

Maintenance Guide

Vacuum 40

Technical support & operation center

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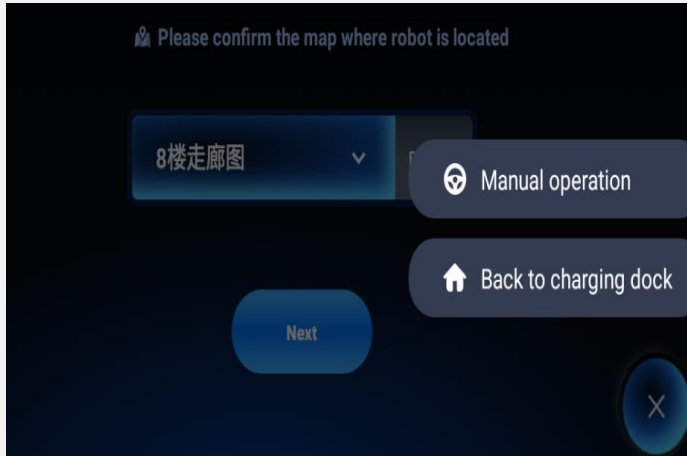
Roller brush replacement

Side brush replacement

Dust-mop cloth replacement

Maintenance guide – Appearance cleaning

Vacuum 40



[Switch robot to manual mode]

Click the float button in the lower right corner and select manual operation.

1



[Push robot to maintenance site]

2



[Wipe the appearance]

Use wet and lint-free wipe to clean the appearance of robot (do not touch cameras and sensors).

3

Maintenance guide – Appearance cleaning

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[Clean the sensors outside]

Use soft, clean and lint-free wipe to clean the laser, camera and sensor.

4



[Clean front horizontal laser]

5



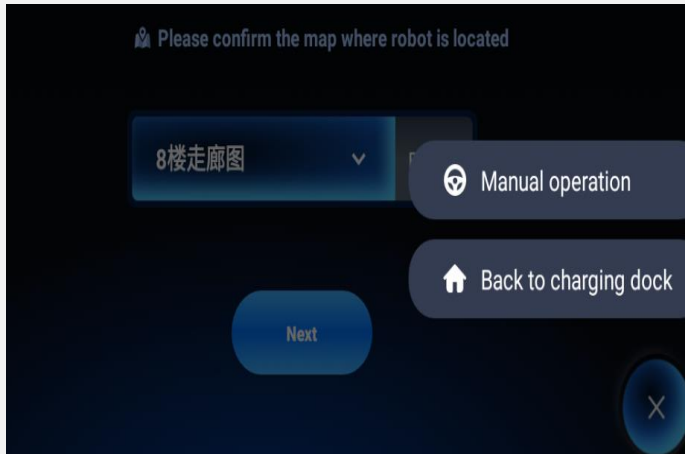
[Clean top-view camera and tablet]

Use soft, clean and lint-free wipe to clean top-view camera. Press screen-off button and clean the touch screen.

6

Maintenance guide – Dust-mop cloth cleaning

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[Switch robot to manual mode]

Click the float button in the lower right corner and select manual operation.

1



[Push robot to maintenance site]

2



[Take off dust-mop plate]

Open the rear shell and take off the dust-mop plate and cloth.

3

Maintenance guide – Dust-mop cloth cleaning

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[Clean the dust-mop cloth]

Wash the dust-mop cloth. Airing and dry it.

4



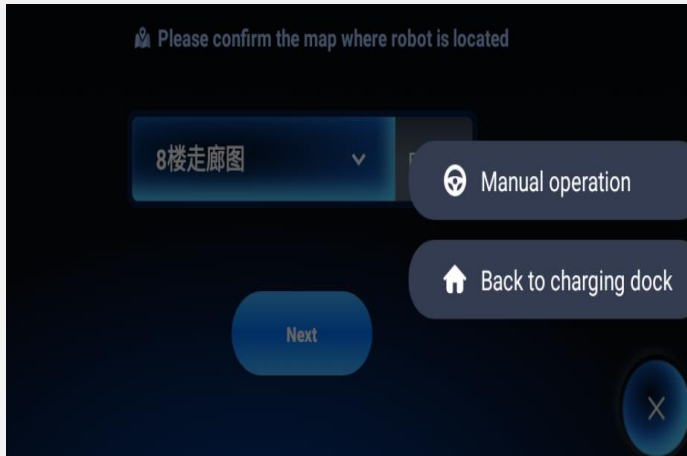
[Assemble the cloth back]

Prepare a clean cloth, and assemble it to the plate, then put the plate back to robot.

