

Winterizing Your Lawnbott - Models with Brushes

You can Winterize your Lawnbott yourself, or you can pay us to do it! Here's how to do it yourself in 5 easy steps:

Cleaning

Basic Cleaning: Remove blade, outer shell and blade guard, wash them with mild soap such as Dawn (dish detergent). Use of a nylon scrub brush is ok. Scrape all grass from the underside with a wooden or plastic tool. **Never** use a power washer or use a hose on the underside. Models with inner cover: clean out all grass on top of the inner cover, check bump sensors for grass build up and remove it. Wipe down. Open the back panel/hood, move the battery if needed and inspect the electronics with a flashlight. If corrosion is observed on the electronics or cables, brush it off gently with a dry extra-soft toothbrush. Then repeat with rubbing alcohol. Do not vigorously scrub electronics. Gently shine external recharging contacts with fine sandpaper to remove invisible oxidation.

Full Detailing: Wipe all outer surfaces with a soft damp cloth, or wash with a damp rag and Dawn. Then rinse with a second cloth. A soft toothbrush or nylon scrub/dish brush may be used to remove stubborn grass. Or, purchase our hand-held power scrubber! It works great! Dry thoroughly with a lint-free towel or cloth diaper. Models without electronics on the cover: outer shell, blade guard and blade may be immersed in water and scrubbed. Models with electronics in the cover, wipe only. Check for corrosion as described above. **Our detailing makes your robot look like new!**

Wheel & Blade Care

Inspecting: Ensure wheels are properly aligned, spin freely and do not make contact with the robot's body, or cleaning spindles (if present). Spin the blade and make sure it does not contact the blade guard. Dull blade? Flip or replace it. If the blade guard is cracked or not present, order one. It keeps the blade from getting caught on the metal plate (some models).

Greasing: Use the Lucas Oil Red Grease with Anti-Seize, available at auto parts stores. Remove rear wheels, apply grease to wheel hubs (you should see some grease there already, just add more. Remove LawnBott outer cover. Robots with front wheels: find the round disks, one each above the front wheels on top of the black underframe. Remove the round cap(if present), add grease, replace cap, wipe excess. Do not grease the front wheel tires. LB1200/LB75 - remove all wheels and grease the wheel hubs. Add thread-lock to wheel bolt threads prior to screwing them in place.

Motor Care

Change brushes in motors (brushed models only) at least once per year per acre. That is, if you have 1/2 acre, brushes can be changed every two years. Changing them every year will not hurt, however. All Lawnbotts purchased 2011 and before have brushes unless upgraded. After 2011, certain models have brushes. Watch the videos for instructions. Brushes are available at <http://www.paradiserobotics.com> **Note: the blade motor brush kit has been discontinued.**

<http://tinyurl.com/lawnbottbladebrushvideo>

<http://tinyurl.com/lawnbottwheelbrushvideo>

Battery Care

There are two ways to care for the battery. 1) Charge it once per month with the Winter Charger (or in the base). 2) Charge it overnight and disconnect only the black wire. Disconnecting the black wire will keep it charged and also ensure you don't mix up the wires when plugging it back in next Spring. **Very Important:** disconnect your GPS module, if present, to avoid using up "locates". Always give your Lawnbott a full overnight charge before running it again for the first time.

Storing

Bring your charging base inside if you reside in an area that gets snow or gets below freezing at night. Freezing and thawing is hard on plastic. Store your base and Lawnbott in an area that remains above freezing for the Winter (garage, basement, crawl space) are all fine. An outdoor shed in a cold climate is not recommended. Permanently-installed bases may exhibit more wear and tear. Upon arrival of Spring, gently shine base recharging plates with fine sandpaper to remove invisible oxidation.

Winter Charging: Purchase a Winter Charger to charge your robot without the base.



Contact us for our Winterization Pricing!