

VOLUME 2

	THE OWNER'S MANUAL IS DIVIDED INTO TWO
	VOLUMES:
	- VOLUME 1
	DEALS IN GENERAL WITH THE OPERATING PRECAUTIONS
	AND SAFETY RECOMMENDATIONS TO BE OBSERVED ON
NOTE:	BOARD THE BOAT AND ON THE WATER.
	- VOLUME 2
	DEALS WITH TECHNICAL SPECIFICATIONS AND
	ASSEMBLY PROCEDURE OF THE BOAT AND ITS
	EQUIPMENT.

This manual contains essential information for the protection of users and equipment. The symbols below indicate the warnings specific to each situation.

SAFETY RECOMMENDATIONS

DANGER	MEANS THAT THERE IS AN EXTREMELY SERIOUS DANGER THAT COULD RESULT IN A VERY LIKELY PROBABILITY OF DEATH OR FATAL INJURY IF SPECIFIC STEPS ARE NOT TAKEN.
WARNING	MEANS THAT THERE IS A DANGER THAT COULD RESULT IN INJURY OR DEATH IF SPECIFIC STEPS ARE NOT TAKEN.
WARNING	PROVIDES A REMINDER OF SAFETY MEASURES OR DRAWS ATTENTION TO DANGEROUS PRACTICES THAT COULD CAUSE INJURIES OR DAMAGE THE BOAT OR ITS COMPONENTS.

GENERAL RECOMMENDATIONS

	THE PROCEDURE USED OR THE BEHAVIOUR TO BE ADOPTED COMPLIES WITH REQUIREMENTS.
Ŧ	THE PROCEDURE USED OR THE BEHAVIOUR TO BE ADOPTED DOES NOT COMPLY WITH REQUIREMENTS AND IS LIKELY TO CAUSE SERIOUS DAMAGE TO THE EQUIPMENT OR HARM THE ENVIRONMENT.
NOTE:	DRAWS ATTENTION TO IMPORTANT INDICATIONS.

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GENERAL INTRODUCTION

Congratulations you are now the owner of an *NZO-600/680*. We recommend you read this manual carefully.

It was drawn up to help you get pleasure out of using your boat in complete comfort and safety. It contains the description of the boat, the equipment supplied or installed, and methods and indications needed for its use and servicing.

Read it carefully and acquaint yourself with the boat before using it.

The driver is fully responsible for the correct operation of the boat and the safety of his passengers. If this is your first boat, or if you are not familiar with our products, please make sure you practice and get used to it before you assume its command. Your salesperson, your dealer, your national nautical Federation or your club will be very happy to advise you on boating schools and competent instructors.

Ensure that the forecast wind and sea conditions correspond to the design category of your boat, and that both you and your crew are able to handle the boat in these conditions.

Always use the services of an experienced professional for maintenance, fitting accessories or carrying out modifications. Modifications which are liable to affect the safety characteristics of the boat must be assessed, carried out and documented by competent persons.

Zodiac Nautic cannot be held liable for modifications it has not approved.

Always keep your boat fully maintained and take into account the deterioration which occurs over time or, if applicable, significant or inappropriate usage.

All boats - no matter how strong - can be seriously damaged if used incorrectly. Incorrect usage is not compatible with safe navigation.

Always adjust the speed and heading of the boat according to sea conditions.

The crew should have on board all the emergency equipment (life jackets, etc.) applicable to the type of boat, meteorological conditions etc. This equipment is mandatory in certain countries. The crew should be trained in the use of all safety equipment and in emergency safety manoeuvres (recovering a man overboard, towing, etc.).

GENERAL INTRODUCTION

Refer to Manual Volume 1: GUARANTEE GENERAL TERMS AND CONDITIONS



CONTACT YOUR DEALER TO FIND OUT WHAT YOU CAN AND, MOST IMPORTANT, CANNOT DO. YOU COULD RISK YOUR SAFETY AND LOSE YOUR WARRANTY.

The manufacturer shall assume no liability if the directives laid down in this manual are not complied with.



