



Manuel du Propriétaire - Owner's Manual
Tome 2 - Volume 2

OPEN 3.1 - OPEN 3.4 - OPEN 4.2 – OPEN 4.8

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Edition 1

VOLUME 2

DESCRIPTION – BUOYANCY CHAMBER PROPULSION SYSTEM FITTING AND CIRCUITS

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DESCRIPTION - Technical characteristics

I- DESCRIPTION

I-1 TECHNICAL CHARACTERISTICS OF THE OPEN 3.1

Dimensions						
<i>Dimension tolerance +/- 3%</i>						
	m	3.1		m	0.455	
	ft	10' 2"		Buoyancy chamber diameter	ft	1' 6"
	m	2		a	m	2.58
	ft	6' 7"			Without the buoyancy chamber	ft
	m	1.65		b	m	1.01
	ft	5' 5"			ft	3' 4"
	m	0.71		c	m	1.134
	ft	1' 6"			ft	3' 9"
	HA (mm)	930	Max. air draught			
	T (mm)	225	Max. draught			
	°	13	Transom angle			
	mm	438	Transom height			

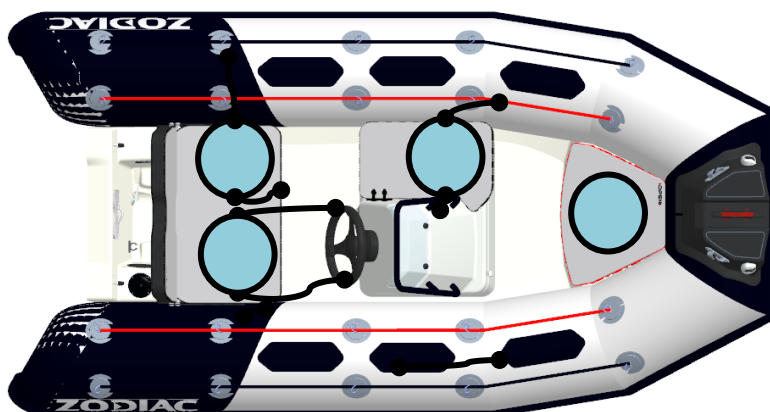
Design category	
CE (Directive 2013/53/EU)	I

Capacity			
<i>Weight tolerance +/- 5%</i>			
(ISO)			1 4
Maximum	ISO 14946	Kg	300
		lb.	661
Maximum	ISO 14945	Kg	340
		lb.	750
		Kg	132
		lb.	291
Number of compartments			3

Maximum load i.a.w. ISO 14946 (1+2+3+4) data figuring on the ICNN certificate.
Maximum load i.a.w. ISO 14945 (1+2+3+5) data figuring on the manufacturer plate.
Weight of people
Personal property
List of all options proposed
Content of consumable liquid tanks (fuel, drinking water, etc.)
Weight of the engine or engines

The weights indicated do not include any accessories

DESCRIPTION - Technical characteristics







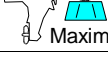
Seat with handles



WARNING!!!

DO NOT EXCEED THE MAXIMUM RECOMMENDED NUMBER OF PEOPLE. NO MATTER HOW MANY PEOPLE ARE ON BOARD, THE TOTAL WEIGHT OF PASSENGERS AND EQUIPMENT MUST NEVER EXCEED THE MAXIMUM RECOMMENDED LOAD.

ALWAYS USE THE DESIGNATED SEATS OR SEATING AREAS.

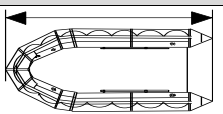
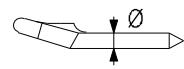
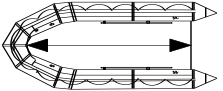

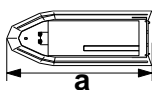

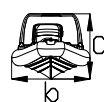
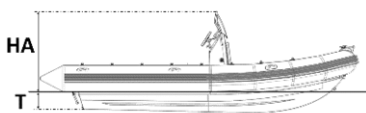
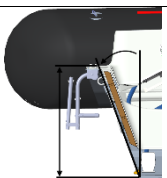
Engine configuration of the Open 3.1					
 Long	Shaft length		SINGLE ENGINE		The recommended power corresponds to optimal use of the boat's capacities for an average load.
			S		
	Minimum recommended power	HP	10		
		KW	7.5		
	Maximum recommended power	HP	15		
		KW	11.2		
	Maximum authorised power	HP	25		
		KW	18.6		
 Maximum	Maximum engine weight	Kg	57		
		Lbs	125.7		


NOTE: The maximum authorized power, when greater than the maximum recommended power, must be used with extreme caution. It is intended for experienced users, using their boat under very specific conditions (transport of heavy loads, etc.). See the "Sailing advice" chapter in Volume 1 of the manual.


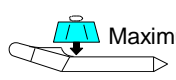
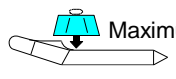
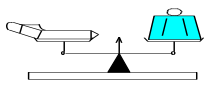
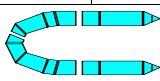
To avoid possible premature degradation of your tube, only for this size of boat, the engine should be mounted as high as possible on the transom. It is also recommended to switch your engine to port when you are at anchor, during the wintering and transport phases of the boat.

DESCRIPTION - Technical characteristics

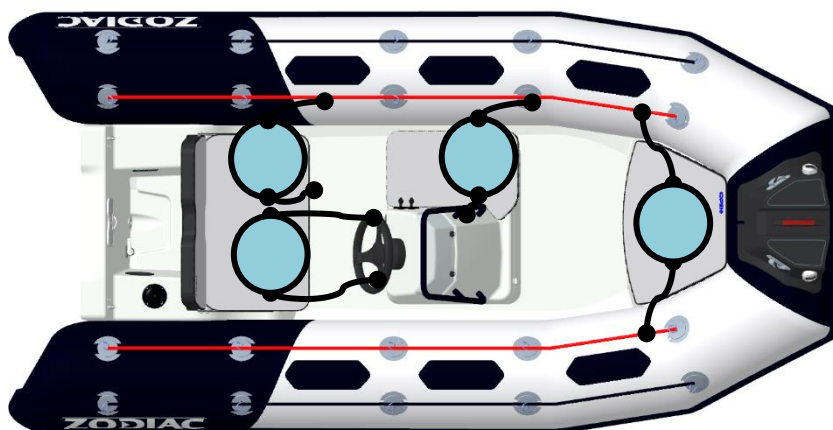
I-2 TECHNICAL CHARACTERISTICS OF THE OPEN 3.4

Dimensions						
<i>Dimension tolerance +/- 3%</i>						
	m	3.4		m	0.455	
	ft	11' 2"		ft	1' 6"	
	m	2.16	Without the buoyancy chamber	a	m	2.9
	ft	7' 1"			ft	9' 6"
	m	1.7		b	m	1.13
	ft	5' 7"			ft	3' 8"
	m	0.8		c	m	1.17
	ft	2' 7"			ft	3' 10"
	HA (mm)		945	Max. air draught		
	T (mm)		294	Max. draught		
	°		13	Transom angle		
	mm		524	Transom height		

Design category	
 (Directive 2013/53/EU)	I

Capacity				
<i>Weight tolerance +/- 5%</i>				
 (ISO)		I		
		4		
	Maximum ISO 14946	Kg	340	Maximum load i.a.w. ISO 14946 (1+2+3+4) data figuring on the ICNN certificate. Maximum load i.a.w. ISO 14945 (1+2+3+5) data figuring on the manufacturer plate. Weight of people Personal property List of all options proposed Content of consumable liquid tanks (fuel, drinking water, etc.) Weight of the engine or engines
		lb.	750	
	Maximum ISO 14945	Kg	420	
		lb.	926	
		Kg	150	
		lb.	331	
Number of compartments		3		The weights indicated do not include any accessories

DESCRIPTION - Technical characteristics





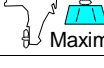


Seat with handles



WARNING!!!

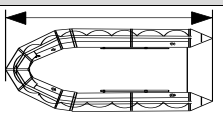
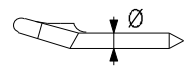
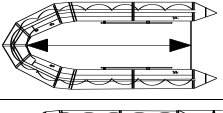
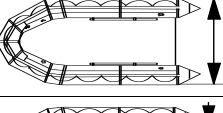
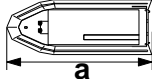

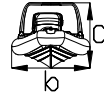
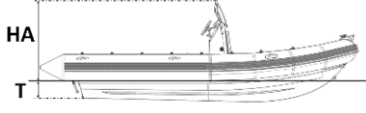
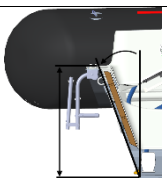
DO NOT EXCEED THE MAXIMUM RECOMMENDED NUMBER OF PEOPLE. NO MATTER HOW MANY PEOPLE ARE ON BOARD, THE TOTAL WEIGHT OF PASSENGERS AND EQUIPMENT MUST NEVER EXCEED THE MAXIMUM RECOMMENDED LOAD. ALWAYS USE THE DESIGNATED SEATS OR SEATING AREAS.


Engine configuration of the Open 3.4					
 Long	Shaft length		SINGLE ENGINE		The recommended power corresponds to optimal use of the boat's capacities for an average load.
			L		
	Minimum recommended power	HP	10		
		KW	7.5		
	Maximum recommended power	HP	15		
		KW	11.2		
	Maximum authorised power	HP	30		
		KW	22.4		
 Maximum	Maximum engine weight	Kg	95		
		Lbs	209		


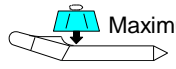

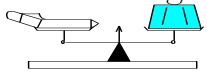
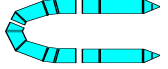
NOTE: The maximum authorized power, when greater than the maximum recommended power, must be used with extreme caution. It is intended for experienced users, using their boat under very specific conditions (transport of heavy loads, etc.). See the "Sailing advice" chapter in Volume 1 of the manual.

DESCRIPTION - Technical characteristics

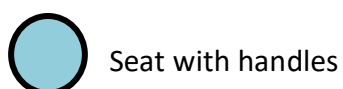
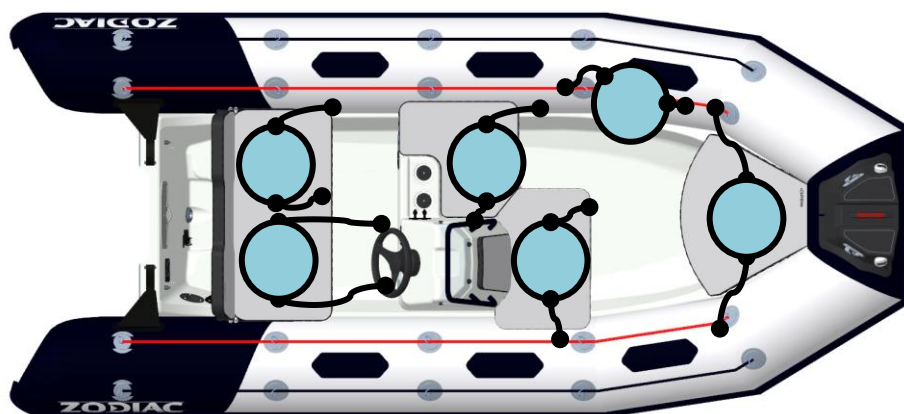
I-3 TECHNICAL CHARACTERISTICS OF THE OPEN 4.2

Dimensions						
<i>Dimension tolerance +/- 3%</i>						
	m	4.2		m	0.455	
	ft	13' 9"		ft	1' 6"	
	m	2.7	Without the buoyancy chamber	a	m	3.6
	ft	8' 10"			ft	11' 10"
	m	1.9		b	m	1.24
	ft	6' 3"			ft	4' 1"
	m	1.1		c	m	1.3
	ft	3' 7"			ft	4' 3"
	HA (mm)		968	Max. air draught		
	T (mm)		456	Max. draught		
	°		17	Transom angle		
	mm		524	Transom height		

Design category	
 (Directive 2013/53/EU)	I






Capacity				
<i>Weight tolerance +/- 5%</i>				
 (ISO)			1	Maximum load i.a.w. ISO 14946 (1+2+3+4) data figuring on the ICNN certificate. Maximum load i.a.w. ISO 14945 (1+2+3+5) data figuring on the manufacturer plate. Weight of people Personal property List of all options proposed Content of consumable liquid tanks (fuel, drinking water, etc.) Weight of the engine or engines
			6	
	Maximum ISO 14946	Kg	560	
		lb.	1235	
	Maximum ISO 14945	Kg	680	
		lb.	1499	
		Kg	270	
		lb.	595	
Number of compartments 			3	

DESCRIPTION - Technical characteristics



WARNING!!!

DO NOT EXCEED THE MAXIMUM RECOMMENDED NUMBER OF PEOPLE. NO MATTER HOW MANY PEOPLE ARE ON BOARD, THE TOTAL WEIGHT OF PASSENGERS AND EQUIPMENT MUST NEVER EXCEED THE MAXIMUM RECOMMENDED LOAD. ALWAYS USE THE DESIGNATED SEATS OR SEATING AREAS.

Engine configuration of the Open 4.2				
 Long	Shaft length	SINGLE ENGINE		The recommended power corresponds to optimal use of the boat's capacities for an average load.
		L		
	Minimum recommended power	HP	15	
		KW	11.2	
	Maximum recommended power	HP	40	
		KW	29.8	
	Maximum authorised power	HP	50	
		KW	37.3	
 Maximum	Maximum engine weight	Kg	115	
		Lbs	253.5	

NOTE: The maximum authorized power, when greater than the maximum recommended power, must be used with extreme caution. It is intended for experienced users, using their boat under very specific conditions (transport of heavy loads, etc.). See the "Sailing advice" chapter in Volume 1 of the manual.

DESCRIPTION - Technical characteristics

I-4 TECHNICAL CHARACTERISTICS OF THE OPEN 4.8

Dimensions						
<i>Dimension tolerance +/- 3%</i>						
	m	4.7		m	0.5	
	ft	15' 5"		ft	1' 8"	
	m	2.92	Without the buoyancy chamber	a	m	3.83
	ft	9' 7"			ft	12' 7"
	m	2.09		b	m	1.38
	ft	6' 10"			ft	4' 6"
	m	1.1		c	m	1.38
	ft	3' 7"			ft	4' 6"
	HA (mm)	1085	Max. air draught			
	T (mm)	485	Max. draught			
	°	17.5	Transom angle			
	mm	537	Transom height			

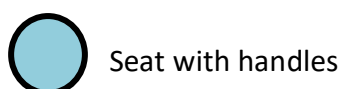
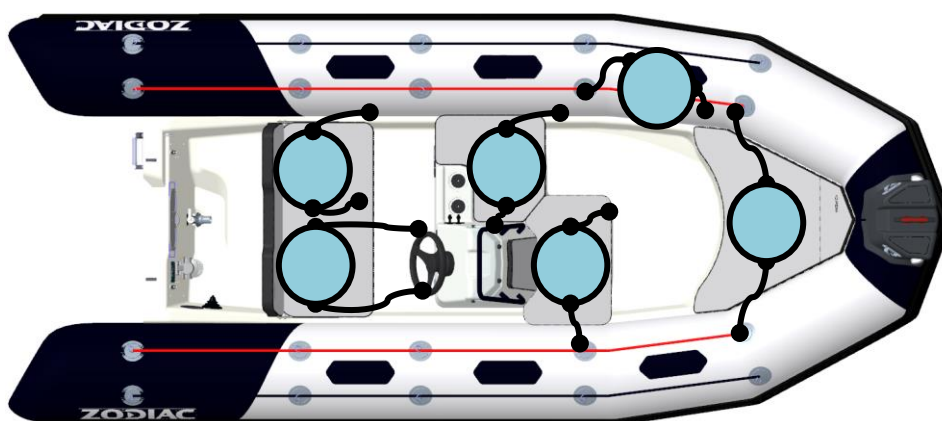
Design category	
(Directive 2013/53/EU)	I

Capacity			
<i>Weight tolerance +/- 5%</i>			
	(ISO)		I 6
	Maximum ISO 14946	Kg	590
		lb.	1301
	Maximum ISO 14945	Kg	760
		lb.	1676
		Kg	310
		lb.	683
Number of compartments			5

Maximum load i.a.w. ISO 14946 (1+2+3+4) data figuring on the ICNN certificate.
 Maximum load i.a.w. ISO 14945 (1+2+3+5) data figuring on the manufacturer plate.
 Weight of people
 Personal property
 List of all options proposed
 Content of consumable liquid tanks (fuel, drinking water, etc.)
 Weight of the engine or engines






The weights indicated do not include any accessories

DESCRIPTION - Technical characteristics



WARNING!!!

DO NOT EXCEED THE MAXIMUM RECOMMENDED NUMBER OF PEOPLE. NO MATTER HOW MANY PEOPLE ARE ON BOARD, THE TOTAL WEIGHT OF PASSENGERS AND EQUIPMENT MUST NEVER EXCEED THE MAXIMUM RECOMMENDED LOAD. ALWAYS USE THE DESIGNATED SEATS OR SEATING AREAS.

Engine configuration of the Open 4.8					
 Long	Shaft length		SINGLE ENGINE		The recommended power corresponds to optimal use of the boat's capacities for an average load.
			L		
	Minimum recommended power	HP	40		
		KW	29.8		
	Maximum recommended power	HP	50		
		KW	37.3		
	Maximum authorised power	HP	80		
		KW	59.7		
 Maximum	Maximum engine weight	Kg	170		
		Lbs	374.8		

NOTE: The maximum authorized power, when greater than the maximum recommended power, must be used with extreme caution. It is intended for experienced users, using their boat under very specific conditions (transport of heavy loads, etc.). See the "Sailing advice" chapter in Volume 1 of the manual.

NOTE: The maximum authorized power, when greater than the maximum recommended power, must be used with extreme caution. It is intended for experienced users, using their boat under very specific conditions (transport of heavy loads, etc.). See the "Sailing advice" chapter in Volume 1 of the manual.



WARNING!!!

WHEN LOADING THE BOAT, NEVER EXCEED THE MAXIMUM RECOMMENDED LOAD. ALWAYS LOAD THE BOAT CAREFULLY AND SPREAD OUT THE LOAD APPROPRIATELY, TO MAINTAIN THE THEORETICAL TRIM (APPROXIMATELY HORIZONTAL). AVOID PLACING HEAVY LOADS HIGH UP.



WARNING!!!

THE MAXIMUM PAYLOAD SHOWN ON THE BUILDER'S PLATE MUST NOT BE EXCEEDED.

WE RECOMMEND, WHEN THE BOAT IS AT MAXIMUM CAPACITY:

- TO SAIL CAREFULLY
- TO SPREAD THE LOAD
- MAINTAIN APPROPRIATE TRIM.



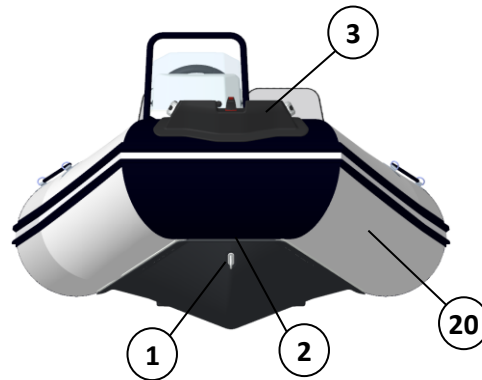
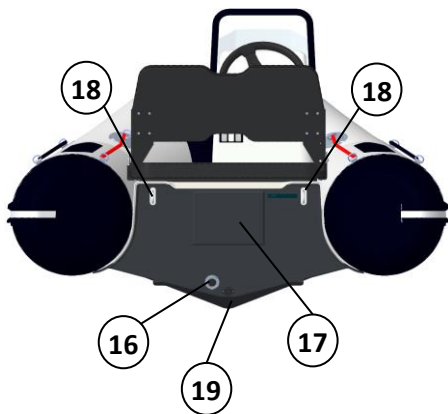
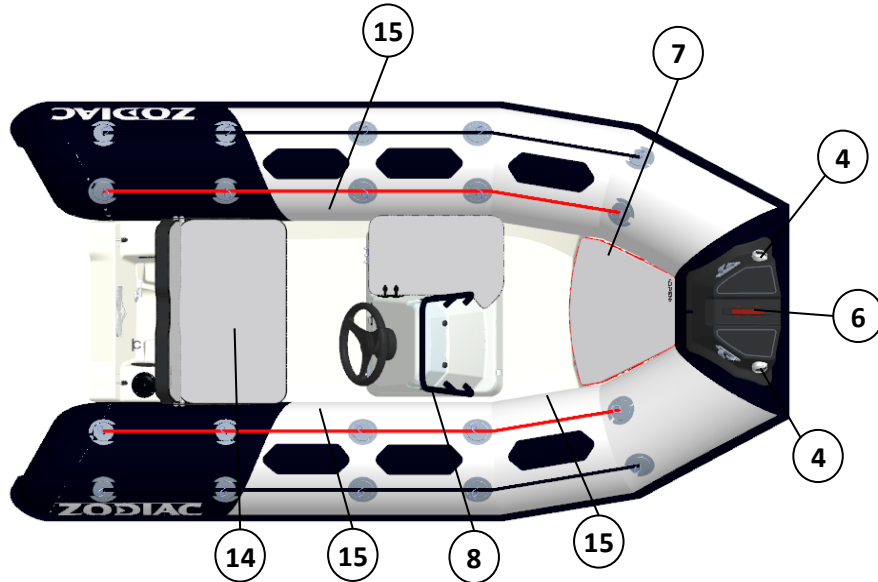
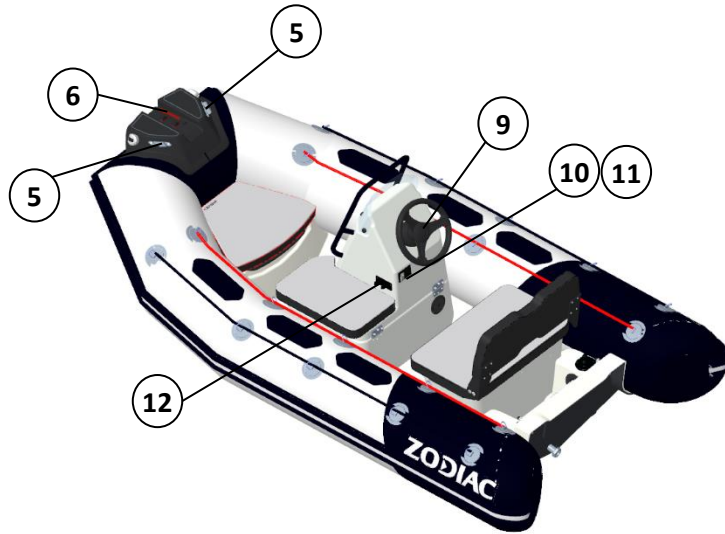
WARNING!!!

