

1. General information

1.1 Introduction

Dear Customer,

You are now the proud owner of a WESTMARINE inflatable boat. You have thus acquired the assurance of quality, since our boats are manufactured in strict conformity with international ISO 6185 safety regulations.

Each boat has a Craft Identification Number (CIN), which you will find on the SERIAL Number plate on the outside of boat transom, carton markings and on the enclosed warranty registration card.

Model name and CIN number needs to be mentioned in all correspondence with us or any authorised service station. It is only with this number that we will be able to identify your boat and give you the relevant information and service.

The specifications and information contained in this manual can be modified without prior notice and without obligation to update them.

Keep this manual safe onboard your boat. If the boat is transferred, make sure to provide this manual together to the new owner.

If you have a problem, or if you have questions concerning your boat, contact your supplier or any WESTMARINE dealer.

Please read this manual carefully, ensuring that you understand and are able to operate the boat accordingly and safely.

This publication should not be copied and/or published, even partially, without prior written authorization.

1.2 Parts in package

Do not use a sharp cutter type tool or knife to open the packing carton. Doing so, you may damage the boat or parts.

Your boat's package should include parts shown in **drawing 1-1 to 1-10.**

Description drawings of Westmarine inflatable boats Inflatable floor models

N O.	Sku	Part Name for HP275/310 14272470/14272447
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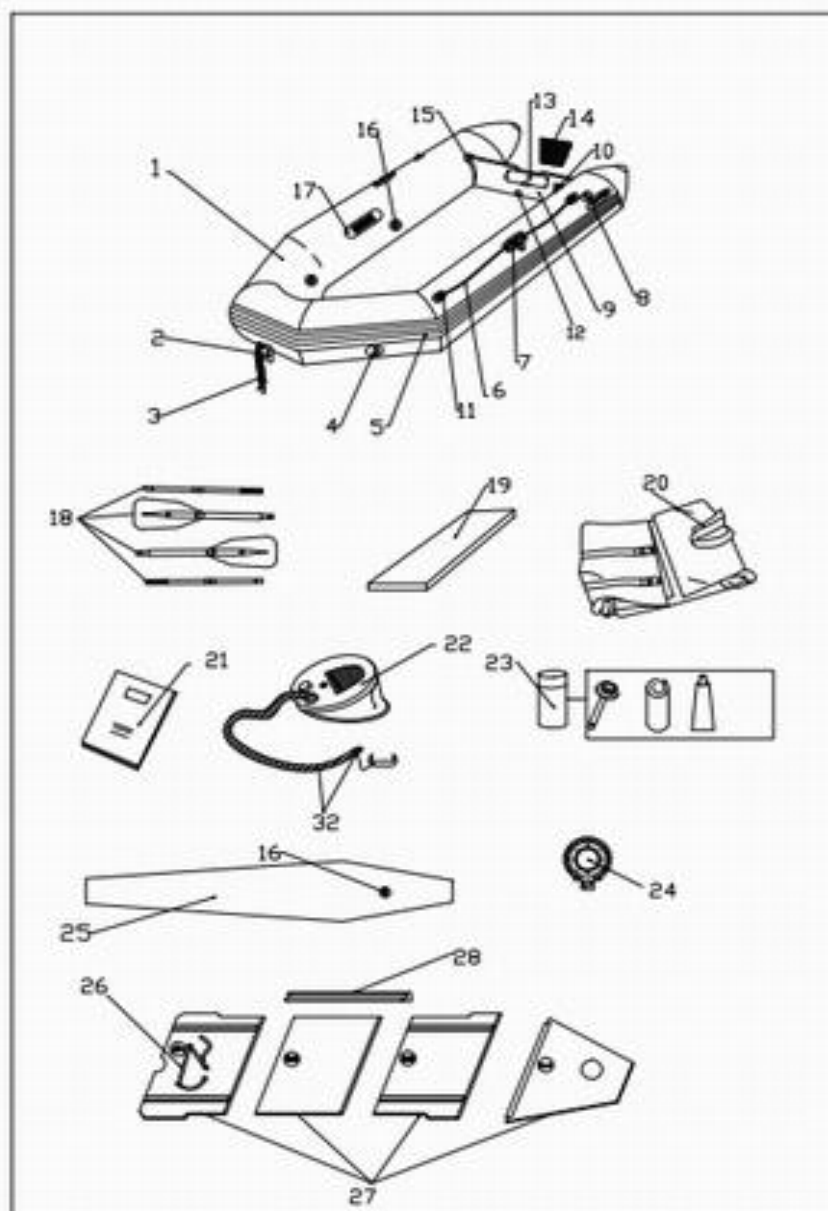
1	148079 78-L Gry 148079 86- D Gry	Fabric
2	148080 26	Super D ring patch
3	148078 87	Towing rope
4	130614 29	Large D ring patch
5	148077 96	Rubbing strake
6	148078 61	Life line
7	148142 48	Oar lock
8	154933 15	Oar stopper
11	148078 38	Rope holder
12	983610 7	Drain plug
13	983608 1	Plastic pad

14	950817 7	<p>Diagram illustrating the assembly of a transom holder (1) and its components. The main assembly shows the transom holder (1) with various mounting points (2-17) and a PVC plate (19). Below are detailed views of the PVC plate (25) and a transom holder (26) with a valve (16).</p>
15	148077 88	Transom holder
16	950806 0	Valve

17	148078 46	Seat patch
18	983611 5	Oar
19	983628 9	Seat
20	148076 14	Carry bag (Not Included with the RIB-275)
21	154933 07	Manual
22	148077 47	Pump
23	148077 13	Repair kit
24	983618 0	Manometer
25	148078 95- HP275 148079 03- HP310	Keel
26	130613 87	Tank rest
27	148079 11- HP275 148079 29- HP310	Inflatable floor
32	109753 81	hose & adapter for pump 1-1