DESCRIPTION - Technical characteristics table

TECHNICAL CHARACTERISTICS TABLE

ZODIAC		NZO 600		
Dimensions (in meters)				
		Meters	Feet	
Overall length		5.99	19'8"	
Inside length		5.03	16'6"	
Overall width		2.54	8'4''	
Inside width		1.30	4'3"	
Buoyancy chamber diameter		0.6	2'	
		All dimensions indicated l	have a tolerance of +/- 2.5%	
Capacity				
Passengers (ISO)			12	
Maximum authorized load (1) (in kg)		1262	
	(in lbs.)		2782	
Total weight (2)	(in kg)		930	
	(in lbs.)	n lbs.)		
Airtight compartments		6		
		All dimensions indicated	d have a tolerance of +/- 5%	
Design category		1		
(Directive 94/25/EC)			С	
Engine configuration				
Minimum power recommend	ded (HP)	1	15	
(KW)		85		
Maximum power (HP)		150		
recommended (KW)		110		
allowed (KW)		110		
Maximum weight (kg)		234		
allowed (lbs)		516		
Storage dimensions (in met	ers)			
		meters	Feet	
	Length	5.75	18'10"	
Hull dimensions	Width	1.81	5'11"	
	Height	2.07	6'9"	

All dimensions indicated have a tolerance of +/- 1%

DESCRIPTION - Technical characteristics table

TECHNICAL CHARACTERISTICS TABLE

ZODIAC			NZO 680		
Dimensions (in meters)					
			Meters	Feet	
Overall length			6.8	22'4"	
Inside length			5.82	19'1"	
Overall width			2.54	8'4"	
Inside width			1.30	4'3"	
Buovancy chamber diameter	r		0.6	2'	
			Dimensions indicated h	ave a tolerance of +/- 2.5%	
Capacity					
Passengers (ISO)				14	
Maximum authorized load (1) (in	kg)		1480	
	(in	lbs.)		3263	
Total weight	(in	kg)		1080	
6	(in	lbs.)	2381		
Airtight compartments			6		
			Dimensions indicated	have a tolerance of +/- 5%	
Design category					
(Directive 94/25/EC)				С	
Engine configuration					
Minimum power recommen	nded	(HP)	1.	50	
		(KW)	110		
Maximum power		(HP)	175		
recommended		(KW) (HD)	129		
allowed		(III) (KW)	1	47	
Maximum weight		(kg)	300		
allowed		(lbs)	6	62	
Storage dimensions (in me	ters)				
			meters	Feet	
]	Length	6.52	21'5"	
Hull		Width	1.81	5'11"	
		Height	2.03	6'8"	

All dimensions indicated have a tolerance of +/- 1%

DESCRIPTION - Technical characteristics

	⁽¹⁾ The maximum payload has been calculated according to ISO 6185	
NOTE	 calm water and at reduced speeds. ⁽²⁾ Weight shown not including accessories ⁽³⁾ The recommended power corresponds to optimum operation of the boat's capabilities for an average load. ⁽⁴⁾ Hull dimensions without buoyancy chamber. 	
	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.	



DO NOT EXCEED THE MAXIMUM LOAD INDICATED ON THE MANUFACTURER'S PLATE. THE MAXIMUM LOAD INCLUDES THE WEIGHT OF THE ENGINE(S), FUEL, ACCESSORIES, PASSENGERS AND THEIR EQUIPMENT AND ANY OTHER TYPE OF LOAD.



DO NOT STORE FLAMMABLE PRODUCTS IN THE AFTER COMPARTMENT. IT IS STRICTLY FORBIDDEN TO STORE A JERRYCAN.

CLEANING THE BUOYANCY CHAMBER

Your boat's buoyancy chamber is made of Hypalon Neoprene fabric

This fabric is coated with a protective varnish to facilitate its cleaning.

For optimum maintenance, we recommend cleaning the buoyancy chamber at the start and end of each season using soapy water or other environmentally-friendly **Revival** type products, available from your retailer.