5

Maintenance guide – Dust box and guide plate cleaning

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[Switch robot to manual mode]

Click the float button in the lower right corner and select manual operation.

1



[Push robot to maintenance site]

2



[Open side shell and take out dust box]

Take out the dust box and trash the garbage. Take off the guide plate just by pushing it down, then clean it.

3

Maintenance guide – Dust box, guide plate, driving wheel cleaning

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[Install guide plate]

There are 2 gaps on one side of guide plate. Place this side face-in. Then, insert the guide plate into robot and push it upward to finish the install.

4



[Dust box]

Insert the dust box, close the lower shell and lock the buckle.

5



[Driving wheel]

Check the shaft of driving wheel, clean any debris or hairs wrapping around the shaft to avoid blocking driving wheel.

6

Maintenance guide – Roller brush cleaning

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[Open the buckle to open the side shell]

1



[Take roller brush out]

Unscrew the bolt of roller brush. The cover plate will spring up when the bolt was unscrewed. Press it once and remove the side cover of roller brush, and then take out roller brush.

2



[Clean roller brush]

Clean the side cover of roller brush. Clean the debris wrapping on the roller brush. Install them back after cleaning.

3

Maintenance guide – Side brush cleaning

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[Take off the side brush]

Push robot to maintenance site. Press side brush down by both two hands to take it off. Take the other one off in the same way.

1



[Clean side brush]

Clean hair or debris on side brush by hands. When to install it back, align it to the positioning pin and push it upward (it will be locked by magnet).

2

Maintenance guide – Charging pile cleaning

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[Push robot away from charging pile]

Switch robot to manual mode, push it away from charging pile.

1



[Clean the appearance]

Unplug the power socket of charging pile and use clean and wet wipe to clean the appearance. Do not touch the charging port when wiping. Plug the power socket after cleaning.

2

Maintenance guide – Air filter replacement

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[Push robot to maintenance site]

Switch robot to manual mode and push it to maintenance site.

1



[Open the top lid and cover of dust tank]

Open the top lid and open the cover of dust tank. Then, take the dust bag and the air filter out.

2



[Put air filter back]

Clean the filter before putting it back. Note the direction of air filter when put it back. Do not reverse it. Then put the dust bag back and close cover of dust tank and close top lid.

3

Maintenance guide – Dust bag replacement

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[Push robot to maintenance site]

Switch robot to manual mode and push it to maintenance site.

1



[Open the top lid and cover of dust tank]

Open the top lid and open the cover of dust tank. Then, take out the dust bag.

2



[Put dust bag back]

Clean dust bag and put it back. Then close dust tank and top lid.

3

Maintenance guide – Roller brush replacement

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[Open buckle and side lower shell]

1



[Take roller brush out]

Unscrew the bolt of roller brush. The cover plate will spring up when the bolt was unscrewed. Press it once and remove the side cover of roller brush, and then take out roller brush.

2



[Replace roller brush]

Prepare new roller brush. Place the side with gap face-in and insert roller brush into robot. Put the side cover back and screw the bolt. Then close the side lower shell and the buckle.

3

Maintenance guide – side brush replacement

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[Take side brush off]

Push robot to maintenance side. Push side brush down with both two hands to take it off.

Take the other one off in the same way.

1



[Replace side brush]

Prepare new side brush. Align it to the positioning pin and push it forward. It will be locked by magnet.

2

Maintenance guide – dust-mop cloth replacement

Vacuum 40



[Push robot to maintenance site]
Switch robot to manual mode and push it to maintenance site.

1



[Take dust-mop plate off]
Open rear lower shell and take off dust-mop plate and cloth.

2



[Install clean cloth]
Prepare clean cloth. Assemble it to the plate and put the plate back to robot to complete the cloth replacement.

3

Appendix – Daily maintenance checklist

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Daily Maintenance Checklist									
Weekly Maintenance Chart: ___/___/___ to ___/___/___ SN: _____									
Check Items	Details	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Note
Side brush	Side brush has not exceeded its service life								
	No abnormal wear, no deformation								
	Roller brush has not exceeded its service life								
Roller brush	Roller brush has not exceeded its service life								
	No abnormal wear, no deformation								
	No obvious dirty, no abnormal noise								
Dust Bag	Dust bag has not exceeded its service life								
	No obvious dirty, no damage								
Hepa filter	Hepa filter has not exceeded its service life								
	No obvious dirty, no damage								
Robot cleaning	No dust and no dirty on the robot body								
	Sensor has no dust and dirty								
	Clean Trash box and Dust Box								
<p>Note: The above items shall be inspected after daily cleaning. If any abnormality is found, please deal with it or replace it in time. If in doubt, please contact the supplier's service engineer.</p>									