

madimack

Trusted by
POOL PROFESSIONALS

madimack
gt / *freedom* ^{PLUS}

Cordless Robotic
Pool Cleaner

USER MANUAL & INSTRUCTIONS



Make it a Madimack.

⚠ PLEASE READ THE MANUAL CAREFULLY BEFORE INSTALLATION & OPERATION AND RETAIN IT FOR FUTURE REFERENCE.

- ⚠ Adherence to the directions for use in this manual is extremely important for health and safety. Failure to strictly adhere to the requirements in this manual may result in personal injury, property damage and affect your ability to make a claim under Madimack's warranty provided with your product.
- ⚠ Products must be used, installed and operated in accordance with this manual. You may not be able to claim on the manufacturer's warranty in the event that your product fault is due to failure to adhere this manual.

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1 Important warnings & safety information

GENERAL WARNINGS

- Read all instructions before use.
- The GTF Plus is for residential pool cleaning only. Do not use for other purposes.
- Keep out of reach of children and persons with limited capabilities unless supervised.
- Do not allow children to play with the GTF Plus.
- Only qualified professionals should perform maintenance other than what's specified in this manual.
- Installers must follow manufacturer instructions and comply with all local standards.
- Incorrect installation or use can cause injury or property damage and void the warranty.
- Do not operate while people or animals are in the pool.
- Use information as general guidance only. Always seek professional advice when required.

WARNINGS ON USE

- ⚠ Use only the genuine charger and battery pack. Using other parts may cause fire or injury.
- ⚠ Charge indoors only, within 6°C–35°C.
- ⚠ Disconnect charger and ensure power is OFF before any maintenance.
- ⚠ Do not operate with wet hands or carry the unit with your finger on the power button.
- ⚠ Keep removed batteries away from metal objects to prevent short-circuit or fire.
- ⚠ Do not open or attempt to repair the GTF Plus yourself—contact an authorised dealer.
- ⚠ Stop using immediately if the unit emits odour, leaks, or malfunctions.
- ⚠ Use only genuine replacement parts.
- ⚠ Charge fully every 3 months to protect battery life.
- ⚠ Damaged or leaking batteries can cause burns—avoid contact and rinse immediately if exposed.
- ⚠ Do not expose the GTF Plus, battery, or charger to fire or temperatures above 130°C.
- ⚠ Do not leave in direct sunlight or rain; store dry, cool, and undercover.
- ⚠ Dispose of this electrical product in accordance with local regulations.

GENERAL OPERATING CONDITIONS

- Water depth: 1.0–2.5 m (unit stops automatically below 0.4 m).
- Water temp: 4°C–35°C (performance may reduce below 15°C).
- Pool water: pH 7.0–7.8; salt ≤ 5000 ppm; chlorine ≤ 4 ppm.
- Not suitable for >30° slopes or beach-entry pools.
- Remove from pool during shock chlorination or thunderstorms.
- Do not charge outdoors or near water.
- Store fully dry in a cool, shaded place (–10°C to 45°C; 30–70% RH).

TIPS

- Drain water by tilting the unit at the pool's edge.
- Lift slowly to avoid back strain—never lift by the tracks or roller.
- Clean the filter basket after each use.

REMINDERS

- When the battery is below 40%, the GTF Plus will clean the floor only.
- Always dry completely before storage.
- Clean the filter basket thoroughly after every cycle.
- Store the charger cable neatly—no twists or tangles.
- Optimum storage temperature: –10°C to 45°C.