DO NOT STORE FLAMMABLE PRODUCTS IN THE REAR COMPARTMENT. IT IS STRICTLY FORBIDDEN TO STORE A SPARE FUEL TANK.

DESCRIPTION – INVENTORY and location

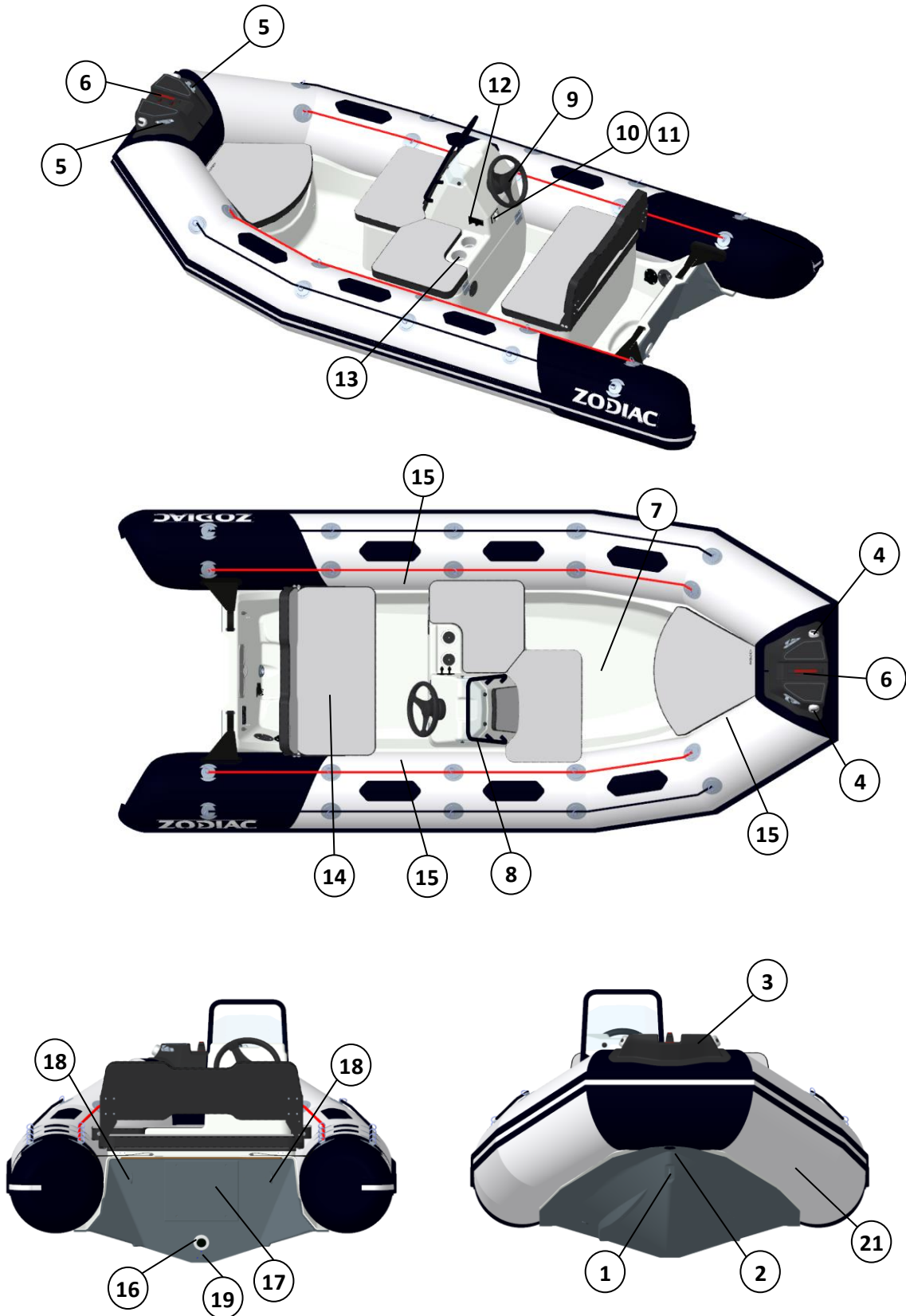
I-5 INVENTORY AND LOCATION

OPEN 3.1 & 3.4



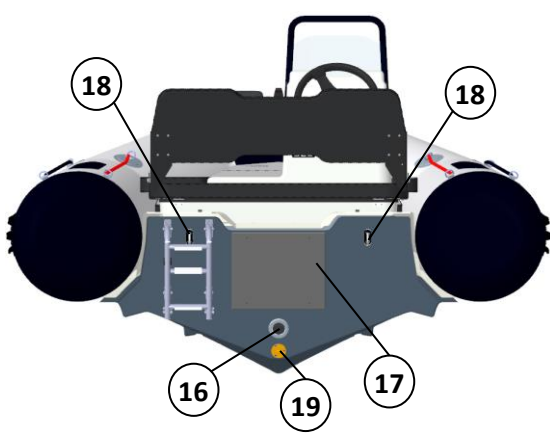
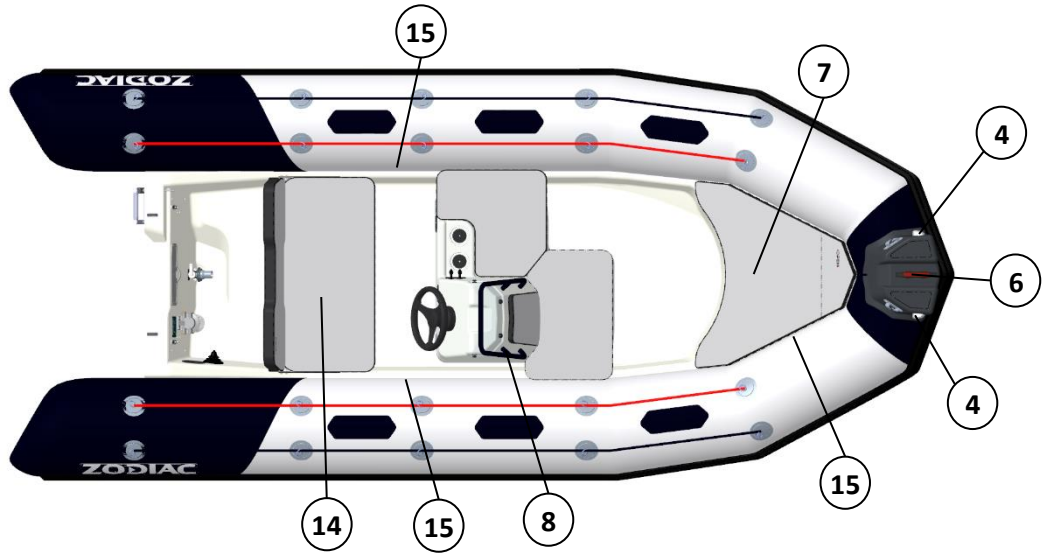
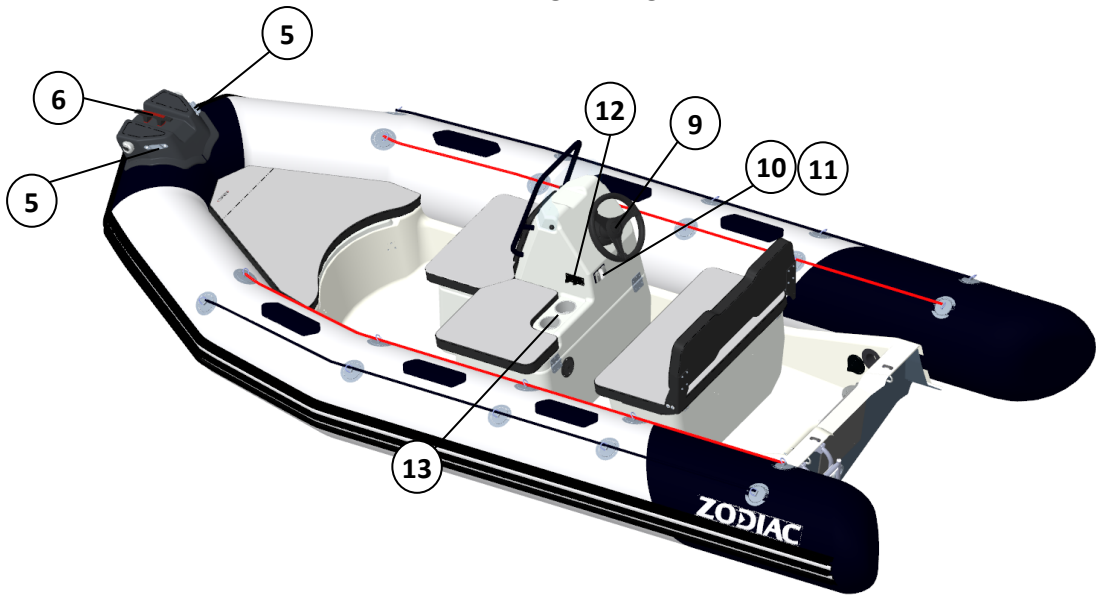
DESCRIPTION – INVENTORY and location

OPEN 4.2



DESCRIPTION – INVENTORY and location

OPEN 4.8



DESCRIPTION – INVENTORY and location

Ref.	DESCRIPTION
STANDARD EQUIPMENT	
	2 telescopic paddles, 1 foot inflator, 1 repair kit, 1 owner's manual (2 volumes), 1 pressure gauge. Polyester hull with counter-moulded and anti-slip deck
	Bolster
	Console
1	Bow plate
2	Buoyancy chamber flap fastening
3	Bow roller
4	Navigation lights
5	Fairlead
6	Mooring bollard
7	Anchor locker
8	Handrail
9	Steering wheel, mechanical steering
10	Navigation light switch
11	Switch location
12	12V plug and USB plug
13	Glove compartment /Glass holder
14	Battery (box) <i>Inside the rear chest</i>
15	Inflation/deflation valves
16	Deck self-bailer
17	Martyr plate
18	Towing chain plates
19	Hull scupper
20	Fixed buoyancy chamber with rubbing strip, grab lines and long cones.
21	Removable buoyancy chamber with wide rubbing strip, grab lines and long cones.

OPTIONAL EQUIPMENT		OPEN 3.1	OPEN 3.4	OPEN 4.2	OPEN 4.8
	Portable tank	X	X	X	X
	Battery switch	X	X	X	X
	Boarding ladder	X	X	X	X
	Storage net	X	X	X	X
	EVA deck	X	X	X	X
	White lights	X	X	X	X
	Lifting kit	X	X	X	X
	Cockpit cover	X	X	X	X
	Bimini	X	X	X	X
	Turboswing			X	X
	Roll bar/ Ski mast				X
	Other options available. See your ZODIAC dealer				

DESCRIPTION – INVENTORY and location

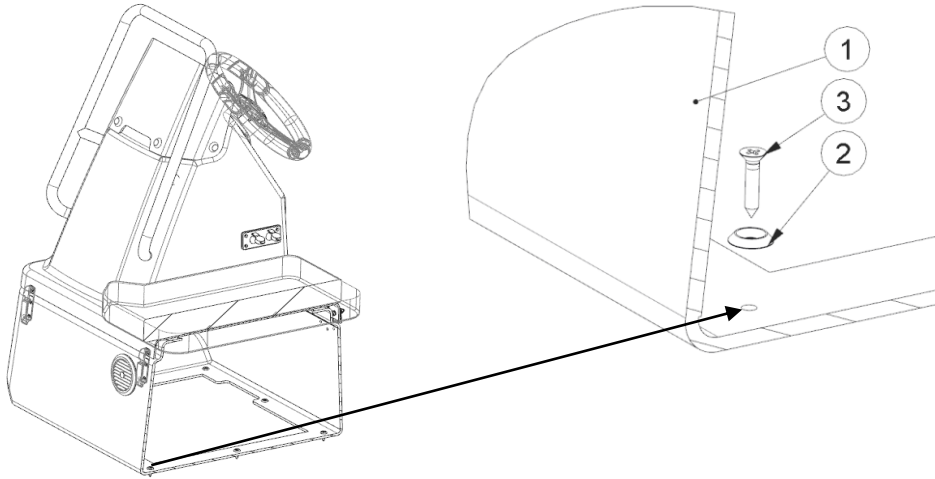
I-6 EQUIPMENT LOCATION

Your boat will be delivered with its console and bolster not assembled on the hull.
Please follow the steps below to position, waterproof and maintain in position the elements on the deck.

We recommend that you install all the cables and engine wiring before following the assembly steps

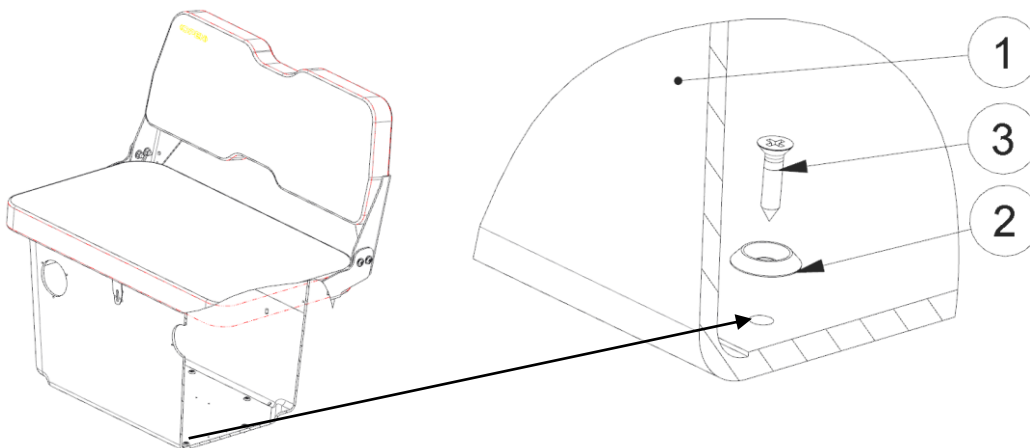
I-6-1- OPEN 3.1 / OPEN 3.4

I-6-1-1- Console



Ref.	Description	Quantity
1	3.1 / 3.4 CONSOLE ASSEMBLY	1
2	M5 BOWL WASHER	8
3	SCREW TOL FZ 4.8X25	8

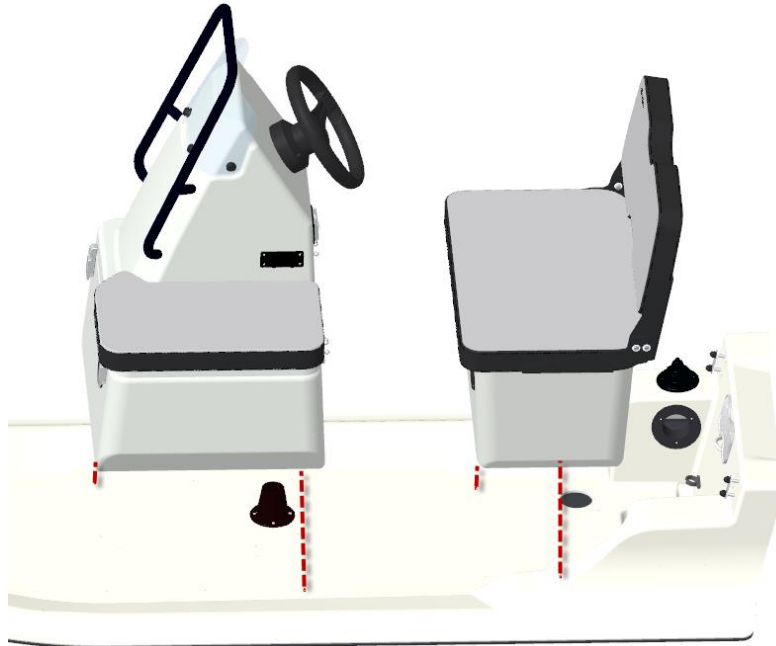
I-6-1-2- Bolster



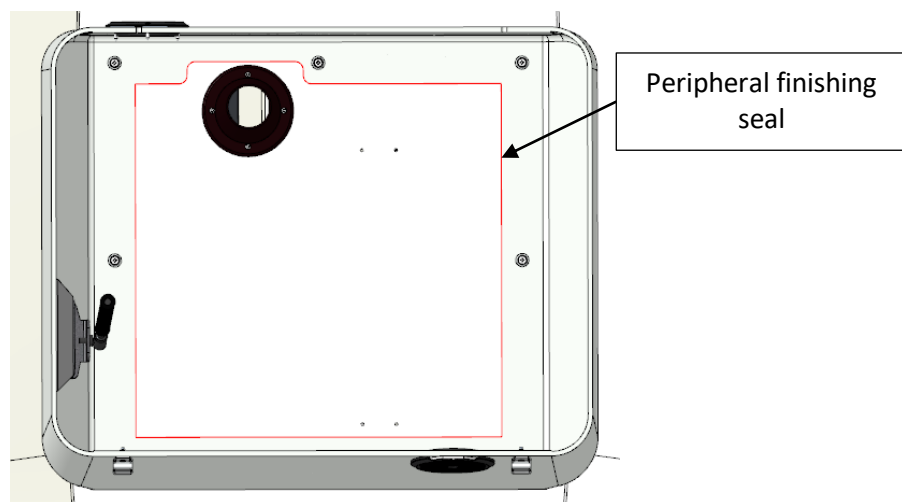
Ref.	Description	Quantity
1	3.1 / 3.4 BOLSTER ASSEMBLY	1
2	M5 BOWL WASHER	6
3	SCREW TOL FZ 4.8X32	6

I-6-1-1- Installation

- Present each item of equipment on the deck, lining it up with the holes, without screwing in,
- Check that the items of equipment are parallel with each other and the transom,
- Use the holes in the console and the bolster to mark the positions of the holes on the deck,
- Remove the equipment and drill with a $\varnothing 4.2\text{mm}$ bit,
- Clean and place SIKAFLEX 221 around each hole and between each hole in order to create a peripheral seal.



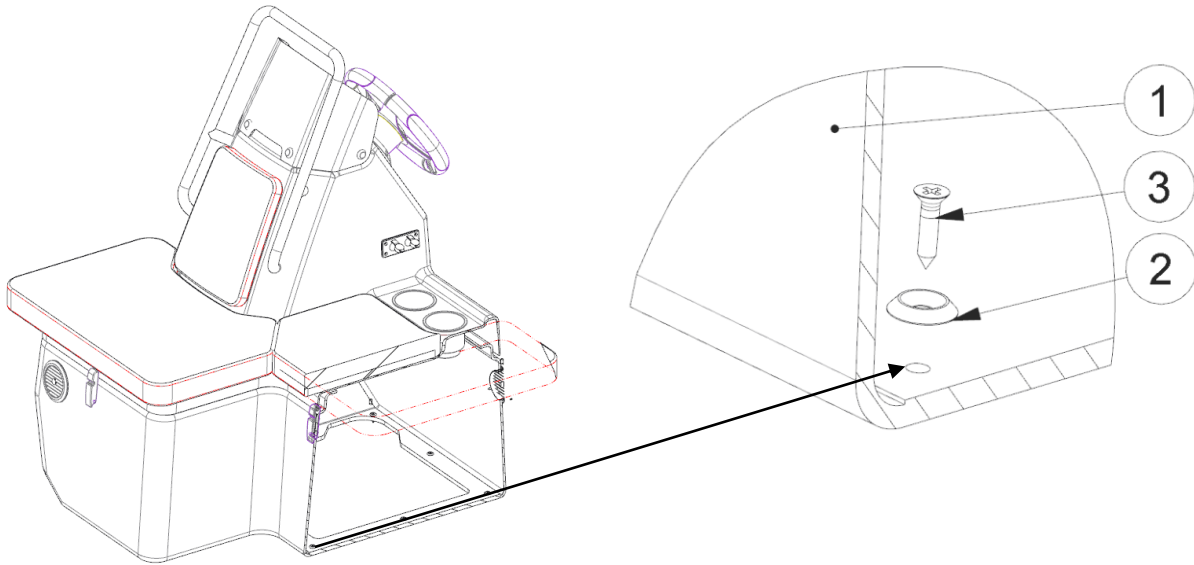
- Present the equipment on the deck and screw in.
- Clean off the excess SIKAFLEX
- Create a peripheral finishing seal on the internal section of the console to ensure better waterproofing.