Description

Wooden floor models



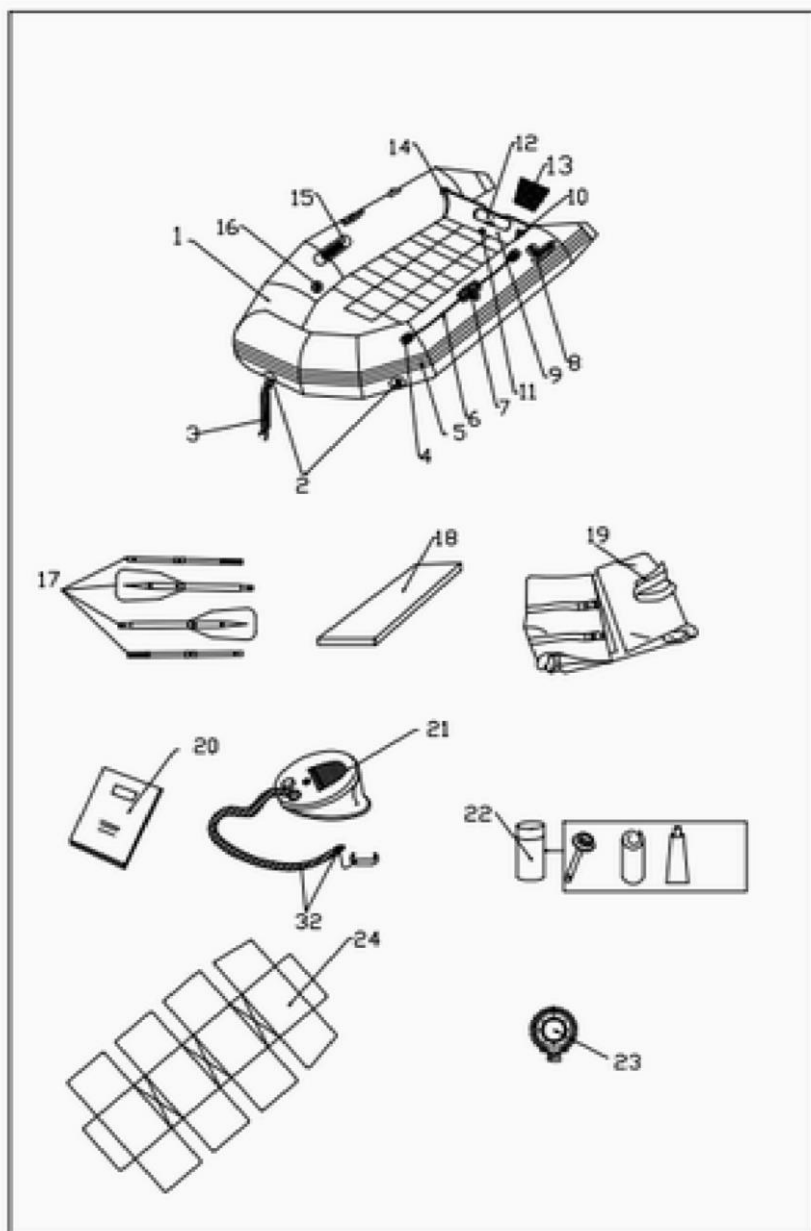
1-2

Description

NO.	Sku	Part for SB275/310 14272462/14272454
-----	-----	---

1	14807978-L Gry 14807986- D Gry	Fabric
2	14808026	Super D ring patch
3	14807887	Towing rope
4	13061429	Large D ring patch
5	14807796	Rubbing strake
6	14807861	Life line
7	14814248	Oar lock
8	15493315	Oar stopper
11	14807838	Rope holder
12	9836107	Drain plug
13	9836081	Plastic pad
14	9508177	PVC plate
15	14807788	Transom holder
16	9508060	Valve
17	14807846	Seat patch
18	9836115	Oar
19	9836289	Seat
20	14807614-Tube 14807606- Floor	Carry bag
21	15493307	Manual
22	14807754	Pump
23	14807713	Repair kit
24	9836180	Manometer
25	14807895 14807903	Keel
26	13061387	Tank rest
27	14807697-#1 14807630-#2 14807655-#3 14807671-#4	Wooden floor for SB275
27	14807697-#1 14807648-#2 14807663-#3 14807689-#4	Wooden floor for SB310
28	14807705	Stringer
32	10975381	hose & adapter for pump

Slatted Floor models (RU3)

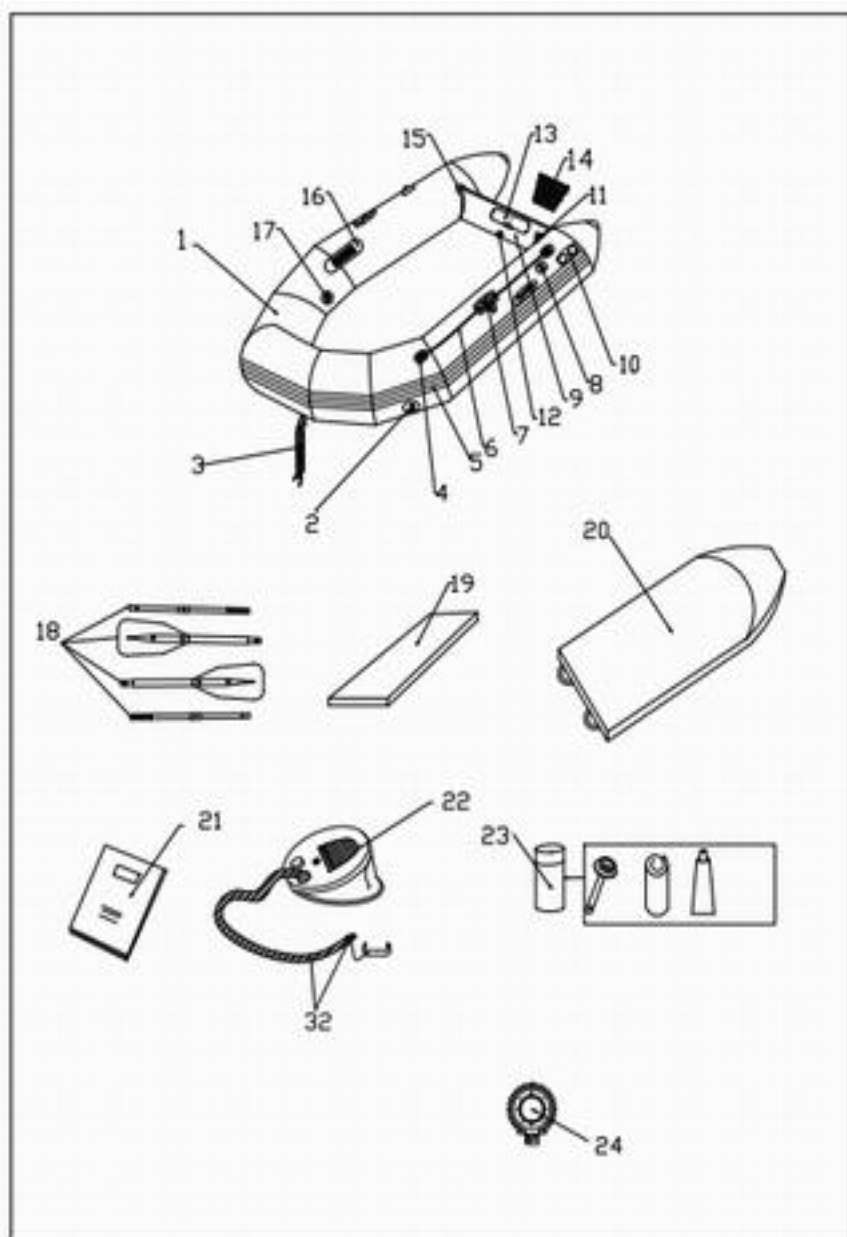


1-3

Description

NO.	Sku	Part name for RU3 14272488
1	14807994-Wh 14808000-Gry	Fabric
2	13061429	Large D ring patch
3	14807879	Towing rope
4	14807838	Rope holder
5	14807812	Rubbing strake
6	14807853	Life line
7	14814248	Oar lock
8	15493315	Oar stopper
11	9836107	Drain plug
12	9836081	Plastic pad
13	9508177	PVC plate
14	14807770	Transom holder
15	14807846	Seat patch
16	9508060	Valve
17	9836115	Oar
18	14807762	Seat
19	14807614	Carry bag
20	15493307	Manual
21	14807754	Pump
22	14807721	Repair kit
23	9836180	Manometer
24	14807937	Wooden slat
32	10975381	hose & adapter for pump