2 Technical Specifications

Model	GTF PLUS 5.5h	GTF PLUS 8h
Endurance time	5.5h	8h
Charging time	5h	6h
Battery	7.5Ah (192Wh)	10.4h (262Wh)
Pool size	6×12m	
Optimum pool temperature	4~35°C / 39.2~95°F	
Cleaning mode	Floor only or Floor/Wall/Waterline	
Turbo mode	YES	
Multiple Cycle Option	1h/1.5h/2h/Max	
AI Timer	24h/48h/72h	
Filter capacity	3.2L	
Filtration accuracy	Single layer 180µm	
APP	Yes	
Pump flow rate	15-20(m ³ /h)	
Running power	20-100W	
Moving speed	10-12m/min	
Number of motors	3	
Charger input	100-240VAC ~ 50/60Hz	
Running voltage/current	25.5V / 1A	
GTF Plus NW/GW	8.1kg / 12.9kg	
Dimensions (L*W*H)	423*385*236mm	

Note: The above-mentioned endurance times are based on continuous operation in floor mode. Actual performance may vary depending on pool shape, dimensions and water conditions.

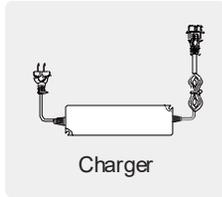
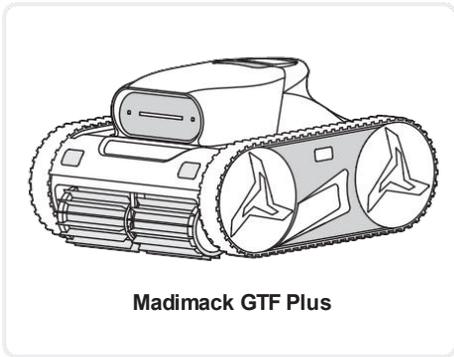
The manufacturer reserves the right to modify these specifications without notice.



3 Product Overview

3.1 Packaging Contents

The following items are included in the packaging of the GTF Plus. Please contact your dealer if any items are damaged or missing.



Note:

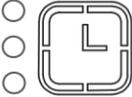
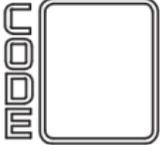
The GTF Plus's power switch must be ON when the GTF Plus is charging. When the GTF Plus is not in use, please turn the power switch OFF to protect the battery.

3.2 Operating Conditions

Parameter	Range
Working Water Depth (m)	1-2.5m
Pool Water Temperature	4-35°C
pH Level	7.0-7.8
Sodium Chloride Concentration (PPM)	≤55000ppm
Chlorine Content (PPM)	≤4ppm

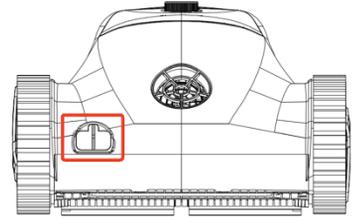


4 Control Panel

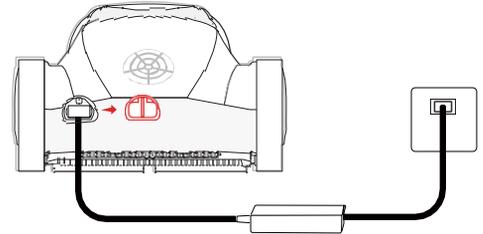
Button	Icon	Display Status	Description
Power button		Lights ON	GTF Plus is on
		Lights OFF	Sleep status/GTF Plus is off
Cleaning time		One light on	Cleaning time: 1 hour
		Two lights on	Cleaning time: 1.5 hour
		Three lights on	Cleaning time: 2.0 hour
		All lights off	Cleaning until low battery
Cleaning mode		Bottom triangle green light on	Floor cleaning mode
		Top triangle green light on	Wall-Only Mode
		Both triangles green light on	Wall & Floor Mode (Wall first, then floor)
		Both triangles off	All Mode (Wall and floor together)
AI Timer		1 light on	Clean every 24 hours
		2 lights on	Clean every 48 hours
		3 lights on	Clean every 72 hours
		All lights off	Run once
Turbo mode		Green light on/off	Turbo mode on/off
Battery light (Non-charging status)		1 green light on	Battery level: 20-50%
		2 green lights on	Battery level: 50-75%
		3 green lights on	Battery level: 75-100%
Low battery		1 light flashes	Battery level below 20%
Battery light (Charging status)		3 lights flash in cycle	Charging
		3 green lights on	Battery level: 100%
Error (Red Light)		Left drive motor failure	E1
		Right drive motor failure	E2
		Water pump failure	E3
		Water sensor failure	E4
		Infrared sensor failure	E5
		IMU failure	E6

