" sections)
5. 2-6-32 stainless steel screws and nuts

NB: Items 2, 3, 4, & 6 are not included with replacement plastic foil orders.

PRELIMINARY PROCEDURES:

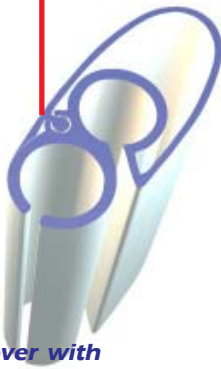
1. Uncoil foil and lay out for measurement
2. The foil can be intalled either with the mast stepped or unstepped. These instructions are for stepped mast. If you mast is unstepped, follow the same basic instructions, but stretch the forestay in a convenient manner to be taut.
3. **Unzip the ziplock by pulling down on the rope provided from the top of the foil (inside of coil) until the entire length is unzipped.**

FOIL MEASUREMENT:



1. Wrap a piece of marine tape 40-44" (100 - 110 cm) onto the forestay vertically from the deck. This is the feed funnel height off the deck that provides adequate room for sail handling.
2. To measure the foil length we suggest using a small rope or string and tie onto halyard. Hoist the full length of the forestay and when taut mark the insert at the height where the tape was wrapped around the forestay and subtract an additional 4" (10 cm) to allow for the top spacer tube. Using the marked insert, starting from the **PREFINISHED BOTTOM END** cut the excess foil off the **TOP** end.

Ziplock



FOIL INSTALLATION:

1. Tension backstay to tighten forestay.
2. Install the 4" (10 cm) piece of spacer on the forestay and tape securely.
3. Put foil into water and pass top end under bow pulpit. Open the port ziplock flap and force 2 feet (61 cm) onto the forestay.
4. **Snap the ziplock shut with your fingers.**
5. Thru-bolt the top of of the foil twice using the bolts provided [approx. 1" (2.5 cm) down from the top of foil].
6. Continue to force the foil onto forestay and locking the ziplock until the entire foil is installed. **Hint: A clove hitch tight around the foil will help zipping lock together by applying thumb pressure directly over the knot.**

ATTACH THE FEED FUNNEL:

1. Place the cover peg into the pre-drilled hole.
2. Slide the funnel body onto the cover and bolt.

ATTACH THE SPACER TUBES AND PREFEED:

1. Snap the 12"(30 cm) section of the spacer tube over the forestay underneath the feeder.
2. Snap the ball together over the forestay under the 1 foot section of spacer tube.
3. Attach the prefeed over ball. This should slide and rotate freely. Use vise grip to squeeze the spring pin into prefeed.
4. Make certain the entire assembly is pushed up to the top of the forestay. Use remaining amount of spacer tube to fit between the bottom of the prefeed and turnbuckle. Leave 1/2" (13 mm) of clearance for thermal expansion and contraction.

MAINTENANCE:

1. **High winds will cause the Head Foil to flutter on the forestay. This flutter can be minimized by taking the spinnaker topping lift around the foil and back to the mast under tension.**
2. **Leave your foil straight on the mast for storage or trailing.**
3. **Do not recoil the foil as this may cause kinking of flap and is not covered under warranty.**



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(response within an hour).