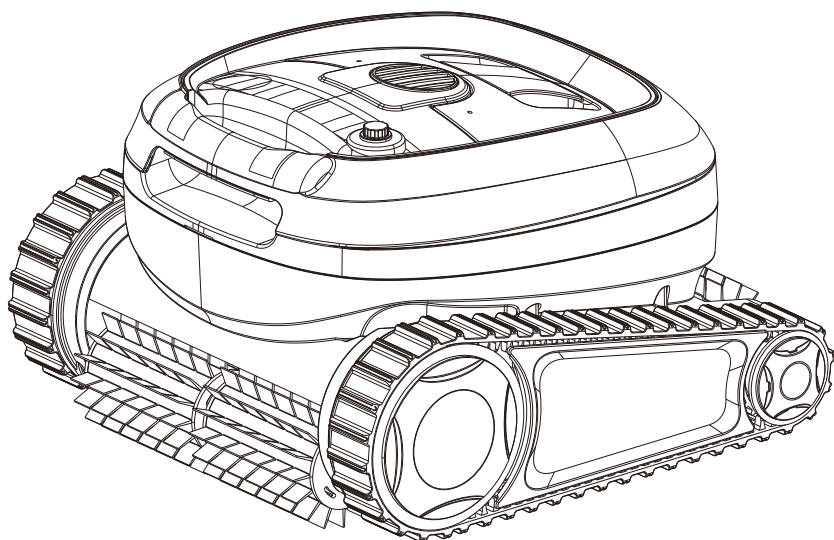


USER MANUAL

CORDLESS RECHARGEABLE AUTOMATIC POOL CLEANER



CONTENTS

SAFETY PRECAUTIONS	01-02
PART LIST/STRUCTURE	03
SPECIFICATION	04
CHARGING INSTRUCTION	05
OPERATION	06-08
LED INDICATOR	09
FILTER CLEANING	10-11
MAINTENANCE	12
REPLACE THE BIG WHEELS	13-14
REPLACE THE SMALL WHEELS	15-16
REPLACE THE TRACKS	17-18
REPLACE THE FRONT ROLLER BRUSH	19-22
REPLACE THE REAR ROLLER BRUSH	23-24
REPLACE THE BOTTOM SQUEEGEE	25
TROUBLE SHOOTING	26

Please read the instruction carefully before using this product, and keep the instruction for future reference.

WARNING:

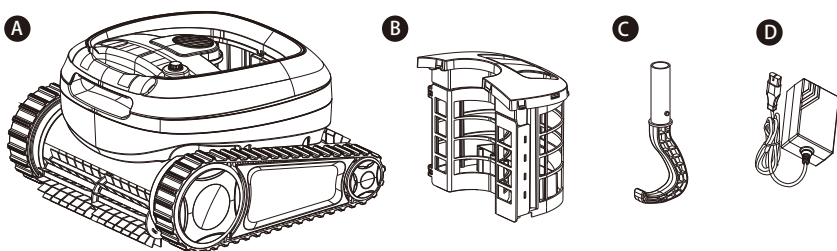
- This is not a toy. Do not allow children to use it as a toy. Keep away from Children.

This appliance shall not be used by children. Cleaning and user maintenance shall not be carried out by children.

- Assembly and operate only by adult, this cleaner is not intended for use for someone with reduced physical, sensory or mental capabilities, or a lack of experience and knowledge unless they have been given instructions concerning the appliance and are under supervision of the person responsible for their safety.
- Use only accessories and replacement parts specified in instructions for this cleaner.
- Do not use cleaner if unit is damaged in any way.
- Keep hair, fingers, any part of body and any loose part of your clothing from the opening, suction range and moving part.
- The cleaner is only suitable for pools with size up to 1600ft² (150m²) due to the limitation of battery capacity and water depth 0.5-3 meters.
- This cleaner is intended to be used only for cleaning pool.
- This product is designed for routine general maintenance of your pool. Do not use for cleaning for longer accumulated heavy dirt.
- Do not vacuum chemical sewage, corrosive liquid, toxic substances, flammable or combustible liquids such as gasoline, or operate in the presence of explosive or flammable fumes.
- Do not use on or near hot surfaces.
- Suitable water temperature and PH: 10°C (50°F) - 35°C(95°F) and PH 7-7.4.
- Avoid picking up large, hard and sharp objects with the vacuum.
- Never insert or drop any object into any opening on the device. Keep all openings free of leaves, rocks or anything that may reduce water flow.
- Never leave cleaner in the water when it is off or has run out of battery power.
- Use the original and authorized power charger only.

- Do not charge cleaner with damaged cord or damaged charger. Keep the cord and charger away from sharp objects or hot surfaces.
- Please confirm that the charging port is dry and it is turned off before charging.
- The charger must be plugged into a socket with leakage protection. Please ensure that the ground wire on the socket is in a standard and reliable way.
- Do not charge the product with wet hands and barefoot, and do not touch the product with wet hands or barefoot while charging.
- Use your charger indoors in a clean and dry place. Do not expose charger to water, any liquid, high moisture, or extreme temperature. The cleaner should be charged under 5°C (41°F) - 35°C(95°F).
- Disconnect charger from socket after full charging, and before any routine cleaning, filter cleaning, accessories replacement and maintenance.
- Never leave cleaner plugged into the socket for long term storage.
- During the stock period, charge the device every two months to protect its battery. If it is not frequently used, or the battery voltage will be lower than over-discharge protection voltage which causing battery self-discharge problem.
- Please stock the cleaner in a cool and ventilated place indoors.
- Keep people and animals out of the pool while the cleaner is in use to avoid danger and injury.
- This appliance contains batteries that are non-replaceable.
- Do not attempt to disassemble the cleaner and replace the impeller, motor and batteries by yourself.
- Pollution of the liquid could occur due to leakage of lubricants.
- Always disconnect the appliance from the supply before assembling, disassembling or cleaning.
- Pumps without indication that they are protected against the effect of freezing shall not be left outside during freezing weather conditions.
- This cleaner is not designed for cleaning algae. Please clean algae before using it.