DO NOT USE A HARSH, SOLVENT-BASED CLEANER SUCH AS ACETATE

DESCRIPTION - Technical characteristics

HULL	DECK
Polyester hull	Non-skid deck
• 1 bow ring	Folding bathing ladder
• 1 Hull drain hole	Stern platforms
• 2 towing chain plates	2 stern securing cleats
• Built-in 130L (Z600) and 230L (Z680) tank	• 1 circuit breaker
• Bilge pump	• 1 battery tray
	• 1 fuel filter
BUOYANCY CHAMBER	• Tank $(130 L \Rightarrow 600, 230 L \Rightarrow 680)^*$
• Removable buoyancy chamber in Hypalon	• 1 fuel stop cock
Neoprene fabric	
6 inflation valves	Forward securing cleat
10 buoyancy chamber handles	Tank access hatch
Rubbing strake	Fuel filling plug
	• Fan
BOLSTER	Aft navigation light
• Sink	Hydraulic jack
Bolster locker	• Cable bundle and fuses under console forward
	locker
• Handle	• Port and starboard side bench seats with removable
• 12 V connector	upholstery
Cutting table	Ski mast
Glove compartment	• Central bench seats + locker with removable
Foldable panel	upholstery
	Deck lights (NZO 680)
CONSOLE	• Forward locker + upholstery
• Steering wheel + hydraulic steering	Anchor locker
Bilge pump switch	Bow roller
• Fan switch	Navigation lights
Navigation light switch	
Deck light switch (NZO 680)	MAIN OPTIONAL ACCESSORIES
• 12 V connector	Canvas sunshade
• Handle	Teak deck synthetic
Handrail	• Shower + sink tap kit
• Windscreen	Pack audio
• Forward console locker with removable	Forward sun lounger
upholstery + backrest	
	Bolster work top
MISCELLANEOUS	Electric windlass
Owner's manual Volumes 1 & 2	Anchor + chain stopper
Foot pump	Picnic table (NZO 680)
Repair kit	• Icebox

* Theoretical capacity of the tank. For more information on available optional accessories, see your Zodiac Nautic dealer.

DESCRIPTION - Technical characteristics

GENERAL DESCRIPTION ASSOCIATED WITH THE WATERLINE



Z 600

	MLDC LOAD	MLAC LOAD	MOC LOAD
Χ	0.9m	0.89m	0.77m
Y	1.56m	1.57m	1.7m
Z	0.51m	0.52m	0.65m

Z 680

	MLDC LOAD	MLAC LOAD	MOC LOAD
Χ	0.87m	0.86m	0.83m
Y	1.53m	1.55m	1.69m
Ζ	0.51m	0.53m	0.64m

MLDC: Maximum load condition: Motor, battery, maximum numbers of persons, moored, all options, full tank

MLAC: Arrival condition: Motor, battery, maximum numbers of persons, moored, all options, 10% of fuel

MOC: Minimum condition: Motor, battery, 1 coxswain, moored, empty tank.

X: Draught Y: Air draught

Z: Middle freeboard

DESCRIPTION - Location of functional items

Location of functional items

NZO 600



DESCRIPTION - Location of functional items

Location of functional items

NZO 680

DESCRIPTION - Location of functional items

Location of functional items

		678	
1	Handle/handrail	5	Bilge pump switch
2	12V connector	6	Ventilation switch
3	Steering wheel + hydraulic steering	7	Navigation light switch
4	ruer nuer cap	2	Deck light switch (NZO 680)
1	Bolster locker	4	Glove compartment with 12V socket
2	Cutting table	5	Ketractable work surface
3	Sink (optional tap)		

DESCRIPTION - Location of functional items

BUOYANCY CHAMBER – Installing the buoyancy chamber on the hull

INSTALLING THE BUOYANCY CHAMBER

The buoyancy chamber is delivered installed on the hull. Follow the instructions below when replacing the buoyancy chamber.

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

You can inflate the buoyancy chamber when not installed (pressure 240 mb) and leave to stabilize for about an hour. Then deflate it.
If the buoyancy chamber has been stored at a temperature lower than 0°C, leave it for 12 hours at room temperature (20°C) before folding it.

BUOYANCY CHAMBER – Installing the buoyancy chamber on the hull

- Repeat for the other side of the buoyancy chamber.
- Bring the buoyancy chamber forward beneath the nose of the deck.

- Once again, pull the buoyancy chamber as far aft as possible, entering the boltrope into the mini rail at the upper aft position.

- Inflate the nose of the buoyancy chamber slightly in order to verify that it is properly centred and marries to the hull and the deck. Restart the process if the buoyancy chamber is not correctly positioned.

BUOYANCY CHAMBER – Securing

SECURING AT THE BOW

BUOYANCY CHAMBER – Inflation system

INFLATOR

* An electrical (12 V) high output inflator is available as an option. (Contact your dealer.)

