

WHAT'S ON YOUR MANGO™

An Escape® SmartRig™ boat



CAUTION

Safety warning

Sailing can be dangerous and physically demanding. The user of this product understands that sailing may result in serious injury or death. Observe these safety standards:

- ▶ Avoid contact between the mast and overhead electrical wires.
- ▶ Wear a nationally approved personal flotation device.
- ▶ Know how to swim.
- ▶ Obtain certified first aid training, and carry first aid and rescue/safety equipment.
- ▶ Get an updated local marine weather forecast prior to departure.
- ▶ Be aware of harmful weather changes while sailing.
- ▶ Share your sailing plans with an attentive friend before departing.
- ▶ Dress appropriately for the weather conditions. Cold water and/or weather can result in hypothermia.
- ▶ Bring fresh water and drink to avoid dehydration.
- ▶ Take precautions to avoid eye and skin damage from exposure to the sun.
- ▶ Check your equipment prior to each use for signs of wear or failure.
- ▶ Always sail with others in sight.
- ▶ Be aware of dangerous currents or tides.
- ▶ Avoid breaking waves and/or surf conditions.
- ▶ Be aware of other boats.
- ▶ Do not exceed your sailing ability.
- ▶ Be aware of your limitations.
- ▶ Consult your physician prior to your first sail.
- ▶ Do not use alcohol or mind-altering drugs prior to or while using this product.
- ▶ Never abandon the boat.

RIGHTING THE BOAT

Because of the Escape's exceptional stability, you are very unlikely to capsize. But if you do, getting the boat back upright is no big deal. Here's the sequence:



HOW TO SET UP YOUR ESCAPE® SmartRig™ BOAT

UNPACKING

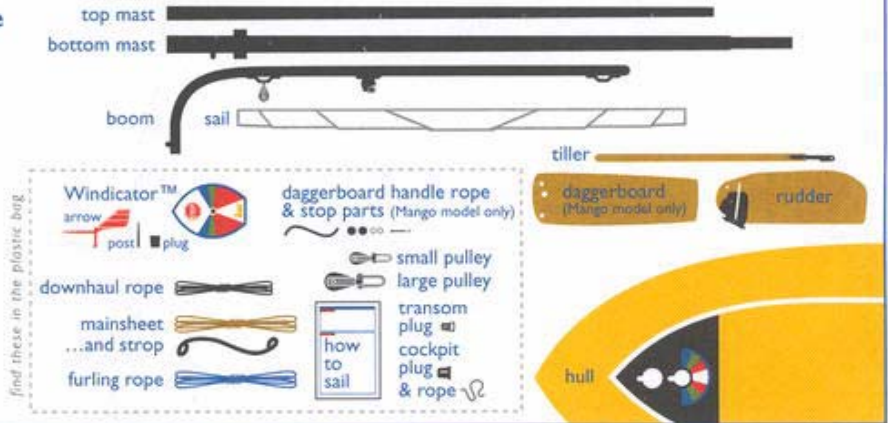
Open the box or shrink wrap carefully so as not to damage anything inside

The staples holding the box together are sharp and could hurt you, scratch the boat, or tear the sail. If you open the shrink wrap with a knife or scissors, the sail can easily be damaged

Many dealers remove the boat and equipment from the plastic bag and boxes we ship to them

Make sure you have all these parts:

(You will also need a flathead and a Phillips screwdriver, and two wrenches or pairs of pliers)



ASSEMBLING THE MAST, SAIL AND BOOM: 10 STEPS

Best done on a clean flat surface, such as a beach or lawn

- 1** Slide top mast over bottom mast
- 2** Slide sail down mast
- 3** Attach furling rope and downhaul to eye on mast bearing
 - First, feed the furling rope through the eye and tie off...
 - ...then feed the downhaul rope through eye and tie off.
- 4** Secure sail to mast
 - Loop downhaul through grommet. Tighten and tie off
- 5** Lay mast and sail flat on the ground with Escape logo facing down...
 - ...then roll the sail around the mast counterclockwise, and secure it with nylon strap and clip
- 6** Attach small pulley to eyestay on boom
 - this pulley is already attached

TIEING OFF

A. Loop rope through object. Tie a figure 8 knot

B. Tie an overhand knot

C. Pull tight

next, put the mast and boom into the boat; see over

2 BASIC KNOTS

to use in your set up

The Figure 8 Knot



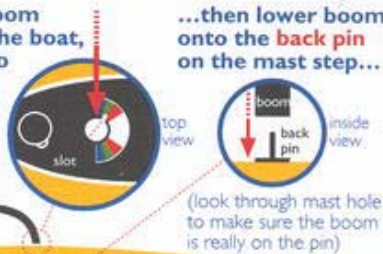
The Overhand Knot



FINISHING THE SET UP

PUTTING THE RIG IN THE BOAT

- 7** With long end of boom facing the front of the boat, insert short end into the back hole in deckplate, aligning pin on boom with slot in deckplate...
- ...then lower boom onto the back pin on the mast step...