PART LIST/STRUCTURE

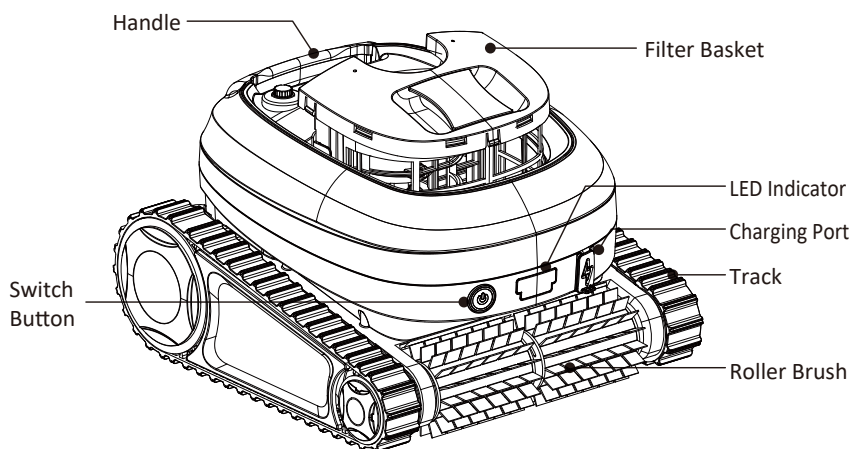


A. Cleaner Body

B. Filter Basket

C. Hook

D. Charger



SPECIFICATION

Max Coverage	Up to 1600ft ² /150m ²
Charger Input:	100-240V,50/60Hz, 1.5A
Charger Output:	16.8V/3.0A
Charging Time	3~4 H
Runtime	Up to 150Minutes
Protection	IPX8
Motor Power	80W
Battery Pack	8000mAh
Water Depth:	1.6-10ft (0.5-3m)
Ideal Water Depth:	5.75ft / 1.75m

WORKING CONDITION

The pool environment should not beyond the conditions listed below, or may cause damage to the cleaner and will not be covered by warranty.

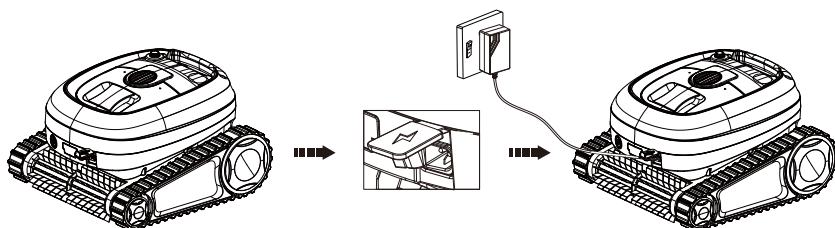
Temperature:	50-95°F (10-35°C)
pH Value:	7.0 - 7.4
Chlorine:	Maximum 4 ppm
NaCl:	Maximum 5000 ppm

CHARGING INSTRUCTION

Please full charge the cleaner before first use.

Make sure the cleaner is turned off, please take it out of pool before charging and charge it indoors.

Open the charging cover, make the charging port is dry and inserted the charger head into the charging port. Then connect the charger to the socket. Led Light will flash and showing battery status (See LED INDICATOR form as below).



NOTE:

Use the original and authorized power charger only.

Do not charge cleaner with damaged cord or damaged charger. Keep the cord and charger away from sharp objects or hot surfaces.

Please confirm that the charging port is dry and it is turned off before charging.

The charger must be plugged into a socket with leakage protection. Please ensure that the ground wire on the socket is in a standard and reliable way.

Do not charge the product with wet hands and barefoot, and do not touch the product with wet hands or barefoot while charging.

Use your charger indoors in a clean and dry place. Do not expose charger to water, any liquid, high moisture, or extreme temperature. The cleaner should be charged under 5°C (41°F) - 35°C(95°F).

Disconnect charger from socket after full charging, and before any routine cleaning, filter cleaning, accessories replacement and maintenance.

Never leave cleaner plugged into the socket for long term storage.

During the stock period, charge the device every two months to protect its battery.

If it is not frequently used, or the battery voltage will be lower than over-discharge protection voltage which causing battery self-discharge problem.

This machine is suitable for pools made of concrete, fiberglass, vinyl, mosaic tiles, glass and other materials; and cleans floors, walls and water lines up to 1600sq.ft/150m². Can't clean steps. It cannot be used for infinity pools.

OPERATION

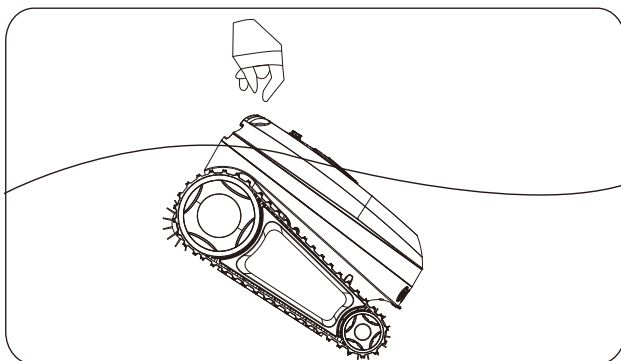
Press the switch for 4 seconds to turn on and press and hold the switch for 2 seconds to turn off the cleaner.

Floor Mode: It is default mode for this cleaner once turned on, Press the button to switch between Floor Mode, Wall Mode and Floor & Wall Mode.

After choosing the mode, place the cleaner into the water. It will start to work after 2 minutes.

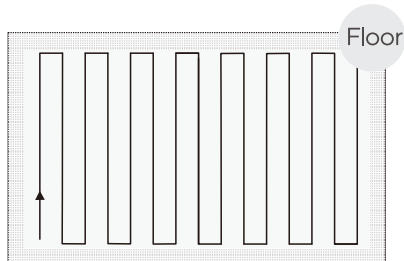
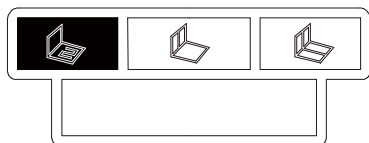
Note: If the machine is not submerged in water within 30 seconds since turning it on, it will automatically switch off after 30 seconds and needs to be restarted for using again.

Note: When pressing the cleaner into the water, hold the handle to press the cleaner bottom face towards the wall and make it sinks naturally to the bottom of the pool.



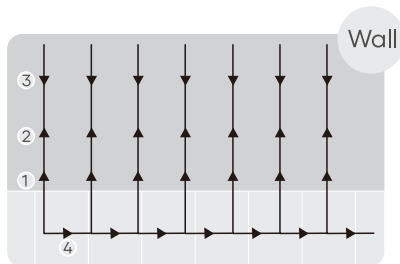
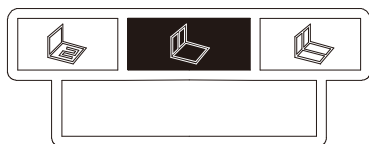
Floor Mode:

The 1st blue light is turned on. The cleaner will clean the pool floor in a way as below image.



