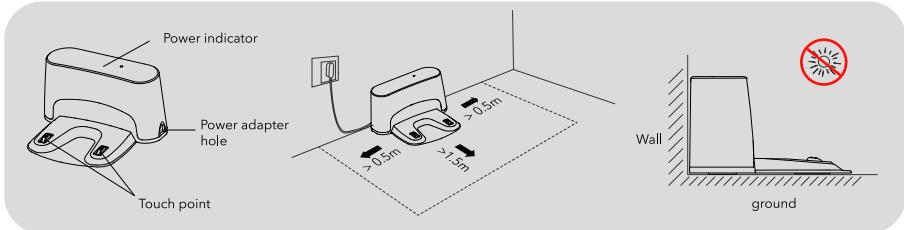


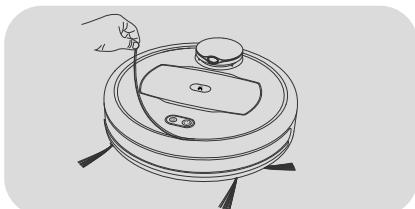
3. Product assembly

3.1 Charge station assembly

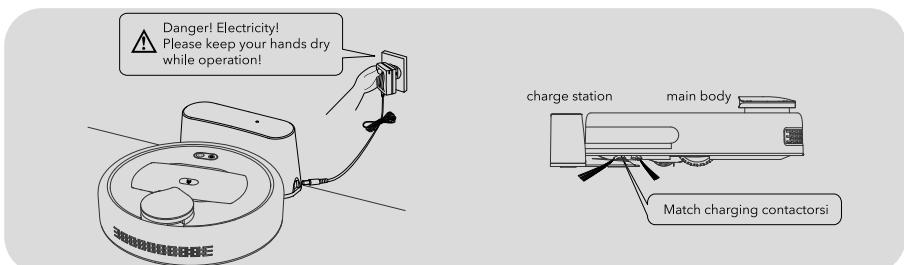


- 1) Lay the charge station on flat floor that vertical to the wall. No obstacle in a distance of 1m from left to right, and 1.5m in front of the station. Press the station to stick to the floor.
- 2) To make sure the main body works well and recharge successfully, please don't move the charge station casually or frequently, if the station is moved, main body may fail to locate and lost map information, and it will rebuild and memorize map information before work again.

Note: Rebuild map may lead to the lost of cleaning area and forbidden area information. Avoid direct sunshine.



- 3) Remove the protect bar on front loop shell to make sure the robot works well.



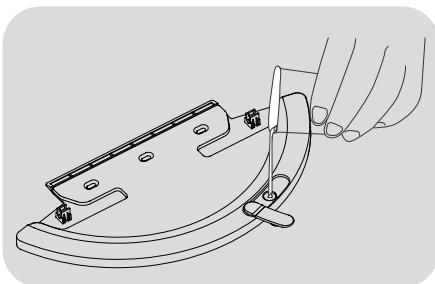
- 4) Connect charge station and power cord, and tidy up power cord, in case it may be twined by the robot.

5) Charging.

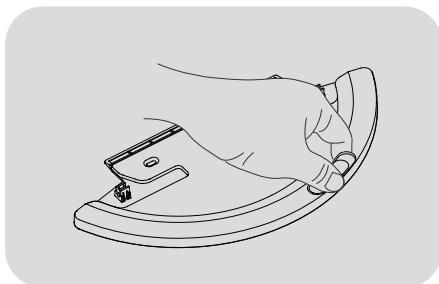
Method 1: put main body on the station and match charging contactors, power indicator on the station off, starts to charge. Take this way when the main body can not turn on or retour to recharge on low power.

Method 2: press dust container release button  , take out dust container, push power button to "on", put in dust container, after the robot turns on, put it in front of charge station, in a distance of 1 meter, press retour and recharge button  , it will retour and recharge automatically.