DESCRIPTION – INVENTORY and location

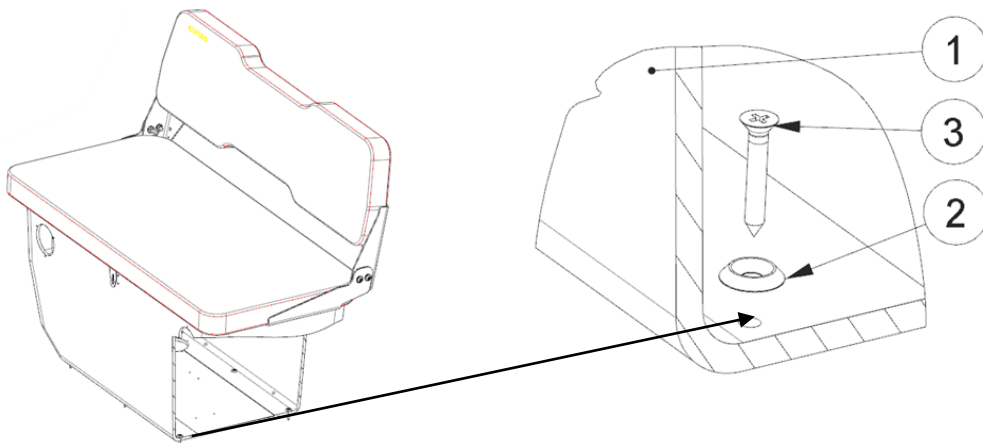
I-6-2- OPEN 4.2 / OPEN 4.8

I-6-2-1- Console



Ref.	Description	Quantity
1	4.2 / 4.8 CONSOLE ASSEMBLY	1
2	M5 BOWL WASHER	8
3	SCREW TOL FZ 4.8X25	8

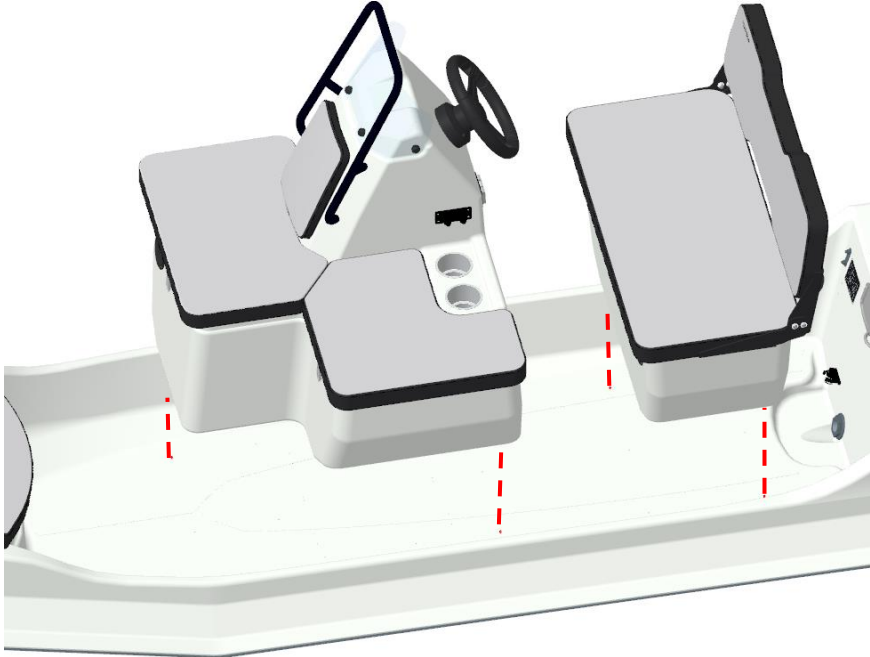
I-6-2-2- Bolster



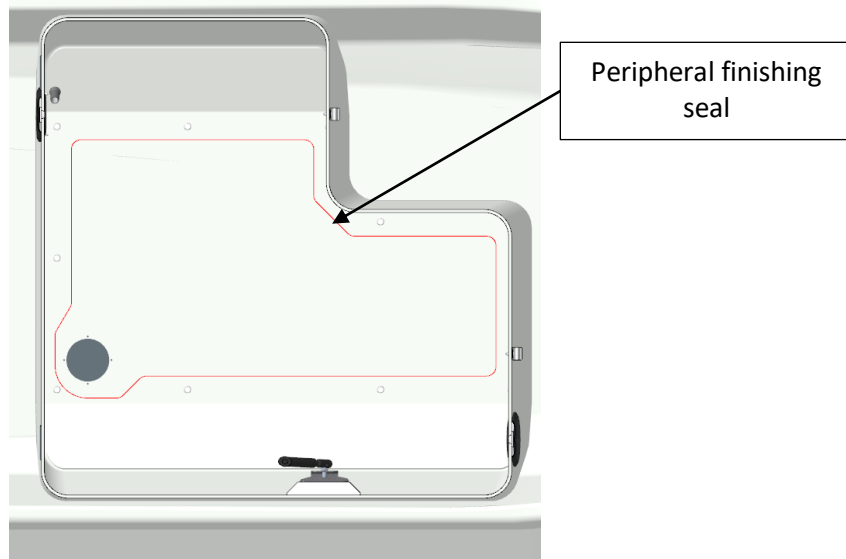
Ref.	Description	Quantity
1	4.2 / 4.8 BOLSTER ASSEMBLY	1
2	M5 BOWL WASHER	6
3	SCREW TOL FZ 4.8X32	6

I-6-2-3- Installation

- Present each item of equipment on the deck, lining it up with the holes, without screwing in,
- Check that the items of equipment are parallel with each other and the transom,
- Use the holes in the console and the bolster to mark the positions of the holes on the deck,
- Remove the equipment and drill with a $\varnothing 4.2\text{mm}$ bit,
- Clean and place SIKAFLEX 221 around and between each hole in order to create a peripheral seal.



- Present the equipment on the deck and screw in.
- Clean off the excess SIKAFLEX
- Create a peripheral finishing seal on the internal section of the console to ensure better waterproofing.



DESCRIPTION - Handling

I-7 HANDLING

I-7-1- Transport

Trailer installation recommendations are specified in VOLUME I of the owner's manual.

Use a trailer adapted to your boat.

The boat is sized for road transport. It is designed to be transported inflated.

Total weight when in condition for trailer transportation comprises:

OPEN 3.1

Unladen weight of the boat:	132 kg	<i>Tolerance +/- 5 %</i>
Engine weight:	57 kg	
Consumable quantity:	25 kg	<i>Fuel tank</i>
Options:	14 kg	<i>Model including all options</i>
Safety equipment:	21 kg	<i>Equipment</i>
Σ :	249 kg	

OPEN 3.4

Unladen weight of the boat:	150 kg	<i>Tolerance +/- 5 %</i>
Engine weight:	95 kg	
Consumable quantity:	25 kg	<i>Fuel tank</i>
Options:	14 kg	<i>Model including all options</i>
Safety equipment:	21 kg	<i>Equipment</i>
Σ :	305 kg	

OPEN 4.2

Unladen weight of the boat:	265 kg	<i>Tolerance +/- 5 %</i>
Engine weight:	115 kg	
Consumable quantity:	47 kg	<i>Fuel and fresh water tanks</i>
Options:	27 kg	<i>Model including all options</i>
Safety equipment:	21 kg	<i>Equipment</i>
Σ :	475 kg	

OPEN 4.8

Unladen weight of the boat:	310 kg	<i>Tolerance +/- 5 %</i>
Engine weight:	170 kg	
Consumable quantity:	47 kg	<i>Fuel and fresh water tanks</i>
Options:	27 kg	<i>Model including all options</i>
Safety equipment:	21 kg	<i>Equipment</i>
Σ :	575 kg	



STOWING ON A TRAILER OR CRADLE:
USE THE BOW RING AND THE REAR CHAIN PLATES ON THE OUTSIDE OF THE TRANSOM.



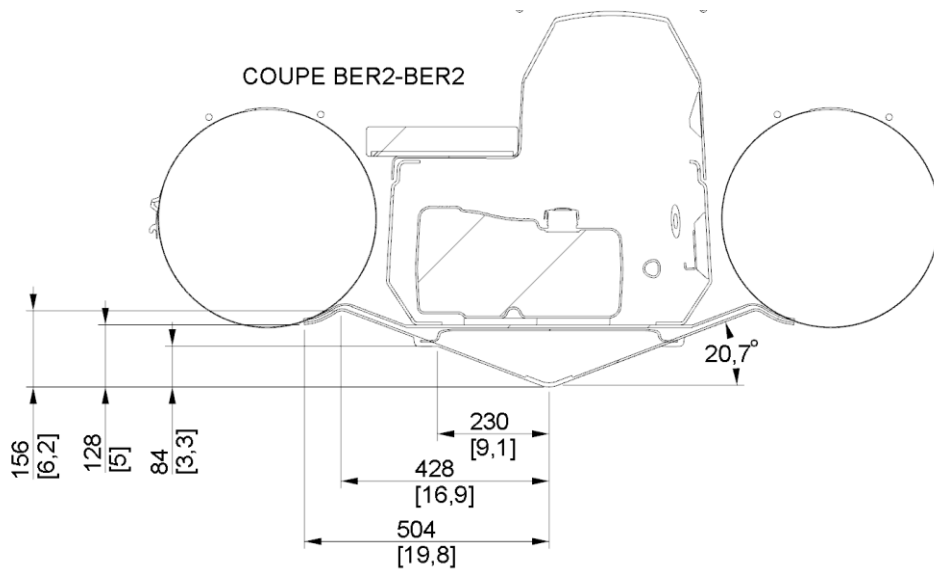
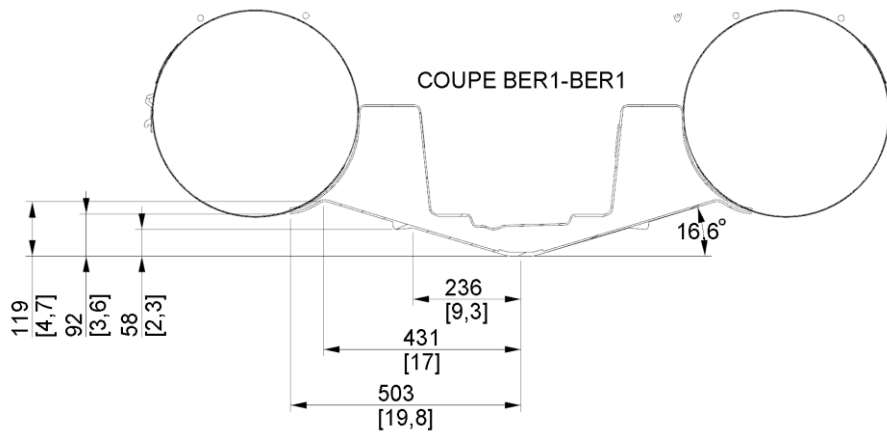
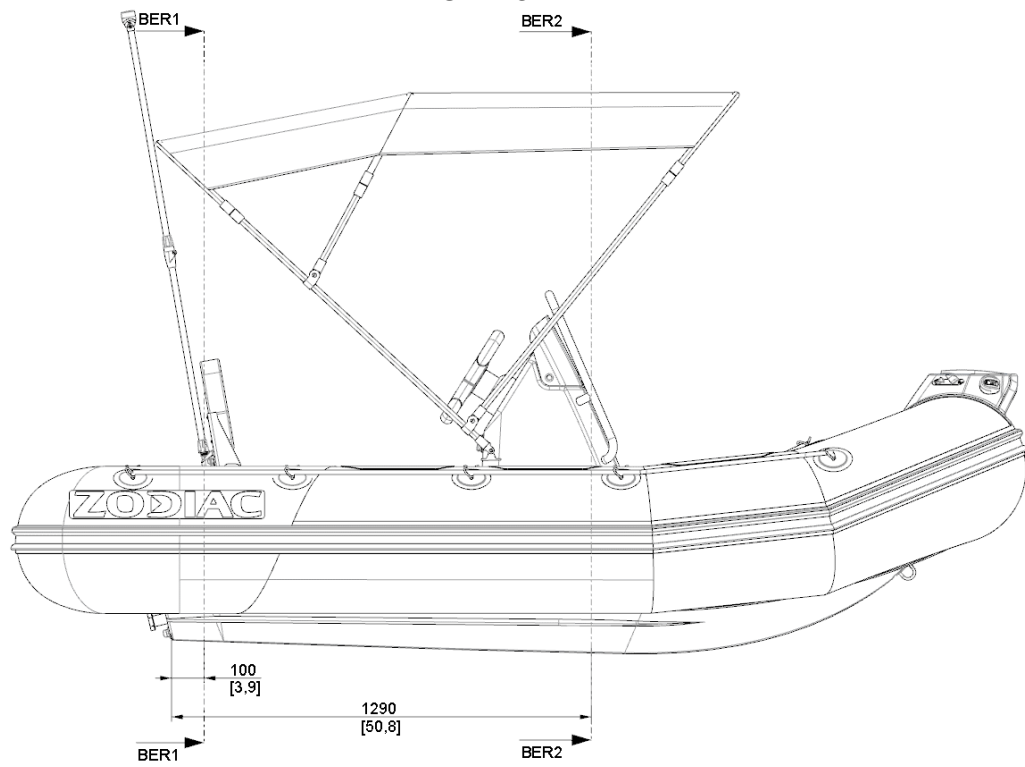
RECOMMENDATION: IF TRANSPORTED WITH BUOYANCY CHAMBER DEFLATED!
TO AVOID DAMAGING THE CONE ENDS, WE RECOMMEND YOU USE THE TRANSPORT STRAP KIT (OPTIONAL EQUIPMENT).



WARNING!!!
THE BOAT MUST REST ON THE BOW LINE.
SEE DIAGRAM BELOW.