Wall Mode:

The 2nd blue light is turned on. The cleaner will clean the pool wall in a way as below image.



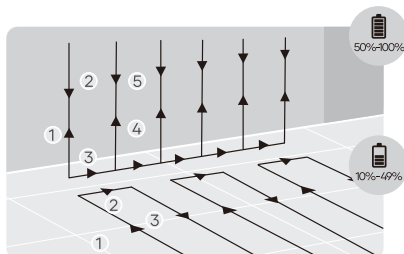
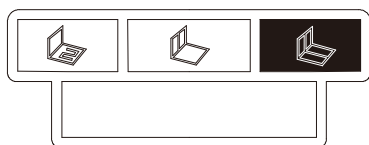
Floor & Wall Mode:

The 3rd blue light is turned on. The cleaner will clean the pool wall in a way as below image.

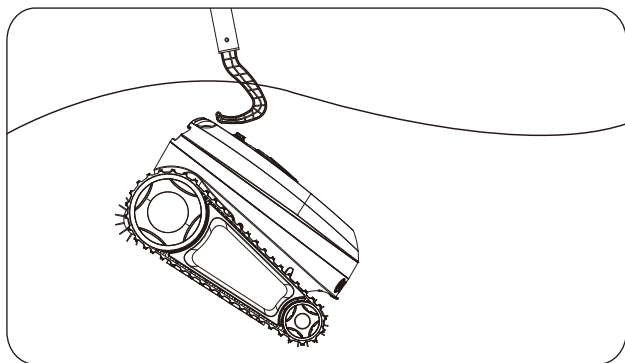
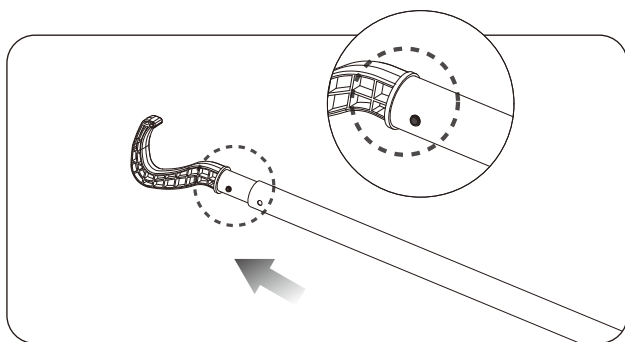
When the battery level 50%-100%, it cleans the wall.

When the battery level 10%-49%, it cleans the floor.

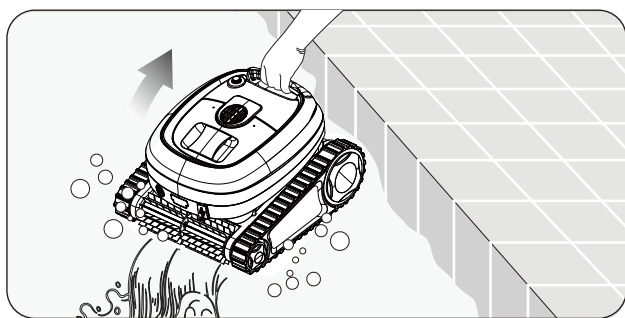
When the battery level is low, it will automatically park and stop cleaning.



The cleaner will automatically parking when low power, please taking out cleaner from pool with hook with pole (Pole is not included) carefully.



Hold the handle and allow the water inside drain out.



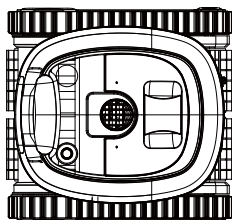
It will stop working after 10 seconds since removing from water.

LED INDICATOR

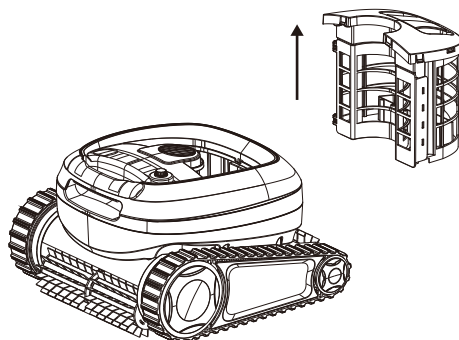
NO.	FUNCTION	DESCRIPTION	ILLUSTRATION
1	ON/OFF	Press 4 seconds to turn on. Press 2 seconds to turn off.	
2	Floor Mode	Default mode after cleaner turned on, 1st BLUE Led turned on.	
3	Wall Mode	When turn on cleaner, short press the switch and turn to wall mode, 2nd BLUE Led turned on.	
4	Floor & Wall Mode	When turn on cleaner, short press the switch 2 times and turn to floor and wall mode, 3rd BLUE Led turned on.	
5	Low Power	When turn on cleaner, If battery power lower than 10%, RED BLUE fast flash 10 times then automatically turn off.	
6	Battery Power	Power Status LED Light Color: ≥60% Green Led Light 59%~25% Blue Led Light ≤24% Red Led Light	
7	Charging	Breathing Flashing and Power Status LED Color: 86%~99% Green Led Light Flashing 51%~85% Blue Led Light Flashing ≤50% Red Led Light Flashing	
8	Full Charged	Solid GREEN Light (No Flashing).	
9	Motor Or Track Stuck	RED light flashing then automatically turned off.	

FILTER CLEANING

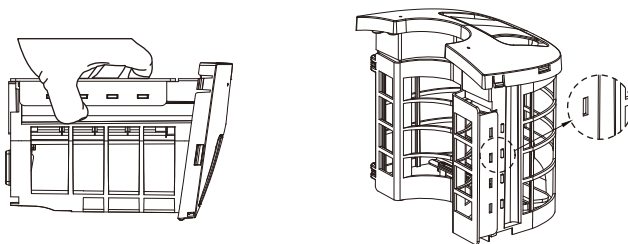
Take the cleaner out of water and place it on flat surface on the shore and make sure the cleaner is turned off.