5 Charging the GTF Plus

1. Take the cover off the charging port. The charging port cover will remain tethered to the GTF Plus's body – do not lose the charging port cover.
- ⚠ Do not submerge the GTF Plus in water without the charging port cover inserted into the charging port.



2. Ensure the charging port on the GTF Plus, and the charger, are dry.
3. Plug the charger into the GTF Plus's charging port, ensuring the plug is turned the correct way to line up with the charging port.



4. Plug the other end of the charger into a 240V power supply. When the indicator lights on the GTF Plus are flashing green, the GTF Plus is charging. When all 3 indicator lights on the GTF Plus are solid green, the GTF Plus is fully charged.
5. Once the GTF Plus is fully charged, turn the power off at the wall, then unplug the charger from the GTF Plus and the power supply.
6. Store the charger in a safe place.
7. Re-insert the charging port cover back into the GTF Plus.
8. To protect the battery, do not leave the charger plugged into the GTF Plus after charging has completed.

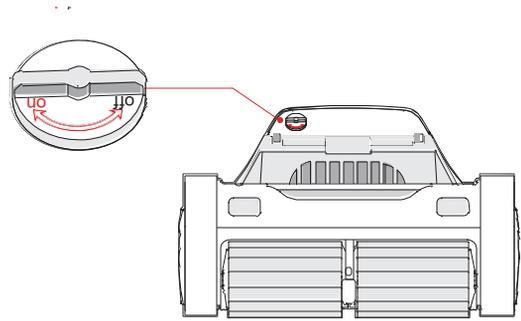
- ⚠ Do not charge the GTF Plus outdoors.
- ⚠ Recommended ambient temperature for charging is 6°C – 35°C.
- ⚠ For battery protection, the GTF Plus should be fully charged every 3 months.
- ⚠ Only use the genuine charger to charge the GTF Plus. Using any other charger will void the warranty.



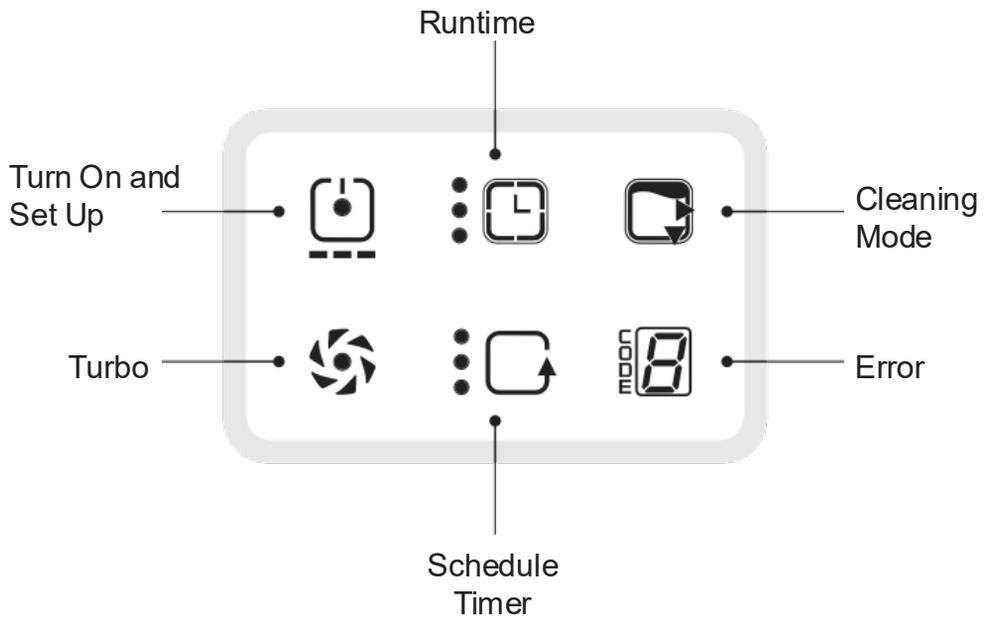
6 Startup and Operation

6.1 Battery/power isolation switch

Remove the filter basket to locate the power switch at the front and turn it ON.