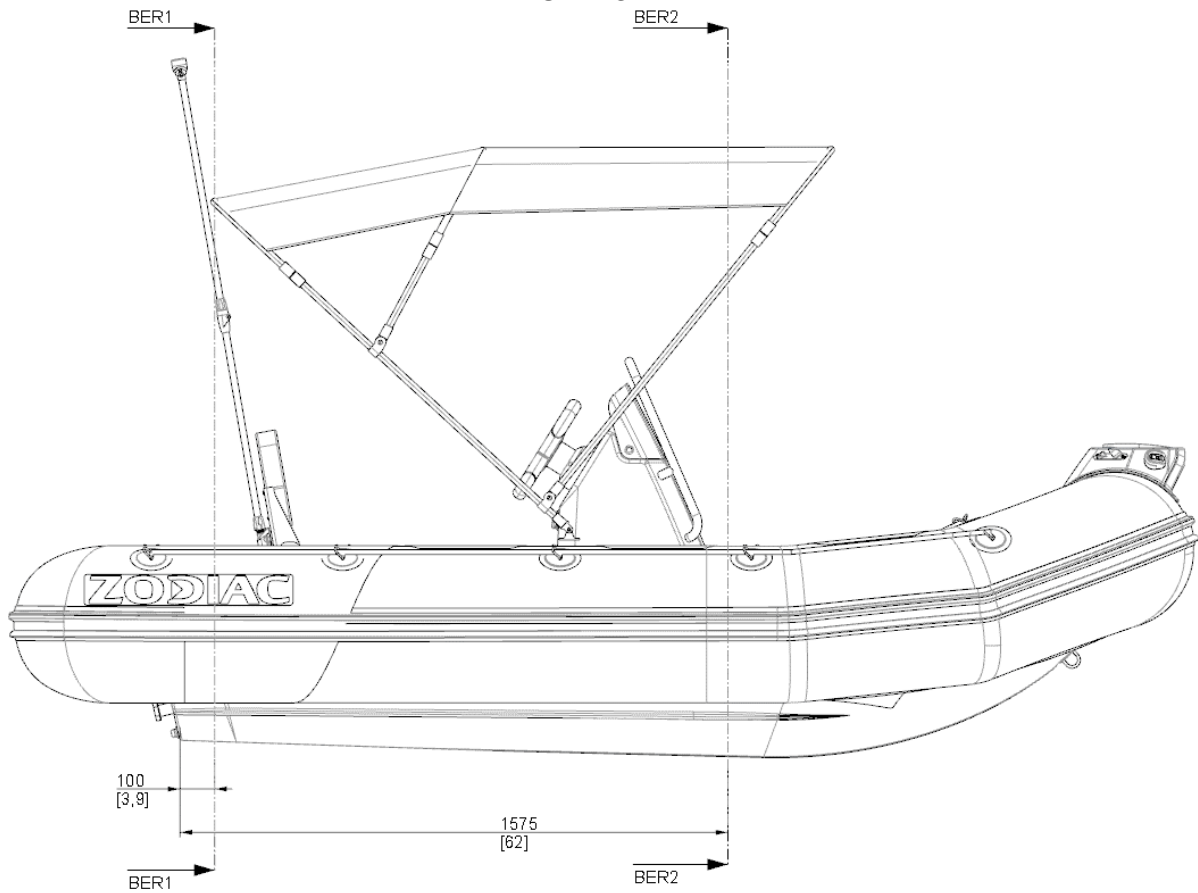
DESCRIPTION - Handling

OPEN 3.1

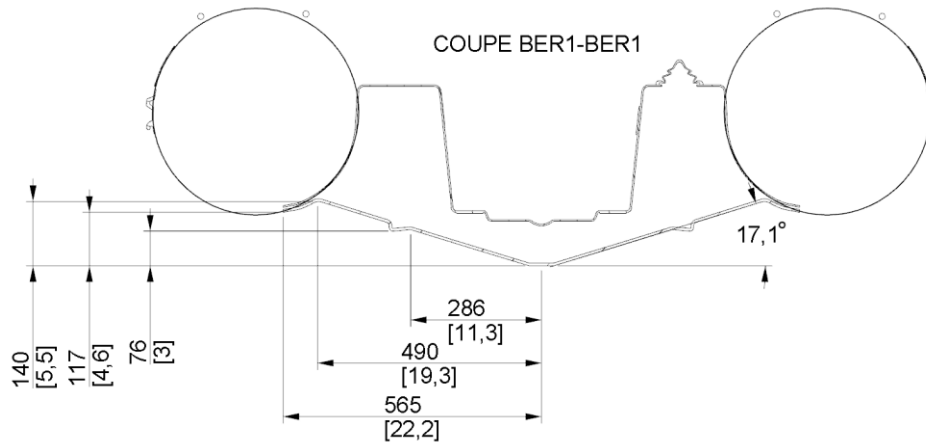


DESCRIPTION - Handling

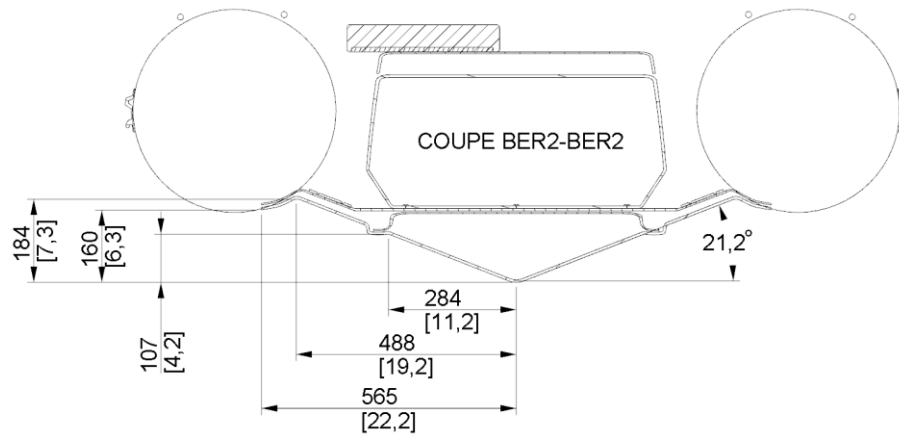
OPEN 3.4



COUPE BER1-BER1

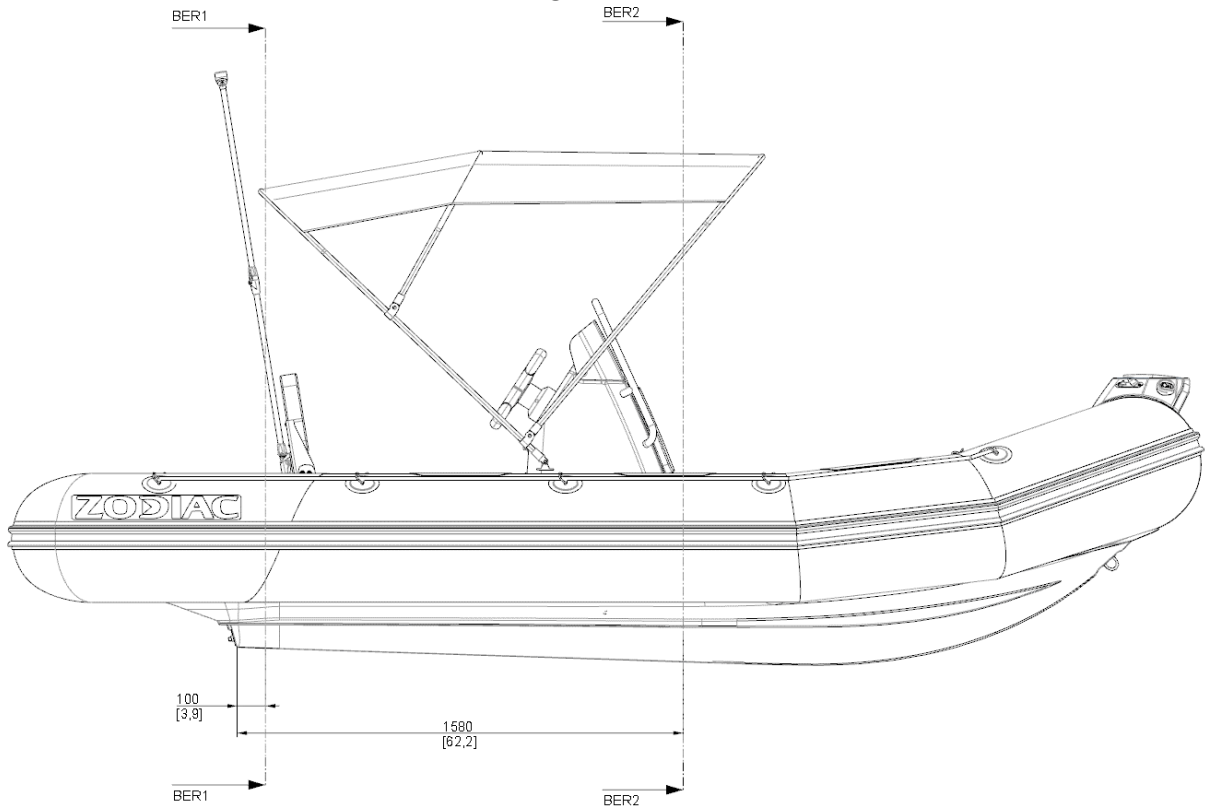


COUPE BER2-BER2

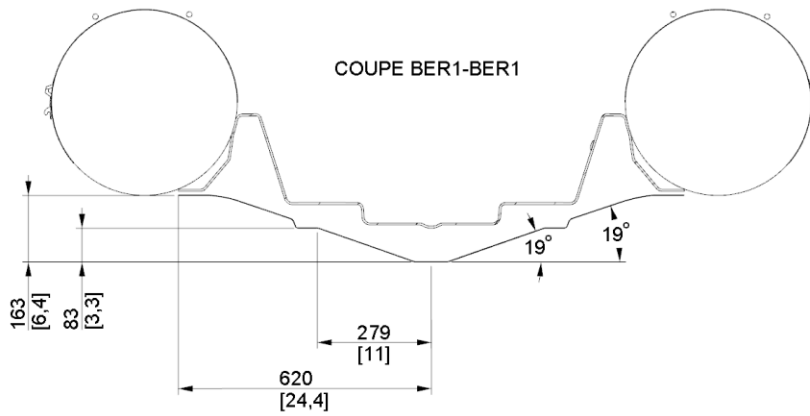


DESCRIPTION - Handling

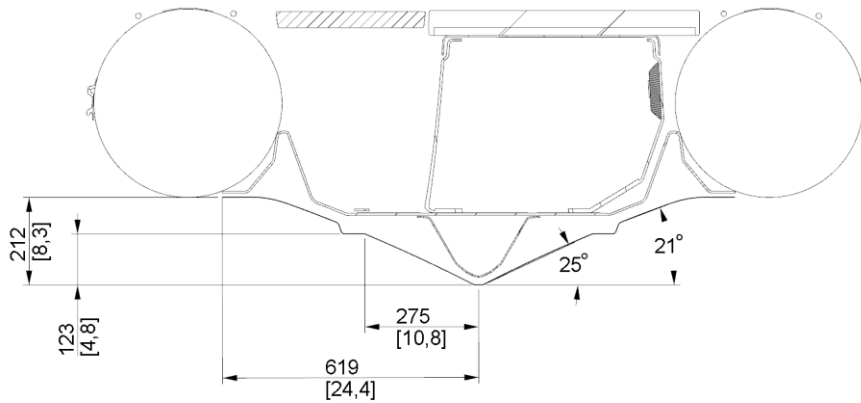
OPEN 4.2



COUPE BER1-BER1

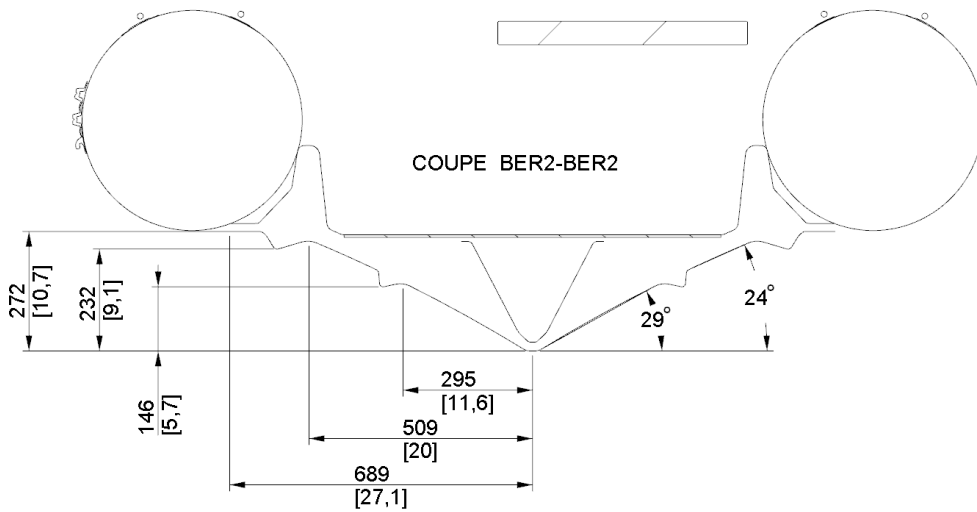
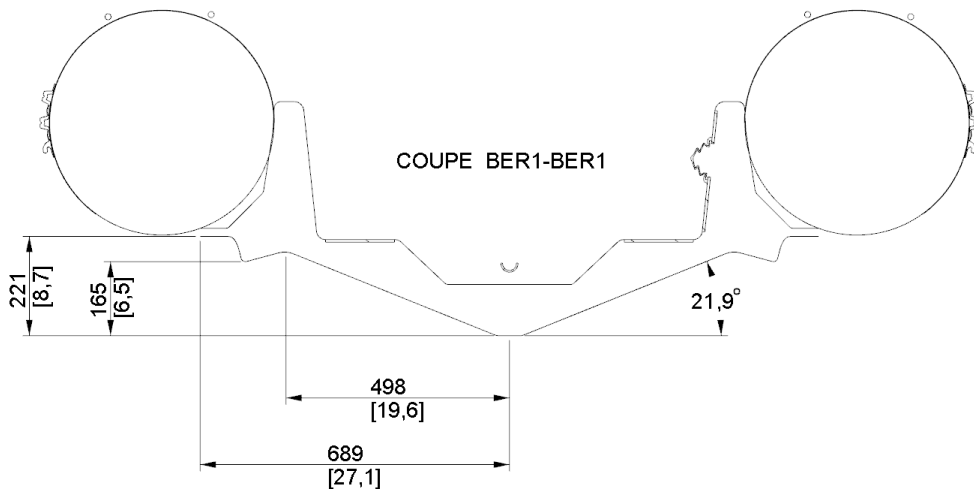
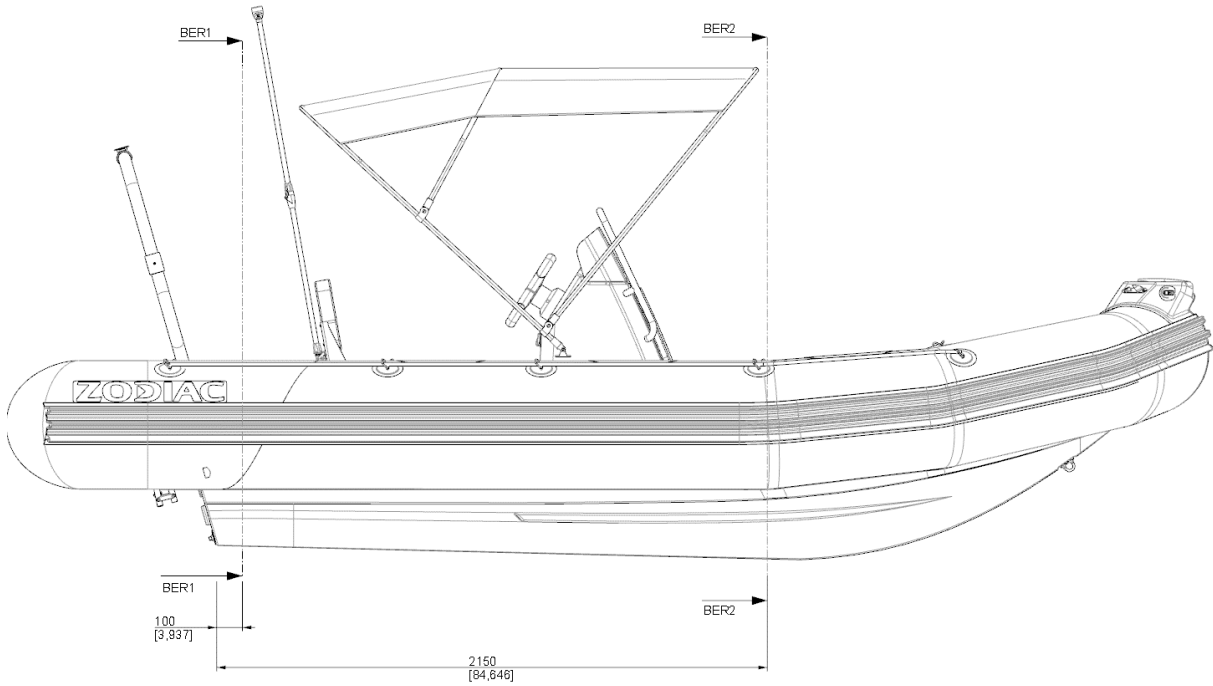


COUPE BER2-BER2



DESCRIPTION - Handling

OPEN 4.8



I-7-2- Lifting



WARNING

THE BOAT HAS NO LIFTING DEVICES. HOISTING REQUIRES PASSING SUITABLE LIFTING STRAPS UNDER THE HULL.



OPEN 3.1: 1000 mm*

OPEN 3.4: 1100 mm*

OPEN 4.2: 1220 mm*

OPEN 4.8: 1400mm*

*Estimated centre of gravity with the heaviest engine, excluding options.



WARNING

LIFTING MUST BE CARRIED OUT BY PROFESSIONALS.



DANGER!!!

NO PASSENGERS ON BOARD WHILE LIFTING.



WARNING!!!

ALL EQUIPMENT MUST BE UNLOADED FROM THE BOAT FOR LIFTING OR DAVIT HANDLING.

BEFORE LAUNCHING THE BOAT, OPEN THE AFT DRAIN HOLE TO DRAIN ANY RAINWATER FROM THE BOTTOM OF THE BILGE (CLOSE THE DRAIN HOLE AGAIN BEFORE LAUNCHING).

BUOYANCY CHAMBER – Installing the buoyancy chamber on the hull

II- BUOYANCY CHAMBER

II-1 BUOYANCY CHAMBER

Your boat's buoyancy chamber is made from STRONGAN DUOTEX® **1100** Decitex, 1000 gr/m² or NEOPRNE CSM-CR **1100** Decitex, 1050 gr/m².

The maintenance recommendations are specified in VOLUME I of the owner's manual.

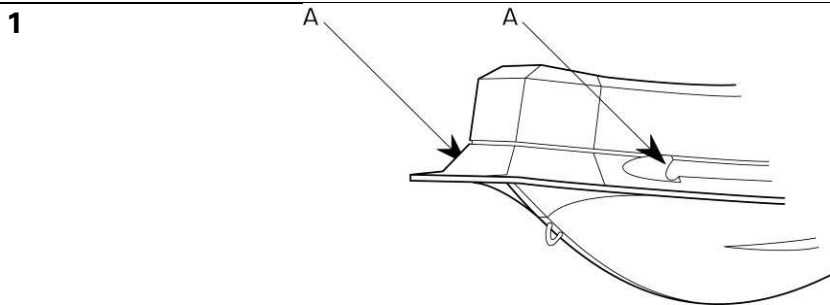
II-2 MONTAGE DU FLOTTEUR SUR LA COQUE OPEN 4.2 / OPEN 4.8



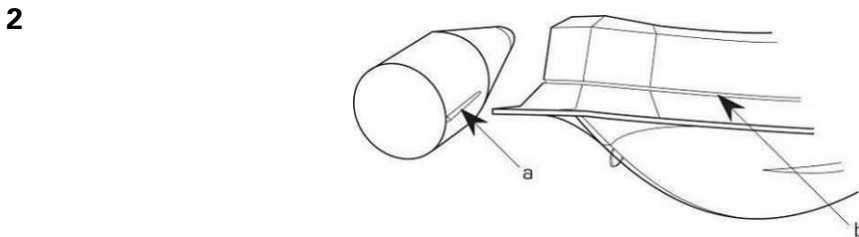
IF THE BUOYANCY CHAMBER WAS STORED AT A TEMPERATURE BELOW 0°C, LEAVE IT IN A TEMPERATE LOCATION (20°C) FOR 12 HOURS BEFORE UNFOLDING.

YOU CAN INFLATE THE NON-FITTED BUOYANCY CHAMBER (pressure 240mb) AND LET IT STABILIZE FOR AROUND ONE HOUR. THEN DEFLATE IT.

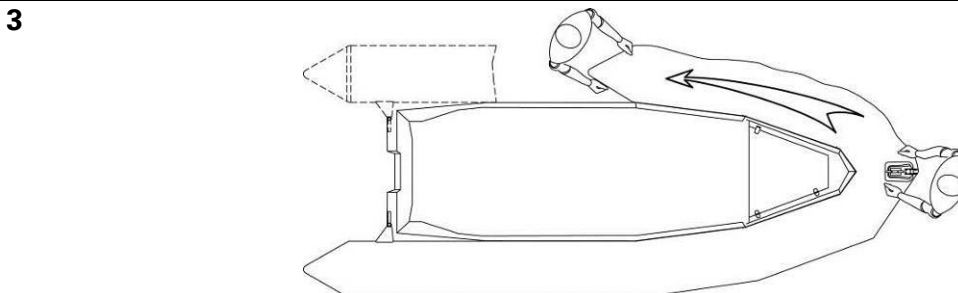
NOTE: the buoyancy chamber is fitted to the hull with the buoyancy chamber deflated



In order to facilitate the fitting of the buoyancy chamber, apply liquid soap to the hull's rails (A).



Place the buoyancy chamber bolt rope (a) in the hull rail (b) starting with the front of the hull. Pull the buoyancy chamber to bring it to the water guard near the transom.

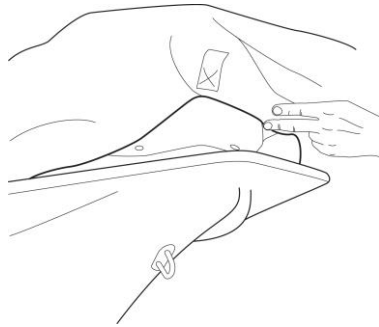


Repeat for the other side of the buoyancy chamber.
The 2 protective flaps (sealing and exterior) should pass over the hull's nose.

BUOYANCY CHAMBER - INFLATING THE BUOYANCY CHAMBER

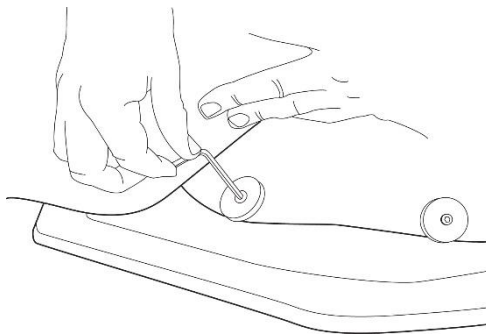
II-3 SECURING THE PROTECTIVE FLAP

1



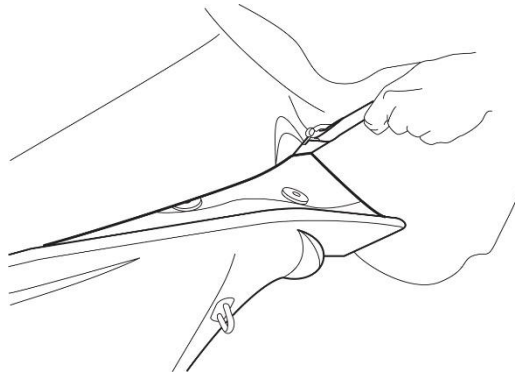
Position the internal protective flap

2



Fasten the internal protective flap (screws + washers)

3



After fastening the internal protective flap to the hull, pull the buoyancy chamber forward gently to pass the external protective flap over the front tip (do not attach it at this stage). Then pull the buoyancy chamber back.

Next, inflate

NOTE:

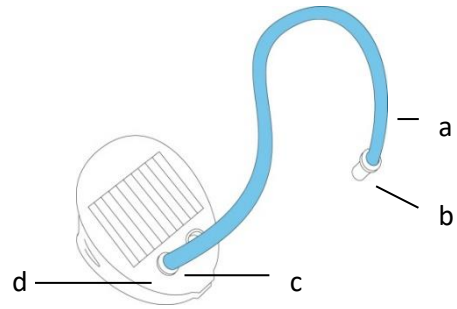
The external protective flap must be fastened finally after the buoyancy chamber is inflated

BUOYANCY CHAMBER - INFLATING THE BUOYANCY CHAMBER

II-4 INFLATING THE BUOYANCY CHAMBER

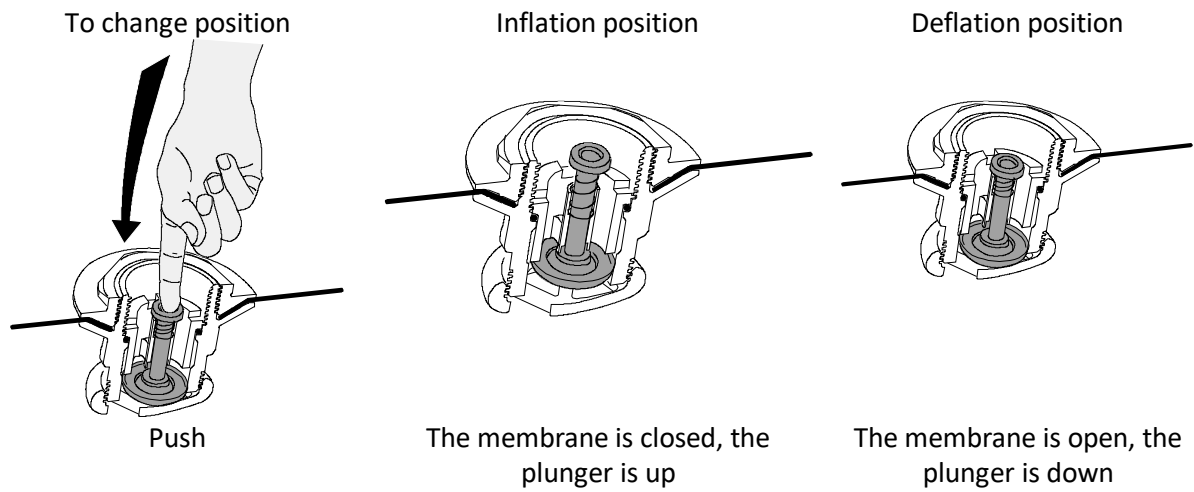
INFLATOR

- a. tube end
- b. adaptor
- c. tube base
- d. inflation port



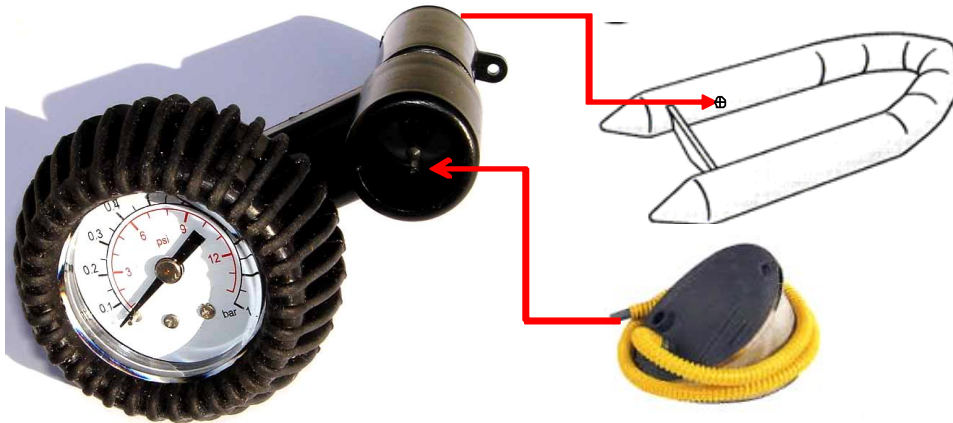
NOTE: A high capacity electric (12 V) inflator is available as an option (contact your dealer).

"EASY-PUSH" VALVES



BUOYANCY CHAMBER - INFLATING THE BUOYANCY CHAMBER

PRESSURE GAUGE



WARNING!!!
NEVER USE A COMPRESSOR OR COMPRESSED AIR CYLINDER.

INFLATION

1º/ Place all valves in inflation position.

2º/ Fit the adaptor that matches the diameter of the "easy-push" valve to the inflation tube tip.

3º/ Attach the hose connector to the inflation pump inflation valve.

To properly inflate your tube, the inflator needs to be properly placed on the ground.

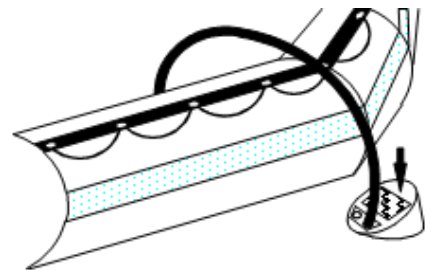
The tube will inflate quickly if the inflator is operated smoothly and unhurriedly.

4./ Inflate the tube starting with the first compartment (a) from the bow (front), until a pressure of 200 mb is reached.