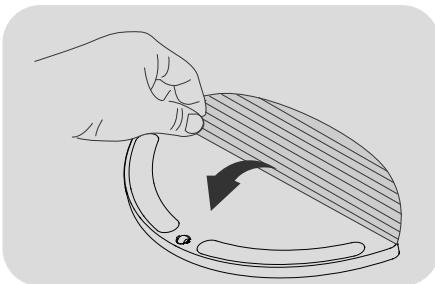
3.2 Install and use water tank



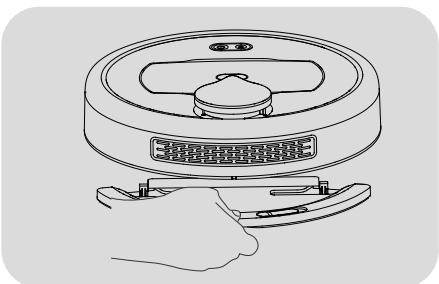
Step 1: fill in water from Water filling nozzle



Step 2: seal the Water filling nozzle



Step 3: stick the mop



Step 4: stuck water tank to main body.

Note:

Remove water tank while charging.
Do not use water tank on blanket.

3.3 Power on

Place the host on the charging stand of the power adapter, press the dust box eject button in the middle of the dust box to remove the dust box, push the switch button located in the main unit to "on", put it back into the dust box, long press the "O" start button on the main unit for 3 seconds, and wait for about 20 seconds after the device is turned on (the voice prompt "Xiao Wang is ready"), you can operate.

Note:

If main body can not start after pushing power button to "on", please press on/off button  to start.

- 1) Clean: Press on/off button  after it turns on, and it will scan the map and clean, press  again to stop, and 10 minutes later, it will switch to sleep mode, press any button to wake it up.
- 2) Retour and recharge, press retour and recharge button  when the main body stops, it will search charge station and recharge automatically.
- 3) Deep sleep mode: Long press  for 3 seconds, red lights will flash and save data, and main body will disconnect wifi and turn to deep sleep mode after red lights off.
- 4) Wake up main body: Press  to wake up main body, blue lights will flash for 20 seconds, and purple lights on means wake up successfully.

Please refer to "4.4 Download and use APP" to download APP and Wi-Fi setting.

4. Using product

4.1 Buttons and indicators

Number	Category	Name	Location	State
1	Main body buttons	Power button	Take out dust container, the button is in the robot	Push the button to "ON" and press and hold the "⟳" start button on the main unit for 3 seconds. After about 20 seconds, the main unit will start up. Push to the "off" host to power off, and will clear unsaved maps and settings
2		Start/pause button	Main body cover	⟳ with elliptical loop light
3		Retour and recharge button	Main body cover	⟲ with elliptical loop light
4	Dust container buttons	Dust container release button	In the middle of the dust container	Press ⟲ to release dust container
5	Indicators	Work	Around start/pause button	Blue light means normal condition, light loop: 
6		Breakdown	Around start/pause button	Red light means breakdown or low power, light loop: 
7		WIFI	Around start/pause button	Purple light means WIFI unconnected, light loop: 

4.2 How buttons works

Button type	operation	function description
Power button	On	Push the button to "ON" and press and hold the "⟳" start button on the main unit for 3 seconds. After about 20 seconds, the host will start up and have a voice prompt.
	Off	Push the button to "off" to cut down power, clear unsaved map and setting.
Start/pause	Press when main body pause	Start cleaning (continue with unfinished work or start auto cleaning mode)
	Press when main body works	Pause/stop: stop cleaning or recharge
	Long press for 3 seconds when main body pause	Deep sleep mode
Retour and recharge	Press when main body pause	Retour and recharge
	Press when main body works	Pause
	Long press for 3 seconds or longer	Partial cleaning, clean a 2*2 meters maching-centered square area
⟳ Start/pause + ⟲ Retour and recharge	Long press for 3 seconds when main body pause	Reset WIFI (Maching will stop if it were cleaning or retour and recharge)

4.3 How indicators works

Number	Condition	Indicator
1	Starting	Blue breathing indicator
2	Started	Purple indicator flash when Wi-Fi not connected, and blue indicator is on when Wi-Fi connected
3	Wi-Fi unconnected	Purple indicator is on
4	Device is binding	Purple indicator flash, then turns on
5	Reset Wi-Fi	Purple indicator flash slowly
6	Wi-Fi connected	Blue Indicator is on
7	Charging while robot is on	Breathing indicator (blue when Wi-Fi connected, purple when Wi-Fi unconnected), charging station light off
8	Fully charged while robot is on	Indicator turns on (blue when Wi-Fi connected, purple when Wi-Fi unconnected), charging station light off
9	Charging or fully charged while robot is off	Blue indicator flash slowly, charging station light off
10	Cleaning	Indicator turns on
11	Retour and recharge	Flash slowly (blue when Wi-Fi connected, purple when Wi-Fi unconnected)
12	Low power and recharge	Red indicator turns on
13	Pause	Indicator turns on
14	Sleep	Dark indicator
15	Standby	Indicator turns on
16	In trouble	Red indicator flash
17	Dust container taken out	Red indicator flash
18	Power off	Indicator turn off

4.4 Download and use APP

Attention:

The document will update because of APP update or other reasons, and can only be used as a guidance, unless otherwise stated. Description, information and suggestions don't constitute any guarantee.