COMPACT 310RIB



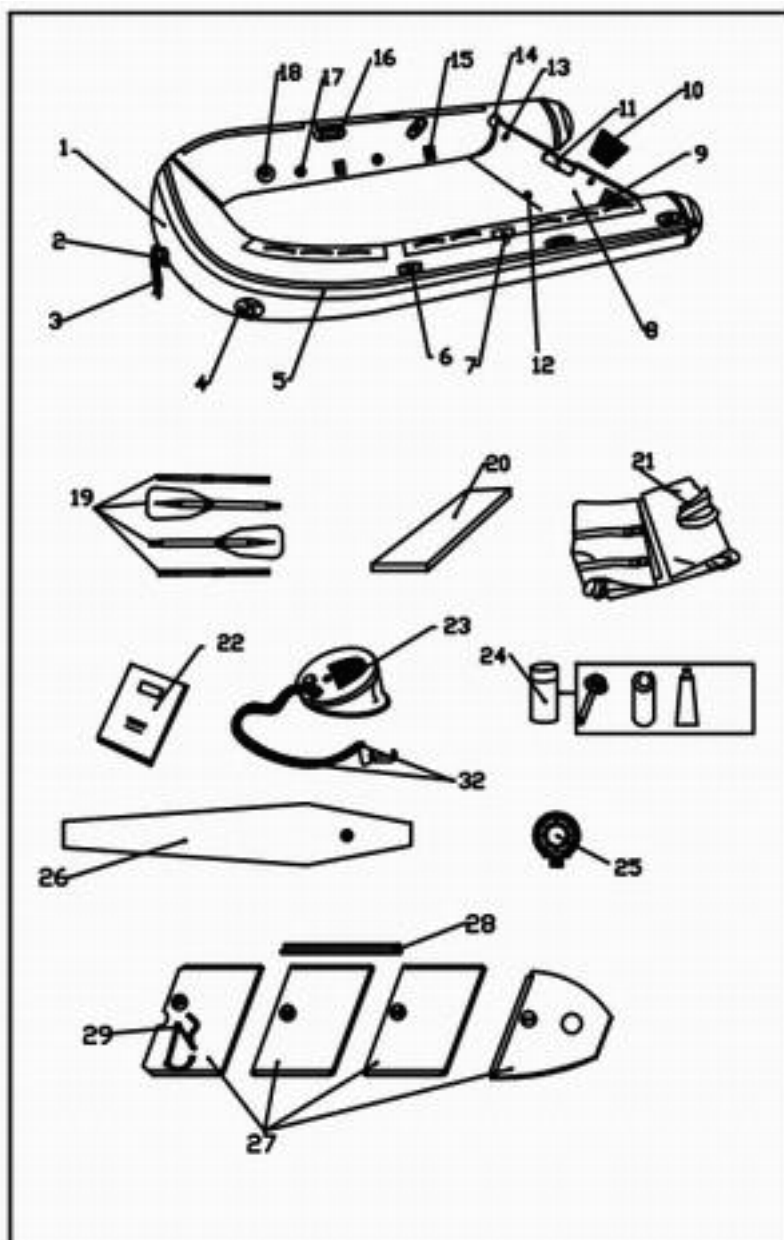
1-4

Description

NO.	SKU	Part Name for compact 310RIB 14460885
-----	-----	--

1	14808018	Fabric
2	13061429	Large D ring patch
3	14807887	Towing rope
4	14807838	Rope holder
5	14807804	Rubbing strake
6	14807861	Life line
7	14814248	Oar lock
8	15493315	Oar stopper
10	13061346	Lifting handle
12	9836107	Drain plug
13	9836081	Plastic pad
14	9508177	PVC plate
15	14807788	Transom holder
16	14807846	Seat patch
17	9508060	Valve
18	9836115	Oar
19	9836289	Seat
20	14807622	Carry bag
21	15493307	Manual
22	14807754	Pump
23	14807739	Repair kit
24	9836180	Manometer
32	10975381	hose & adapter for pump

PVC Aluminium Floor Models



1-5

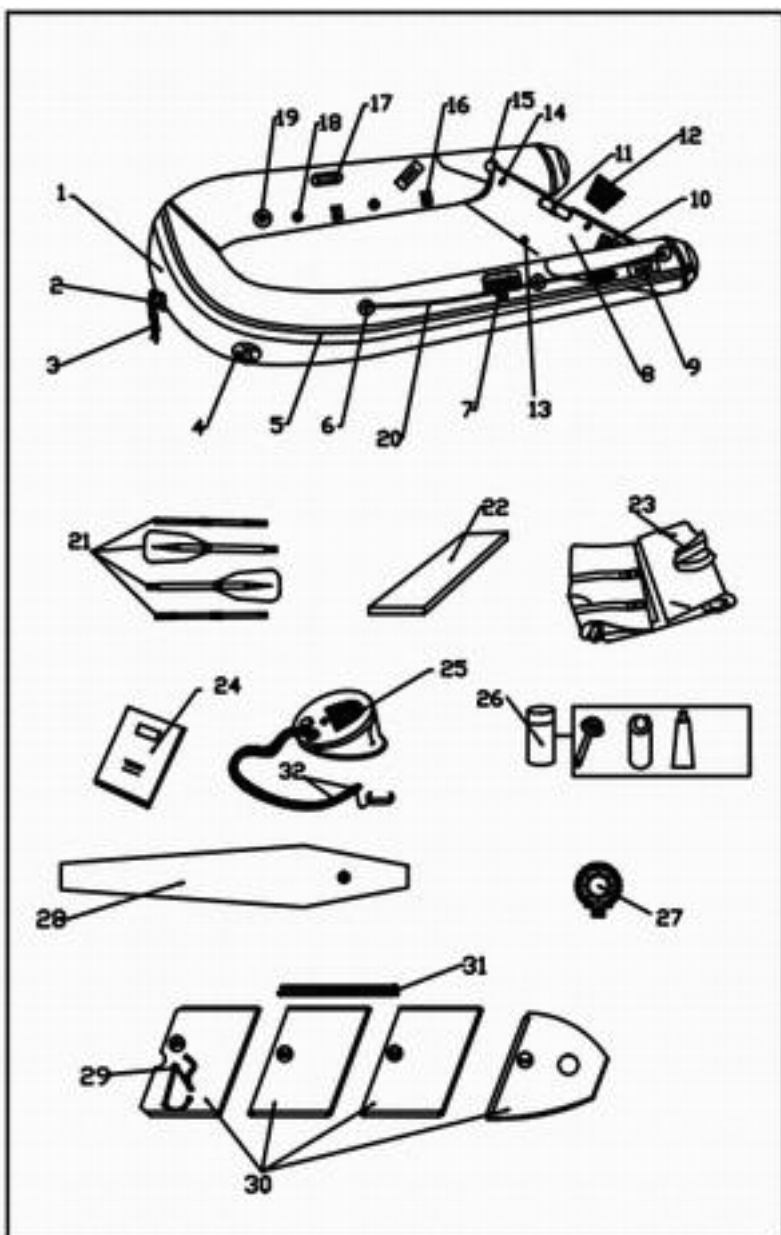
Description

NO.	Sku	Part name for PVC AL models 9341421/11920352/11920345
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1	9836032 -Grn 13061080-D Gry 13061098-L Gry 9836057- Blk	Fabric
2	9508144-Grn 9836073- Gry	Super D ring patch
3	14807879	Towing rope
4	9508094-Grn 13061429- Gry	Large D ring patch
5	15493380- GRY+1WHT 15493364-BLK	Rubbing strake
6	13061346-Gry 13061353- Bk	Lifting handle
7	14814248-Gry 9836065- Bk	Oar lock
10	9508177-GY 9836099-BK	PVC plate
11	9836081-GY 9508169- BK	Plastic pad
12	9508185-BK 9836107-- GY	Drain plug
13	15493281	Eye nut
15	15493463	Velcro system
16	14807846- Gry 15537152- Grn	Seat patch
17	9508060	Valve
18	9508136-Gry 13061403- Grn	Middle D-ring patch
19	9836115	Oar
20	9836271-Gry 9836305-Vrnsh 15493489 Gry(110cm)	Seat

21	13061031-tube 360 9995697-tube 390 13061059-floor 360 13061056- floor 390	Carry bag
22	15493307	Manual
23	14807754	Pump
24	13061254-Gry 13061247- Grn	Repair kit
25	9836180	Manometer
27	13061130-AL360 9836362--AL390	AL floor
28	13061163-110cm 13061171-85cm 13061189-75cm 15493430-103 cm	Stringer
29	13061387	Tank rest
32	10975381	hose & adapter for pump

Hypalon AL model(AL290HYP)