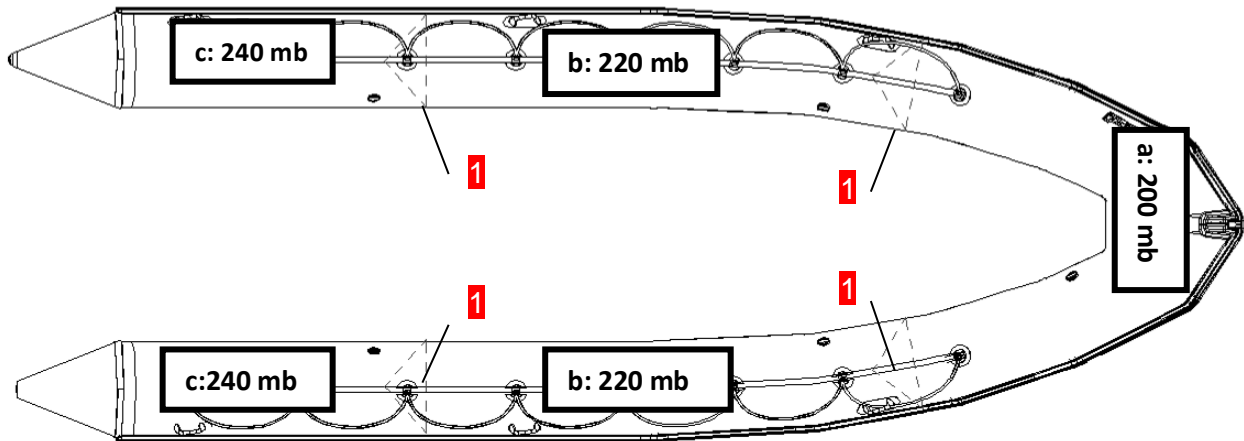
5./ Then inflate the compartments (b) in the middle, until a pressure of 220 mb is reached, as read on the pressure gauge left on the first compartment.

6./ Then inflate the aft compartments (c) to a pressure of 240 mb, still leaving the pressure gauge in the same location. The partitions (1) enable the pressure between each chamber to balance out.

7º/ Inflation is completed: screw on the inflation valve plugs.



BUOYANCY CHAMBER – PRESSURE



NOTE: Observing a slight air loss before screwing the valve cap on is perfectly normal.
Only the plugs provide final airtightness.

II-5 PRESSURE

The tube has **5** compartments. Each one should be at a pressure of **240 mb / 3.4 PSI**.
 It is the buoyancy chamber's correct pressure.

The ambient temperature of the air or the water proportionally influences the internal pressure of the buoyancy chamber.	Ambient temperature	Pressure inside the buoyancy chamber
	+1°C	+4 mb / 0.06 PSI
-1°C	-4 mb / 0.06 PSI	

It is therefore important to be able to anticipate changes.

Check and adjust the pressure of inflatable compartments (by inflating or deflating) depending on the temperature (particularly when temperature variations are high between the morning and evening in particularly hot regions) and check that the pressure does not exceed the recommended pressure zone (from 220 to 270 mb).

RISK OF PRESSURE LOSS

Example:

Your boat is exposed to bright sunlight on the beach (temperature = 50°C) at the recommended pressure level (240 mb/3.4 PSI). When you put it in the water (temperature = 20°C), the temperature of the inflatable compartments and the pressure inside them will fall in step (by up to 120 mb) and **YOU WILL NEED TO REFLATE** to regain the millibars lost due to the difference in temperature between the ambient air and water.

It is normal to observe a drop in pressure at the end of the day when the outdoor temperature drops.

BUOYANCY CHAMBER – PRESSURE

RISK OF OVERPRESSURE

Example:

Your boat is inflated to its recommended pressure (240 mb/3.4 PSI) at the start or the end of the day (low outside temperature = 10°C). During the day, your boat is exposed to bright sunlight on the beach or on the deck of a yacht (temperature = 50°C). Temperature inside the inflatable compartments will increase (up to 70°C) especially with a dark colour buoyancy chamber, causing the pressure to double (480 mb). **YOU WILL NEED TO DEFLATE** to return to the recommended pressure.

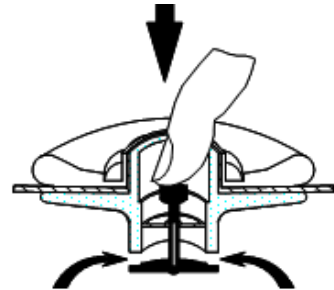


WARNING!!!

IF YOUR BOAT IS OVERINFLATED, THE PRESSURE WILL ABNORMALLY WEAR THE INFLATABLE STRUCTURE WHICH MAY LEAD TO A BREACH OF THE ASSEMBLY.

SHOULD AN OVERPRESSURE OCCUR

Release air by pressing on the valve knob



III- Propulsion system

Comply with the instructions provided by ZODIAC and with the instructions provided by the engine manufacturer when mounting the engine.

To get the best out of your boat, please consult your dealer.

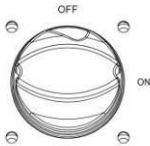

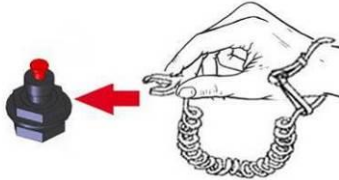
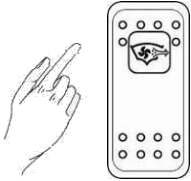

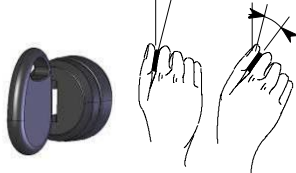
The engine bolts must be fitted through the transom using a screw hole sealing procedure (e.g: using Sikaflex sealant).

HOW TO DRIVE YOUR BOAT

IV- How to drive your boat

Before starting, refer to the Owner's Manual Volume I.

NOTE: Check that the buoyancy chamber is correctly inflated.

<p>1</p> 	<p>2</p> 	<p>3</p> 
Battery switch set to "ON", powered up	Fuel valve to "ON".	Put on and connect the circuit breaker*
<p>4</p> 	<p>5</p> 	<p>6</p> 
Ventilate for 4 minutes	Throttle lever in neutral	Action the starter.

* If the coxswain falls overboard, immediately stopping the engine considerably reduces the risks of serious or fatal injury caused by being run over by the boat. Always couple the two ends of the emergency circuit breaker correctly.



DANGER!!!

- TURN OFF THE ENGINE IMMEDIATELY AS SOON AS A SWIMMER COMES CLOSE TO THE BOAT. THEY RISK BEING SERIOUSLY INJURED BY A ROTATING PROPELLER.



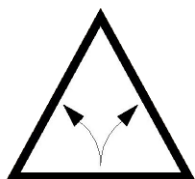
WARNING!!!

WHEN UNDERWAY, KEEP ALL LOCKERS, DECK HATCHES AND TANK ACCESS HATCH CLOSED.

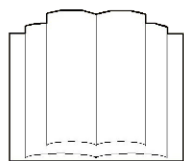
BREAKING WAVES CAN BE A SIGNIFICANT DANGER FOR STABILITY AND CAUSE FLOODING.

- SHOULD A DECK HATCH SEAL BECOME DAMAGED, PLEASE CONTACT YOUR DEALER TO ENSURE REPLACEMENT AS SOON AS POSSIBLE.

- AVOID ABRUPT MANOEUVRES AT FULL SPEED. REDUCE SPEED IN WAVES FOR THE COMFORT AND SAFETY OF PASSENGERS.



30 KTS MAXIMUM



MANOEUVRABILITY LIMITED TO 30 KTS MAXIMUM.
RISK OF LOSS OF CONTROL IN TIGHT TURNS. REDUCE SPEED BEFORE TURNING IN ANY DIRECTION.

INSTALLATION AND CIRCUIT: FUEL

V- INSTALLATION AND CIRCUIT

V-1 FUEL CIRCUIT

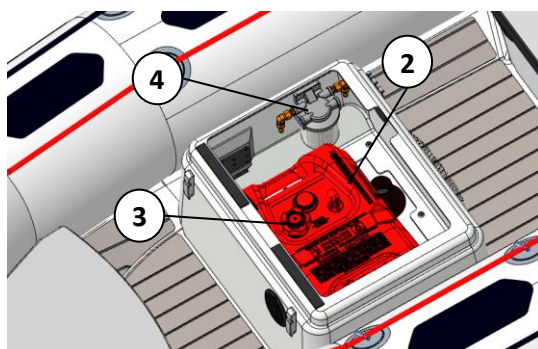
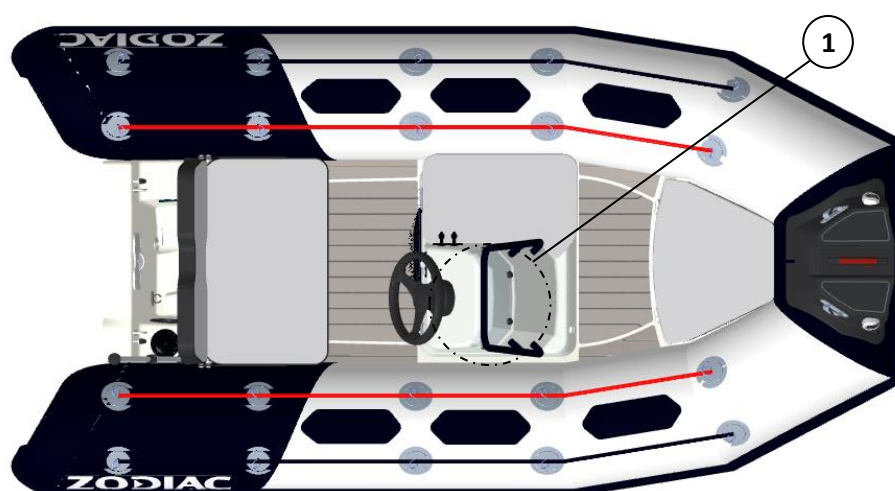


WARNING!!!

DO NOT USE TYPE E10, E85, ETC. BIOFUELS.

V-1-1- Component locations:

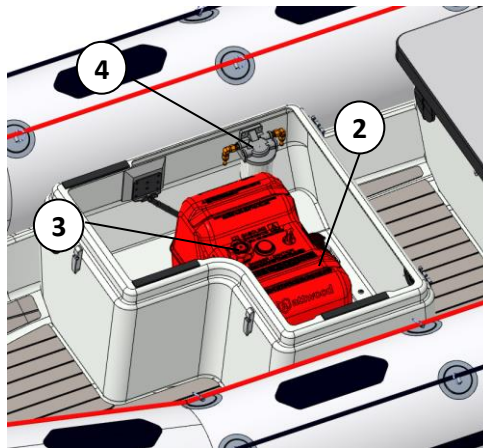
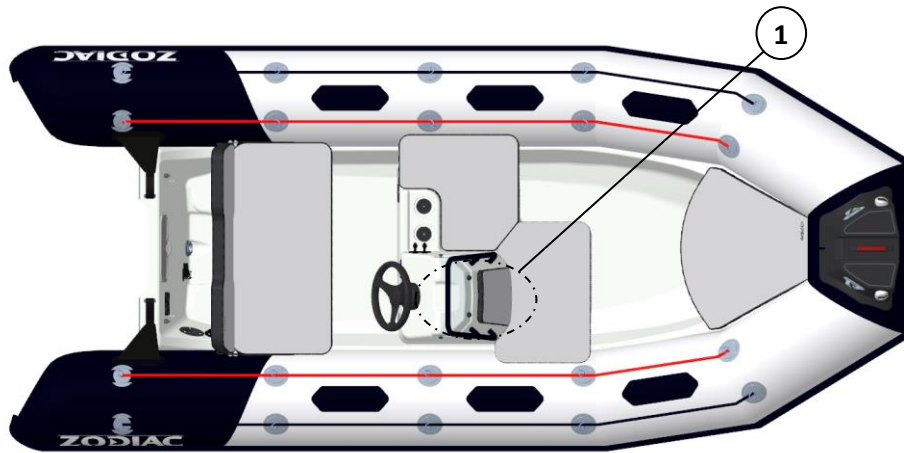
OPEN 3.1 / 3.4



Ref.	DESCRIPTION
1	Tank and filter access
2	Fuel tank (<i>optional</i>)
3	Filling hole with cap
4	Water/fuel separator filter (not supplied)

INSTALLATION AND CIRCUIT: FUEL

OPEN 4.2 / 4.8

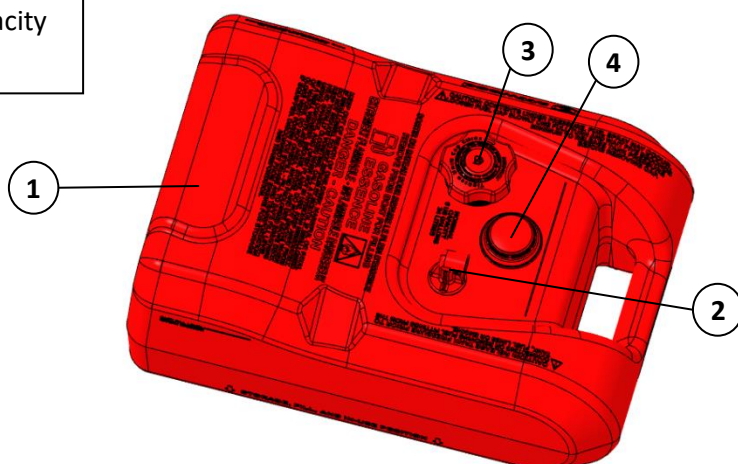


Ref.	DESCRIPTION
1	Tank and filter access
2	Fuel tank (<i>optional</i>)
3	Filling hole with cap
4	Water/fuel separator filter (not supplied)

V-1-2- Portable tank (optional)

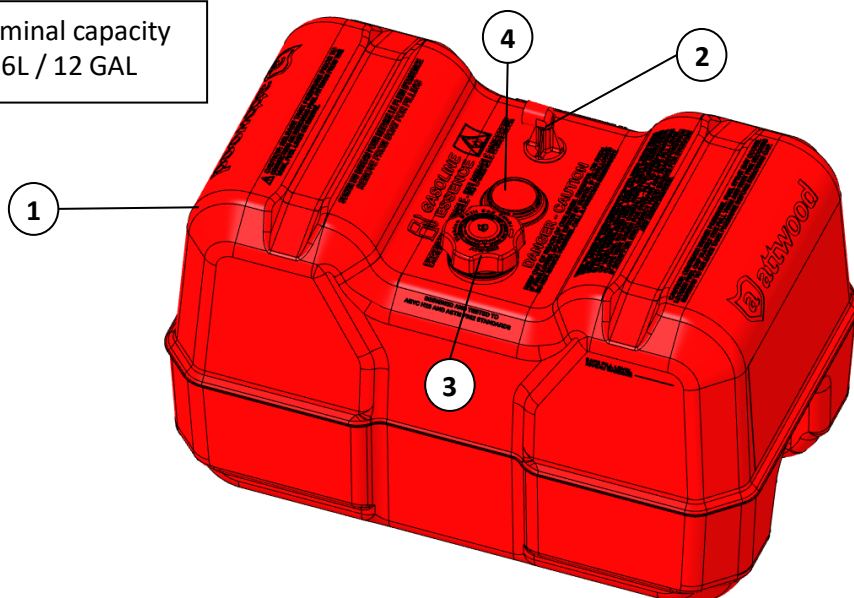
OPEN 3.1 / 3.4

Nominal capacity
= 24L / 6 GAL



OPEN 4.2 / 4.8

Nominal capacity
= 46L / 12 GAL



Ref.	DESCRIPTION
1	Portable tank *
2	Suction tube
3	Tank filler inlet
4	Gauge transmitter

Note: the tank option provides quick connectors and holding straps in order to be able to extract the tank without using tools. Each time before you sail, check that it is correctly held in place and that the connectors are fully connected.

**It may not be possible to use the full nominal capacity of the tank depending on the trim and the load. A 20% reserve is recommended.*



WARNING!!!

IT IS VITAL TO HAVE A GAUGE DIAL. IT IS SUPPLIED WITH THE ENGINE. IF IT IS NOT PROVIDED, CONTACT YOUR DEALER.

A standard US type sensor is used:

Impedance (tank empty position) 30 Ohm

Impedance (tank full position) 240 Ohm

All the dials on the market are compatible, with a few very rare exceptions.

To connect it, refer to the electrical diagram.

V-1-3- Water separating fuel filter (not provided)

To protect the engine, a water separating fuel filter is fitted to the engine fuel supply line.

The predefined location is in the console. As the attachments are pass-through, make sure that the zone is made water-tight during assembly.



Ref.	DESCRIPTION
1	Water/fuel separator filter
2	Replaceable filter cartridge

Make sure that there is no water in the metal bowl each time you use your boat:

- Slightly unscrew the drain cap (do not remove it completely);
- Drain the water;
- Screw the drain cap back on if only petrol remains in the bowl.

Repeat the operation more often if your engine does not run properly.



WARNING!!!

IT IS ESSENTIAL TO REPLACE THE CARTRIDGE EVERY 50 OPERATING HOURS.

CONTACT YOUR DEALER TO PURCHASE A REPLACEMENT FILTER CARTRIDGE.

CHANGING THE FILTER CARTRIDGE

Comply with ZODIAC's recommendations and with the filter manufacturer's recommendations. Follow the manual or the engine manufacturer's instructions. Follow the manual or the engine manufacturer's instructions

Place a draining funnel under the cartridge to be replaced.

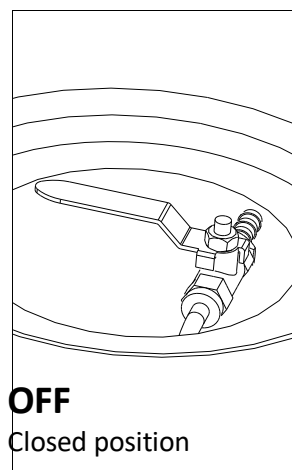
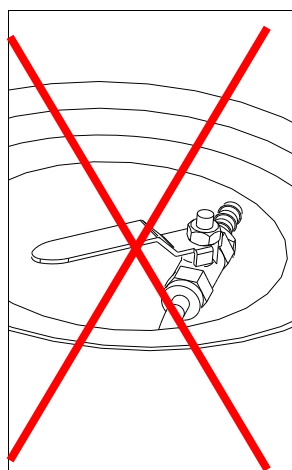
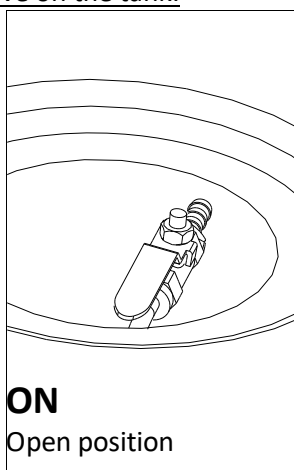
Before replacing the filter, the pressure in the fuel feed system must be released.



V-1-4- Using the fuel supply circuit cut-off valves: (not provided)

We recommend installing a valve on your fuel circuit, between the engine and your tank. When not using your boat, close the fuel circuit valve.

Fuel circuit valve on the tank:



WARNING:

IF A FIRE BREAKS OUT ONBOARD, SHUTDOWN THE ENGINE AND CLOSE THE FUEL SUPPLY VALVES.

V-1-5- Recommendations



WARNING:

- IF THERE IS A FUEL LEAK OR FIRE ONBOARD, THE FUEL CIRCUIT CUT-OFF VALVE LOCATED ON THE FUEL TANK IS USED TO CUT-OFF THE FUEL TANK FROM THE FUEL CIRCUIT AND IT MUST REMAIN CLOSED.
- HAVING A FULL TANK AVOIDS CONDENSATION APPEARING ON EACH OUTLET.
- HAVE THE FUEL TANK CLEANED EVERY 5 YEARS.
- CHECK THE TIGHTENING OF THE CLAMPS ON ALL THE HOSES.
- WHEN DRAINING THE FILTER, DO NOT EMPTY THE WATER INTO THE BOAT, USE A RECOVERY CONTAINER UNDER THE FILTER.
- SHUT OFF THE POWER SUPPLY BEFORE REMOVING THE FILTER CARTRIDGE.
- CAREFULLY READ THE INFORMATION ON THE FILTER'S INSTRUCTIONS.
- PETROL IS EXTREMELY INFLAMMABLE. MAKE SURE THAT THE ENGINES ARE STOPPED BEFORE WORKING ON THE FUEL SYSTEM.
- DO NOT SMOKE; KEEP ALL NAKED FLAMES OR INCANDESCENT BODIES WELL AWAY FROM THE WORK AREA.
- NEVER DRILL THE TANK AREA (AS SHOWN FROM THE DECK BY THE HATCH OVER IT) WITH A DRILL BIT THAT PROTRUDES FROM THE DRILL CHUCK BY MORE THAN 50 MM AND NEVER USE SCREWS THAT ARE MORE THAN 20 MM LONG.



DANGER!!!

DO NOT STORE FLAMMABLE PRODUCTS IN THE REAR COMPARTMENT. IT IS STRICTLY FORBIDDEN TO STORE A SPARE FUEL TANK.