Summary:

The document mainly states operation procedures and matters need attention for new users.

APP download and using environment

Phone with Android 4.4 or IOS 8.0 and upper version system, download "Puppy Robot" APP.

Method 1: Scan QR code



Scan with Android phone



Scan with iphone

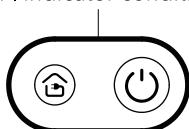
Method 2: Turn to Google Play or App Store, search "Puppy Robot" and download.

Preparation:

1. Reset WIFI

Start main body, long press  and  together for 3 seconds, purple light flash.

WIFI indicator condition



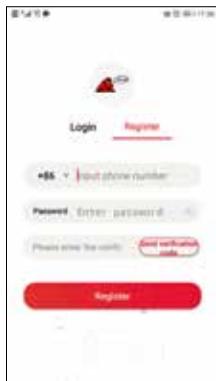
purple light flash slowly: wait for connection
blue: Wi-Fi connected

2. Turn to phone "setting", WLAN setting, connect Wi-Fi (same name with main body Wi-Fi in APP).

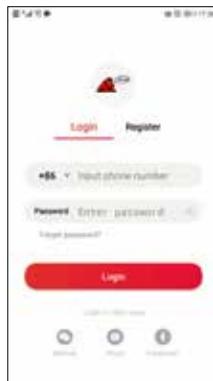
3. Find the APP on your phone and click.

1) Register and login

1. Register if you are a new user. Input phone number or email address, set password, click "send verification code", and input the code after you receive it, click "register".



2. Input registered account with phone number or email address, input password and login.

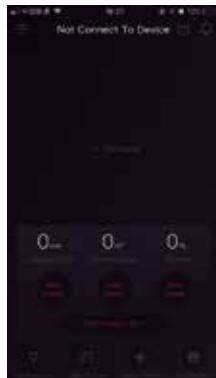


3. If you have an account but forget password, click "forget password" to get your password back.



2) Add device

1. Click "add device" after login, add robot.



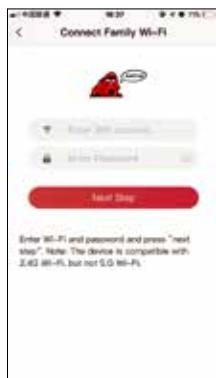
2. Follow the guidance in the APP, if the connection breaks because of bad signal, please try again.

- Turn on the power button (take out dust container first).
- Click add device.
- Press start and return button and hold for 3 seconds.
- Click "next".



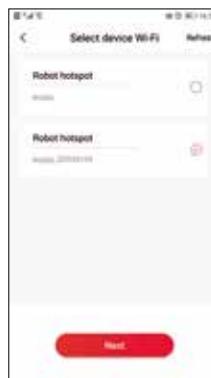
Take the following procedure with iPhone:

3. Connect home Wi-Fi, input Wi-Fi name and password, click "next".
(Please set a password first if there is no password)



Take the following procedure with Android phone :

3. Connect robot hotspot.
(Wi-Fi name starts with puppy)



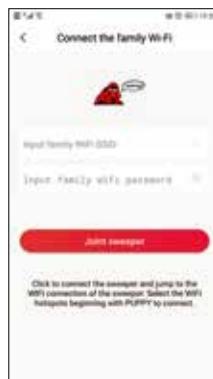
Take the following procedure with iPhone:

4. Turn to Wi-Fi setting, choose Wi-Fi name starts with "puppy".
Back to APP, click "connect to robot".



Take the following procedure with Android phone :

4. Connect home Wi-Fi, input Wi-Fi name and password, click "next".
(Please set a password first if there is no password)



5. Wait for the connection of phone and device. (there may be connection failure if many devices under same Wi-Fi or too many phones connect to Wi-Fi, try it several times if failed.)