6.2 Control Panel



6.3 Operation Quick Startup

Function	Action	Result
Turn On	Hold  3 s	Control panel power on
Start Cycle	Tap  after setting the mode	Save the settings and place in water
Schedule Timers	Tap  to switch between the schedule timers	Auto-Clean every 24/ 48/ 72 h, or off. Cleaner will start at approximately the same time as the first cycle on the set day
Low Battery	1 LED Flashes	< 15% Power level park and stop



7 Operation

1. Press and hold  for 3 seconds to activate the product.
2. The indicator light  will blink, after which you may begin configuring the settings.
3. Once configured, press  again to confirm the operation, then place the product in water to start cleaning.
4. The product will automatically begin cleaning upon contacting the bottom of the pool.
5. If no operation is performed within 3 minutes after the indicator  blinks, the product will stop running and enter sleep mode.
6. Sleep mode: When the power knob is in the "ON" position and the indicator light is off, press and hold  for 2–3 seconds to wake up the device..

7.1 Wi-Fi and App connection

1. Enable Bluetooth and Wi-Fi on your phone
2. Hold  for 3s. When you hear a beep, it is ready to pair.
3. When  starts flashing, search and connect device in the iGarden Robotics APP.
4. Once the Control Panel shows up, the Wi-Fi is set.

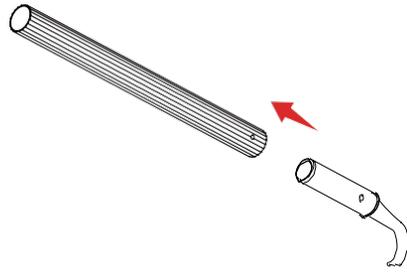
Notes:

APP functions are unavailable while the robot is in the pool due to signal interference

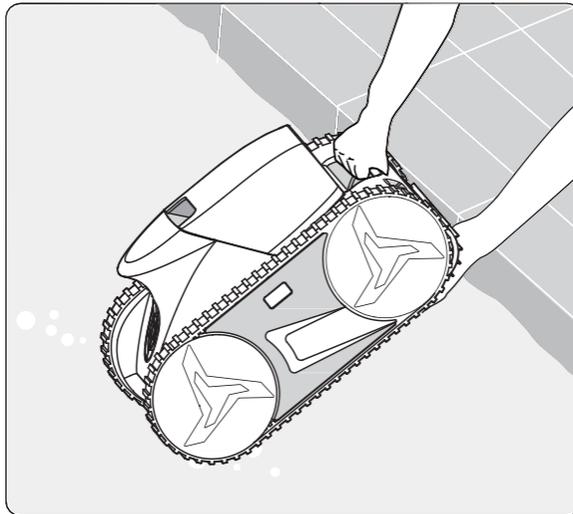


7.2 Using the retrieval hook

1. Attach the hook to your telepole
(Pole not included in the package).



2. Use the hook to lift the GTF Plus by the handle, from the bottom of the pool only to the surface of the pool water.
3. Then use your hands to lift the GTF Plus onto the edge of the pool, using the GTF Plus's handle.
4. Allow the water to drain out the ports before lifting the cleaner.

