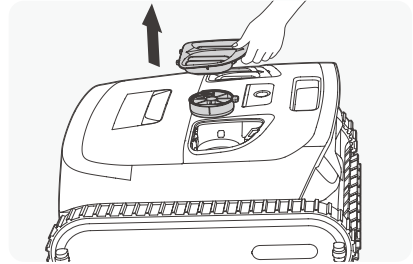
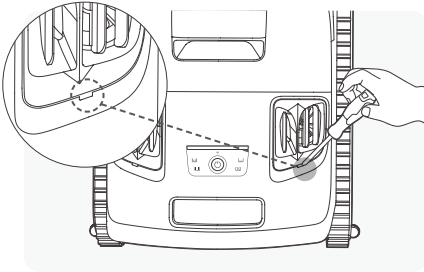


5.2 Accessory Maintenance (When Necessary)

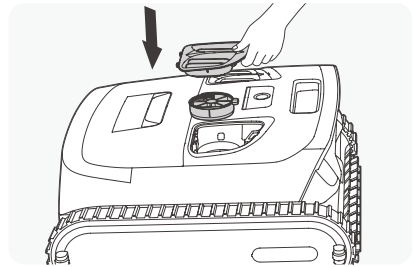
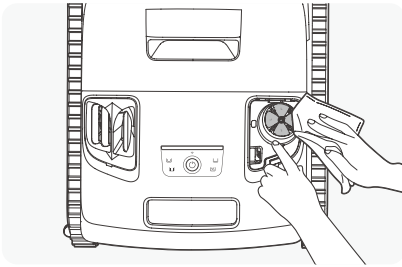
5.2.1 Cleaning the Propeller

Follow these steps to clean the propeller safely and effectively:

1. Open the top shell. Use a flathead screwdriver to carefully pry open the drain cover.

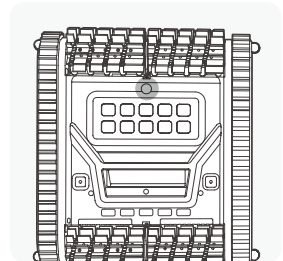
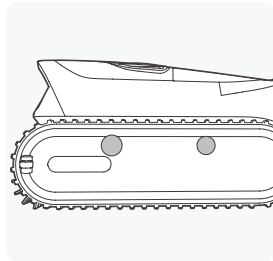
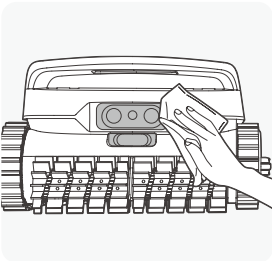


2. Remove any debris from the propeller area. Once cleaned, reassemble all parts in reverse order, ensuring everything is securely fastened.



5.2.2 Cleaning the Camera and Sensors

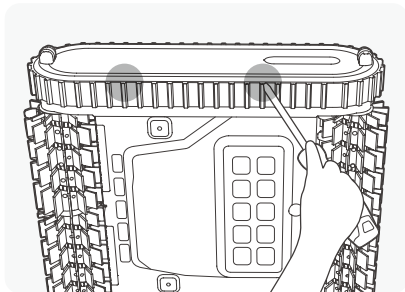
To maintain the device's optimal performance, use a soft, dry cloth to gently wipe away any dirt from the camera and sensors.



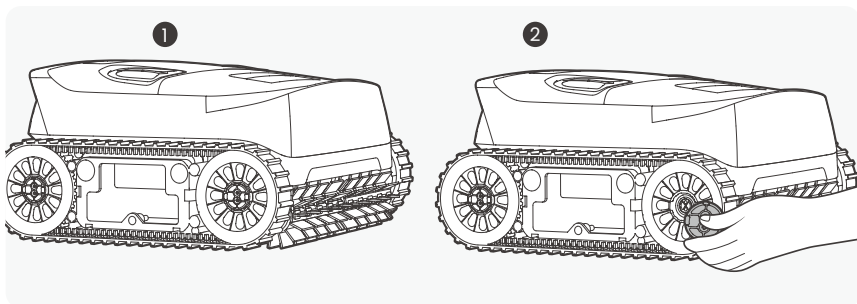
5.2.3 Replacing the Caterpillar Tread

1. Remove the side cover plate:

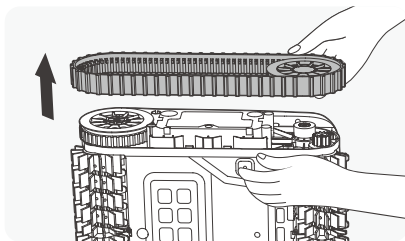
- Lay the device on its side.
- Press the four side clips inward.
- Pry and lift the cover plate upward to remove it.