6. Connected successfully, turn to control page.



3) Operation page

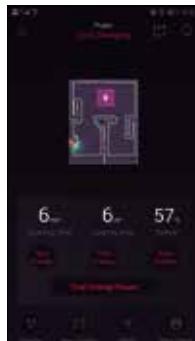
Start/pause

- Click "Overall cleaning: start" to clean;
- Click "Overall cleaning: pause" to pause, and save cleaning schedule;
- Click "Overall cleaning: continue" to continue cleaning.



Switch cleaning mode

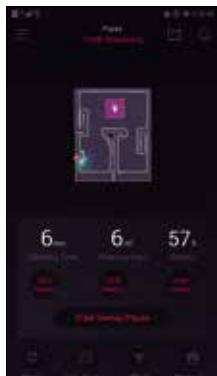
- There are three cleaning modes: "spot . cleaning" "overall cleaning" and "area cleaning", and start/pause/continue button, default mode is "overall cleaning" .
- For example, click "spot cleaning" while the robot is in "overall cleaning" mode, pop-up window remind "confirm to switch", click confirm, click "spot cleaning: start" to start.
- Switch to "area cleaning" mode in the same way.



Spot cleaning

Click "spot cleaning", there will be a square icon on the map. Long press and drag icon to a certain point, click "spot cleaning: start" robot will move to this point and start cleaning in a area of 1.5*1.5 meters.

(Start point is the center of the area)

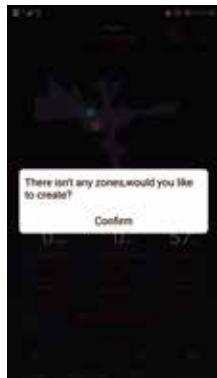


Map partition

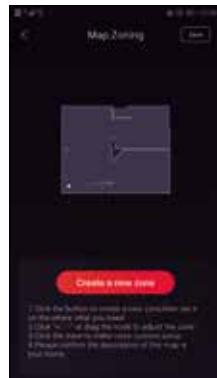


Area cleaning

1. Set map partition before first use;

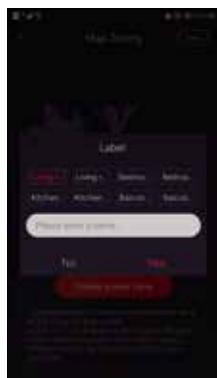


2. Switch to "map partition", click "create new area":



Area cleaning: normal cleaning

3. Set a label for the area to be created, and there will be a square area to set in the map;



- Click "+" and "-" to add and deduct points, long press and move point to change the shape of cleaning area.
- The area will be defaulted as normal cleaning (marked with pink color), which means the robot will clean this area only. Press "save" to finish setting.



Area cleaning: deep cleaning

Press "deep cleaning" after map set,(marked with blue color), press "save" to finish setting. This area will be cleaned twice in "area cleaning".



Area cleaning: forbidden cleaning

Press "forbidden cleaning" after map set,(marked with red color), This area will be forbidden area for the robot, press "save" to finish setting.

Note: "forbidden area" will work on all modes, but will be erased if the map is lost or reorganized, and can be deleted in "more- map partition".



Area cleaning: area choosing

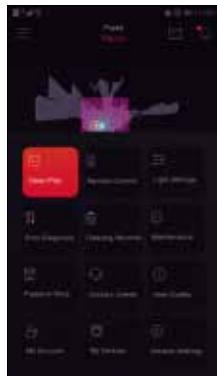
Press area cleaning after map set, all area set will show up, click an area to clean, there will be a "J" show up on that area, which means only that area will be cleaned.

Note: Red "forbidden area" will show up on the map all the time.



4) More function

Click "more" to this page, and choose corresponding function.



Appointment cleaning

Click "appointment cleaning" to set cleaning time, mode and frequency, and the robot will start cleaning automatically at appointed time.



DND mode

Click "DND" to set DND time, during that period, the robot won't continue cleaning or transmit voice message, but can still be controlled by APP or main body button to start cleaning.



Delete map

Click "cleaning record" to check cleaning records and "delete map" option. click "delete map" to delete map data, area cleaning and forbidden area data. Put robot vacuum on charging station, and start "delete map" function. Use this function when the map goes wrong.



Remote control

- Choose "remote control" to turn to virtual remote control, long press direction buttons to control moving directions, central button is on/off button.
- The buttons on the bottom are power adjustment, spot cleaning and auto recharge.