...finally, rotate boom 180° so it points towards the back of the boat

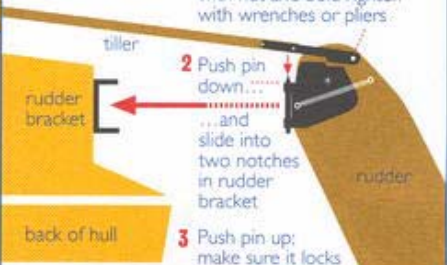
WINDICATOR™

- Put post through boat shape from underneath
- Push arrow onto post, until you hear it click into place
- Push post into wide end of rubber plug
- Insert plug into impression in bow
- Align pointy end of Windicator with bow



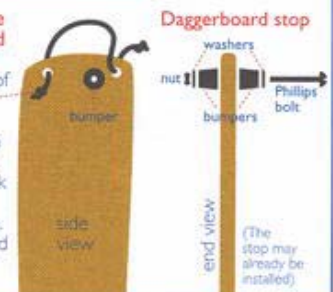
RUDDER

- Remove nut & bolt from tiller. Fit tiller over rudder; secure with nut and bolt. Tighten with wrenches or pliers.
- Push pin down ... and slide into two notches in rudder bracket
- Push pin up; make sure it locks



DAGGERBOARD (Mango model only)

To make the daggerboard handle: tie knot at end of rope. Pass other end through hole, across top and back through second hole. Knot this end



PLUGS

The **cockpit** (Mango model only) plug keeps water from coming into the boat if the boat is overloaded or not moving. If water is coming in, simply put the rubber stopper into the hole.

The **transom** plug allows you to empty any water that may have entered the hull. Always sail with the transom plug tightly secured.

More detail: First feed smaller loop of the mainsheet strop (black nylon webbing) through the metal strap on the pulley. Feed larger loop through the smaller one and pull tight. Now feed larger loop through eyestrap on rudder bracket. Finally feed pulley through larger loop and pull tight.

- 8** Insert mast into front hole in deckplate...



...align bottom tab on the mast bearing with the slot in the deckplate. Slide mast onto the front pin on mast step

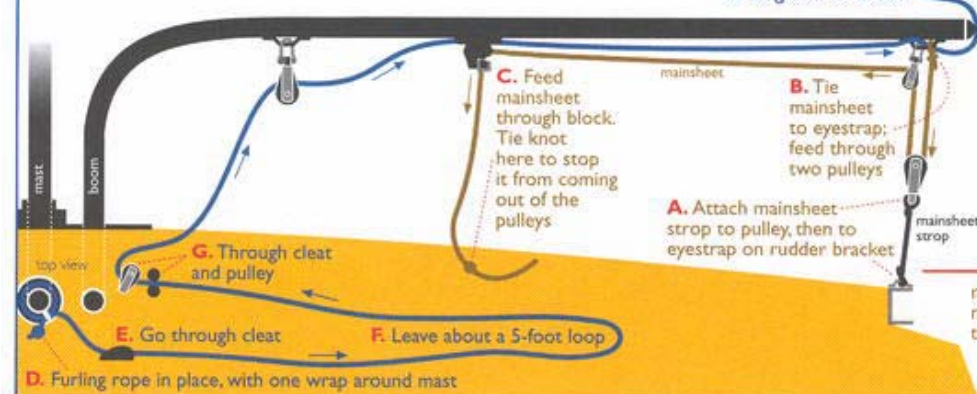


...finally, rotate mast bearing 180° aligning the upper tab on it with the slot on the mast step. The mast is now locked in place

- 9** Rig the mainsheet (A through C)

- 10** Rig the furling rope (D through H)

H. Feed furling rope through eyestrap and cap at end of boom; tie to grommet in sail



STORAGE AND TRANSPORT

- **Store** your Escape sailboat out of direct sunlight or under a light colored cover. Best way: upside down. Next best way: on it's side. (It can be stored upright, but the hull may change shape a bit. This won't hurt the boat, and it should come back to shape once the weight of the boat is relieved).
- **Support the hull properly.** Never store the boat by resting it on one point only. This may cause surface deformation.
- Always **rinse** the boat, ropes and sail with fresh water. Allow to dry before storing.
- When **tying the boat down** to (well-padded) racks on your car or trailer; **use straps.** Straps are better than ropes. Don't tighten them too much—it could cause the hull to deform.