2. Remove the two screws and guide sleeves from the rear wheel to access the tread.

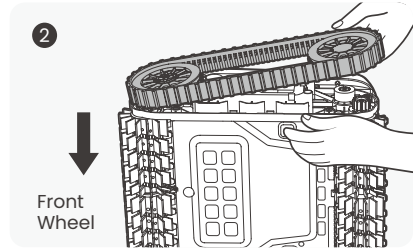
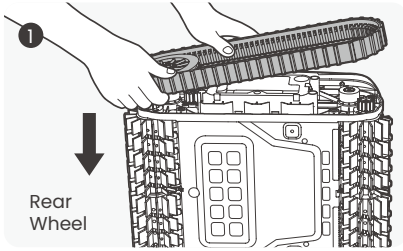


3. Gently pull to remove the rear wheel and caterpillar tread from the device.

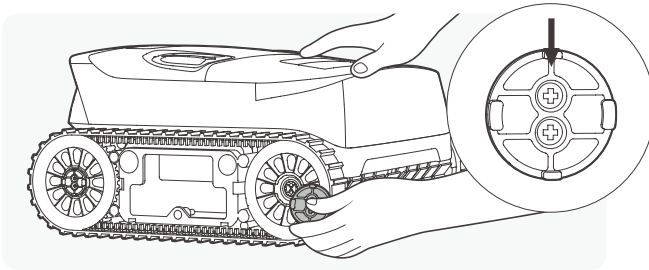


4. Align the gears on the replacement caterpillar tread with those on the rear wheel.

Reinstall both components, ensuring the tread fits securely along the tread sleeves.

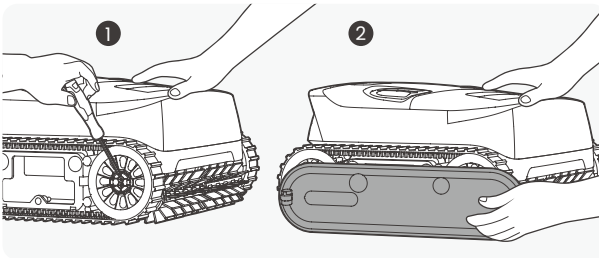


5. Insert the rear wheel guide sleeve, then rotate the clip until the two bumps align with the designated holes in the device.



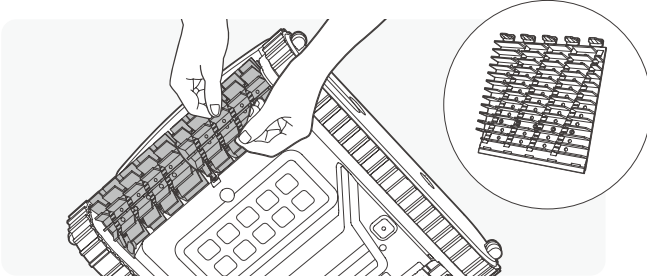
6. Tighten the screws and reinstall the side cover plate.

Repeat these steps for the opposite tread to complete the replacement.

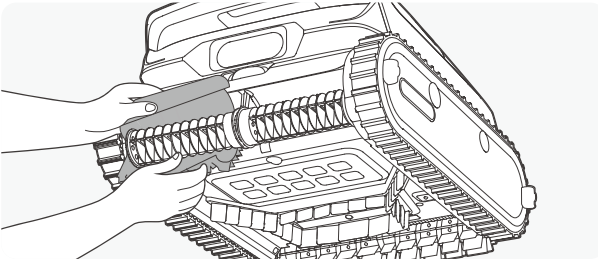


5.2.4 Replacing the Roller Brush

1. Remove all silicone buckles from the current roller brush.



2. Align the replacement roller brush with the designated slots.
Press the silicone buckles firmly into place to secure the new brush.
Repeat this process for other roller brushes.



5.3 Powering Off and Storing Your Aiper

When storing your Aiper device during the off-season (e.g., winter or extended periods of non-use), follow these steps to maintain optimal condition:

1. Fully charge the device before storing. Ensure the device is powered off and disconnected from the charger during storage.
2. Thoroughly clean the entire device, including the top and bottom shells, wheels, and brushes, to remove any dirt or debris.
3. Use a soft cloth or tissue to dry the device completely. Ensure the charging port cover is securely closed.
4. Store the device in its original packaging in a cool, dry, and well-ventilated environment.
5. Recharge the battery every six months to preserve battery health.

6 Specifications

Model: PRX30SE
Rated Input: 25.2V $\equiv$ 3.0A
Charger Model: GM95-252300-IFGN, GM95-252300-4FGN
Charger Input: 100-240V~, 50/60Hz, 2.5A
Charger Output: 25.2V $\equiv$ 3.0A
Charging Dock Model: CH02
Charging Dock Input: 25.2V $\equiv$ 3.0A
Charging Dock Output: 25.2V $\equiv$ 3.0A
Charging Time: 4.5 Hours
Suction Power: 8000 GPH (30283 LPH)
Battery Pack Life: Up to 240 min - Floor
Battery Pack Mode: CI264D2-04
Battery Pack Capacity: 10300mAh (222.48Wh)
Battery Pack Voltage: 21.6V $\equiv$
Water Protection Rating: IPX8
Min Water Depth: 0.82 ft (0.25m)
Max Water Depth: 10 ft (3m)

	Direct current.
	Alternating current.
	Class III equipment.
	Polarity of d.c. power connector.
	Maximum operating depth.