Light and volume

- Press the central button to turn on/off main body light.
- Set main body broadcast volume by dragging the volume bar.



Consumable materials record

- Click "consumable materials record" button to check materials using condition, and decide if you need to change consumable materials record. Reset is needed after consumable materials changed.
- Sensors don't have to be replaced, but need to be wiped.



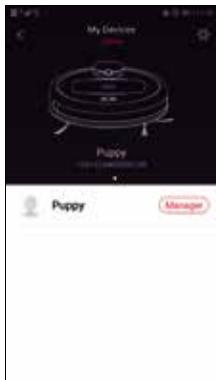
Diagnose

Click "diagnose" to this interface, and click "start to diagnose" to check, there will be a "√" if there is nothing wrong.



My device

Click "my device" to the management interface, and manage user list of the device showed on the page.



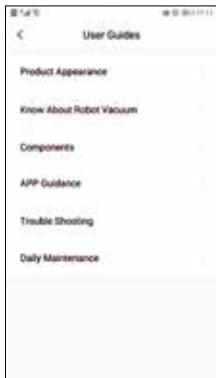
My device-shared device

Click the small gear button on the right top of "my device" for more control of the device.
· "Add devices" enable a user control many robots.
· "Switch device" enable a user switch control of robots.
· "Share device" enable many users control the robot together.



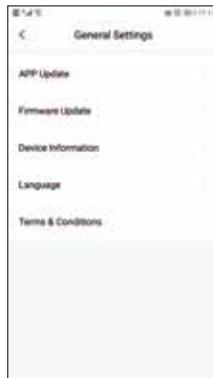
Product guidance

Click "product guidance" to enter product information interface, learn products according to user's needs.



General setting

Click "general setting" to enter setting interface, update app, software manually, or set APP language.



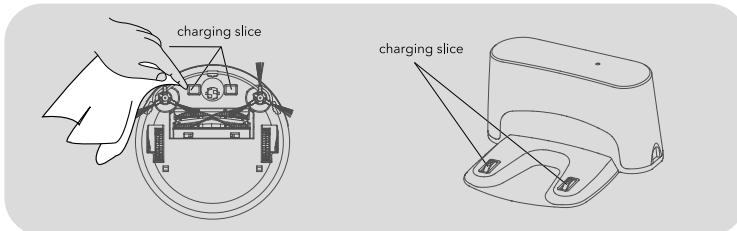
5. Product maintenance



Warm tip:

Please make maintenance for the machine according to your usage frequency

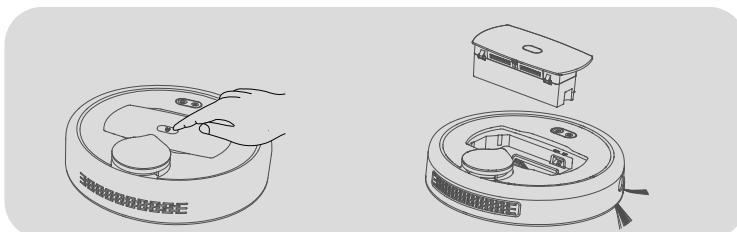
5.1 Clean charging contactor



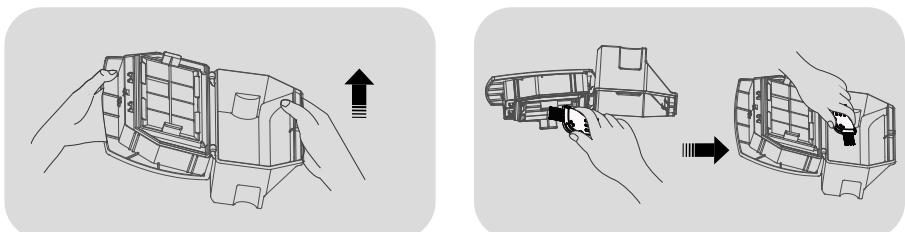
1. Please turn off the power or pull out the plug.
2. Please clean the machine with dry cloth each month.
3. Don't clean it with oils.