SAIL CARE The life of your sail depends on how you care for it

- **Rinse** the sail with fresh water after each use
- **Dry** the sail completely before you store it. Simply roll it around the mast by hand. If you are at a beach and cannot dry the sail, unroll it as soon as you get home and let it dry before rolling it up again.
- If you remove the sail from the mast, **roll it from the top down.** Make sure there are no creases, and don't scrunch the sail once it's rolled up.
- A **tear can be fixed** with sail repair tape or clear packing tape. Do it immediately to stop further damage. Larger tears can be repaired by a local sailmaker.
- **Store** away from direct sunlight, or use cover. UV will prematurely age your sail.



HOW TO SAIL AN ESCAPE® SmartRig™ BOAT

THE BASICS

The Windicator™ tells you where the wind is coming from.

It's on the bow and is divided into zones like a pie chart:



As you **change course** relative to the wind, you must change the angle ("trim") of the sail

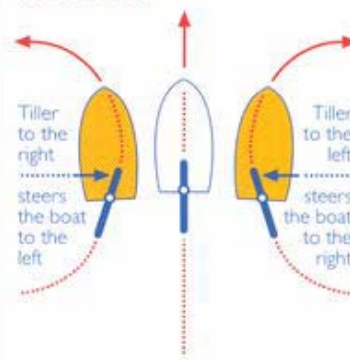
To do this, simply pull in or release the "mainsheet"

You'll see the Sailtrimdex (a second pie chart with the same colors as the Windicator) at the base of the boom



When you trim the sail, match the color that the Windicator points to with the same color on the Sailtrimdex pie chart

To **steer**, push or pull the tiller; this controls the rudder



You can **slow and stop** the boat by **steering into the stop zone**, or by **releasing the main-sheet**



GETTING UNDERWAY

These instructions assume the wind is blowing along the shoreline—the recommended condition for learners.

1 Onshore, face the bow into the wind



Make sure you have assembled the rig properly (see "How To Set Up Your Sailboat.") Install the rudder and tiller. Practice furling and unfurling the sail (rolling it in and out)

2 Step aboard, in knee-deep water. Unfurl the sail until it reaches the clew



Mango: gradually push the daggerboard down as the water gets deeper. **Captiva & Rumba:** release centerboard control line; once centerboard is down, pull elastic cord over the hook



3 Steer until Windicator points to the green zone, then pull in the mainsheet to move sail to the green zone on the Sailtrimdex



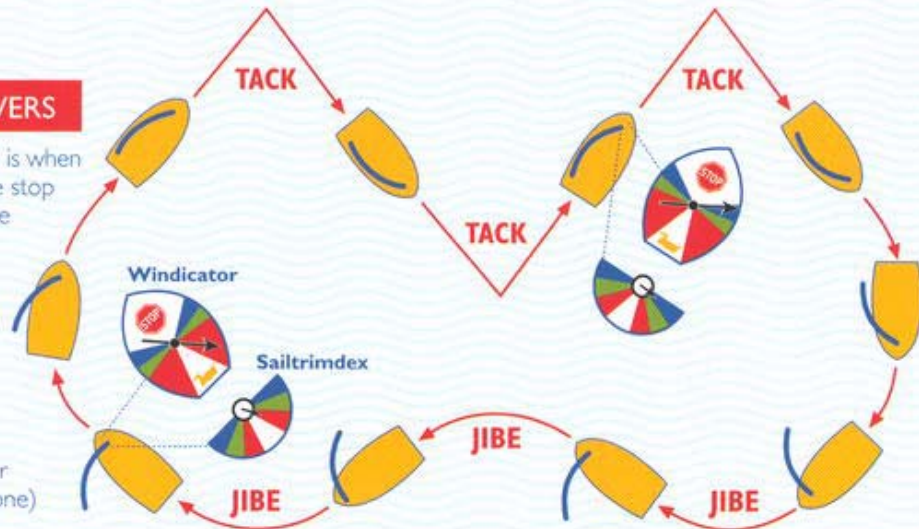
4 Turn 180° through the wind to the opposite green zone. It helps to move to the other side of the boat when the sail changes sides. To do this, kneel, squat or sit; experiment with which way is easiest for you. Don't forget to change hands on the tiller and mainsheet when changing sides



5 Steer back to the starting point

BASIC MANEUVERS

Tacking (zigzagging) is when you turn through the stop zone and through the wind's direction. If you want to sail towards the wind, then zigzag in the blue zone. No sailboat can sail directly into the wind. (That's when the Windicator points to the stop zone)



Jibing happens when the wind is coming from behind. As the boat turns through the duck zone, the wind forces the sail to swing across the deck quickly. This is where you...