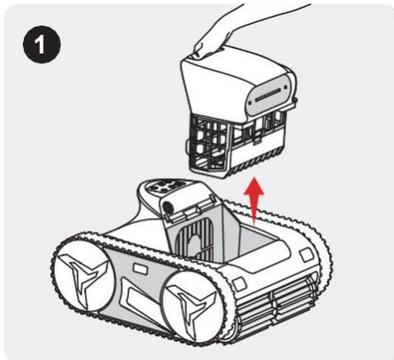


- ⚠ Do not lift or carry the GTF Plus by the tracks or any other part of the GTF Plus.
- ⚠ Do not use the hook to lift the GTF Plus out of the water, only use the hook to bring the GTF Plus to the surface of the water.

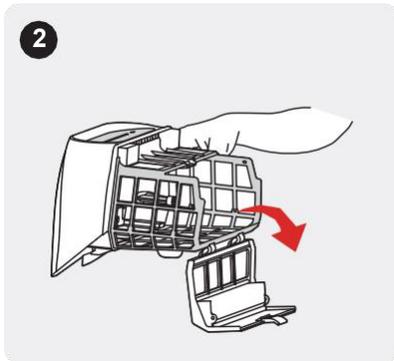


7.3 Cleaning the Filter Basket

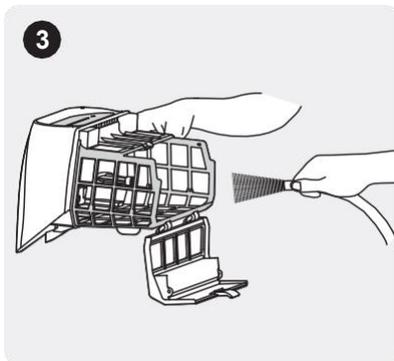
1. Clean the filter basket after each cleaning cycle. When a cleaning cycle is complete, the GTF Plus will stop at the side of the pool.



Remove the filter basket



Open the basket.



Empty any debris and clean the basket with a hose or by running under a tap. Ensure there are no holes in the basket's mesh.

4. Close the basket and re-insert the basket into the GTF Plus.
5. After cleaning is completed, ensure GTF Plus is fully dry and store the GTF Plus in an undercover cool dry place away from direct sunlight.



8 Maintenance Warnings

8.1 General Maintenance Warning

- To avoid electric shock and other hazards that could result in major injuries, ensure the GTF Plus is disconnected from the charger before performing any cleaning and/or maintenance.
- Before any maintenance, ensure the GTF Plus's power switch is OFF to prevent injury from impeller rotation.

8.2 Filter Maintenance

- Clean the filter after each cleaning cycle to ensure optimum cleaning and climbing performance. Refer to Section 3.1 for filter cleaning instructions.

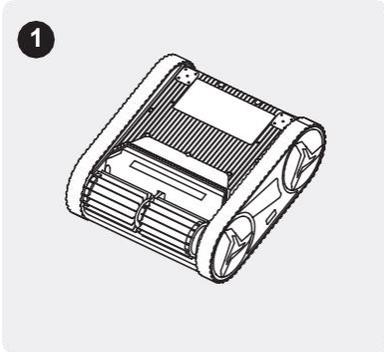
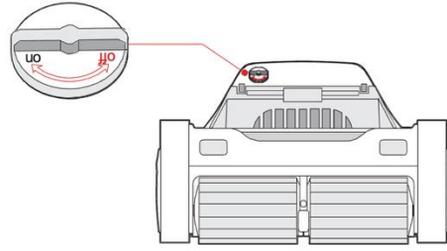
8.3 Impeller Maintenance

- If you have any difficulties performing impeller maintenance, please contact your authorised dealer for assistance.
- Visually check whether the impeller or impeller shaft is entangled with hair or other debris, as this may reduce suction or climbing performance. Clean the debris trapped in the impeller.