"EASY - PUSH" VALVES To change position In inflating position In deflating position Image: Positio

BUOYANCY CHAMBER – Inflation system

INFLATING THE BUOYANCY CHAMBER

Activate all valves in the inflation position.

Attach the hose connector to the inflator inflation port. To inflate your boat properly, the inflator should be correctly placed on the ground. The boat inflates rapidly if the inflator is used smoothly and without haste.

DO NOT USE A COMPRESSOR OR COMPRESSED AIR CYLINDER.

BUOYANCY CHAMBER - Pressure

INFLATING THE BUOYANCY CHAMBER

• Place the adapter corresponding to the diameter of the semi built-in valve at the inflator hose nozzle.

Inflate the buoyancy mechanism, balancing the pressure between the different compartments until the partitions (a) are no longer visible (pressure = 240 mb)

Inflating is complete: Screw on the inflating valve caps.

	A slight loss of air is normal before the cap is screwed on.
NOTE:	Only the caps guarantee final air tightness.

BUOYANCY CHAMBER - Pressure

CORRECT PRESSURE

The correct pressure for the buoyancy chamber is 240 mb/ 3.4 PSI.

Temperature of the surrounding air or	Ambient temperature	Pressure inside the
water will proportionally influence the		buoyancy tube
level of internal pressure in the	+1°C	+4 mb / 0.06 PSI
buoyancy tube.	-1°C	-4 mb / 0.06 PSI

Thus, it is important to anticipate:

Check and adjust the pressure of the inflatable compartments (inflating or deflating according to the case) according to the temperature variations (especially when there is a considerable difference in temperature between morning and evening in particularly hot areas) and make sure that the pressure remains within the recommended pressure range (from 220 to 270 mb / green sector).

RISK OF PRESSURE LOSS:

EXAMPLE: Your boat is exposed to direct sunlight on the beach (temperature= 50° C) at the recommended pressure (240 mb/3.4 PSI). When you launch it (temperature= 20° C), the temperature and internal pressure of the inflatable compartments will drop simultaneously (up to 120 mb) and **YOU WILL THEN NEED TO REINFLATE** until you regain the millibars lost due to the difference between the ambient air and water temperatures. A drop in pressure at the end of the day, when the outside temperature is dropping, is normal.

RISK OF OVERPRESSURE:

EXAMPLE: Your boat is inflated to its recommended pressure (240 mb/3.4 PSI) at the beginning or end of the day (low outside temperature = 10° C). Later in the day, your boat is exposed in the sun on the beach or on a yacht deck (temperature = 50° C). The temperature inside the inflatable compartments may rise to 70° C (particularly for dark buoyancy chambers), doubling the initial pressure (480 mb). YOU WILL THEN NEED TO DEFLATE the boat to return to the recommended pressure.

IF YOUR BOAT IS OVERINFLATED, THERE WILL BE UNDUE PRESSURE ON THE INFLATABLE STRUCTURE THAT MAY RUPTURE IT.

BUOYANCY CHAMBER - Pressure

IN CASE OF OVERPRESSURE

EASY - PUSH VALVE : Release air by depressing the valve plunger	

PROPULSION SYSTEM

Comply with Zodiac Nautic's recommendations and the engine manufacturer's recommendations regarding engine assembly.

For optimum use of your boat, seek advice from your dealer.

HOW TO DRIVE YOUR BOAT

NAVIGATION

Refer to Manual Volume 1

Before starting

* IF THE COXSWAIN FALLS OVERBOARD, THE IMMEDIATE STOPPING OF THE ENGINE CONSIDERABLY REDUCES THE RISKS OF SERIOUS OR FATAL INJURY CAUSED BY BEING RUN OVER BY THE BOAT. ALWAYS CORRECTLY CONNECT BOTH ENDS OF THE EMERGENCY CIRCUIT BREAKER.

CUT THE ENGINE IMMEDIATELY AS SOON AS A SWIMMER COMES CLOSE TO THE BOAT HE RISKS BEING SERIOUSLY INJURED BY A ROTATING PROPELLER

AVOID ABRUPT MANOEUVRES AT FULL SPEED

HOW TO DRIVE YOUR BOAT

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

BREAKING WAVES CAN POSE SIGNIFICANT DANGERS FOR STABILITY AND FLOODING.