5.2 Clean dust container

5.2.1 Install and uninstall dust container



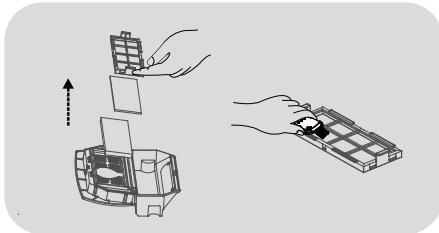
5.2.2 Clean dust container



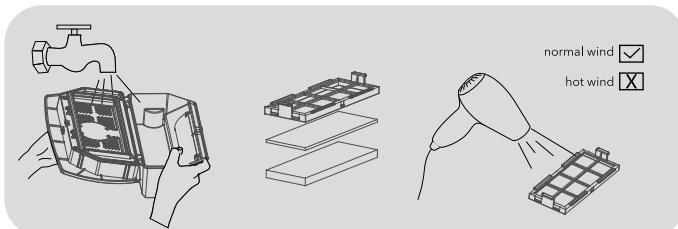
1. Open dust container, pour the dust.

2. Clean dust container with a cleaning brush.

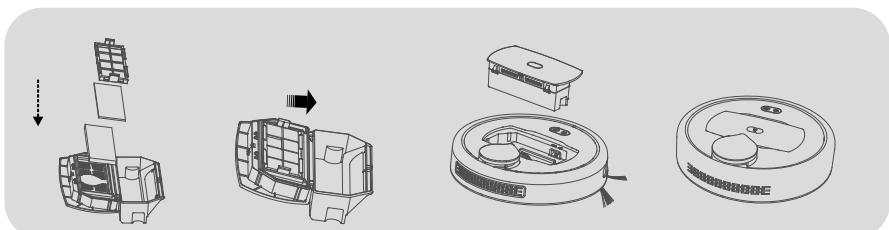
Suggestion: Clean the container every 3 days during the first month, and clean every week afterwards.



3. Take out filter components, clean dust on the filter with cleaning brush.



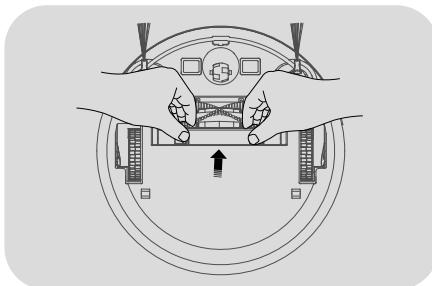
4. Wash dust container and filter net. (Note: dust container can not be reinstall into main body until it is totally dry.)



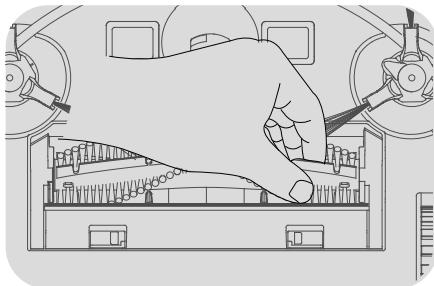
5. Put filter net into dust container after cleaning, and put dust container into the robot.

5.3 Clean main brush

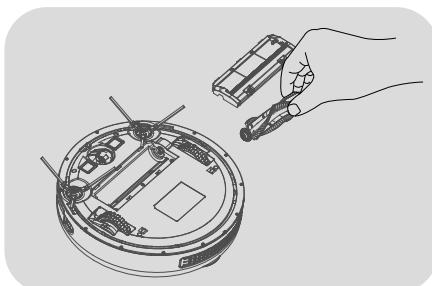
5.3.1 Install and uninstall dust container



1. Push lock bar and pull up;

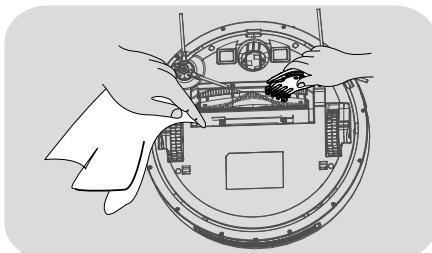


2. Grab the main brush and pull up;

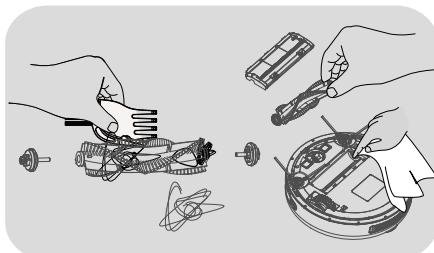


3. Take out rubber bar and main brush.

5.3.2 Clean main brush



1. As showed in the picture, clean main brush and rubber bar regularly.



2. As showed in the picture above, clean hair and other particals twined on the main brush.