

CC1 Maintenance Checklist



PRINGLE ROBOTICS



Power Button



Localize BoT



Changing Parts



Daily Maintenance

- **Debris Tray**
 - Remove from underneath the BoT and empty after cleaning task is finished

- **Dirty Tank**
 - Dump buildup in dirty and filter bag; rinse with clean water. Fill dirty tank with clean water and let the BoT dock to flush out reservoir in workstation

- **Back Attachment**
 - Clean inner side of squeegee or check vacuum attachment for excessive debris and clogs

- **Cleaning Detergent**
 - Recommend for dirty floors, add product if necessary to docking station

- **Battery Level**
 - Ensure the BoT is charged/charging for future tasks

Weekly Maintenance

- **Under Brushes**
 - Remove entanglements on brush and ends; replace when worn down
 - Check the underside brush deck for entanglements or debris, especially at the ends of the metal spiked mounts underneath the rubber gasket cover.
- **Dirty Tank Cover**
 - Check sealing ring for damage/leaking air
- **Cleaning of Dirty and Clean Tanks**
 - Use sponge and vinegar to wipe down sides of tanks; prevent calcium buildup
- **Check Suction Pipe and Dirty Tank**
 - Check for obstructions; flush with water, discharge comes out of the back of BoT
- **Check Squeegee/Brushes for Damage**
 - Check squeegee height and make sure it is level; these parts will need replacement over time
- **LIDAR/RGBD Cameras**
 - Wipe down RGBD and LIDAR sensors from any buildup with microfiber cloth
- **Workstation**
 - Check filter screen and flush of any debris
- **Software Updates**
 - Check BoT regularly for software updates

Monthly/Long Term Maintenance

- **Abnormal Sound**
 - Check for wear on synchronous belts on both ends of rolling brush
- **Brushes**
 - Check for excessive wearing; eventually will need to be replaced
- **Long Term Storage**
 - Charge Between 80-90% and empty clean/dirty tanks when storing
 - Key the BoT off
- **Clean Vacuum Filter Sponge**
 - Pat off excess dust and then gently rinse clean
 - Allow to fully dry before reinstalling
 - Replace when filter has excess wear