MAKE SURE THAT THE ANCHORING SYSTEM (ANCHOR AND BOW ROLLER) ARE CORRECTLY SECURED.

1	Anchoring locker	5	Bolster locker
2	Forward locker	6	Aft locker
3	Console forward locker	7	Bathing ladder cover
4	Tank access hatch	8	Bow roller

	CHECK THAT THE BUOYANCY CHAMBER IS CORRECTLY INFLATED
WARNING	DO NOT USE THE FORWARD SUNBATHING DECK WHEN SAILING IN ORDER TO PREVENT ANY RISK OF FALLING OVERBOARD.
WARNING	DO NOT USE THE SUN LOUNGER WHILE UNDERWAY.

HOW TO DRIVE YOUR BOAT

LIFTING THE ENGINE

Operation in shallow water:

When using the boat in shallow water, the outboard engine may be raised above the lifting range to avoid grounding.

- 1- Keep the engine running slowly
- 2- Raise the engine: Check that all the water inlet ports remain submerged
- 3- Only run the engine at idling speed.

DESCRIPTION OF ESSENTIAL FUNCTIONAL ITEMS

The boat is fitted with a fuel tank located under the deck. It is filled through the port hatch; raising the latter exposes the fuel filler plug.

ITEM REF.	DESIGNATION
1	Fuel/water separator filter (supplied for single-engine configuration)
2	Fuel tank (130 litres => NZO 600), (230 litres=> NZO 680)
3	Filling hole
4	Vent
5	Fuel circuit closing valve
6	Gauge transmitter

FUEL SEPARATOR FILTER

NOTE: In order to protect the engine, a water / fuel separating filter is placed on the engine's fuel supply circuit.

The water/fuel separator filter is located in the after locker on the starboard side (for a dual engine installation, contact your dealer to get you a second filter):

ITEM REF.	DESIGNATION
1	Fuel filter
2	Fuel cock

ITEM REF.	DESIGNATION
1	Filter head, secured to boat
2	Replaceable filter cartridge

CHANGING THE FILTER'S CARTRIDGE

Follow ZODIAC's recommendations and those of the filter's manufacturer. Place a draining funnel under the position of the cartridge to be replaced. Before replacing the filter, the pressure in the fuel feed system must be released. Follow the manual or the engine manufacturer's instructions.

Fuel is extremely inflammable. SWITCH OFF THE ENGINE, disconnect the battery and do not smoke or install the kit near to a naked flame. Put a drainage funnel under the place where the cartridge will be replaced.

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

USING THE FUEL CIRCUIT CUT-OFF VALVE

Fuel circuit valve Open

ON

Fuel circuit valve

Closed

RECOMMENDATIONS

DANGER	IN THE EVENT OF A PETROL LEAK OR A FIRE, THE PETROL CIRCUIT CLOSING VALVE LOCATED ON THE TANK ENABLES THE TANK TO BE CUT OFF FROM THE PETROL CIRCUIT AND MUST REMAIN CLOSED.
WARNING	 ☑ HAVING A FULL TANK AVOIDS CONDENSATION APPEARING ON EACH OUTLET. ☑ GET THE TANK CLEANED EVERY FIVE YEARS. ☑ CHECK THE TIGHTENING OF THE CLAMPS ON ALL HOSES. ☑ WHEN YOU DRAIN THE FILTER, DO NOT EMPTY THE WATER INTO THE BOAT. USE A RECOVERY TRAY UNDER THE FILTER. ☑ CUT THE POWER SUPPLY BEFORE DISMANTLING THE FILTER CARTRIDGE. ☑ CAREFULLY READ THE INFORMATION ON THE FILTER'S INSTRUCTIONS.
DANGER	 ✓ PETROL IS EXTREMELY INFLAMMABLE. MAKE SURE THAT ENGINES ARE TURNED OFF BEFORE WORKING ON THE FUEL SYSTEM. DO NOT SMOKE; KEEP ALL NAKED FLAMES OR INCANDESCENT BODIES WELL AWAY FROM THE WORK AREA.
WARNING	☑ NEVER DRILL THE TANK AREA WITH A DRILL BIT PROTRUDING MORE THAN 30 MM FROM THE DRILL HEAD (MARK ON THE DECK BY A HATCH) AND DO NOT USE SCREWS OVER 30 MM LONG.