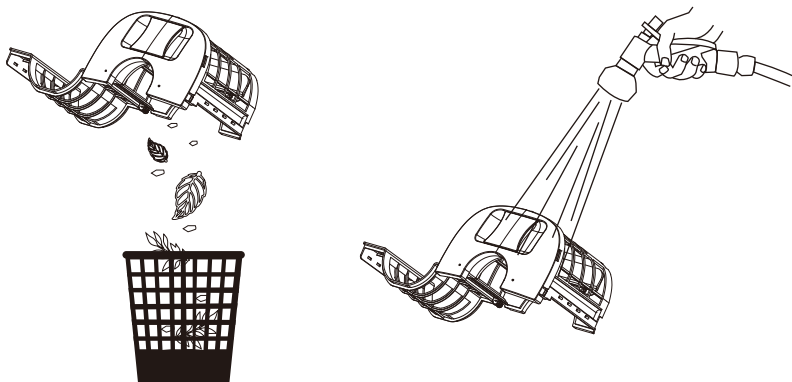
1. Pinch the lid by fingers on the top of filter.



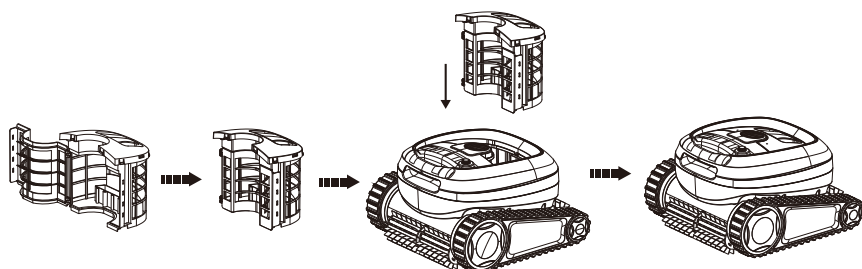
2. Remove the filter out of cleaner by lifting its lid.



3. Place the filter side flat on the floor to avoid the dirt falling out of filter, then Pull the filter door open.



4. Remove the dirt from basket and rinse the filter basket with clean water. Don't damage it with sharp tools.



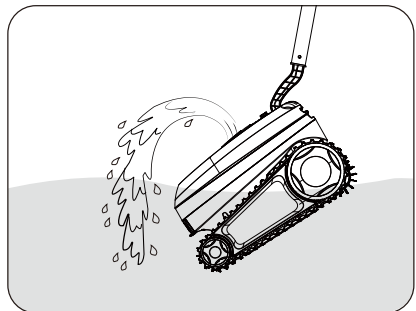
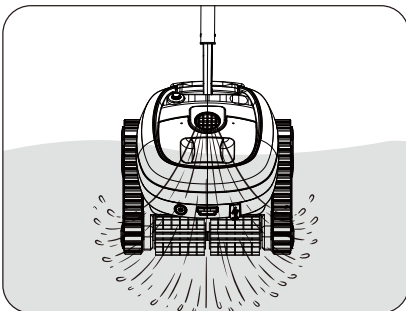
5. Close the filter door firmly with hasp in place and re-assemble the filter basket back in cleaner body.

MAINTENANCE

1. Clean the cleaner with fresh water to prevent chemical damage after every time using. Do not use detergent.
2. Clean the filter after each time using.
3. Do not use it without filter or with damaged filter.
4. Avoid picking up large, hard and sharp objects.
5. Never leave cleaner in the water when it is off or has run out of battery power.
6. Never leave it outdoors in sunlight, heat, hot surfaces, rain, high moisture, and pool chemicals.
7. Dry and clean the body with dry cloth, make sure to dry the water from whole unit and accessories, and keep it stored indoors with room temperature.
8. Disconnect it from the charger for long term storage.
9. For Long time storage charge your cleaner every TWO months to 40%-60% battery capacity to maintain the battery life.
10. Please recharge it when reusing after long term storage.
11. Never disassemble the main body set without prior consultation with manufacturer.
12. Suction motor maintenance.

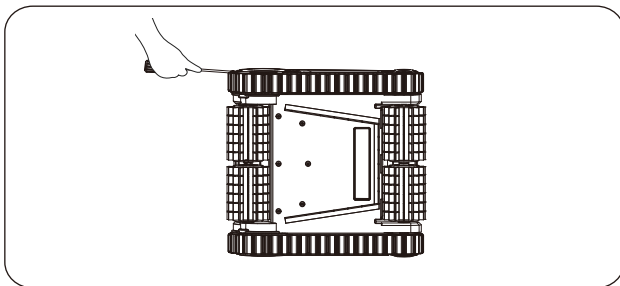
Please hang the robot on the water surface with a hook as shown in the picture as below, and let the suction motor automatically pump water to clean the turbine for 2-3 minutes. Please don't take too long time as it cost lots of electricity and even may cause abnormal noise and poor performance of the suction motor. When cleaning and maintaining the suction motor, some air is also sucked in, so when reusing the cleaner, it may take several minutes for the suction motor to gradually empty the air and come back to a good working status. Could do it with below conditions as below:

1. Generally the suction motor can be cleaned in this way once a week.
2. The suction power is not good as before even full charged.
3. After cleaning the swimming pool which is dirtier than normal, it is necessary to clean it immediately to maintain the suction motor better status.

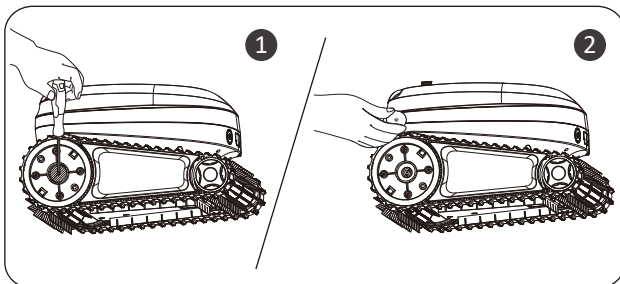


REPLACE THE BIG WHEELS

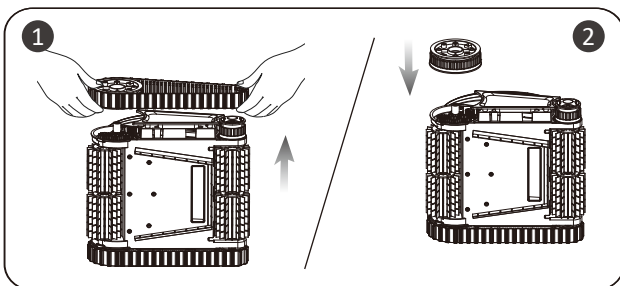
a.Remove the wheel cover plate from the big wheel carefully with slotted screwdriver.



