

Hovo 600 Wheel Replacement Guide

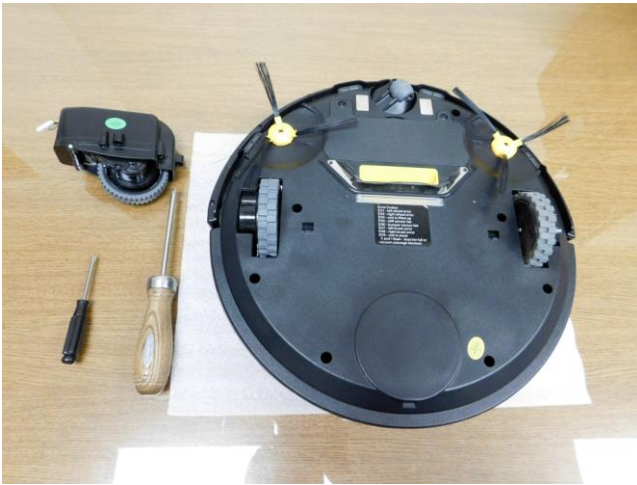
This guide shows you how to replace a left or right wheel assembly on Hovo 600 series (Hovo 600, 620, 630, 650, and 660, etc.) robot vacuums.

If the vacuum is always turning in circles in **clockwise** direction, most likely its **right wheel** is not working properly and needs to be replaced. If the vacuum is always turning in circles in **counter-clockwise** direction, most likely its **left wheel** is not working properly and needs to be replaced.

Please see the following link for a demo video on wheel replacement.

<https://youtu.be/jmGTdEdgKRE>

Things you need: Philip screw driver (1 small and 1 normal size) and replacement wheel assembly.



1. Open the vacuum cover:

- Turn off the main power switch on your vacuum.
- Turn the vacuum upside down, with front wheel towards yourself.
- Remove 4 screws from **right** bumper guard and take off the **right** bumper guard.
- Remove 4 screws from **left** bumper guard and take off the **left** bumper guard.





- Remove 2 screws on battery compartment cover and open the cover.
- Remove 1 screw inside the battery compartment (to free up the upper case).
- Install 1 screw back to battery cover to secure the battery.
- Remove 9 screws on the bottom of vacuum.
- Save all the screws for later use.





- Carefully flip the vacuum over.
- Lift the front bumper up and take it off from the vacuum.
- Open the vacuum top cover from its rear end side.
- Disconnect two wire connectors plugged into the main PCB board from the top cover.
- Open the top cover of vacuum and put it aside.

2. Replace the defective wheel assembly:

- Unplug the wire connector of defective wheel assembly from main board.
- Remove the 3 screws that hold the wheel assembly onto the bottom of vacuum.
- Loosen 2 screws on main board that are close to the wheel, so you have clearance to take out the old wheel and install the new one.
- Lift up the edge of main board a little, and remove the defective wheel assembly.
- Install the replacement wheel assembly. Align it with the mounting holes on the base and install 3 mounting screws.
- Plug the wire connector of replacement wheel to the connector on main board.
- Tighten the 2 screws on main board.

3. Install the vacuum cover:

- Plug the 2 wire connectors back to the main PCB board.
- Reinstall the vacuum cover.
- Align front bumper with the 2 notches near top edge of vacuum cover, and carefully mount it back into place.
- Turn the vacuum upside down again.
- Install 9 screws on the bottom of vacuum.
- Open battery cover; install 1 screw inside battery compartment and 2 screws on battery cover.
- Put left bumper guard back into place, and install 4 screws
- Put right bumper guard back into place, and install 4 screws.
- Turn the vacuum over and double check the front bumper can move freely.

If you have any questions, please contact the product support team at support@metapo.com for further assistance. Thanks.