SWITCHES

REF NUMBER	DESIGNATION
1	Bilge fan
2	Bilge pump
3	Navigation light
4	Deck lighting (NZO 680)
5	Switch location
6	Switch location

Battery switch

 \blacksquare Turn off the engine and all electrical equipment **before** closing the battery switch.

The battery switch is located inside the after locker on the after side.

ITEM REF.	DESIGNATION
1	Battery switch
2	Electric windlass circuit breaker (optional)

FUSES

The fuse box is located inside the console forward locker, against the console. (See box interior on page 39)

FAN

Actuate this button to ventilate the engine compartment before starting.

 \square For this purpose, switch on the ignition.

☑ The indicator switch light and the signal (9) on the display remain on as long as the ventilation is required.

 \square As soon as the signal goes off, you can start the engine.

PETROL VAPOURS ARE EXTREMELY EXPLOSIVE, DO NOT FORGET TO VENTILATE THE COMPARTMENT OTHERWISE YOU RISK CAUSING A FIRE OR AN EXPLOSION.

BILGE PUMP

 \square The bilge pump works independently from the battery isolation switch position, the control switch \square is always on.

① Automatic starting (fixed position); in this position the bilge pump works automatically. The indicator light is on.

O Off; in this position (set position), the bilge pump is shut down. The indicator light is off.

③ Forced starting; the switch has to be held depressed to obtain forced starting type operation. As soon as you release the switch, it returns to OFF (2).

RECOMMENDATION	WHEN LYING AT ANCHOR, PUT THE BILGE PUMP SWITCH ON						
	AUTOMATIC MODE.						
	ZODIAC RECOMMENDS THE USE OF A TARPAULIN OR						

	ZODIAC	RECOMM	IENDS	THE	USE	OF	Α	TAR	PAULIN	OR
NOTE:	MOORIN	G COVER 1	IN ORD	ER TC	PRE'	VENT	W	ATER	INGRES	S IN
	THE EVE	NT OF RAI	N.							

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INSTALLATION AND CIRCUIT - Electricity

1. Pump housing

Disconnect the grille, Clean the strainer/propeller of any debris liable to cause a blockage with hot soapy water.

NAVIGATION LIGHTS

 \square Actuate this 3-position button to light the navigation lights.

① Off position.

⁽²⁾ White light position.

^③ White light, red light, and green light position.

DECK LIGHTS (NZO 680)

 \blacksquare Actuate this button to turn on the external deck lighting.

BATTERY (NOT SUPPLIED)

Comply with Zodiac Nautic'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. YOU SHOULD THUS ALWAYS TOP UP WITH DISTILLED WATER
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.

	☑ If you do not plan to use your Zodiac® for a month or more,
	remove the battery and store it in a cool, dark and dry place. Fully
	recharge the battery before reusing it.
ΝΟΤΕ·	\square If the battery is being put away for a longer period, check
NOIE.	electrolyte density at least once a month and recharge the battery
	as soon as density is too low.
	Electrolyte density: 1.28 to 20°C

GENERAL CABLE BUNDLE WIRING DIAGRAM

FUSE BOX

OPTIONS

Α		an d
Bilge fan		
Radio		
Depth sounder		
GPS		
Searchlight		
Alarm system		
Refrigerator		
VHF		
Σ	180W max.	

В	
Cigar lighter	
connector	
Miscellaneous	
lighting	
Audio warning	
Miscellaneous	
electronic	
equipment	
Shower pump	
Max power	60W max.

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

NOTE:	Some manufacturers will indicate the amperage rather than the absorbed power. For direct current (the case here), simply multiply by 12 to obtain the power and divide the power by 12 to obtain the device's current consumption.
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WIRING

① Choose a free fuse location.

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

③ If you have to add cable for the connection, use cable with a cross-section of at least 1.5mm² complying with "navy" type recommendations (UL1426 or SAE J378 or SAE J1127 or SAE J1128 or in general meeting ABYC and/or EC recommendations).

④ Connect the earth cable of your accessory to the ground terminal strip using a Ø5 "ring terminal" (same remark as previously for the cable),

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

INSTALLATION AND CIRCUIT - Draining

WATER DRAINING

ITEM REF.	DESIGNATION
1	Engine recess drain
2	Deck self-bailer

INSTALLATION AND CIRCUIT – Draining

HULL DRAIN HOLE

- Out of the water (on trailer, cradle, etc.)