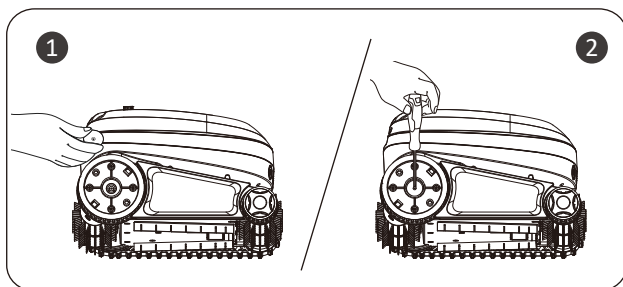
b.Remove the screw and gasket from the big wheel with the cross screwdriver.



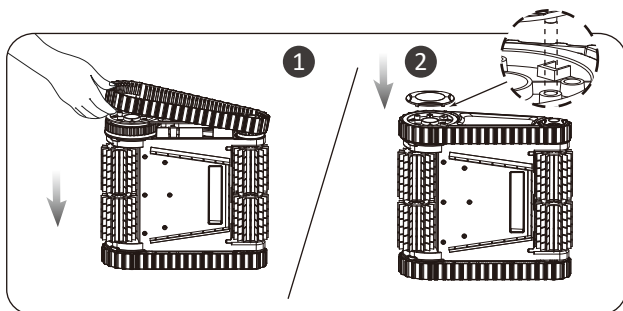
c.Remove the big wheel and track from the cleaner. Then replace the new big wheel.



d. Put the gasket back and retighten the screw.

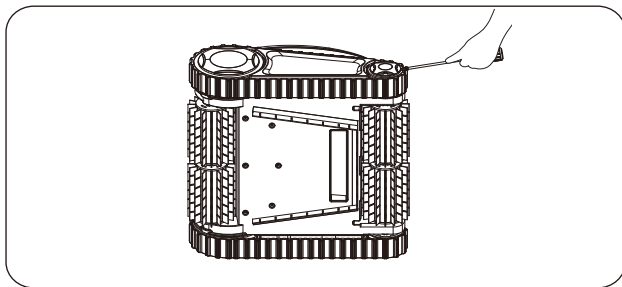


e. Align the gears on the track with the gears on both big wheel and small wheel to assemble the track back. Align the dot on the big wheel cover with the circular groove on the big wheel to reinstall the big wheel cover plate back.

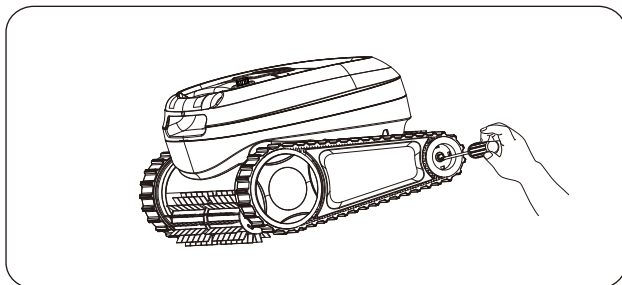


REPLACE THE SMALL WHEELS

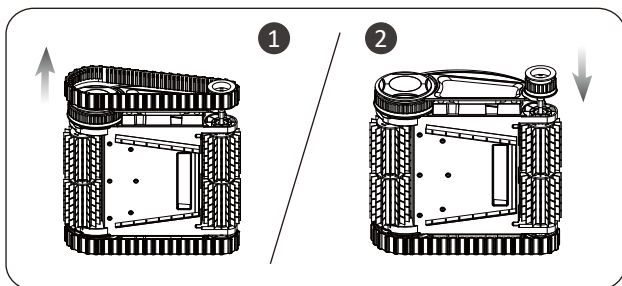
a.Remove the wheel cover plate from the small wheel carefully with slotted screwdriver.



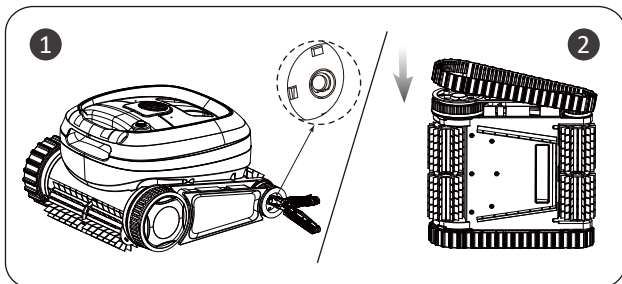
b.Remove the Circlip with slotted screwdriver carefully, keep it for later reassembly.



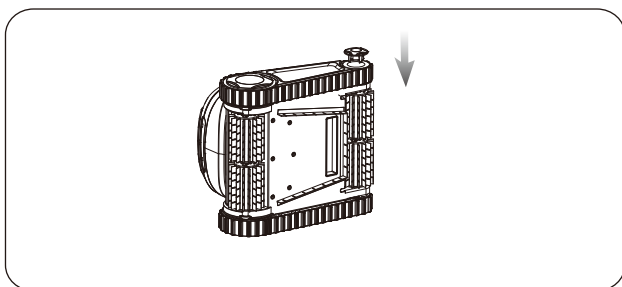
c.Remove the small wheel and track from the cleaner and replace the small wheel.



d.Clamp the Circlip with pliers carefully to the position of the shaft notch and secure it in place. Align the tracks with the gears on both big wheel and small wheel and reassemble it back.

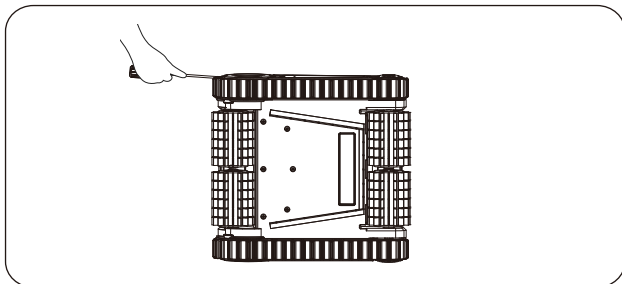


e.Reinstall the small wheel cover plate back.

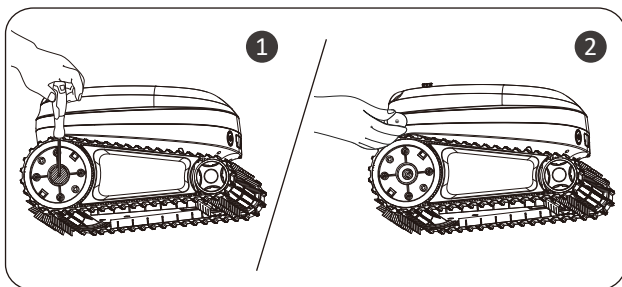


REPLACE THE TRACKS

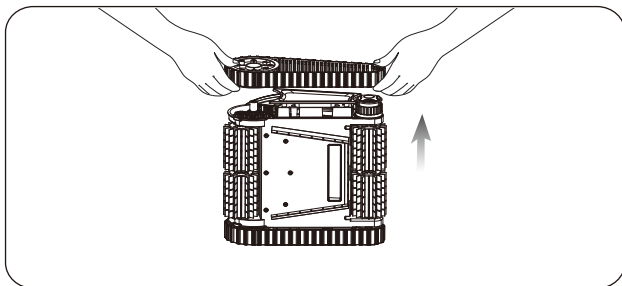
a.Remove the wheel cover plate from the big wheel carefully with slotted screwdriver.