1-6

Description

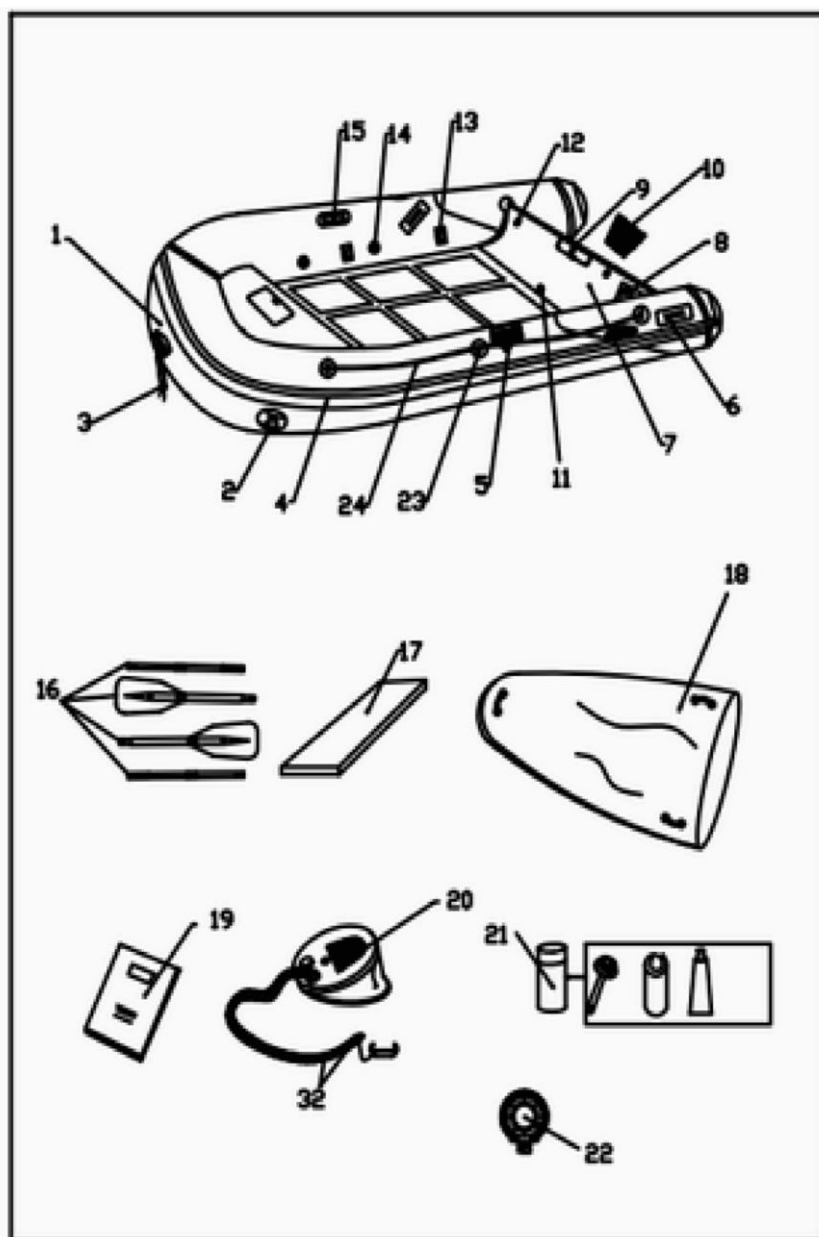
NO.	Sku	Part name for AL290HYP 9341439
-----	-----	-----------------------------------

1	9508045-Lgry 13061072- Wh	Fabric
2	15493323	Super D ring patch
3	14807879	Towing rope
4	9508102	Large D ring patch
5	15493406	Rubbing strake
6	15493349	Small D ring patch
7	9508086	Oar lock
9	13061361	Lifting handle
11	9836081	Plastic pad
12	9508177	PVC plate
13	9836107	Drain plug
14	15493273	eye nut
16	15493455	Velcro system
17	15493414	Seat patch
18	9508060	Valve
19	9508110	Middle D ring patch
20	15493299	Life line
21	9836115	Oar
22	9836289	Seat
23	9995689	Carry bag
24	15493307	Manual
25	14807754	Pump
26	13061262	Repair kit
27	9836180	Manometer
29	13061387	Tank rest
30	9836321	AL floor
31	9508243	Stringer
32	10975381	hose & adapter for pump

PVC RIB models 310/350RIB

1	13061098-Gry 13061080-D Gry	Fabric
2	13061429	Large D ring patch
3	14807879	Towing rope
4	15493372-BLK 15493398-GRY+3 WHT	Rubbing strake
5	14814248	Oar lock
6	13061346	Lifting handle
9	9836081	Plastic pad
10	9508177	PVC plate
11	9836107	Drain plug
12	15493448	U bolt
13	15493471	Velcro system
14	9508060	Valve
15	14807846	Seat patch
16	9836115	Oar
17	9836313	GRP Seat
18	9995721-310 9995739-350	Carry bag
19	15493307	Manual
20	14807754	Pump
21	13061254	Repair kit
22	9836180	Manometer
32	10975381	hose & adapter for pump