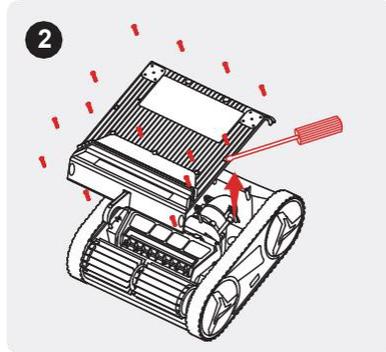


9 Cleaning the Impeller

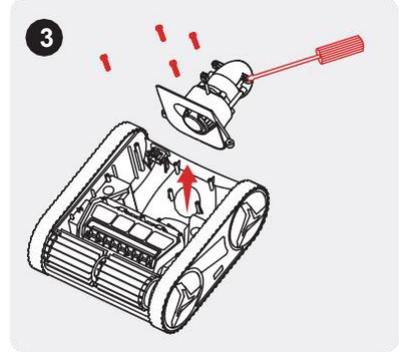
⚠ The battery/power isolation switch MUST be OFF before any maintenance is carried out on the impeller.



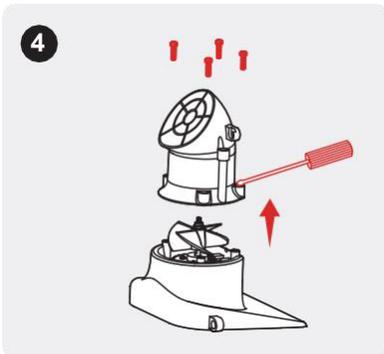
Turn the GTF Plus upside down onto a soft surface.



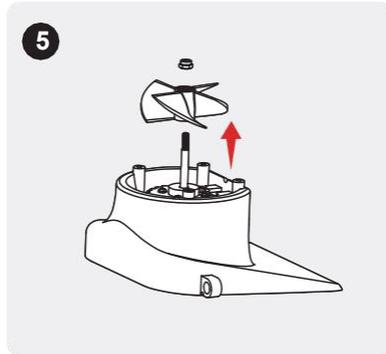
Remove the fixing screws in the bottom cover and take out the bottom cover.



Remove the fixing screws of the impeller motor cover assembly.

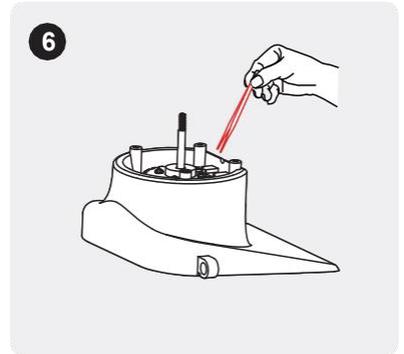


Remove the screws that fix the flow deflector and remove the deflector.



Remove the impeller fixing screws and take out the impeller.

Note: Please wear gloves when removing the impeller to prevent injury from sharp edges.

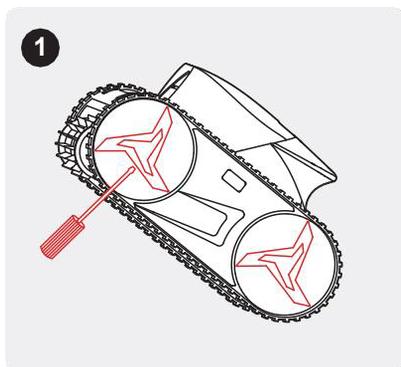


Remove the impeller debris and reassemble all the above parts in order.

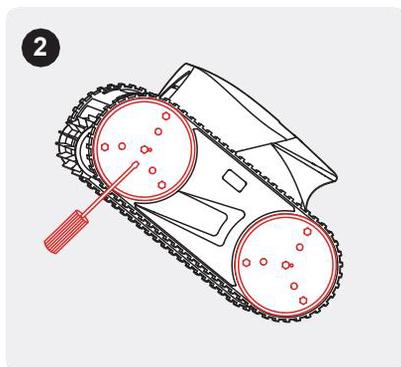


10 Replacing the Tracks and Roller Brush

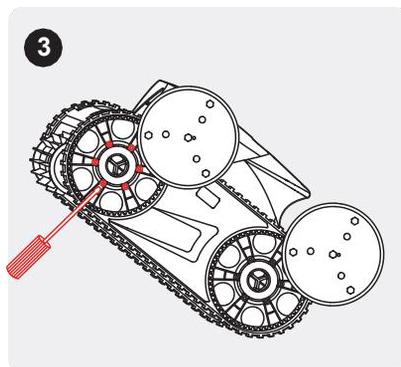
To begin, place the cleaner on a flat and stable surface.