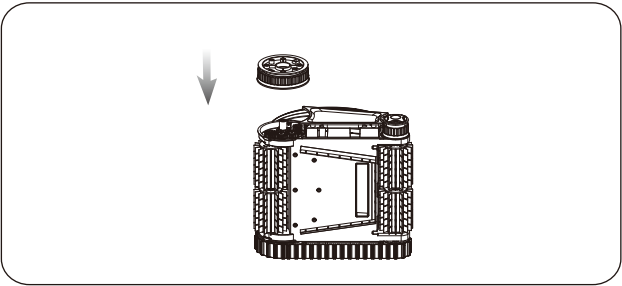
b.Remove the screw and gasket from the big wheel with the cross screwdriver.



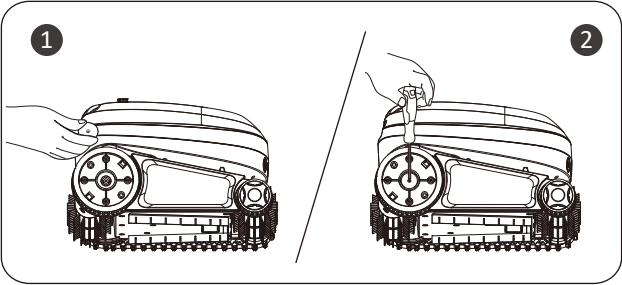
c.Remove the big wheel and track from the cleaner.



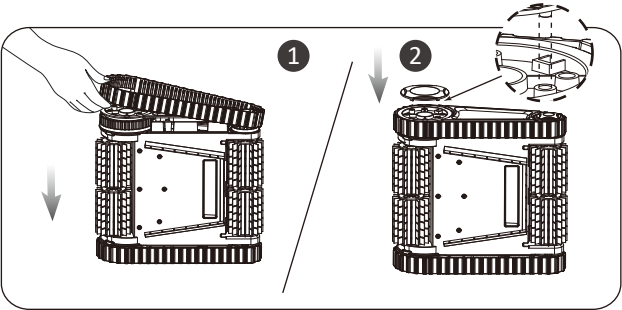
d.Reinstall the new big wheel.



e.Put the gasket back and retighten the screw.

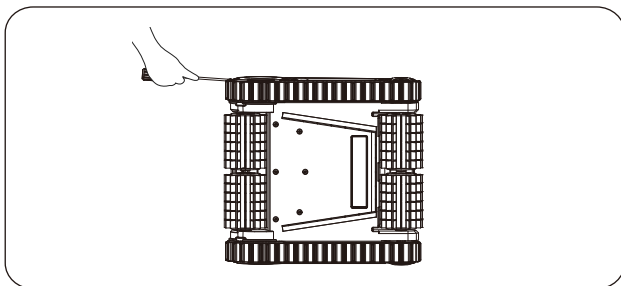


f.Align the gears on the track with the gears on both big wheel and small wheel to assemble the new track. Align the dot on the big wheel cover with the circular groove on the big wheel to reinstall the big wheel cover plate back.

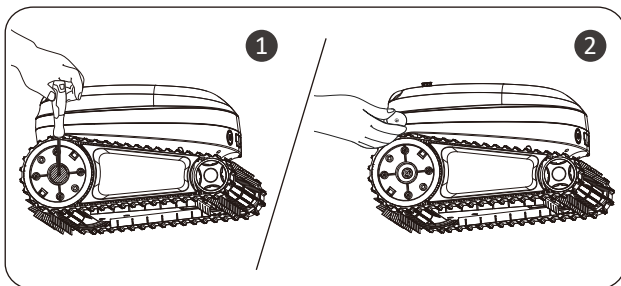


REPLACE THE FRONT ROLLER BRUSH

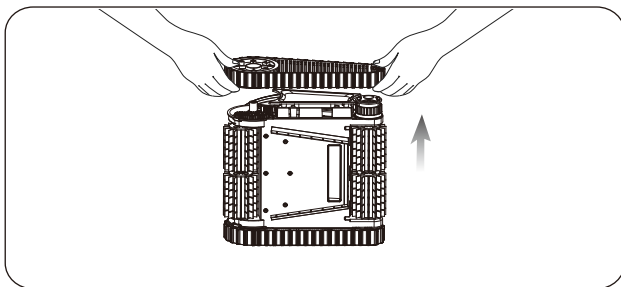
a.Remove the wheel cover plate from the big wheel carefully with slotted screwdriver.



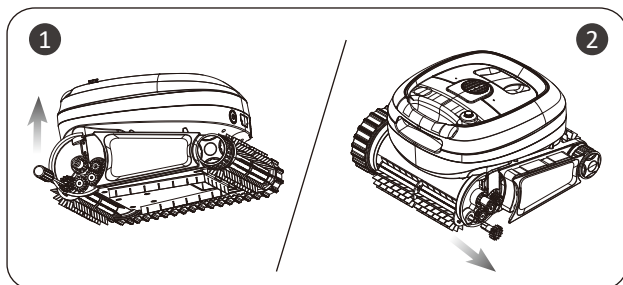
b.Remove the screw and gasket from the big wheel with the cross screwdriver.



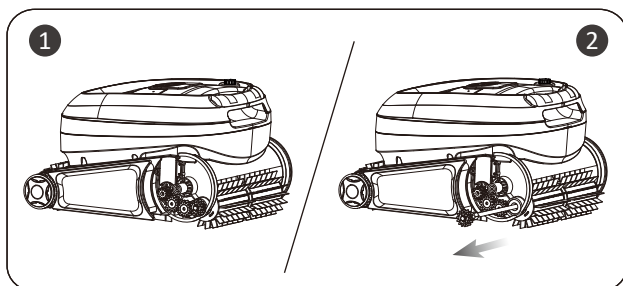
c.Remove the big wheel and track from the cleaner. Same way to the other side.