Hypalon RIB models 310/350RIB

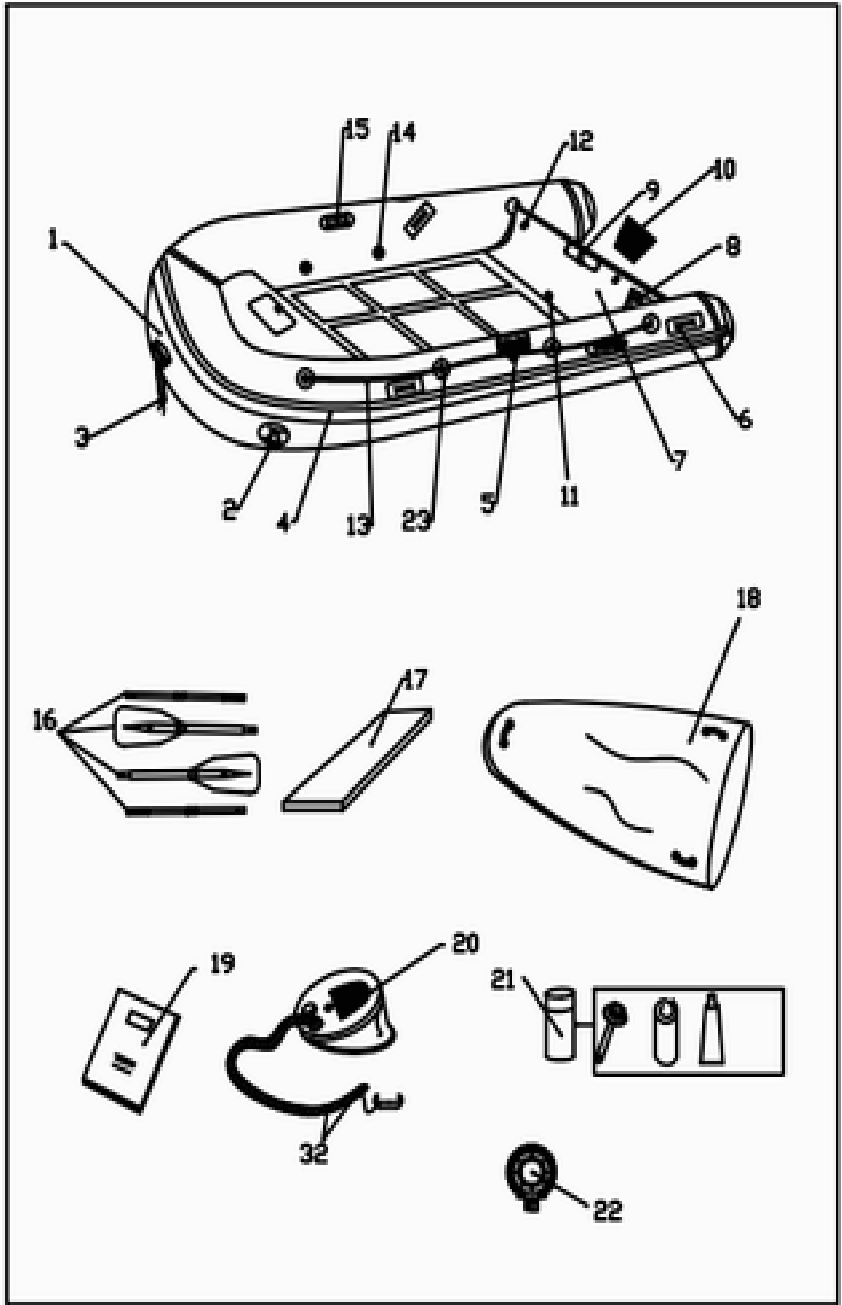


1-8

Description

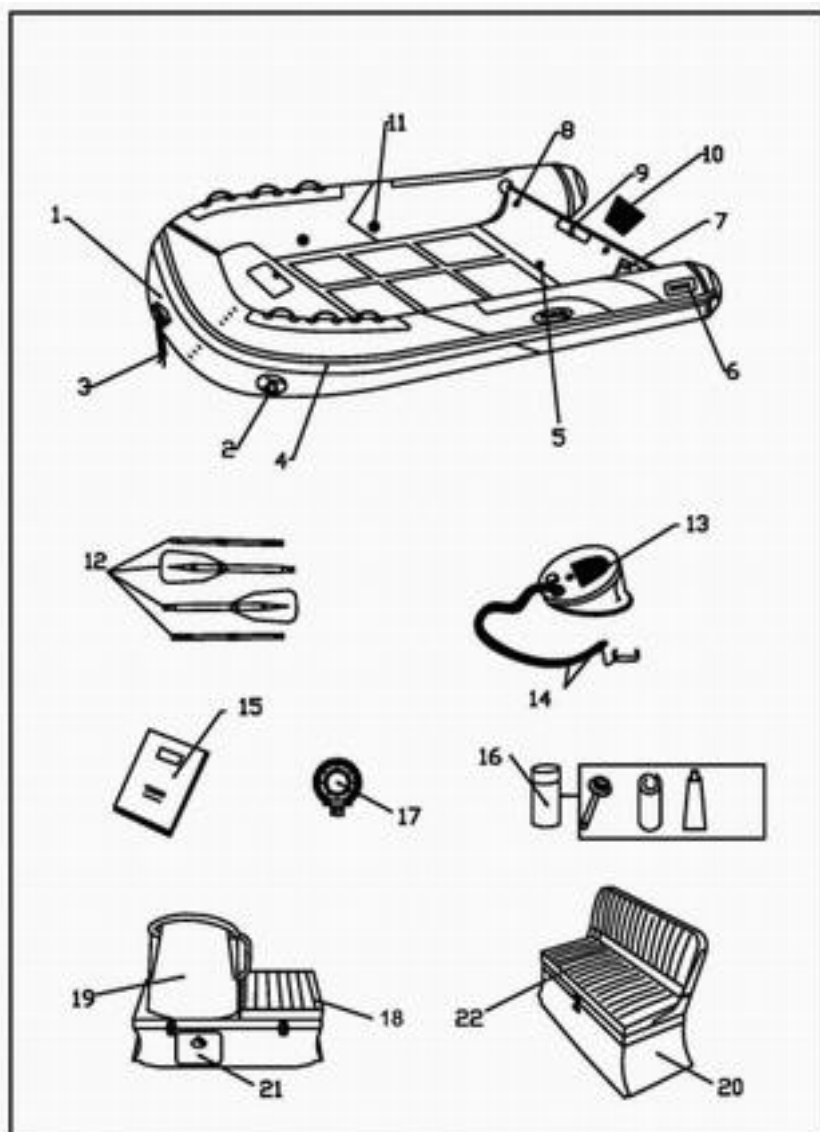
NO.	SKU	Part name for HYP RIB boats 9341447/9341454
1	9508045-Gry 13061072- Wh	Fabric
2	15493331	Large D ring patch
3	14807879	Towing rope
4	15493372-BLK 7CM 15493406-GRY+3WHT	Rubbing strake
5	9508086	Oar lock
6	13061361	Lifting handle
9	9836081	Plastic pad
10	9508177	PVC plate
11	9836107	Drain plug
12	15493448	U bolt
13	15493455	Velcro system
14	9508060	Valve
15	15493414	Seat patch
16	9836115	Oar
17	9836313	Seat
18	9995721-310 9995739-350	Carry bag
19	15493307	Manual
20	14807754	Pump
21	13061270	Repair kit
22	9836180	Manometer
23	15493349	Small D ring patch
24	15493299	Life line
32	10975381	hose & adapter for pump

Hypalon RIB models 350RIB White



NO.	Sku	Part name for 350RIB WHT 13061015
1	13061072-Wh	Fabric
2	15493331	Large D ring patch
3	14807879	Towing rope
4	15493406	Rubbing strake
5	9508086	Oar lock
6	13061361	Lifting handle
9	9836081	Plastic pad
10	9508177	PVC plate
11	9836107	Drain plug
12	15493448	U bolt
13	15493299	Life line
14	9508060	Valve
15	15493422	Seat patch
16	9836115	Oar
17	9836313	Seat
18	9995739-350	Carry bag
19	15493307	Manual
20	14807754	Pump
21	13061270	Repair kit
22	9836180	Manometer
23	15493356	Small D ring patch
32	10975381	hose & adapter for pump

Description Hypalon
RIB models OR RIB 360



1-10

Description

NO.	Sku	Part name for OR RIB 360 boats 15044217
1	9508045-Gry 13061072- Wh	Fabric
2	15493331	Large D ring patch

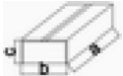
















3	14807879	Towing rope D
4	15493406	Rubbing strake
5	9836107	Drain plug
6	13061361	Lifting handle
8	15493448	U bolt
9	9836081	Plastic pad
10	9508177	PVC plate
11	9508060	Valve
12	9836115	Oar
13	14807754	Pump
14	10975381	hose & adapter for pump
15	15493307	Manual
16	13061270	Repair kit
17	9836180	Manometer
18	15493497	Cushion for small seat on console
19	15493505	GRP Console set
20	15493513	Foldable backseat
21	15493539	Hatch on console
22	15493521	Cushion for backseat


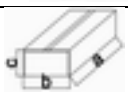
Technical information

1.2.1 Key technical data is printed on the data plate on transom of every boat.

1.2.2 Full technical data for WESTMARINE inflatable is listed below:

MODEL NAME		AL360 GREY	AL390 GREY	AL390 GREEN	AL290HYP	AL360HYP
		356	389	389	279	356
		11'8"	12'5"	12'5"	9'6"	11 '8"
		173	189	189	154	173
		5'4"	5'8"	5'8"	4'9"	5 '4"
		15KW	18.7KW	18.7KW	7.4KW	15 KW
		20HP	25HP	25HP	10HP	20 HP
		5	5.5	5.5	4	5
		700KG	780KG	780KG	500KG	700 KG
		1542 lb	1718 lb	1718 lb	1101 lb	1542 lb
	a	120/3'11"	128/4'2"	128/4'2"	110/3'8"	120/3 '11"
	b	71/2'4"	81/2'8"	81/2'8"	65/2'2"	71 /2'4"

