

Yacht Bimini

AFT COCKPIT SELF MEASUREMENT FORM

This Form is designed as a guide to assist with the measuring of your Bimini. If you need any help or information in measuring your Bimini please don't hesitate to call.

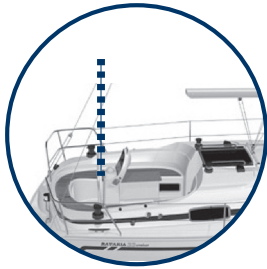


Fig.1 Datum

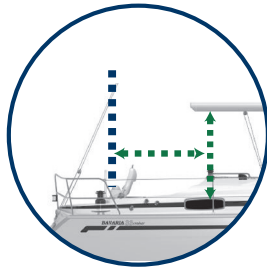


Fig.2 Horizontal/Vertical ✓

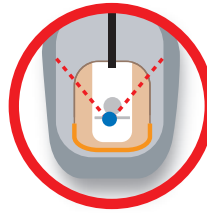


Fig.3 Angled X

Attach a datum to an immovable object within the cockpit. A datum is a rigid object that all measurements will be taken from. A suggestion for this would be a boat hook handle or a broom handle. An immovable object could be the wheel (locked in position) or the forward end of a tiller handle. Strap the handle to the aft face of the wheel or tiller handle in a vertical position to create your datum. (Fig.1) The datum needs to be approximately 2.00m in height from the cockpit sole.

With your **datum** in position, you are now ready to begin measuring. All measurements are to be taken horizontally/vertically. (Fig.2) **Under no circumstances are measurements to be taken at an angle. (Fig.3)**

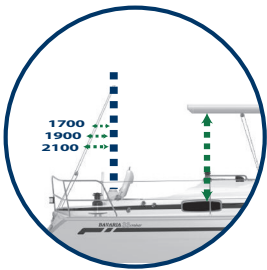


Fig.4 Backstay - Datum (D1-D3)

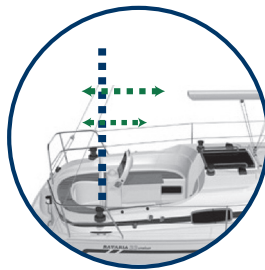


Fig.5 Datum Measurements (D4-D14)

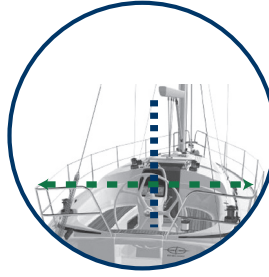


Fig.6 Width Measurements

Step 1

Fill out the "Self Measurement Form" overleaf using the stated measuring guide. Starting at the top of the form, measurements **D1 - D3** determine the angle/s of your backstay/s. (Fig.4) In order to measure these you will be required to measure vertically from the cockpit sole and mark the stated heights on to the backstay/s using a pen or some tape. Measure the distance from your datum to the backstay at these points to obtain **D1 - D3**. (Fig.4) When measuring the remainder of the "datum measurements" ensure these are measured as per (fig.5) and "not" as per (Fig.3). When measuring **D13 & D14**, these measurements will be an estimation as to the desired position of your bimini. Please be aware that we use these as a "guide only" during the design and not as an exact finished position.

Step 2

Continue by measuring the "width measurements" **W1 - W15**. When measuring winches, measurements should be taken from centre of winch to centre of winch. When measuring pushpit rails and toe rails, measure to the inboard faces. (Fig.6)

Step 3

Measure all "height measurements" **H1 - H11**. Ensure the mainsail is set and fully tensioned before attempting to measure H1 as this will cause a major problem once the bimini has been installed and there is insufficient clearance under the boom.

Step 4

Measure **B1 & B2** and supply any further measurements that you may feel are relevant to the manufacture of your bimini.

Step 5

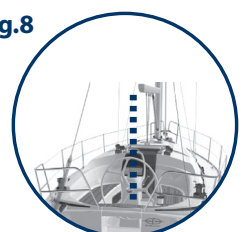
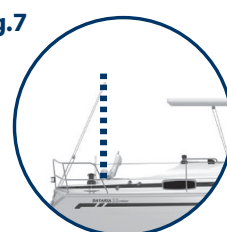
To aid our design team with the design of your new bimini, we require some photographs of your yacht. A side view of the cockpit (Fig.7) and a stern or forward view of the cockpit (Fig.8). Please leave the datum in position to enable our team to see exactly where your measurements have been taken from.

Ensure the "Self Measurement Form" is fully completed and you are happy that all the measurements are accurate.

Fig.7



Fig.8



Self Measurement Form

mm

Datum strapped to wheel @ 90 degrees to horizontal.

D1	Datum to backstay at height 1700 metres from cockpit sole.	
D2	Datum to backstay at height 1900 metres from cockpit sole.	
D3	Datum to backstay at height 2100 metres from cockpit sole.	
D4	Datum to end of boom.	
D5	Datum to back bar of sprayhood.	
D6	Datum to back of cabin.	
D7	Datum to spin winches.	
D8	Datum to genoa winches.	
D9	Datum to back of pushpit.	
D10	Datum to front top corner of pushpit.	
D11	Datum to bottom front corner of pushpit.	
D12	Datum to bottom aft corner of pushpit.	
D13	Datum to preferred position of front of bimini	
D14	Datum to preferred position of aft of bimini	
W1	Width between spin winches.	
W2	Width between genoa winches.	
W3	Width of cockpit at datum.	
W4	Width between pushpit top corners (forward).	
W5	Width between pushpit bottom forward corners.	
W6	Width between toerail at datum.	
W7	Width between toerail at genoa winches.	
W8	Width between backstays @ 1700	
W9	Width between backstays @ 1900	
W10	Width between backstays @ 2100	
W11	Width of side decks @ datum	
W12	Width of side decks @ genoa winch	
W13	Width between wheel centers	
W14	Width of guard wires at datum	
W15	Wheel diameter	
H1	Height of underside of boom from cockpit sole (sail set).	
H2	Height to back bar of sprayhood from cockpit sole.	
H3	Height of pushpit from rail from cockpit sole.	
H4	Height of guardrails from toerail.	
H5	Height of moulding from cockpit sole @ datum.	
H6	Height of moulding from cockpit sole @ genoa winch.	
H7	Height of spin winch from cockpit sole.	
H8	Height of genoa winch from cockpit sole.	
H9	Height of side deck to top of winch.	
H10	Height of side deck to cockpit sole.	
H11	Height of wheel from cockpit sole.	
B1	Single,split or twin backstay *	
B2	Backstay to end of boom.	

Additional Measurements

A1		
A2		
A3		
A4		

Please note

Cockpit lockers, fuel and water caps and side deck locker lids may have a bearing on the position of the potential Bimini frame. Please supply accurate measurements and photographs of this area.

Please fully complete this measurement form and contact details before returning to C&J Marine Ltd

Name

Address

Post Code

Telephone Number

Mobile Number

E-Mail Address

Fax Number

Yacht Type

Yacht Name

Yacht Location

Pontoon / Berth No