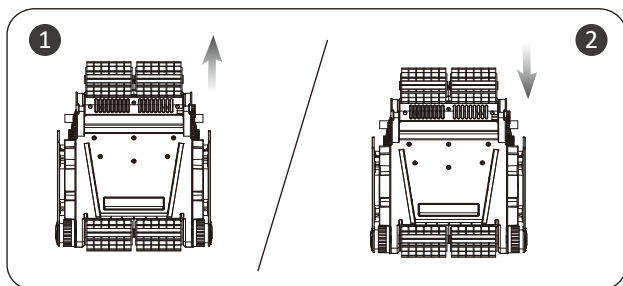
d.Remove the Circlip on the front roller shaft with slotted screwdriver carefully, keep it for later reassembly. Then remove the shaft gear.



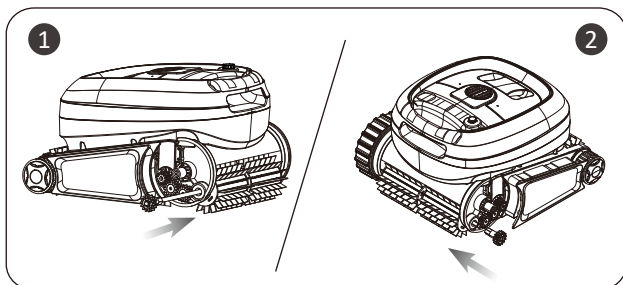
e.Remove the big wheel and track on the other side as ways above, then slide out the shaft with gear out.



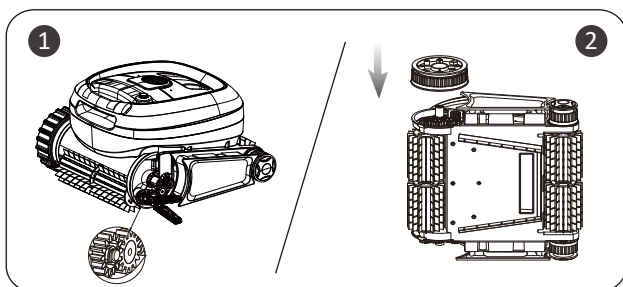
f.Remove the roller brush and replace the new one.



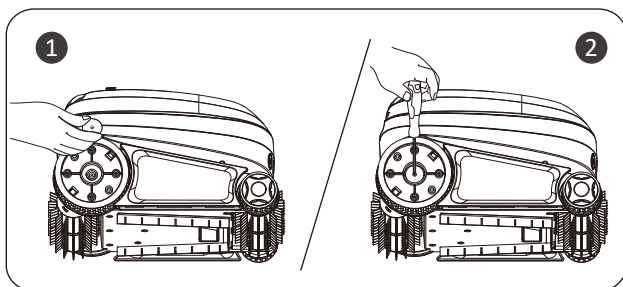
g. Slide the shaft with gear back and reinstall the gear back to the shaft on the other side.



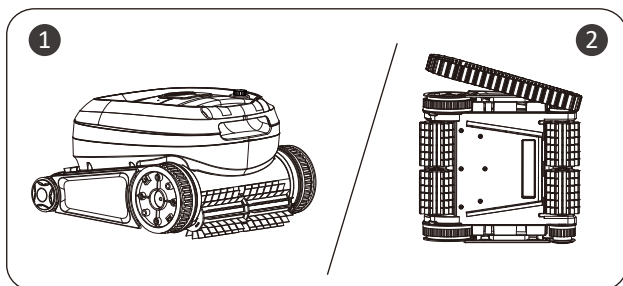
h. Clamp the circlip with pliers carefully to the position of the shaft notch and secure it in place. Then reinstall the big wheel.



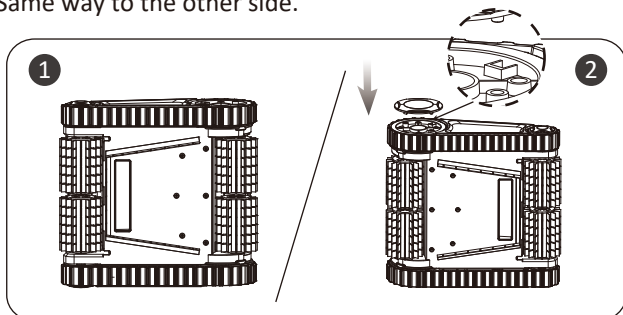
i. Put the gasket back and retighten the screw.



j.Align the gears on the track with the gears on both big wheel and small wheel to assemble the track back.

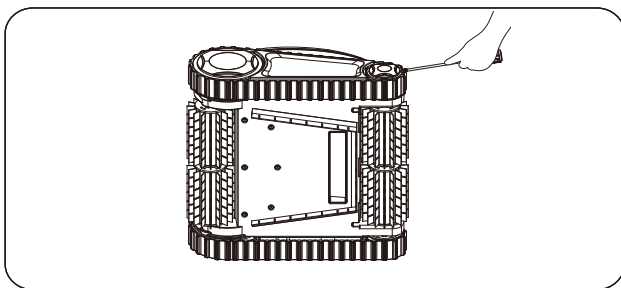


k.Align the dot on the big wheel cover with the circular groove on the big wheel to reinstall the big wheel cover plate back. Same way to the other side.

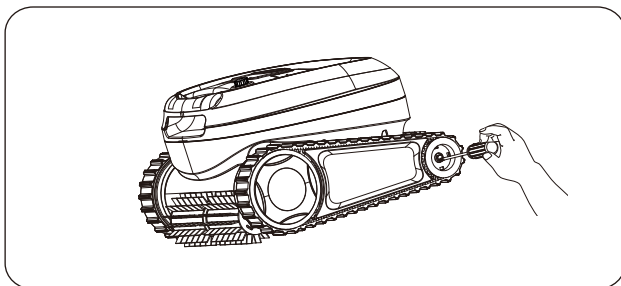


REPLACE THE REAR ROLLER BRUSH

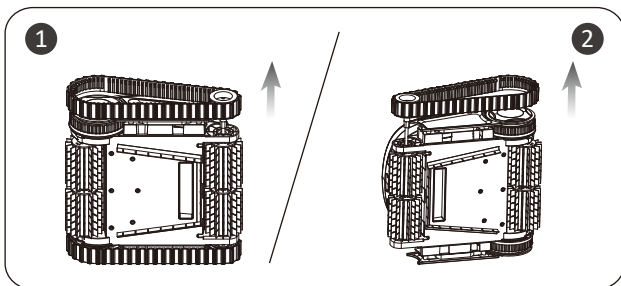
a.Remove the wheel cover plate from the small wheel carefully with slotted screwdriver.