	c	41/16.1"	43/16.9"	43/16.9"	38/15"	41 /1'4"
MODEL NAME		AL390HYP	RU 3	SB 275	HP 275	SB 310
		389	258	275	275	310
		12'5"	8'6"	9'	9'	10 '2"
		189	155	155	155	155
		5'8"	5'1"	5'1"	5'1"	5 '1"
		18.7KW	4.4KW	7.4KW	6.0KW	11.2 KW
		25HP	6HP	10HP	8HP	15 HP
		5.5	3.5	3.5	4	4.5
		780KG	450KG	500KG	500KG	600 KG
		1718 lb	991 lb	1101 lb	1101 lb	1322 lb
	a	128/4'2"	110/3'8"	112/3'8"	112/3'8"	112/3 '8"
	b	81/2'8"	58/1'11"	66/2'2"	58/1'11"	66 /2'2"
	c	43/16.9"	31/12.2"	36/14.2"	31/12.2"	36 /14.2"
MODEL NAME		HP 310	COMPACT 310RIB	RIB310	RIB310HYP	RIB350
		310	310	310	310	348
		10'2"	10'2"	10'2"	10'2"	11 '5"
		155	150	152	152	176
		5'1"	4'11"	5'	5'	5 '9"
		7.4KW	7.4KW	11.2KW	11.2KW	11.2 KW
		10HP	10HP	15HP	15HP	15 HP
		4.5	4	4	4	4
		600KG	400KG	520KG	520KG	600 KG
		1322 lb	881 lb	1145 lb	1145 lb	1322 lb
	a	112/3'8"	227/7'5"	283/9'3"	283/9'3"	311/10 '2"
	b	61/2'	109/3'7"	115/3'9"	115/3'9"	126/4 '2"
	c	33/13"	33/13"	48/18.9"	48/18.9"	54 /21.3"
MODEL NAME		RIB350WHT HYP	RIB350HYP	RIB 310 HYP DOUBLE FLOOR	FR 310	OR RIB 360
		348	348	308	310	360
		11'5"	11'5"	10'	10'2"	11 '10"
		176	176	154	150	178
		5'9"	5'9"	5'1"	4'11"	5 '10"
		11.2KW	11.2KW	11.2KW	7.4KW	18.4 KW
		15HP	15HP	15HP	10HP	25 HP
		4	4	4	4	4
		600KG	600KG	500KG	400KG	600 KG

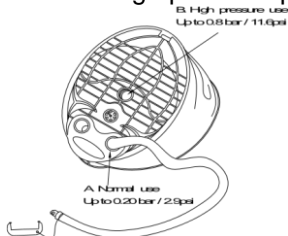
		1322 lb	1322 lb	1101 lb	881 lb	1322 lb
	a	311/10'2"	311/10'2"	283/9'3"	121/3'11"	311/10 '2"
	b	126/4'2"	126/4'2"	115/3'9"	103/3'5"	126/4 '2"
	c	54/21.3"	54/21.3"	48/18.9"	40/15.7"	54 /21.3"

1.3 Pump

1.3.1 The pump accompanied with boat is specially designed to inflate your boat to its ideal working pressure and can help you avoid all problems related to over pressure.

1.3.2 The pump's suction function allows you to completely deflate the boat, so that it can be folded and packed easily.

1.3.3 High pressure pump is supplied for HP275/310.



A. Normal inflation up to pressure 5.09 psi. [**A**]

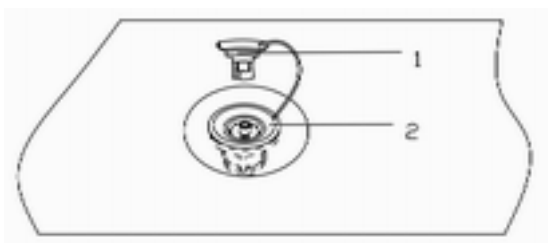
B. High pressure inflation up to 11.62 psi without cap. [**B**]

1.3.4 Normal pump is for segmented floor models and RIBs
AL360/390,AL360/390HYP,AL290HYP,RU3,SB275/310,Compact310
RIB310/350,RIB310/350HYP,RIB310HYP Double floor,FR310.



1.4 Valve

- (1) valve cap
- (2) valve main part



Valve(s) is positioned on every tube, inflatable keel and inflatable floor. See

[16 in drawing 1-1,1-2,1-3]

It is specially designed for your tube airtight.

inflation/deflation, and will keep



Valve closed
turn valve open

a



press button turn clockwise 1/4

b



press button turn counter-clockwise 1/4 turn

1-3

1.4.1 Inflation [a in 1-3]

Turn the yellow button in center counter-clockwise 1/4 turn, make sure that the spring loaded valves comes to an up position .This is the valve position for inflation. As seen in photo [**a in 1-3**]. Please install valve cap after inflation

1.4.2 Deflation [b in 1-3]

Press the yellow button in center down and turn it clockwise 1/4 round which locks the valve into the open position allowing for the air to evacuate. As seen in photo [**b in 1-3**] above

2. Assembly`

2.1 General information

Always inflate your boat with the pump supplied or designated by your supplier.

Warning!: Do not use a compressed air source (ex.: air compressor) to inflate the boat. Over inflation may cause the seams and/ or fabric themselves to rupture.

Always use a pressure gauge to confirm you are making right working pressure. The maximum inflation pressures for each part are:

3.63 psi for all tube chambers.

5.09 psi for keel (AL360/390,AL290HYP,SB275/310,HP275/310,AL360/390HYP).

11.62 psi for removable inflatable floor (HP275/310).

Depending on climate and operating conditions, the pressure may require monitoring during boat use to maintain a correct inflation.

If the boat is inflated at sea level (low altitude) and is later brought to a high altitude (i.e. for use in a mountain lake), the air pressure must be reduced to working pressure to prevent over-inflation.

A boat inflated for 2 to 3 days may lose pressure and require re-inflation to correct operating pressure.

When inflating, maintain a pressure balance between air chambers on tube to prevent damage.

2.2 Preparation

2.2.1 Remove any sharp objects from flat surface where the boat will be assembled and inflated.

2.2.2 Unfold and spread out the inflatable tube flat.

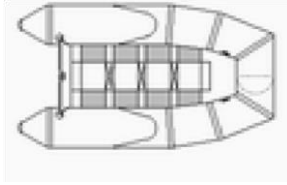
2.2.3 Turn the yellow push-button of every valve counter-clockwise, make sure that the yellow button comes up slightly. Condition as photo **[a in 1-3]**

2.2.4 If the boat has not been inflated for more than 6 months or at its first use, inflate it by attaching the foot pump to each of the valves, one at a time, and when pumping, ensure that a balance of pressure between the chambers is maintained until the boat has been fully inflated to their required working pressures. This allows the boat to take it's shape and allows for easier assembly. At that point, push the yellow button ¼ turn, clockwise, to allow some deflation in condition as photo **[b in 13]** . Allow approximately ½ of the air to escape. Turn valve to closed position to prevent further air loss

2.2.5 If the boat has been inflated in last 6 months, attach foot pump to each valve, one at a time, and add air to each chamber to ½ of their capacity.

Then continue assembling the boat as followings:

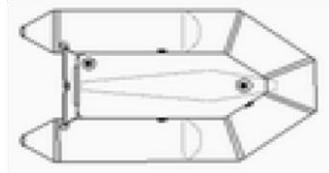
2.3 Assembly for RU3 (Slatted Floor model)



2-1

- 2.3.1** Before inflating the boat, make sure the wooden slats are in the middle of bottom; Install the wooden seat.
- 2.3.2** Inflate each chamber of the tube to working pressure 3.63 psi
- 2.3.3** The boat can be deflated and rolled up with slates inside the boat, and can be removed for cleaning or replacing

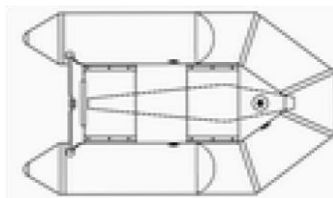
2.4 Assembly for HP275/310 (Inflatable Floor Models)



2-2

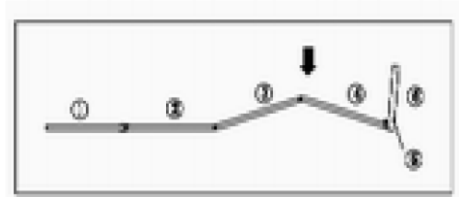
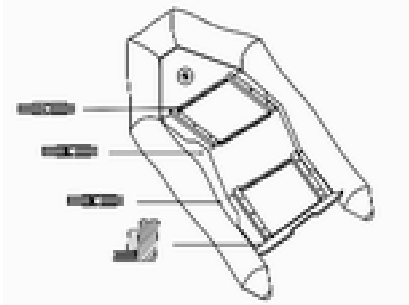
- 2.4.1** Unfold and stretch out the inflatable floor over the bottom and keel of the boat, edging it under the half-inflated tubes and wooden floor guard on the transom. The valve should face upwards. The valve of the keel should also be visual and usable through hole on the front of inflatable floor
- 2.4.2** Inflate the floor up to $\frac{3}{4}$ of its working pressure
- 2.4.3** Install the wooden seat.
- 2.4.4** Finish inflating tube to its working pressure 3.63 psi
- 2.4.5** Finish inflating the floor to 11.62 psi.
- 2.4.6** Fully inflate the keel 5.09 psi.
- 2.4.7** Put oars onto the lock pins.
- 2.4.8** Check the working pressure on every valve with a pressure gauge and close valve caps.