OPEN POSITION, DRAIN HOLE REMOVED.

- Boat in the water, sailing or at anchor

CLOSED POSITION, DRAIN PLUG FITTED. (MAKE SURE THE PLUG IS PROPERLY CLOSED)

ITEM REF.	DESIGNATION
1	Hull drain hole

INSTALLATION AND CIRCUIT - Steering

STEERING

A hydraulic actuator is supplied as standard with the boat. It is used in the single engine configuration.

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

For optimum use of your boat, seek advice from your dealer.

INSTALLATION AND CIRCUIT - Firefighting

FIREFIGHTING

WARNING	WE RECOMMEND YOU KEEP AN EXTINGUISHER ON BOARD, AND COMPLY WITH THE LAWS APPLICABLE IN YOUR COUNTRY.
WARNING	DO NOT PLACE INFLAMMABLE MATERIAL CLOSE TO OR ABOVE COOKING EQUIPMENT.
WARNING	BEFORE ACTUATING THE EXTINGUISHER, STOP THE ENGINE AND THE FAN.

The boat is delivered without a fire extinguisher; complying with the national regulations of the country in which your boat is registered is your responsibility. When in use, the boat must be fitted with portable extinguishers.

The recommended position for the extinguisher is secured inside the after locker.

Take care to keep the bilges clean and check at regular intervals that there are no gas or 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, gas stopcocks and electrical system switches.

Do not fill the fuel tanks or replace gas cylinders while the engine is running or when cooking equipment is in use.

INSTALLATION AND CIRCUIT - Anchoring/mooring

DESCRIPTION OF ESSENTIAL FUNCTIONAL ITEMS

ITEM REF.	DESIGNATION
1	Bow roller
2	Anchor locker
3	Bollard
4	Chain plate

USE

	THE CLEATS CAN ONLY BE USED FOR OCCASIONAL MOORING OF THE BOAT.
WARNING	FOR PERMANENT MOORING, USE THE CHAIN PLATE PROVIDED
	AT THE STERN.
	DO NOT STEP ON THE SIDES OF THE BOW.
	IN THE ABSENCE OF A NON-SLIP COATING, YOU RISK SLIPPING
WARNING	AND INJURING YOURSELF

HANDLING - Storage

STORAGE

<u>NZO 600:</u>

HANDLING - Storage

<u>NZO 680:</u>

TRANSPORT

• The trailer installation recommendations are specified in VOLUME I of the owner's manual.

LIFTING

The boat has no hoisting devices.

	ALL EQUIPMENT MUST BE UNLOADED FROM THE BOAT FOR
	LIFTING.
	BEFORE LAUNCHING THE BOAT, OPEN THE DRAIN HOLE TO
WARNING	DRAIN ANY RAINWATER FROM THE COCKPIT (CLOSE THE
	DRAIN HOLE AGAIN BEFORE LAUNCHING))
	THE BOAT HAS NO LIFTING DEVICES.
A	IT IS ESSENTIAL THAT SUITABLE LIFTING STRAPS, PASSED
	BENEATH THE HULL (AT 2 METRES AND 5.4 METRES FROM THE
	TRANSOM), ARE USED TO LIFT THE BOAT.
<u> </u>	THE FORWARD AND AFTER TOWING CHAIN PLATES MUST
WARNING	NEVER BE USED AS LIFTING POINTS
	FOR THIS OPERATION ASK PROFESSIONAL LIFTERS.
	DEFLATE THE BUOYANCY CHAMBER FOR THIS OPERATION.