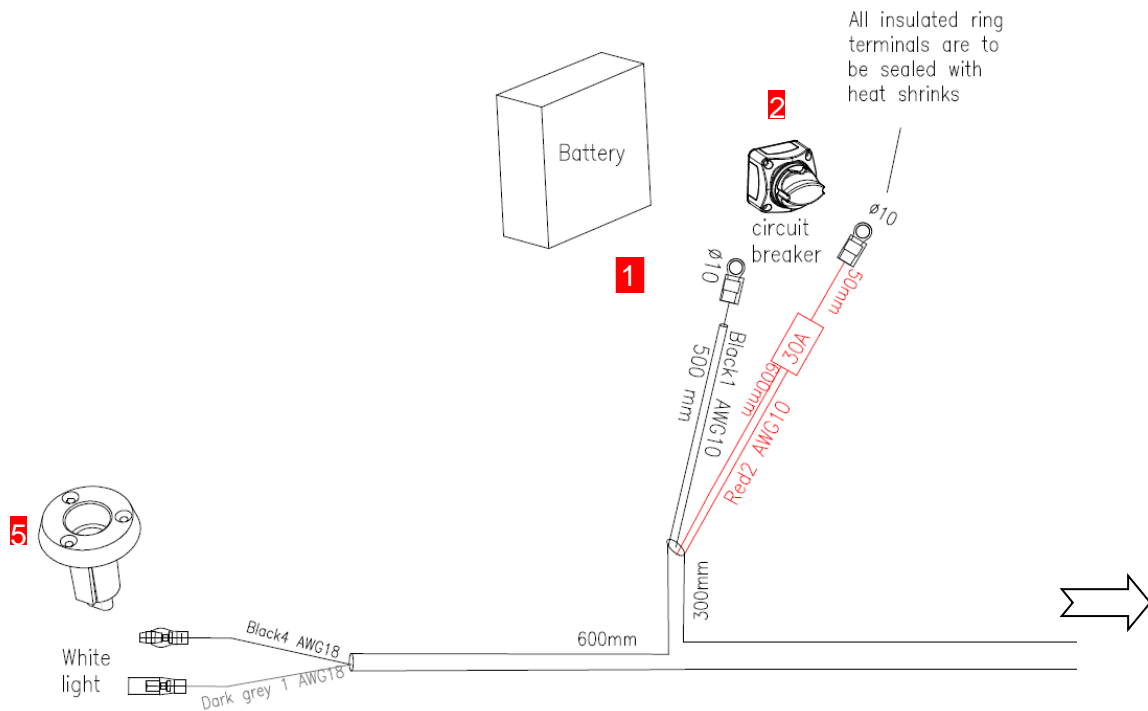
WARNING!!!

DO NOT UNDER ANY CIRCUMSTANCES CHANGE THE FUEL INSTALLATIONS OR ALLOW UNQUALIFIED PEOPLE TO CARRY OUT MODIFICATIONS TO THESE CIRCUITS.

INSTALLATION AND CIRCUIT: ELECTRICITY

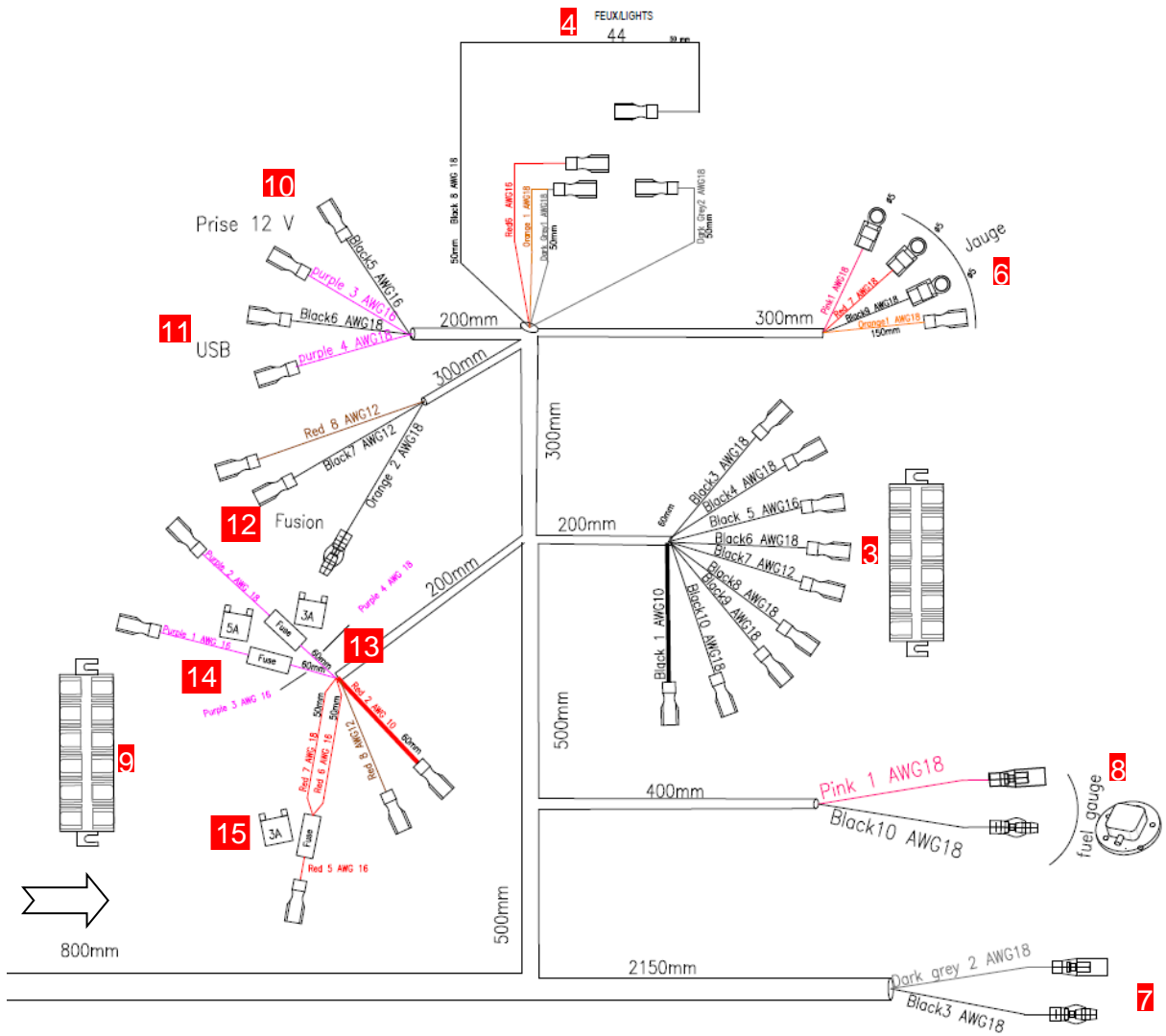
Ref.	DESCRIPTION
1	Navigation light switch
2	White light (optional)
3	Red / green light
4	USB plug (console)
5	12 Volt plug (console)
6	Circuit-breaker (optional)
7	30 A general fuse

V-2-1-2- General wiring plan



Ref.	DESCRIPTION	
1	Battery connection	
2	Circuit breaker connection	
3	Bus bar ground connection	
4	Navigation light switch connection	
5	White light connection	
6	Petrol gauge dial connection	
7	Red green light connection	
8	Petrol gauge transmitter connection	
9	Positive bus bar connection	
10	12 Volt power socket connection (console)	
11	USB plug connection	
12	Radio set connection (optional)	
13	3A fuse USB socket	Purple 4 AWG18
14	5A fuse 12 volt socket	Purple 3 AWG18
15	3A fuse navigation lights	Red 6 & 7 AWG18

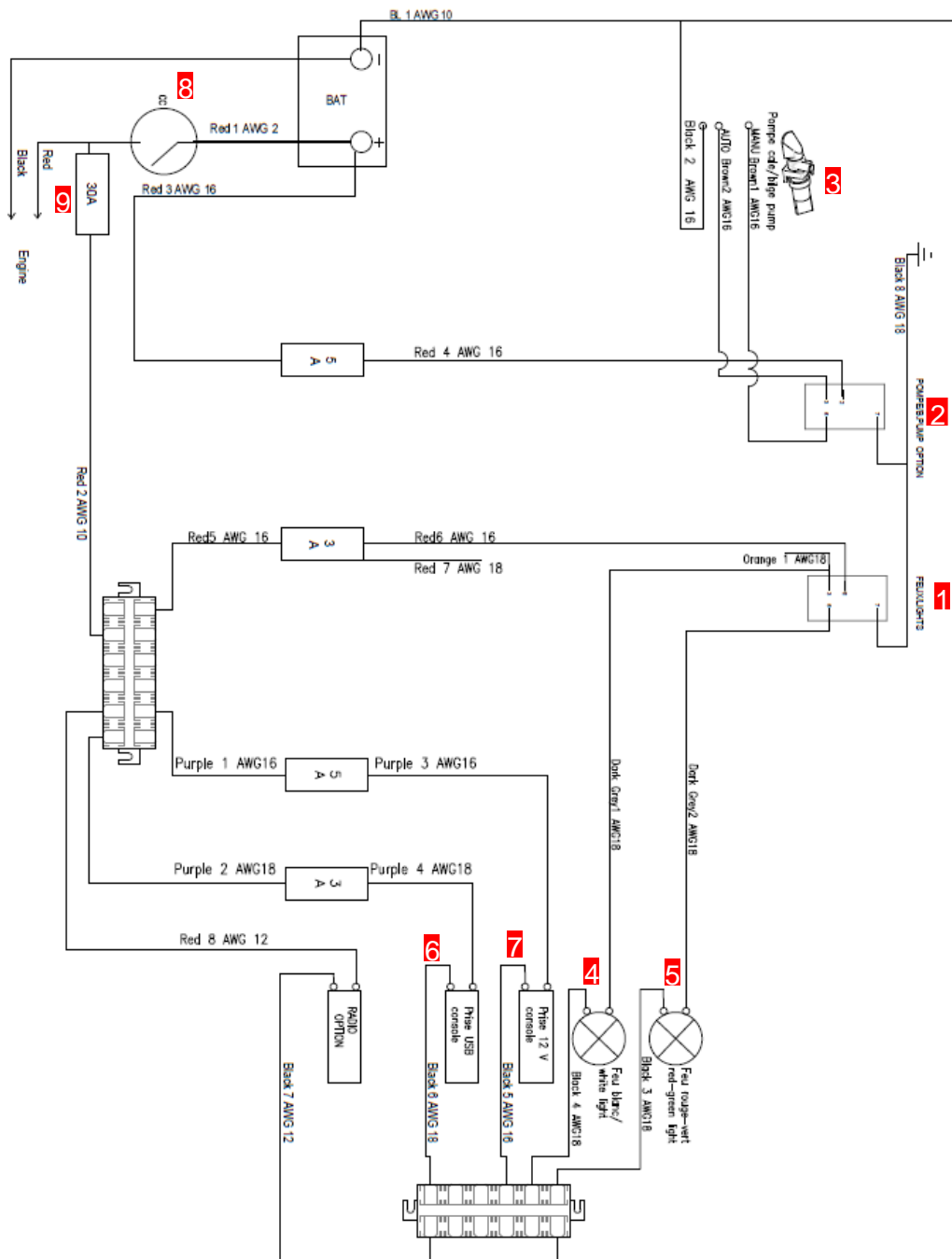
INSTALLATION AND CIRCUIT: ELECTRICITY



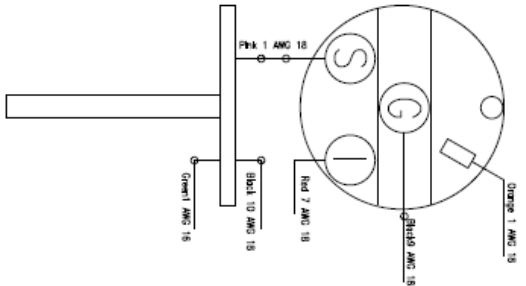
INSTALLATION AND CIRCUIT: ELECTRICITY

V-2-2- OPEN 4.8

V-2-2-1- General wiring diagram



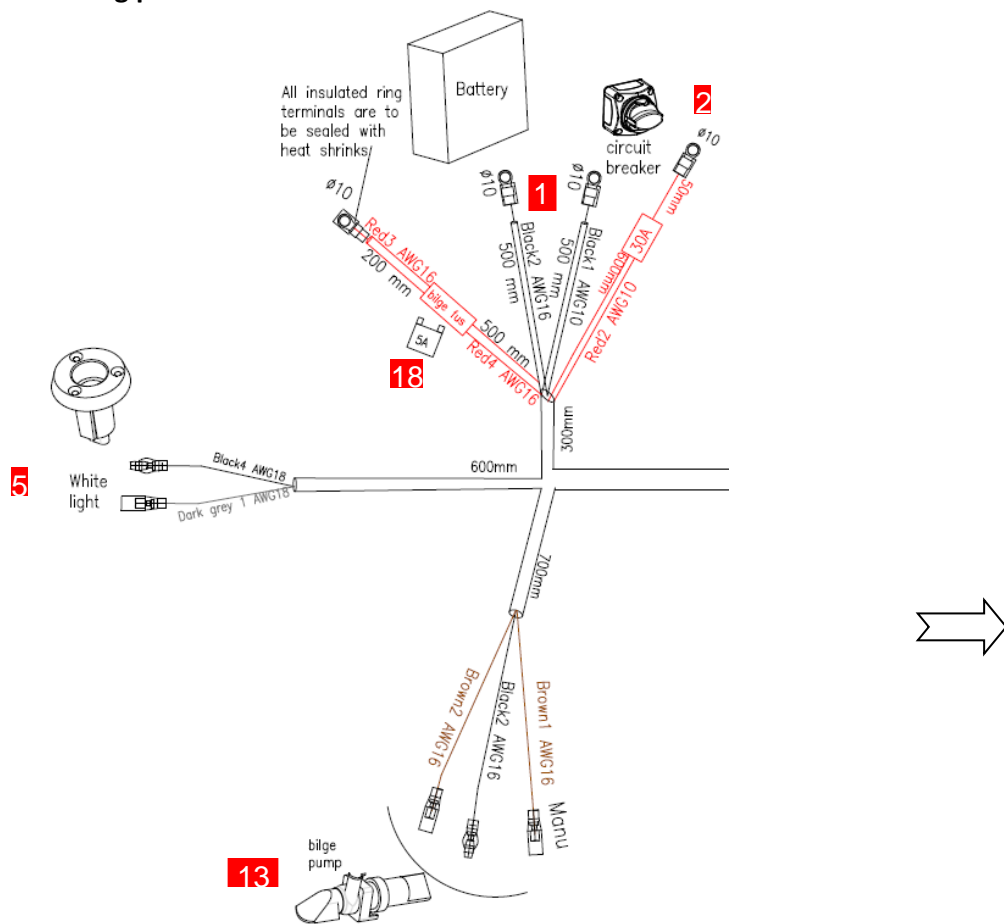
This document is available in PDF format from your dealer



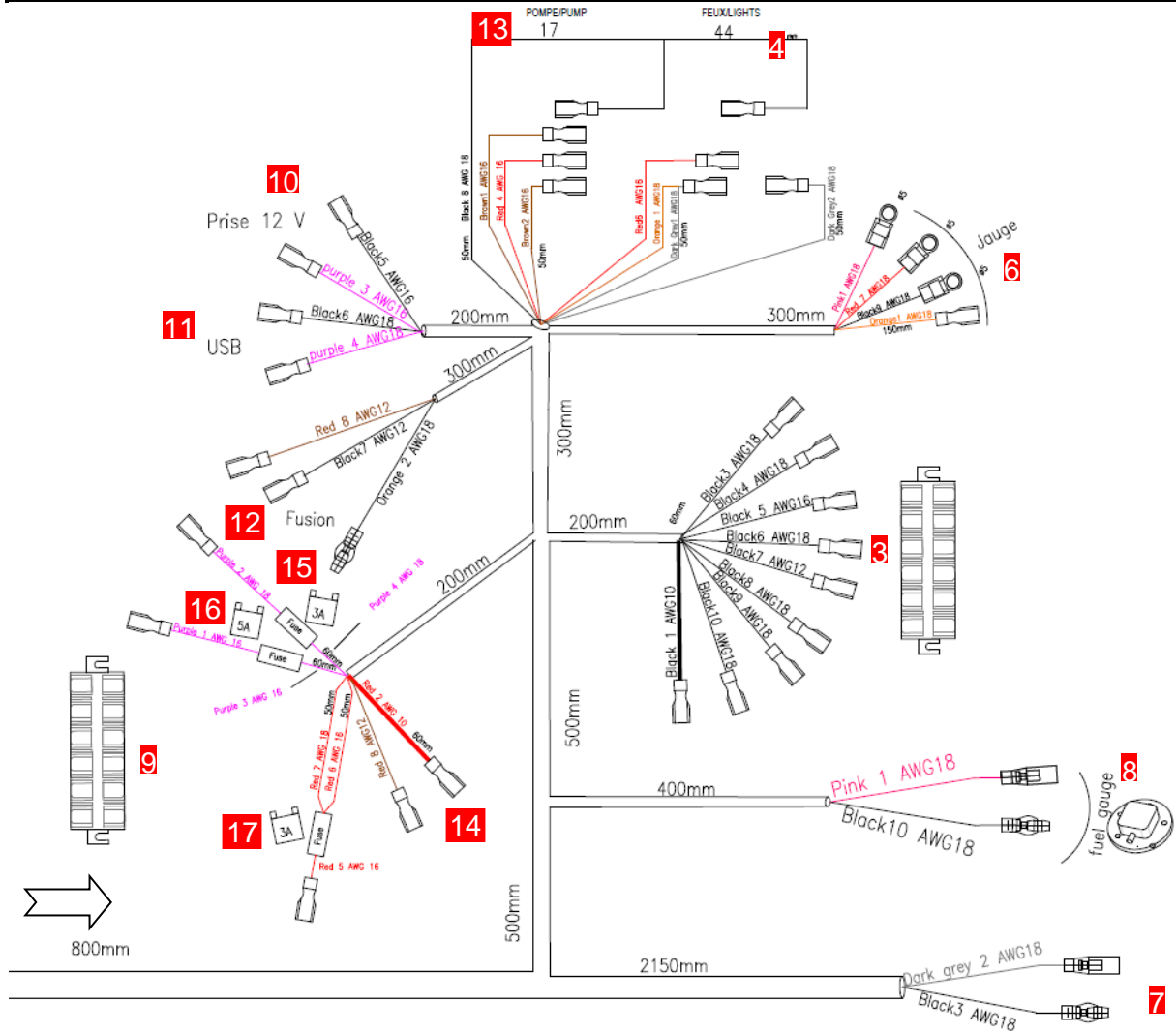
INSTALLATION AND CIRCUIT: ELECTRICITY

Ref.	DESCRIPTION
1	Navigation light switch
2	Bilge pump switch (optional)
3	Bilge pump (optional)
4	White light (optional)
5	Red / green light
6	USB plug (console)
7	12 Volt plug (console)
8	Circuit-breaker (optional)
9	30 A general fuse

V-2-2-2- General wiring plan

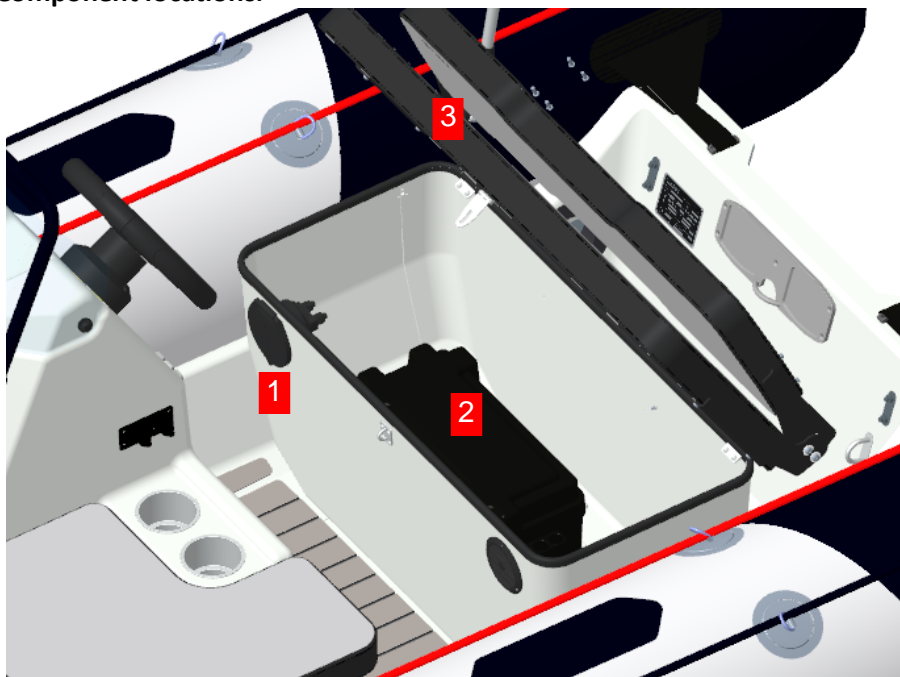


INSTALLATION AND CIRCUIT: ELECTRICITY



Ref.	DESCRIPTION
1	Battery connection
2	Circuit breaker connection
3	Bus bar ground connection
4	Navigation light switch connection
5	White light connection
6	Petrol gauge dial connection
7	Red green light connection
8	Petrol gauge transmitter connection
9	Positive bus bar connection
10	12 Volt power socket connection (console)
11	USB plug connection
12	Radio set connection (optional)
13	Bilge pump switch connection (optional)
14	Bilge pump connection (optional)
15	3A fuse USB socket Purple 4 AWG18
16	5A fuse 12 volt socket Purple 3 AWG18
17	3A fuse navigation lights Red 6 & 7 AWG18
18	5A fuse bilge pump Purple 3 AWG18

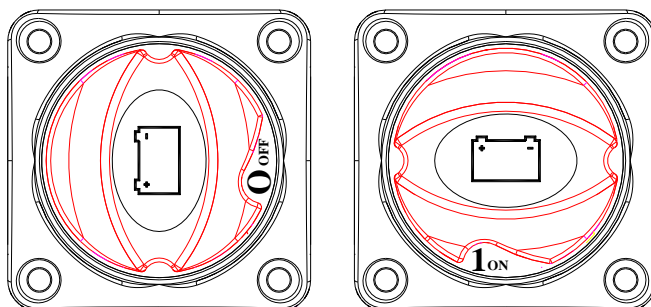
V-2-3- Component locations:



Ref.	DESCRIPTION
1	Circuit-breaker (optional)
2	Battery box
3	Battery maintenance access hatch

V-2-4- Coupe-circuit (option)

When not using your boat, set the circuit breaker in the OFF position.