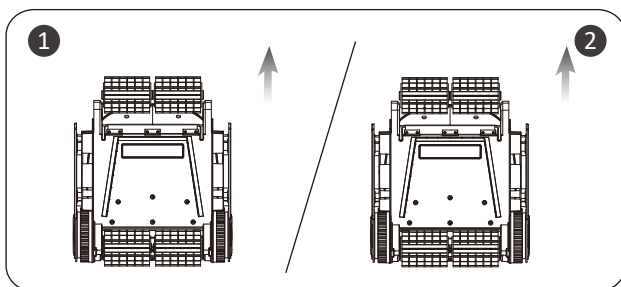
b.Remove the Circlip on the rear roller shaft with slotted screwdriver carefully, keep it for later reassembly.



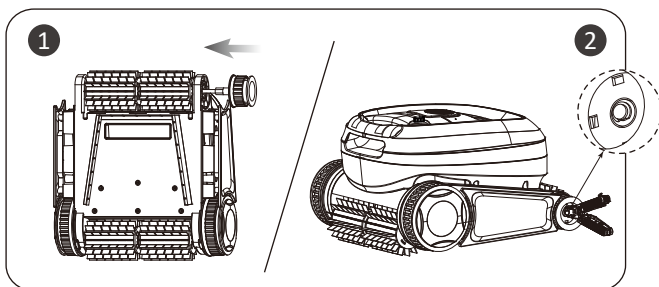
c.Remove the small wheel and track from the cleaner, same to the other side. Remove the small wheel with track and shaft.



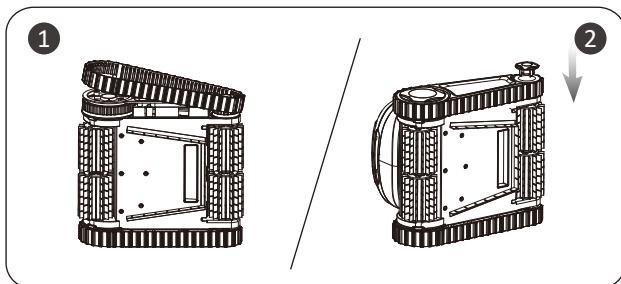
d. Replace the new rear roller brush.



e. Slide the small wheel with shaft in through the new rear roller brush and reinstall the other small wheel. Clamp the Circlip with pliers carefully to the position of the shaft notch and secure it in place.

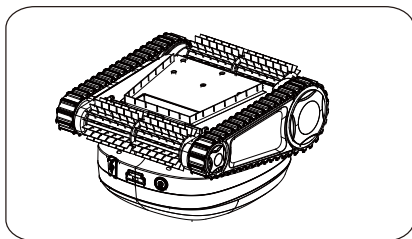


f. Reinstall the tracks and wheel cover plates on both sides.

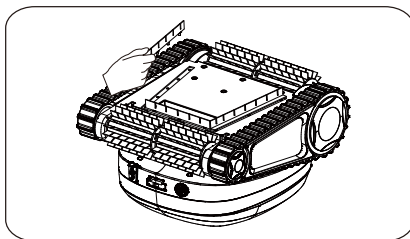


REPLACE THE BOTTOM SQUEEGEE

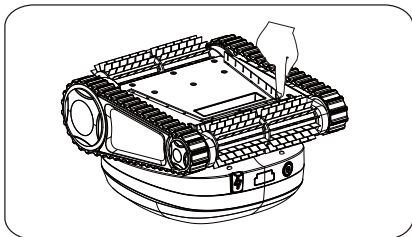
a. Place the machine upside down carefully on a soft cloth surface to prevent scratching the machine surface.



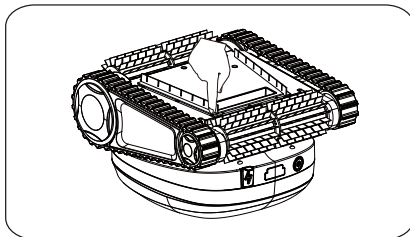
b. Carefully puff the damaged squeegee by hand.



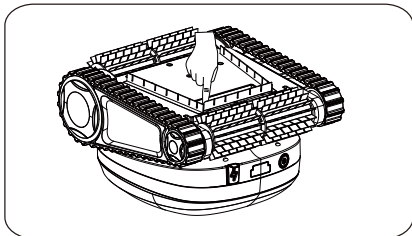
c. If the left squeegee needs to be replaced, replace it with a squeegee marked with the letter "L". Carefully press the protruding point used for fixation into the bottom with your fingers.



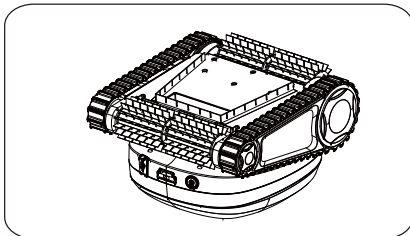
d. If the right squeegee needs to be replaced, replace it with a squeegee marked with the letter "R". Carefully press the protruding point used for fixation into the bottom with your fingers.



e. If the back squeegee needs to be replaced, replace it with a squeegee marked with the letter "B". Carefully press the protruding point used for fixation into the bottom with your fingers.



f. If tool assistance is required, please avoid sharp tools which may damage the squeegee or the bottom of the cleaner. After installation, check whether the squeegees are assembled in place and are flat.



TROUBLE SHOOTING

1. What kind of swimming pool is suitable?

In-ground pool Up to 1600ft²/150m²

2. Cleaner have no response after turning it on.

The battery may have no power and please recharge it.

During the stock period, charge the device every two months to 40%-60% battery capacity to protect its battery. If it is not frequently used, or the battery voltage will be lower than over-discharge protection voltage which causing battery self - discharge problem.

3. It unable to climb the wall.

3.1 Set to the floor only mode.

3.2 Too much dirt in the filter basket, please clean it.

3.3 Battery has low power.

3.4 The track is broken.

3.5 There are algae on the wall make it slippery, clean and remove algae at first.

4. The cleaner doesn't move or move slowly.

4.1 Battery has low power or no power.

4.2 Too much dirt in the basket, please clean it.

4.3 Caught by the drain outlet, could use a pole to help it escape free.

5. There are some water droplets inside new machine.

Every cleaner will water tested before leaving factory, so may will leave some water droplets inside, will not affect the cleaner, please use it normally.