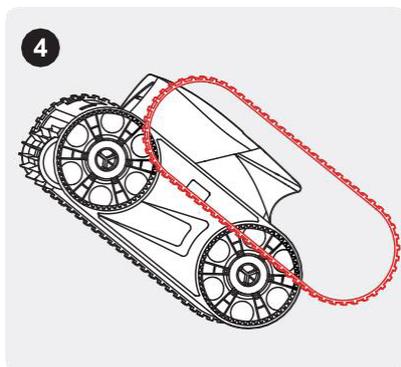
Use a flat-head screwdriver to pry off the hub cover.



Remove the screws securing the hub.

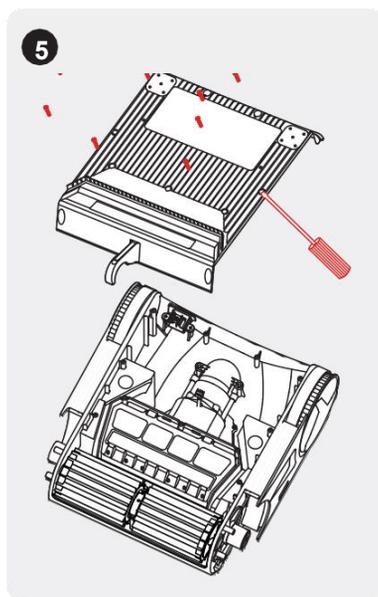


Take out the hub.

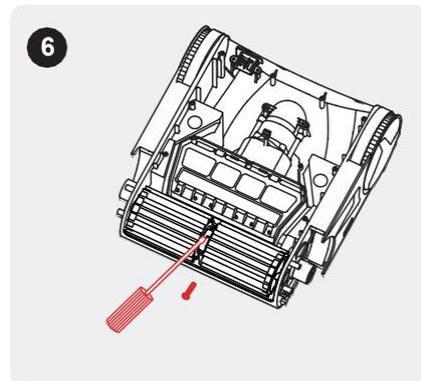


Remove the old track and install the new one. Then reassemble all parts in the reverse order.

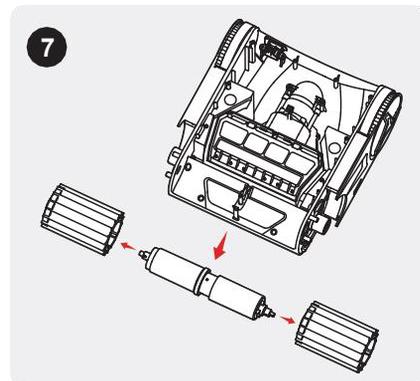
Brushes



Unscrew tires and remove back cover.



Unscrew the roller brush from the middle.



Remove the brushes.