WARNING
SWITCH OFF THE ENGINE BEFORE PLACING THE CIRCUIT BREAKER IN THE "OFF" POSITION

INSTALLATION AND CIRCUIT: ELECTRICITY

V-2-5- Battery (not supplied)

Comply with ZODIAC's recommendations and with the recommendations of the battery manufacturer for standard maintenance.



MAINTAIN YOUR BATTERY:

- KEEP THE BATTERY CLEAN AND DRY IN ORDER TO AVOID PREMATURE WEAR.
- TIGHTEN AND MAINTAIN THE TERMINAL LUGS BY GREASING THEM REGULARLY WITH VASELINE.



WARNING!!!

THE WATER FROM THE WATER SUPPLY SYSTEM CONTAINS MINERAL WHICH DAMAGE BATTERIES.

ONLY ADD DISTILLED WATER TO THE BATTERY.

WHEN YOU INSTALL THE BATTERY, MAKE SURE THAT NO FUEL TANK, FUEL FILTER OR FUEL LINE CONNECTOR IS WITHIN 12 INCHES (305 MM) OF THE SURFACE OF THE BATTERY.



WARNING

- KEEP THE BATTERIES AND THE ELECTROLYTE OUT OF THE REACH OF CHILDREN.
- ALWAYS KEEP THE BATTERY UPRIGHT, NEVER ON ITS SIDE.
- WHEN ADDING ELECTROLYTE OR WHEN RECHARGING THE BATTERY, ALWAYS REMOVE IT FROM THE ENGINE COMPARTMENT.
- BATTERY ELECTROLYTE IS A TOXIC AND DANGEROUS LIQUID. IT CONTAINS SULPHURIC ACID WHICH CAN CAUSE SERIOUS BURNS. AVOID CONTACT WITH SKIN, EYES AND CLOTHES.
- BATTERIES CAN EMIT EXPLOSIVE GASES. KEEP THEM AWAY FROM SPARKS, NAKED FLAMES, AND CIGARETTES ETC.
- WHEN CHARGING OR USING A BATTERY, WORK IN A WELL-VENTILATED ENVIRONMENT. ALWAYS PROTECT YOUR EYES WHEN WORKING CLOSE TO A BATTERY.

NOTE:

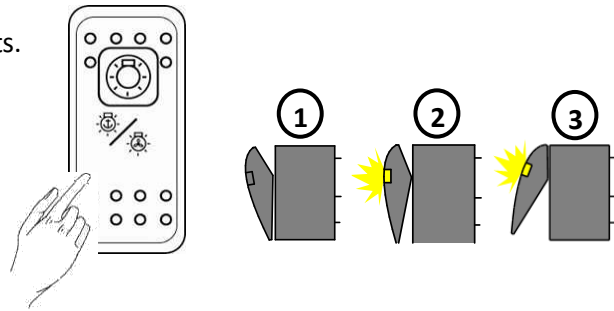
- When you do not intend to use your boat for a month or more, remove the battery and store it in a cool, dark, dry place. Fully recharge the battery before reusing it.
- If the battery is to be stored for a longer period of time, check the electrolyte density at least once a month and recharge the battery as soon as the density falls too far.
- Electrolyte density: 1.28 at 20°C.

INSTALLATION AND CIRCUIT: ELECTRICITY+

V-2-6- Navigation lights

Use this button to switch on the navigation lights. It has 3 positions.

- ① Off position
- ② White light position
- ③ White light, red light and green light position.



V-2-7- Wiring an accessory

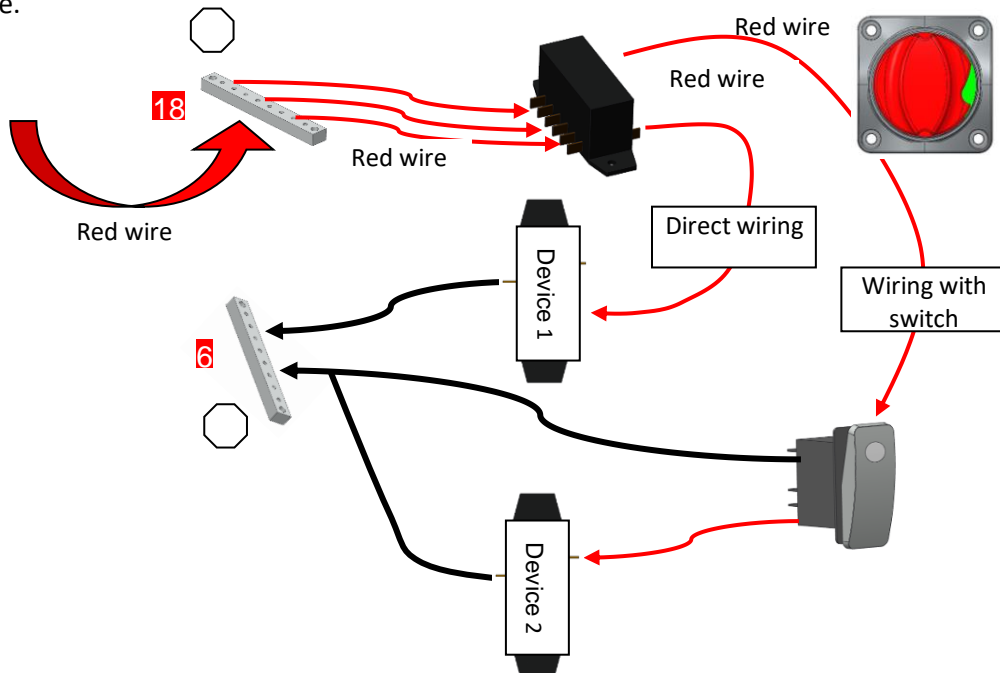
1º/ Choose a free fuse location.

2º/ Connect the power supply of your accessory to the terminal corresponding to this slot using a 6mm female tab type terminal.

3º/ If you have to add cable for the connection, use cable with a cross-section of at least 1.5mm² that complies with "marine" standards (UL1426 or SAE J378 or SAE J1127 or SAE J1128 or more generally meeting ABYC and/or EC standards).

4º/ Connect the earth cable of your accessory to the ground terminal strip using a Ø5 "ring terminal" (same comment as for the cable above).

5º/ Insert an ATO type fuse with a max current of 15A and greater than the load current of your device.



INSTALLATION AND CIRCUIT – CONNECTING OPTIONS

V-2-1- Wiring OPEN 3.1 / 3.4 /4.8 options

The boat is fitted with a USB/12V plug as standard. However, it is also possible to add extra accessories under certain conditions:

- ① The accessories you want to add must be connected to the console.
- ② The accessories come in two categories:
 - A → accessories that are or may be used continuously during normal boat operation,
 - B → accessories that are used intermittently.

A		and	B	
Windscreen wipers			Cigar lighter (standard)	
Radio			Miscellaneous lighting	
Depth sounder			Horn	
GPS			Miscellaneous electronic equipment	
Searchlight			Shower pump	
Alarm system			Max. power	72W max.
Refrigerator				
VHF				
Σ	240W max.			



WARNING

You must make sure that the total power of the accessories you add in column A is 240W (20A) or less AND that the max power of an accessory in column B is 72W (6A) or less.

The sections of the different cables in the wiring circuit were calculated using these figures; not following this rule may lead to electrical faults and cause short circuits.

You may connect the options directly to the positive and negative console ground terminal (within the max. power limits), using an approved fuse-holder.

NOTE: If you are getting several pieces of electrical equipment installed, the total immediate consumption could potentially exceed your outboard engine's charge capacity.

For example, the electrical wiring harness can accept instant consumption of 570 W (including navigation lights and bilge pump), which is a little less than a 48A output current. The alternators in the engines fitted generally provide 15 A when at full throttle. Check your engine's technical documentation. You should therefore avoid using this equipment over a long period of time, as you run the risk of emptying the battery and not being able to restart the engine.

INSTALLATION AND CIRCUIT – CONNECTING OPTIONS

V-2-2- Connecting OPEN 4.8 options

A		B	
Windscreen wipers		Cigar lighter (standard)	
Radio		Miscellaneous lighting	
Depth sounder		Horn	
GPS		Miscellaneous electronic equipment	
Searchlight		Shower pump	
Alarm system		Max. power	102W max.
Refrigerator			
VHF			
Σ	336W max.		



WARNING

You must make sure that the total power of the accessories you add in column A is 336W (28A) or less AND that the max power of an accessory in column B is 102W (8.5A) or less.

The sections of the different cables in the wiring circuit were calculated using these figures; not following this rule may lead to electrical faults and cause short circuits.

You may connect the options directly to the positive and negative console ground terminal (within the max. power limits), using an approved fuse-holder.

Example 1

You may add:

- A 72W VHF set,
- A 36W GPS unit,
- A 180W radio,
- LED vanity lights 10W
- Shower pump 48W

A		B	
Windscreen wipers		Cigar lighter (standard)	
Radio	180W	Miscellaneous lighting	10 W
Depth sounder		Horn	
GPS	36W	Miscellaneous electronic equipment	
Searchlight		Shower pump	48 W
Alarm system		Max. power	58W (< or = 102W)
Refrigerator			
VHF	72W		
Σ	288W < 336W ☺		

CONCLUSION



INSTALLATION AND CIRCUIT – CONNECTING OPTIONS

Example 2

You may add:

- A 60W VHF set,
- A 36W GPS unit,
- A 180W radio,
- A 120W searchlight.

A	
Windscreen wipers	
Radio	180W
Depth sounder	
GPS	36W
Searchlight	120W
Alarm system	
Refrigerator	
VHF	60W
Σ	396W > 336W 💡

and

B	
Cigar lighter (standard)	
Miscellaneous lighting	
Horn	
Miscellaneous electronic equipment	
Shower pump	
Max. power	0W (< or = 102W) ↻

CONCLUSION



Example 3

You may add:

- A 60W GPS unit,
- A 180W radio,
- A 120W horn.

A	
Windscreen wipers	
Radio	180W
Depth sounder	
GPS	60W
Searchlight	
Alarm system	
Refrigerator	
VHF	
Σ	240W < 336W ↻

and

B	
Cigar lighter (standard)	
Miscellaneous lighting	
Horn	
Miscellaneous electronic equipment	120W
Shower pump	
Max. power	120 W (>102W) 💡

CONCLUSION

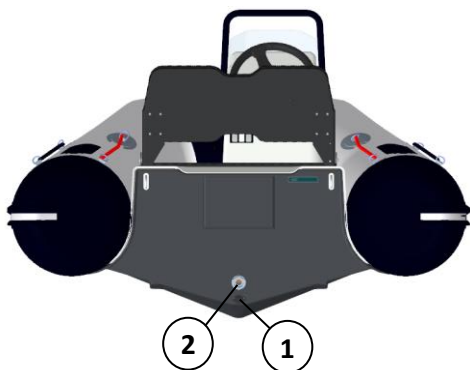


NOTE: Some manufacturers will indicate the amperage rather than the absorbed power. With direct current, as is the case here, just multiply by 12 to obtain the power.

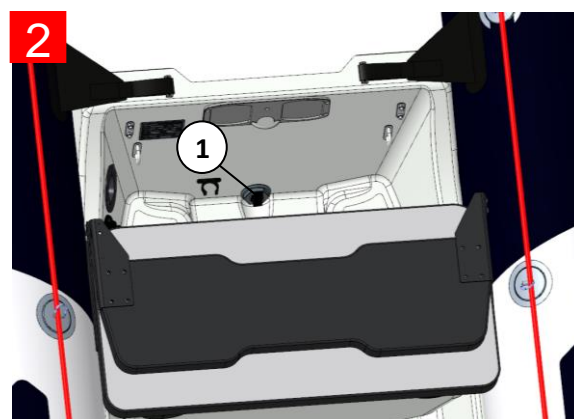
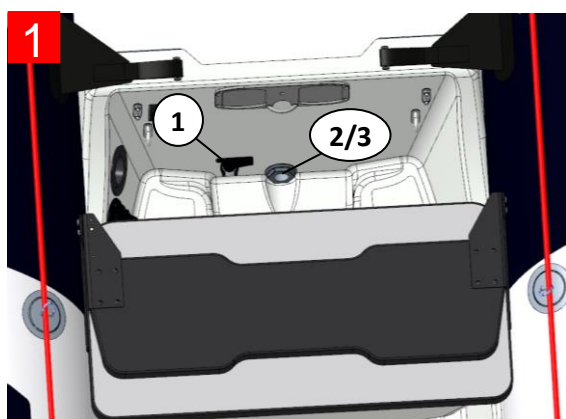
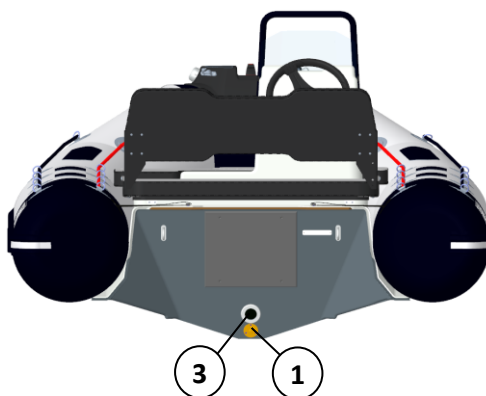
V-3 INSTALLATION OF THE DRAINING SYSTEMS

V-3-1- Description of the functional elements

OPEN 3.1 / 3.4



OPEN 4.2 / 4.8



Ref.	DESCRIPTION
1	Hull scupper
2	Through-hull
3	Through-hull with membrane
4	Through-hull plug

V-3-2- Through-hull plugs

Boat out of the water (on a trailer, cradle, etc.)



- PLUGS IN POSITION (1)

Boat in the water...



- **WHEN SAILING, PLUGS INSERTED IN THE THROUGH-HULL (2)**
- **WATER DRAINING PROCEDURE.**
 - STOPPED: PLUGS IN POSITION (1), THEN SAIL IN PLANING POSITION (> 6 KNOTS). PLACE PARTS BACK IN POSITION (2) WHEN THE WATER IS DRAINED.

- AT ANCHOR:
 - AT A TEMPORARY MOORING OR IN OTHER SITUATIONS WHERE THE BOAT IS UNLIKELY TO TAKE IN LARGE AMOUNTS OF WATER (HEAVY RAIN, BREAKING WAVES), PLACE THE PARTS IN POSITION (1) OR (2).
 - LONG-TERM OR RISKY ANCHORAGE: PLUGS OUT (1).



WARNING

IF THE BOAT TAKES IN LARGE AMOUNTS OF WATER FROM THE OUTSIDE (HEAVY RAIN, WAKE, ETC.) AND THE THROUGH-HULLS ARE PLUGGED, THE BOAT RISKS BEING SUBMERGED (BATHTUB EFFECT). THE WATER TAKEN ON MAY THEN ACCUMULATE IN THE BILGE AND MAKE THE BOAT MUCH HEAVIER CAUSING IT TO LIE LOW IN THE WATER AND CAUSE SERIOUS DAMAGE TO CERTAIN UNITS SUCH AS THE ENGINE OR THE ELECTRICAL CIRCUITS.

V-3-3- Hull scupper:



Boat out of the water (on a trailer, cradle, etc.)



OPEN POSITION, SCUPPER PLUG REMOVED.

Boat in the water...



**CLOSED POSITION, SCUPPER PLUG IN PLACE.
(ALWAYS ENSURE THAT THE SCUPPER PLUG IS PROPERLY CLOSED/TIGHT).**

V-4 STEERING

Comply with the steering manufacturer's recommendations (installation, use and maintenance).

To get the best out of your boat, please consult your dealer.

V-5 FIRE



WARNING

- **WE RECOMMEND THAT YOU ALWAYS HAVE A FIRE EXTINGUISHER ONBOARD. ALWAYS COMPLY WITH THE APPLICABLE LAWS IN YOUR COUNTRY.**
- **NEVER PLACE INFLAMMABLE MATERIALS CLOSE TO, OR ABOVE COOKING APPLIANCES.**

The boat is delivered without a fire extinguisher. It is your responsibility to ensure full compliance with the regulations that apply in your place of registration. When in service, the boat should be equipped with portable fire extinguishers.

The recommended position for the extinguisher is inside the stern locker or console.

Take care to keep the bilges clean and check at regular intervals that there are no fuel leaks or vapours

Never leave the boat unattended when cooking and/or heating equipment is in use.

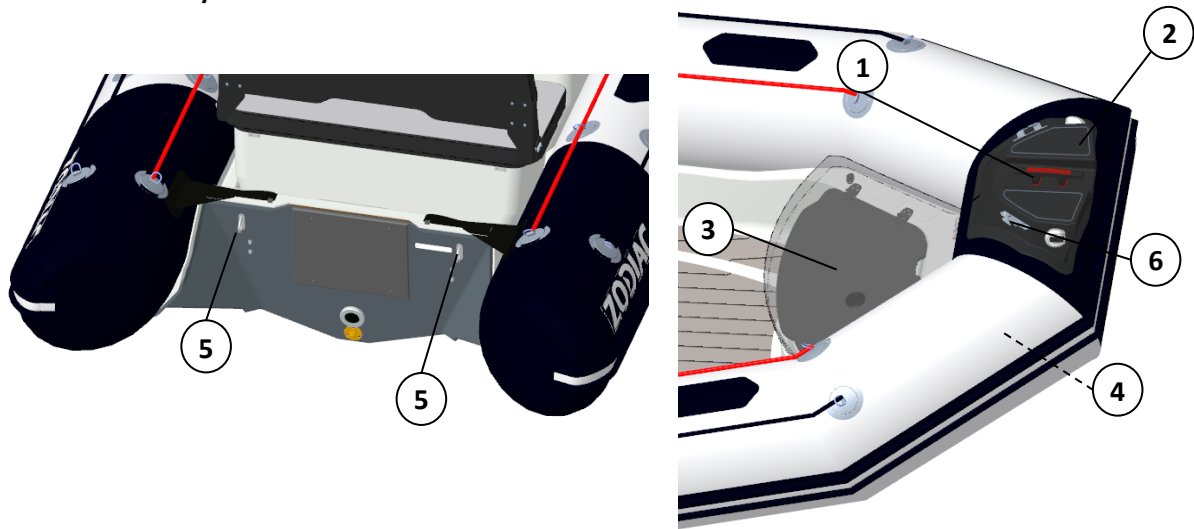
Do not smoke while handling gas or fuel.

Do not obstruct the safety controls, e.g. fuel shut-off valves, electrical system switches.

Do not fill the fuel tank when the engine is running or when cooking equipment is operating.

INSTALLATION AND CIRCUIT - Anchoring/mooring

V-6 ANCHORING/MOORING



Ref.	DESCRIPTION
1	Cleats
2	Polyester bow roller
3	Anchor locker
4	Bow plate
5	Transom chain plates
6	Fairleads



WARNING

- **FOR PERMANENT MOORING, USE THE BOW CHAIN PLATE AT THE FRONT OF THE BOAT OR ON THE TRANSOM.**
- **CHOOSE YOUR ANCHOR CHAIN ACCORDING TO THE LENGTH AND WEIGHT OF YOUR BOAT.**

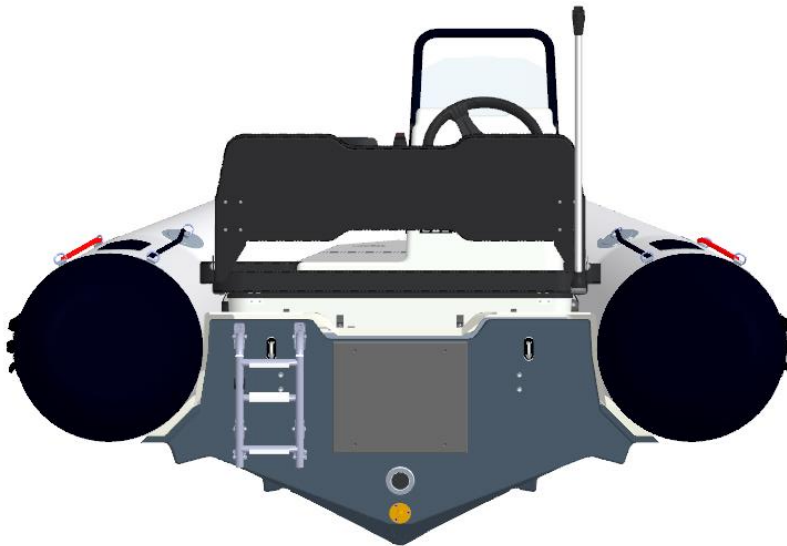
V-7 BOARDING LADDERS (OPTIONAL)

OPEN 3.1 / 3.4 / 4.2

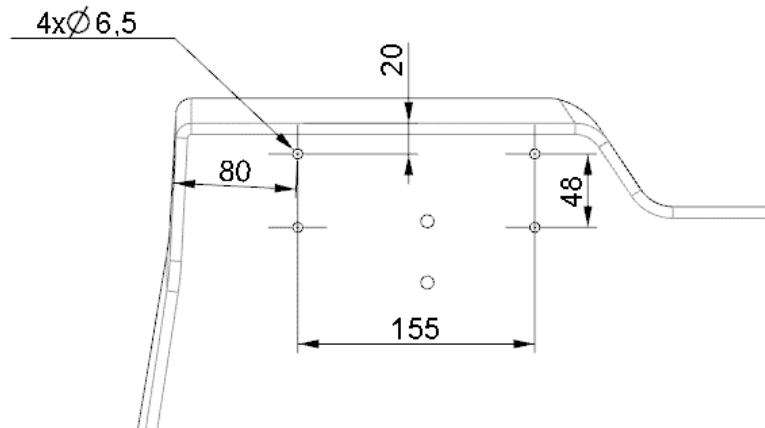
Take the eye nut supplied with the ladder and screw it onto a chain plate on the transom. Hook the ladder onto the eye nut and unfold the ladder onto the buoyancy chamber.