2.5 Assembly for SB275/310 (Wooden Floor models)



2-3

NOTE : a. *Identifying numbers on floor boards must face upwards.*
b. *Valve of keel should be visual and usable through hole on floor No..*



Assembly for wooden floors

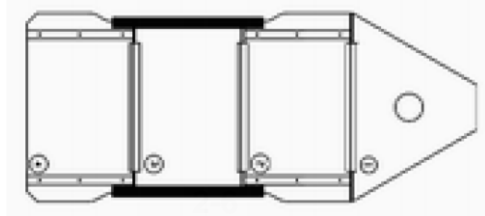
2-4



Assembly for stringers

2-5

- 2.5.1** Insert floor board no. onto bow of boat.
- 2.5.2** Insert floor board no. under floor guard on transom of boat.
- 2.5.3** Insert floor board no. into floor board No..
- 2.5.4** Insert floor board no. into floor boards No. and , press down until flat.
- 2.5.5** Inflate the air chambers up to $\frac{3}{4}$ of their capacity.
- 2.5.6** Slide an oar between ground and bottom of the boat to rise up slightly the sides of the floor boards. Attach side stringer. Repeat the procedure on opposite side of the boat.



2-6

2.5.7 Install the wooden seat.

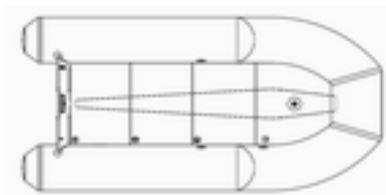
2.5.8 Finish inflating the air chambers on tube to psi, one after the other in order to maintain equal amount of air. DO NOT inflate any chamber to full capacity at one time.

Inflate the keel to pressure 5.00 psi.

2.5.9 Put oars onto the lock pin.

2.5.10 Check the working pressure on every valve with a pressure gauge and close valve caps.

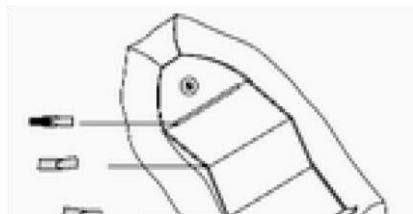
2.6 Assembly for AL360/390,AL360/390HYP,AL290HYP (Aluminium Floor models)

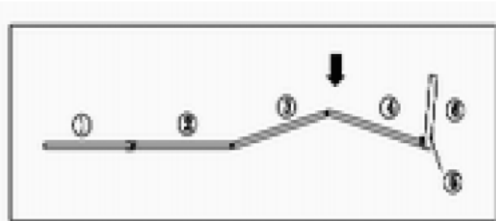


2-7

NOTE : a. Identifying numbers on floor boards must face upwards.

b. Valve of keel should be visual and usable through hole on floor No..





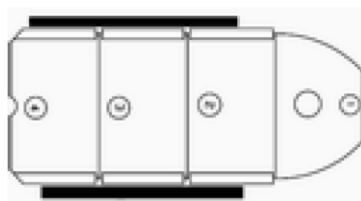
Assembly for AL floors



Assembly for stringers

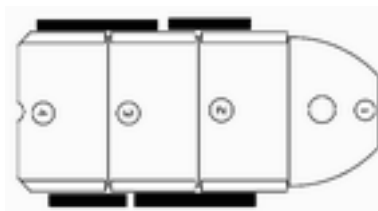
2-8

- 2.6.1** Insert floor board no. onto bow of boat.
- 2.6.2** Insert floor board no. under floor guard on transom of boat.
- 2.6.3** Insert floor board no. into floor board No..
- 2.6.4** Insert floor board no. into floor boards No. and , press down until flat.
- 2.6.5** Inflate the air chambers up to $\frac{3}{4}$ of their capacity.
- 2.6.6** Slide an oar between ground and bottom of the boat to rise up slightly the sides of the floor boards. Attach side stringer. Repeat the procedure on opposite side of the boat.



2-9

For boats AL360/390,AL360/390HYP with four stringers, start with one long, one short joiner on one side and with one short and one long on the other side (asymmetric). **[2-10]**



2-10

2.6.7 Install the wooden seat.

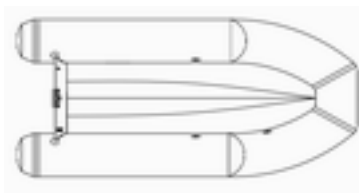
2.6.8 Finish inflating the air chambers on tube to psi, one after the other in order to maintain equal amount of air. DO NOT inflate any chamber to full capacity at one time.

Inflate the keel to pressure 5.00 psi.

2.6.9 Put oars onto the lock pin.

2.6.10 Check the working pressure on every valve with a pressure gauge and close valve caps.

2.7 Assembly for RIB310/350,RIB310/350HYP,Compact310, RIB310doublefloor, FR310



2-11

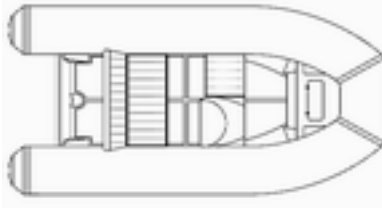
2.7.1 Install the GRP seat.

2.7.2 Finish inflating the air chambers on tube to pressure 3.50 psi.

2.7.3 Put oars onto the lock pin. Make this the last point

2.7.4 Check the working pressure on every valve with a pressure gauge and close valve caps.

2.8 Assembly for OR RIB 360



2-12

3. Operation

3.1 Aspects of environment protection

In case of oil and fuel leakage, or in polluted or dirty waters, clean or recuperate the waste in a manner appropriate to the local environment.

Excessive noise and exhaust emission should be avoided.

Particular care should be used in the disposal of residues, e.g. of paint, paint removing substances or other cleansing agents.

3.2 Safety instructions

BEWARE OF OFFSHORE WINDS AND CURRENTS!

It is the responsibility of the boat's operator to know all laws applicable to boats and to comply with those laws when equipping and operating the boat.

Rules and regulations may vary depending on the following conditions: the location of the boat's operation and the requirements of local authorities; the use of the boat, the particular time of the day during which the boat is being used, the conditions under which the boat is being operated, and the size, speed, course, kind of boat (power, oars, etc.) and mode of operation.

In addition to knowing and following the applicable laws, please note the following:

- 3.2.1** Each passenger should wear the appropriate clothing and wear an approved personal flotation device
- 3.2.2** Ensure that all basic equipment is on board the boat, including paddles /oars, inflation pump and repair kit. Be aware of the possible necessity of additional safety equipment.
- 3.2.3** A boat should not be operated by an individual under the influence of drugs or alcohol.
- 3.2.4** Weight must be distributed evenly. If your motor-equipped boat is lightly loaded, do not accelerate suddenly. Stability and handling problems can occur if the operator mishandles the craft.
- 3.2.5** The carrying capacity and the engine capacity and maximum weight must not be exceeded.

