

Optimist Model Sail Assembly Instructions

View Optimist Exploded Side View Sheet for Assembly Reference

Assembly Tip : To assemble sail you may either use your Assembled Optimist Model itself or a block of wood drilled to accept the Mast.

All ends of tied string should be melted using clean solder gun or lighter under adult supervision ONLY.

You can also use electrical shrink tape for a very neat appearance.

Mast, Boom, and Sprit: Should be either Painted or Clear Coated before assembly.

We are doing the initial primer coat at the factory for you to ensure the spars are not warping while in stock or in transit to you.

You can lightly sand with 320 grit sandpaper before covering.

Mast: Insert Mast through hole in Mast Thwart and into Mast Base.

Align holes facing towards the front of Model (top hole does not face towards the front)

Attach string through top hole in Mast , through hole in sail, making a loop

Attach string through bottom hole in sail and around Mast.

Fasten string to a pulley, thread string through 2nd from top hole in Mast, tie knot in string on back side of Mast.

Insert Longer Cleat into 3rd hole from top (not drilled through) of Mast. This needs to fit tight.

Insert Brass pin into bottom hole in Mast

Sprit: Optional Sprit ends may be installed

Insert String through top hole in sail and make a loop.

Make a loop on one end of another piece of string,

Thread string through cleat in Mast, around pulley that is attached to mast, and attach loop to end of Sprit.

Pull tight on end that passes through Cleat , this should lift sail.

Cut off string below Cleat leaving some excess for sailing adjustments.

Boom:

Insert Short cleat into hole, 2nd from end. Cleat faces down.

Fasten string to outer hole in sail, making a small loop.

Thread the other end through end hole in Boom, and through Cleat.

Boom may be cut shorter, on Mast End, for closer fit to Sail with Boom End Support installed

Glue Boom end to Boom making sure holes and Cleat in Boom are facing down

Pull string tight through Boom Cleat

Remove excess String leaving some amount for sailing adjustments.

Attach another piece of string through other hole in Sail (bottom, mast end)and around Boom .

Tie knot in one end of another piece of string, Thread string down through one of remaining holes in Boom, through a pulley and up through the last hole in Boom.

***A clasp of some type can be used to attach the Pulley to the string for easy Mast**

Removal when Transporting and Storing Your Optimist Model.

Tie knot in remaining end leaving excess loop hanging below boom with pulley attached.

Loop Another piece of string around mast, below Brass Pin, and over the top of the string that attaches the bottom of the sail to the Mast (This holds sail down during operation)This should be snug but not to tight to stop normal operation of sail.

Once Remote Control is mounted, Tie String to eyelet, thread up to pulley on Boom, then down to Pulley on eyelet, to Sail Winch.

Optional: Other holes can be added to sail

Luff (Mast side) 8 total (6 more) 2.5 inches apart

Foot (Boom side) 8 total (5 more) 2.7 inches apart

These dimensions are to Optimist scale.