OPEN 4.8



LADDER POSITION



DANGER!!!

ALWAYS MAKE SURE THAT THE ENGINE IS SWITCHED OFF BEFORE ANYONE CLIMBS BACK ON BOARD USING THE STERN LADDER.

WARNING

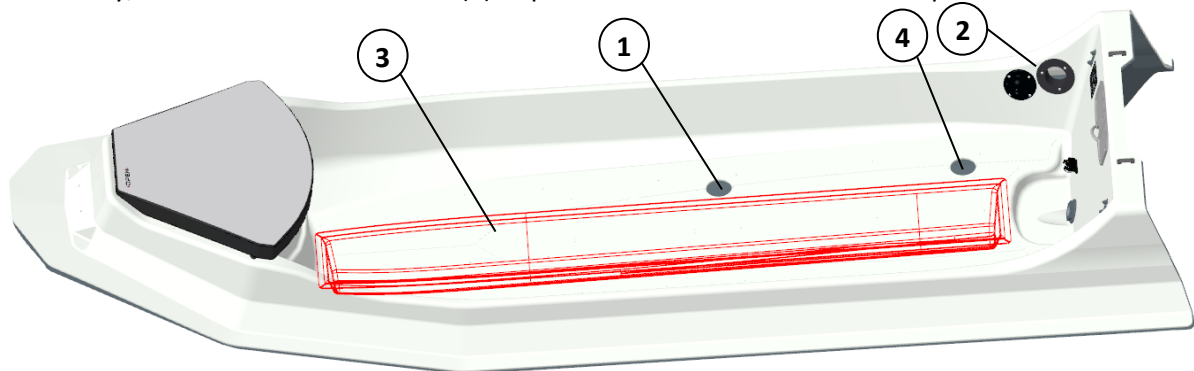
WHEN THE BOAT IS OPERATED ALONE AND WHEN THE BOARDING LADDER CANNOT BE DEPLOYED FROM THE WATER, IT MUST BE LEFT IN PLACE FULL TIME.

V-8 MECHANICAL RIGGING

For appearance purposes, all the cables and wiring for the rigging will pass from the console (1) to the engine (2) through the hull. We recommend passing these different elements through before attaching the equipment definitively to the deck.

We recommend running the cables along the deck counter mould (3) to the boat's chain plate to prevent any blockage.

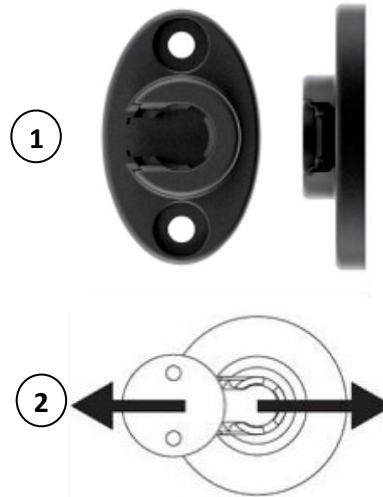
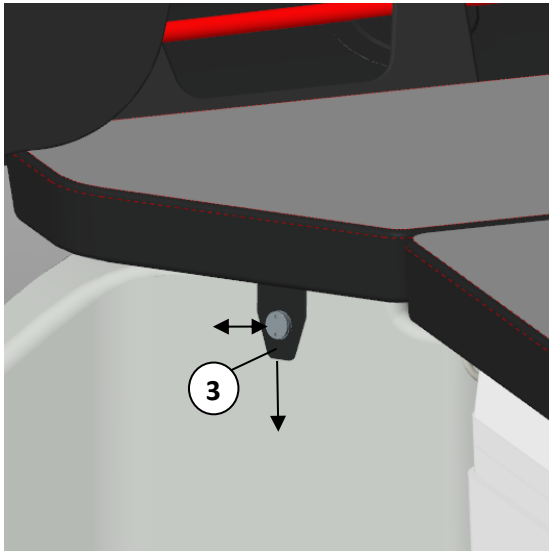
If necessary, use the hole in the bolster (4) to pull the cables towards the chain plate.



V-9 UPHOLSTERY FIXATION

Your boat is equipped with a new type of fixation (1) to maintain the upholstery on the hull. This system provides magnets with a lateral unlocking (2).

- **Unlocking:** Slightly pull the retaining strap (3) downwards and make it slide to the side.
- **Locking:** Slightly pull the retaining strap (3) downwards and make it slide to the interior of the fixation.



WARNING

DO NOT PULL DIRECTLY ON THE UPHOLSTERY TO UNCLIP IT, AS THIS WILL DAMAGE THE NEW FIXATION SYSTEM.

LOCATION OF ACCESSORIES

VI- LOCATION OF ACCESSORIES

VI-1 OPEN 3.1 / 3.4 BIMINI



VI-2 OPEN 4.2 / 4.8 BIMINI

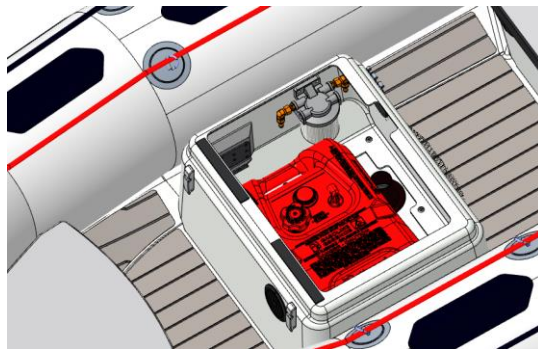


LOCATION OF ACCESSORIES

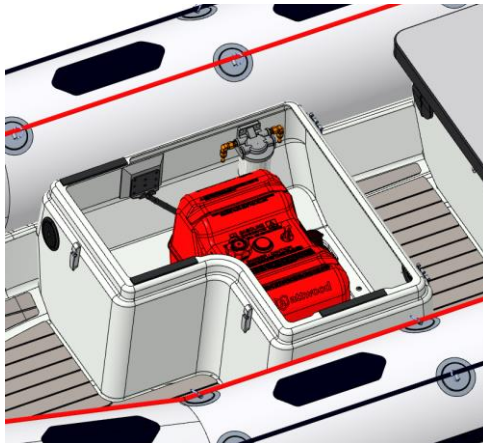
VI-3 OPEN 4.8 ROLL BAR



VI-4 OPEN 3.1 / 3.4 PORTABLE TANKS

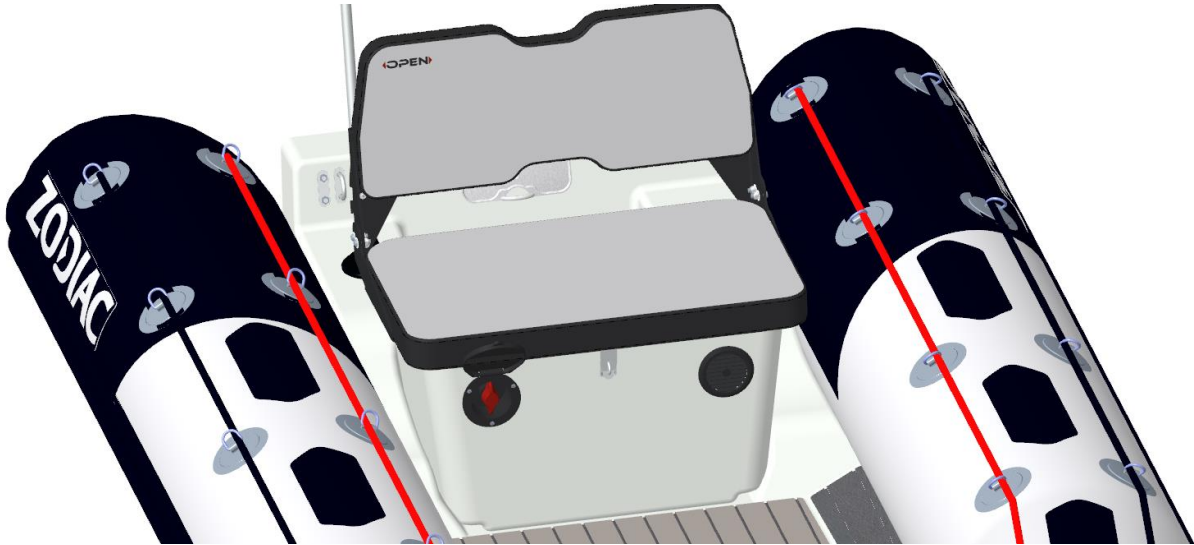


VI-5 OPEN 4.2 / 4.8 PORTABLE TANKS

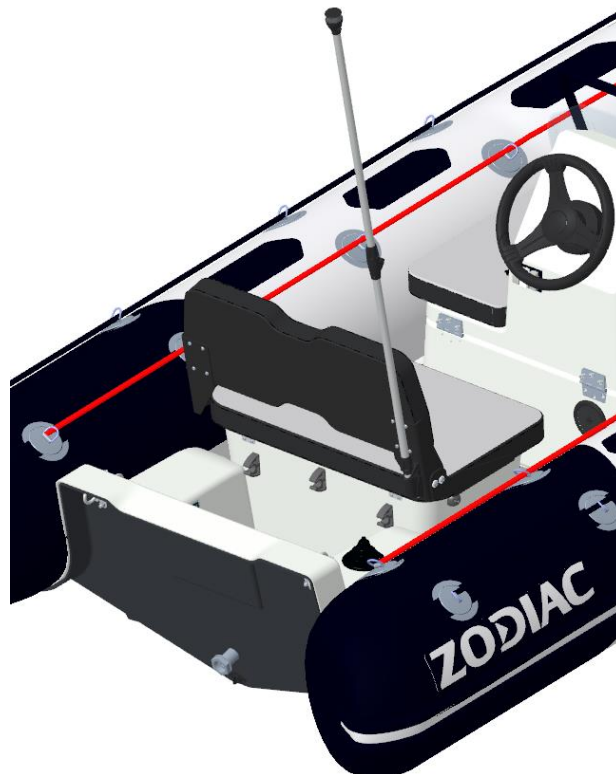


LOCATION OF ACCESSORIES

VI-6 BATTERY SWITCH

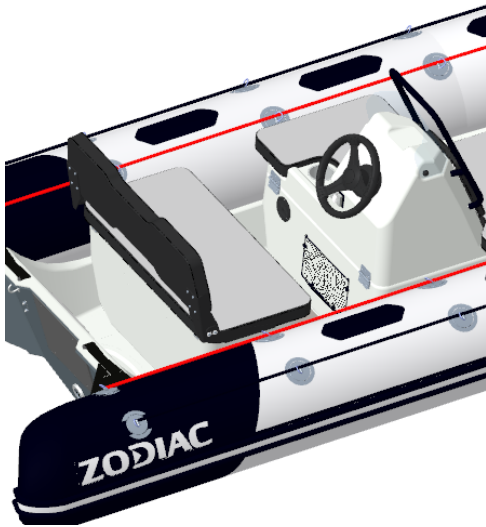


VI-7 WHITE LIGHTS

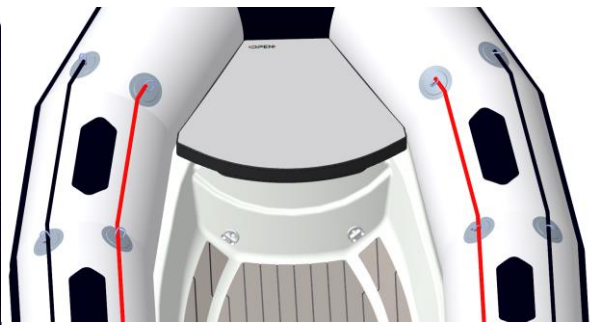
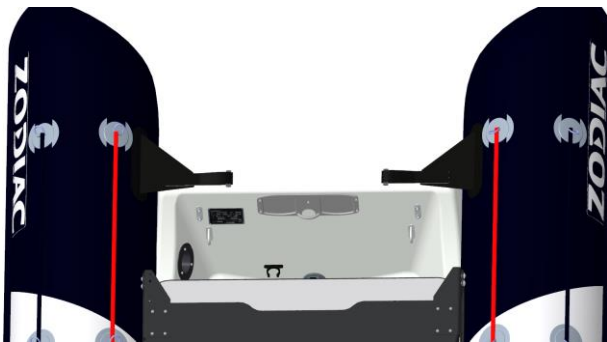


LOCATION OF ACCESSORIES

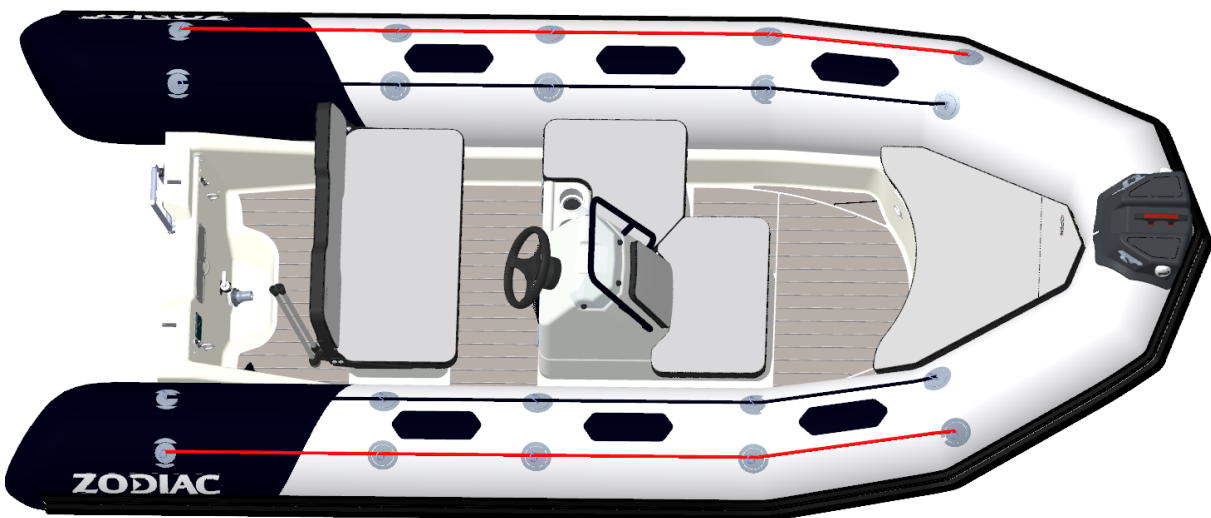
VI-8 STORAGE NET



VI-9 LIFTING KIT



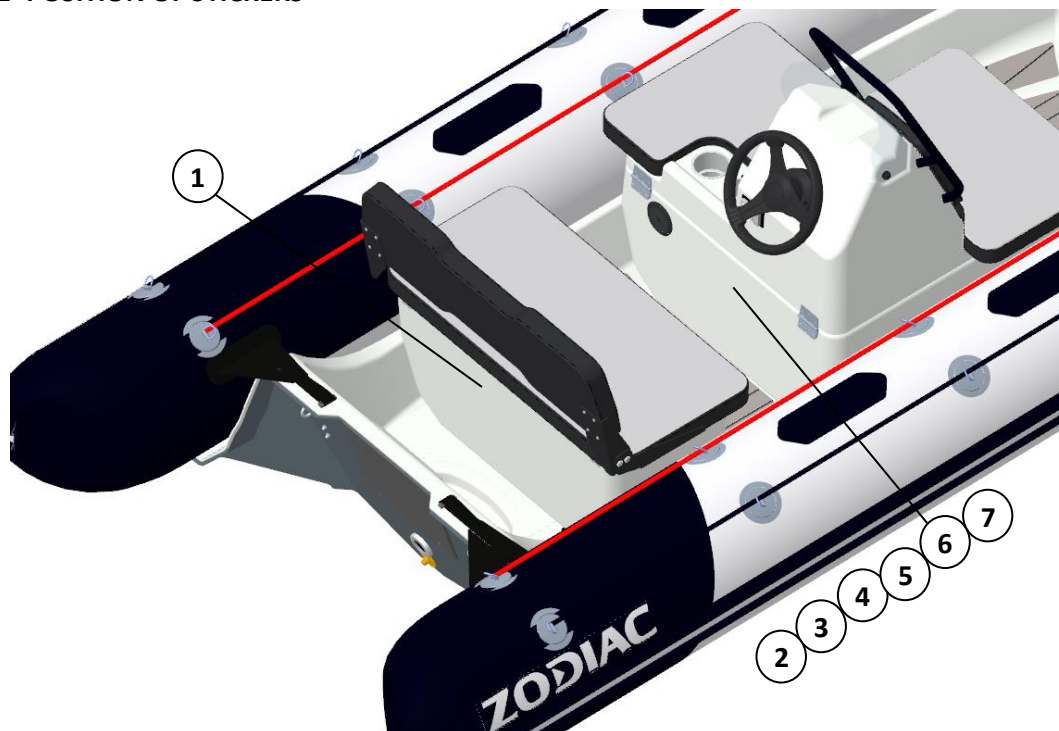
VI-10 EVA DECK



SIGNALLING

VII- SIGNALLING

VII-1 POSITION OF STICKERS



VII-1 DESCRIPTION OF THE STICKERS



⚠ WARNING	⚠ AVERTISSEMENTS
<ul style="list-style-type: none"> • DO NOT TOUCH BATTERY TERMINALS (SHOCK AND ACID HAZARDS) • DISCONNECT BOTH LEADS BEFORE REMOVING BATTERY • CONNECT RED LEAD TO POSITIVE (+) TERMINAL • CONNECT BLACK LEAD TO NEGATIVE (-) TERMINAL 	<ul style="list-style-type: none"> • NE PAS TOUCHER LES TERMINAUX DE LA BATTERIE (RISQUE DE CHOC ELECTRIQUE ET DE CONTACT AVEC L' ACIDE DE LA BATTERIE) • DEBRANCHER LES 2 FILS DE SORTIE AVANT DE RETIRER LA BATTERIE • RELIER LE CABLE ROUGE A LA BORNE (+) • RELIER LE CABLE NOIR A LA BORNE (-)



⚠ WARNING	⚠ AVERTISSEMENTS
<p style="text-align: center;">GASOLINE IS HIGHLY INFLAMMABLE AND EXPLOSIVE</p> <ul style="list-style-type: none"> • STOP ENGINE BEFORE REFUELING • REFUEL IN WELL VENTILATED AREA • NEVER REFUEL WHILE SMOKING, AROUND SPARKS OR OPEN FLAME • AVOID SPILLING FUEL. WIPE UP ALL FUEL SPILLS IMMEDIATELY • LEAKING FUEL IS A FIRE HAZARD AND EXPLOSION HAZARD • INSPECT FUEL SYSTEM BEFORE EACH USE 	<p style="text-align: center;">L' ESSENCE EST TRES FORTEMENT INFLAMMABLE ET EXPLOSIVE</p> <ul style="list-style-type: none"> • ARRETER LE MOTEUR AVANT TOUT REMPLISSAGE. • NE PAS FUMER LORS DU REMPLISSAGE. • FAIRE LE PLEIN DANS UN ENDROIT VENTILE. • EVITER DE RENSER DU CARBURANT. ESSUYER IMMEDIATEMENT TOUTES LES FLAQUES DE CARBURANT CREES • LES FUITES DE CARBURANTS CONSTITUENT UN RISQUE D' INCENDIE ET D' EXPLOSION • VERIFIER LE CIRCUIT CARBURANT AVANT CHAQUE UTILISATION


SIGNALLING

⚠ CAUTION	⚠ ATTENTION
<p>IMPROPERLY TOWING YOUR BOAT CAN CAUSE SEVERE DAMAGE TO YOUR BOAT.</p> <ul style="list-style-type: none"> • NEVER TOW IN OPEN SEAS • NEVER TOW ABOVE 6 KNOTS 	<p>UN REMORQUAGE INAPPROPRIE PEUT ENDOMMAGER VOTRE BATEAU</p> <ul style="list-style-type: none"> • NE PAS REMORQUER EN PLEINE MER • NE PAS REMORQUER A PLUS DE 6 NOEUDS

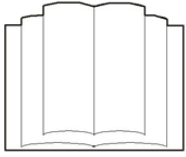
⚠ WARNING	⚠ AVERTISSEMENT
DO NOT LIFT THE BOAT WITH PASSENGERS ON BOARD	NE PAS SOULEVER LE BATEAU AVEC DES PASSAGERS A BORD

⚠ DANGER	⚠ DANGER
TO AVOID INJURY OR DEATH, SHUT OFF ENGINE WHEN NEAR SWIMMERS OR PRIOR TO USING SWIN PLATFORM AND BOARDING LADDER	POUR EVITER DES BLESSURES OU LA MORT, COUPER LE MOTEUR EN APPROCHANT DE NAGEURS, ET AVANT TOUTE UTILISATION DE LA PLATEFORME ARRIERE OU DE L' ECHELLE DE BAIN

⚠ DANGER	⚠ DANGER
A FIRE EXTINGUISHER MUST BE CARRIED AT ALL TIMES	UN EXTINCTEUR DOIT ETRE DISPONIBLE EN PERMANENCE A BORD



30 KNTS MAXIMUM





2 chemin de la Val Priout
31450 AYGUESVIVES
FRANCE

OPEN