NO PASSENGERS ON BOARD WHILE LIFTING

2

LABELLING

DESCRIPTION OF SAFETY LABELS AND REGISTRATION PLATES

A WARNING	AVERTISSEMENTS
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	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 (-)

A WARNING	AVERTISSEMENTS
GASOLINE IS HIGHLY INFLAMMABLE AND EXPLOSIVE • STOP ENGINE BEFORE REFUELING • REFUEL IN WELL VENTILATED AREA • NEVER DEFILIEL WILL & SMORING, AROLIND, SPARKS, OR	L' ESSENCE EST TRES FORTEMENT INFLAMMABLE ET EXPLOSIVE ARRETER LE MOTEUR AVANT TOUT REMPLISSAGE. NE PAS FUMER LORS DU REMPLISSAGE. FAIRE LE PLEIN DANS UN ENDROIT VENTILE.
AVOID SPILLING FUEL WIPE UP ALL FUEL SPILLS IMMEDIATELY LEAKING FUEL IS A FIRE HAZARD AND EXPLOSION HAZARD INSPECT FUEL SYSTEM BEFORE EACH USE	EVITER DE REIVERSER DU CARBURANT. ESSUTER IMMEDIATEMENT TOUTES LES FLAQUES DE CARBURANT CREEES LES FUITES DE CARBURANTS CONSTITUENT UN RISQUE D' INCENDIE ET D' EXPLOSION VERIFIER LE CIRCUIT CARBURANT AVANT CHAQUE UTILISATION 2

IMPROPERLY TOWING YOUR BOAT CAN CAUSE SEVERE DAMAGE TO YOUR BOAT.	UN REMORQUAGE INAPROPRIE PEUT ENDOMMAGER VOTRE BATEAU
 NEVER TOW IN OPEN SEAS NEVER TOW ABOVE 6 KNOTS 	NE PAS REMORQUER EN PLEINE MER NE PAS REMORQUER A PLUS DE 6 NOFUES
	NOEODS 3

DO NOT LIFT THE BOAT WITH PASSENGERS ON BOARD	NE PAS SOULEVER LE BATEAU AVEC DES PASSAGERS A BORD 4	4

LABELLING		
A DANGER	A DANGER	
TO AVOID INJURY OR DEATH, SHUTT 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	Г

A DANGER	A DANGER	
A FIRE EXTINGUISHER MUST BE CARRIED AT ALL TIMES	UN EXTINCTEUR DOIT ETRE DISPONIBLE EN PERMANENCE A BORD 6	6
	ZODIAC ZMARBLE - 6:10 rue Trayon - 92316 - Skense - France MODELE SERIE MODEL Bar [] psi] Image: series - france SERIE Image: series - france Series - france Image: series - france Series - france Image: series - france Series - france Image: series - france	
7	8	

MAKE SURE THAT THE LABELS ARE PRESENT AND LEGIBLE. CONTACT YOUR DEALER TO OBTAIN NEW ONES IF NECESSARY.

LOCATION / INSTALLATION OF OPTIONAL ACCESSORIES

Audio pack:

Example of the positioning of a 7" 16/9 GPS.

Canvas sunshade:

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Synthetic teak deck:

Shower + sink tap kit: - Sink + tap

- Shower kit

Forward sun lounger:

Electric windlass:

Anchor, chain and chain stopper:

Picnic table (NZO 680):

Icebox:

Manuel du Propriétaire **Owner's Manual - Manuale del Proprietario Eignerhandbuch- Manual del propietario**

Tome 2 - Volume 2- Teil 2 - Tomo 2

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ZT04103

Edition 5

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Get a Warranty extension of for your new boat*

*See Zodiac Nautic Warranty terms & conditions

Enregistrez votre bateau dès aujourd'hui sur le "Club Zodiac" www.zodiac-nautic.com/club-zodiac. Bénéficiez d'une extension (FR) de 1 an de Garantie constructeur pour l'achat d'un bateau neuf voir conditions générales de la garantie Zodiac Nautic

Registre su embarcación ahora en el "Club Zodiac" ,www.zodiac-nautic.com/club-zodiac. beneficiese de una extensión de (ES) garantía de un año, en la compra de una embarcación nueva*. Ver las condiciones generales de la garantía Zodiac Nautic

Registri il suo battello oggi sul "Club Zodiac" www.zodiac-nautic.com/club-zodiac. Beneficierà dell'estensione di un (**T**) anno di Garanzia costruttore sull'acquisto di un battello nuovo*. vedere le condizioni generali della garanzia Zodiac Nautic

Registrieren Sie Ihr Boot heute im "Club Zodiac" www.zodiac-nautic.com/club-zodiac. Erhalten Sie die 1-jährige (DE) Garantieerweiterung für Ihr neues Boot.* Siehe Zodiac Nautic Garantiebedingungen