11 Troubleshooting

Problem	Possible Cause	Solution
Not charging	Debris on the electrode of charging port (Non-failure)	Clean debris off charging port
	The charger is damaged	Replace the charger
No power	The power switch is OFF (Non-failure)	Turn on the power switch
	GTF Plus in Sleep mode (Non-failure)	Hold the power button to wake up
	No power in the battery (Non-failure)	Charge the GTF Plus
Not climbing	Battery is lower than 40%	Charge the GTF Plus
	Not set on wall mode operation	Check the mode setting on controller
	Inlet clogged	Clean the inlet
	Impeller stuck	Clean the impeller
	Dirty/ clogged filter basket	Clean the basket
Not working (not moving, not pumping)	Low battery (Non-failure)	Charge the GTF Plus
	Out of water (Non-failure)	Ensure GTF Plus is submerged in water with a minimum depth of 40cm
	Dirty/ clogged filter basket (Non-failure)	Clean filter basket
Poor cleaning	Impeller Stuck	Clean debris in OFF state
	Filter box full	Clean the box
	Inlet clogged	Clean the inlet
	Roller brush stuck	Clean roller brush
	Low battery level	Fully charge
	Worn filter net	Replace filter net
Moving but not pumping	The impeller is stuck	Check the impeller for debris and clean.
	Dirty/ clogged filter basket (Non-failure)	Clean filter basket
	Water inlet is blocked (Non-failure)	Take out filter basket and clean water inlet
	Battery low (Non-failure)	Charge the GTF Plus
Pumping but not moving	The moving motor is stuck	Inspection or repair may be required
	Brush gets stuck (Non-failure)	Clean brush
	The GTF Plus gets stuck by an obstacle and shuts down for auto-protection (Non-failure)	Remove obstacle and restart the GTF Plus
	Dirty/ clogged filter basket (Non-failure)	Clean filter basket
Code Error	E1- E6	Restart the cleaner. If issue persists, contact Madimack.



12 Warranty & Exclusions

Warranty is invalid if any of the following apply:

- Incorrect operation of the unit by not following the correct instructions.
- Damage caused to the GTF Plus due to misuse or damage caused by any means other than a manufacturer defect.
- If GTF Plus pool cleaner is repaired or serviced by an unauthorised dealer or service station.
- If you overcharge the battery by using a non-specified input power adapter.
- If you cause a fault in the operation of the machine by using non-specified accessories.

For more information of this product and warranty, please visit our website at www.madimack.com

STANDARD CONDITIONS - Australia and New Zealand

Madimack Pool Products Pty Ltd distributes pool products and provides the following warranties:

STATUTORY RIGHTS

The benefits to the consumer under this warranty are in addition to other rights and remedies of the consumer under the laws in relation to the goods and services to which the warranty relates.

Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You may be entitled to a replacement or refund for a major failure and compensation for any other loss or damage. You are also entitled to have the goods repaired if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

LIMITED WARRANTY

Madimack warrants that its products are free from defects in materials and manufacture for a period of 3 years from the date of purchase, unless otherwise specified.

Please visit www.madimack.com for all warranty terms and conditions.

Madimack will, at its discretion, repair or replace any product proven to be defective during the warranty period for either materials or manufacture. Alternatively, Madimack will pay the cost of repair or replacement within 90 days of receiving the defective product, subject to unforeseen delays. This warranty is applicable for domestic installations only, is personal to the original purchaser, and does not transfer to any subsequent purchasers.

EXCLUSIONS

To the extent permitted by law, Madimack excludes all statutory or implied conditions and warranties, as well as any other liability that may arise under statute or at law, including without limitation liability for breach of contract, negligence, or any other cause of action. The following exclusions apply:

Incorrect operation of the unit resulting from failure to follow the provided instructions.

Damage caused to the robot due to misuse or any means other than a manufacturer defect. Repairs or servicing performed by unauthorized dealers or service stations.

Damage caused by an unauthorized service station that compromises the battery seal.

Overcharging the battery by using a non-specified input power adapter.

Faults in the machine's operation caused by the use of non-specified accessories.

General wear and tear of consumable products, including filters, tracks, and brushes.

LIMITATION OF LIABILITY

To the extent permitted by law, Madimack's liability under any condition or warranty that cannot be legally excluded in relation to the supply of goods and services is limited to one of the following options:

Repairing the goods.

Replacing the goods with equivalent products or services.

Paying the cost of replacing the goods or providing equivalent products or services again. Paying the costs of repairing the goods.



13 Recycling



Recycling

When disposing the product, please hand it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of waste equipment at the time of disposal will help ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste for recycling, please contact your local authority.

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