- 3.2.6** Outboard motors are dangerous and can cause injury and death when improperly operated. Never equip or operate your boat with a motor which is not approved for use with the boat. Never approach at speed a swimmer in the water or allow a swimmer to approach the stern of the boat while the engine is running. Always wear the throttle kill switch supplied with your outboard engine
- 3.2.7** Due attention should be given to winds and tides, which can change and therefore affect fuel consumption.
- 3.2.8** When boating in unknown waters, it is always a wise precaution to obtain local knowledge before setting out.
- 3.2.9** Always tell someone your time and place of departure, your proposed route and the time you expect to return.
- 3.2.10** The display of navigation lights may be required. The user should ensure that the boat should not be operated during darkness or other hazardous weather conditions unless a correct navigational lighting has been fitted and is operating properly.
- 3.2.11** Safety courses on boat handling are available in most countries from national or local organisations. Operators should acquaint themselves with the general rules of the waterways and the local water conditions before taking a boat out.
- 3.2.12** On extended voyages due consideration must be given to safety equipment such as flares, first aid kit, anchors, etc.
- 3.2.13** Wherever possible, wrecks, reefs, rocky coasts, sand banks and shallow water are to be avoided or approached with precaution.

3.3 Loadings and passengers on board

- 3.3.1** Do not exceed the loading capacity and numbers of person indicated in the date plate.
- 3.3.2** Each person in the boat should wear ~~a life jacket~~ personal flotation device
- 3.3.3** Oars or paddles, and a repair kit should be carried on board for emergencies.
- 3.3.4** The Max. Load capacity includes motor weight, passenger weight and other loadings on board.
- 3.3.5** All passengers on board should be seat inside of the boat. Do not seat on the inflatable tube.
- 3.3.6** All passengers on board should hold the life line or other fixed grabs on boat.
- 3.3.7** All loads and passengers on board boat should be distributed evenly for proper boat trim.

3.4 Operation A- rowing (inflatable boat row best by using short, quick strokes,rather than long gliding strokes)

- 3.4.1** Inflatable boats are equipped with oars and oar lock-pins; certain models also come with a rowing-seat as standard. Ensure seat is properly installed.

3.4.2 Install oars in lock-pins; attach lock-pin cap screws.

NOTE: *DO NOT use oars as levers or other usage: they could break!*

3.4.3 Local water conditions must be taken into account before operating the boat with oars or a small outboard motor. Boat power may not be strong enough to overcome currents in tidal inlets, small channels or shallows of shoal water regions.

3.5 Operation B- motoring with outboard engine WARNING!:

DO NOT OVERPOWER AND EXCEED THE MAXIMUM WEIGHT OF THE MOTOR! Overpowering can result in severe handling and/or stability problems with serious consequences.

USE A CIRCUIT BREAKER. This switch will stop the engine if, for any reason, the operator pulls the cord. When the boat is being powered, passengers should hold onto the lifeline in order to avoid falling overboard. When operating the motor-powered boat alone, sit down in the boat preferably. Rapid acceleration should be avoided to prevent falling overboard backwards.

3.5.1 Regular checks should be made on motor attachment screws. Loose screws will cause erratic boat operation and possibly the loss of your outboard motor!

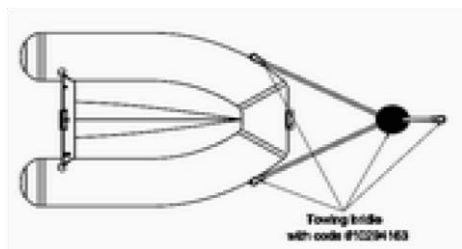
3.5.2 Read the manual carefully before assembling or operating the boat.

3.5.3 On board, check that the loads are not chafing or puncturing the boat skin.

3.6 Towing/mooring

3.6.1 The inflatable ***MUST BE EMPTY*** i.e. all loadings and passengers should be out of the boat when it is towed by another boat.

3.6.2 The towing line should be secured through the two Large D-rings on each side of the inflatable. RIB models can not be towed by its front eye nut or carry handle. See the following drawing on towing bridle. with code Code # 10294163.



3.6.3 The inflatable must be under constant supervision when it is being towed.

3.6.4 Anchoring and mooring lines should be secured **THROUGH** the bow handle. [**Super D-ring**]

**WARNING: *Always tow the boat by the side rings.
Do not tow the boat by bow handle.***

***During towing the self bailer should be in the open position to allow for water evacuation
DO NOT TOW IN EXCESS OF 10 MPH***

3.7 Air chamber failure

Should an air chamber get punctured, shift the weight to the opposite side. Prevent, as much as possible, further air leakage (by hand, or with webbing tape) and immediately proceed to the nearest shore.

3.8 Beaching

- 3.8.1** It is recommended not to use an engine when beaching. Do not drag the boat across rocks, sand, gravel or on a pavement as damage to the boat skin may result.
- 3.8.2** If the boat is to be temporarily left on a beach, part of the boat should be left in the water so that the internal heat caused by exposure to sunlight can escape and so that air pressure in the tubes can decrease.
- 3.8.3** Cover the boat to block direct exposure to sunlight if the boat is to be removed from the water for an extended period of time.
- 3.8.4** Be sure to secure the boat either by a mooring line or anchor

4 Maintenance

4.1 Cleaning

IMPORTANT: ***DO NOT use a vinyl preserving agent and waxes or cleaners containing alcohol on fabric surfaces. Chemicals in such agents will dry out the fabric.***

Recommended Cleaner /Protector West Marine Code # 10179182

- 4.1.1** Clean and rinse and your boat when possible, after each use.
- 4.1.2** For boats with removable floor (AL360/390,AL360/390HYP,AL290HYP SB275/310), deflate each valve half and take out the floor and/or stringers. Inflate the tube and/or floor to clean them separately.
- 4.1.3** For boats with inflatable floor(HP275/310), deflate the floor to enable cleaning edges and corners between tube and floor.
- 4.1.4** At the end of a season, wash it out in soapy water or with washing-up liquid. Rinse, let dry before you disassembly and fold up the boat.

4.2 Disassembly

NOTE: ***The boat should be clean and dry before rolling up for storage. Remove any sand and debris.***

- 4.2.1** Deflate the boat by pressings down fully the yellow button on every valve and turn it clockwise 1/4 round to lock it open.
- 4.2.2** Remove the seat and oars.
- 4.2.3** For model HP275/310, remove the inflatable floor.
For model AL360/390,AL360/390HYP,AL290HYP,SB275/310

- a). Remove side joiners first.
- b). Raise one of the middle floor boards. Start with the raised floor and continue to remove bow and transom floor boards.

Store floor boards, side joiners, oars and seats into carrying bag.

4.2.4 using the foot pump as a suction device, remove excess air from each chamber.

4.2.5 With the boat now flat, tuck the tube where the oar locks are into the boat. Roll up the boat from either end and place it in the carrying bag along with the pump.

4.3 Storage

4.3.1 After use, the boat and all components should be washed with a mild soap and rinsed with fresh water. Dry all parts before storing in the carrying bag. This will help prevent mould or mildew.

4.3.2 Wooden parts should be inspected for damage or deterioration. Surface scratches or abrasions should be covered with a marine grade varnish.

4.3.3 To keep the boat looking new, store the boat in a cool and dry place and avoid excessive exposure to direct sunlight.

4.3.4 To avoid damaging the boat during storage, do not place heavy objects on it.

5 Repair

5.1 Small tears, cuts and punctures

5.1.1 The repair of a small leak or puncture less than ½ inch (12.7 mm) can be done with a round patch, 3 inches (76.2 mm) diameter, minimum.

5.1.2 Both patch and surface on the boat must be dry and free of dirt and grease.

5.1.3 Apply 3 thin, even coats of adhesive to the surface of the boat and the patch. Wait 5 minutes between each coat. After the 3rd coat, wait 1015 minutes before placing the patch on the boat skin. Use a smooth object to add pressure to the patch, starting in the center and pushing outward

5.1.4 Wait for at least 24 hours before re-inflating the boat.

5.2 Large repairs of fabric, seams and transom etc

For all large repairs it is recommended to return the boat to your dealer. Contact him first, if possible.

6 Warranty policy

6.1 The warranty card is packed together with manual in the plastic bag.