	Short-circuit-proof safety isolating transformer.
	Switch mode power supply.
	Read the user manual.
	For indoor use only.

7 LED Indicator

Indicator Type	Indicator Status	Status Description
LED Status Indicator	Solid Green	Operating: battery 31-100%.
		Charging: charging complete.
	Solid Blue	Operating: battery 13-30%.
	Solid Yellow	Low battery: battery 0-12%.
	Flowing Green	Charging: battery 31-99%.
	Flowing Blue	Charging: battery 13-30%.
	Flowing Yellow	Charging: battery 0-12%.
	Pulsing Yellow	Resetting the device.
		Firmware updating.
	Flashing Red	Device malfunction. Please follow the app's instructions for troubleshooting.
Wi-Fi Indicator	Solid Green	Wi-Fi connected.
	Pulsing Green	Wi-Fi connection available.
	Off	Wi-Fi disconnected.
	Flashing Green (Duration: 2 min, Interval: 30 min)	Camera in operation.

8 Troubleshooting

NO.	Malfunction	Possible Causes	Solutions
1	Device fails to power on.	Insufficient battery level.	Fully charge the device before use.
		Battery in high or low temperature protection.	Only operate the device in an environment between 41°F (5°C) and 104°F (40°C).
2	Device fails to charge.	Device not in place.	Re-locate the device. Ensure the bump is inserted in inlet.
		Charger damaged or not powered.	Check if the charger is plugged in securely and if there's a beep after powering on. If connected but no beep , the charger may be faulty. Contact Aiper customer service.
		Battery in high or low temperature protection.	Only charge the device in an environment between 38°F (3°C) and 113°F (45°C).
		Battery over-discharge caused by extended non-use.	Follow Section 5.3 Powering Off and Storing Your Aiper for proper storage. If the device won't charge after non-use, contact Aiper customer service.
3	Device fails to avoid obstacles.	Sensor lens is dirty.	Clean with a soft, dry cloth.
		Sensor is faulty.	Contact Aiper customer service.
		Camera not enabled.	Enable camera in the app via path: Settings - Cleaning Settings - Camera.

NO.	Malfunction	Possible Causes	Solutions
4	Device stuck in a loop at a certain position.	Sensor lens is dirty.	Clean with a soft, dry cloth.
		Sensor is faulty.	Contact Aiper customer service.
		Device caught by pool drain.	Use device with pool drain closed. If stuck, it will free itself.
		Pool layout is relatively complex.	Switch to another entry point to submerge the device and retry.
			Switch to another mode and retry.
5	Device stuck at waterline while cleaning the waterline.	Protrusion at waterline not detected by sensor.	No action is required. Device will automatically sink to the bottom within 1 minute, then clean after avoiding the bump.

NO.	Malfunction	Possible Causes	Solutions
6	Device tilts or shows decreased cleaning performance in water.	Filter box is full.	Empty and clean the filter box.
		Filter is clogged.	Empty the filter box and rinse the filter with high-pressure water gun.
		LED flashing red: propeller may be jammed or faulty.	Check the propeller for debris and clean if needed. Follow Section 5.1.2 <i>Cleaning the Propeller</i> for details. If there's no debris or motor (pump/wheel) faults, contact Aiper customer service.
7	Device's battery life is shorter than expected.	Battery not fully charged.	Ensure full charge. Incomplete charge shortens battery life.
		Different suction modes consume different amounts of power.	Switch to Eco Mode for longer battery life.
		Natural battery degradation.	No action is required. Battery degradation occurs naturally over repeated charges.

NO.	Malfunction	Possible Causes	Solutions
8	Device has stopped working.	LED solid red: low battery level.	Fully charge the device before use.
		LED flashing red: propeller may be jammed or faulty.	Check the propeller for debris and clean if needed. Follow Section 5.1.2 <i>Cleaning the Propeller</i> for details. If there's no debris or motor (pump/wheel) faults, contact Aiper customer service.
9	Device fails to perform targeted debris cleaning.	Patrol Mode or VisionPath 2.0 is not enabled.	Enable Patrol Mode or VisionPath 2.0 in Aiper App. Disabling the setting will block activation.
		Aiper Vision Camera is dirty.	Clean with a soft, dry cloth.
		Aiper Vision Camera is faulty.	Contact Aiper customer service.

9 Warranty

This product has passed quality control and safety test conducted by our technicians.

1. This product comes with a 36-month warranty that covers your item's battery and motor from the date of purchase.
2. This warranty is voided if the product has been altered, misused, or has been repaired by unauthorized persons.
3. This warranty extends only to manufacturing defects and does not cover damage resulting from the mishandling of the product by the owner.
4. The order number or record of purchase must be presented at the request of any repair claim during the warranty period.



This symbol indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.