



NEUTON BATTERY-POWERED MOWER



SAFETY CONSIDERATIONS

- This cutting machine is capable of amputating hands and feet, and throwing objects. Failure to observe safety instructions could result in serious injury or death.

Protect yourself and those around you.

- Be sure the area is clear of other people before mowing. Never allow children, bystanders, or pets in your work area when operating the mower.
- Never allow children to operate the machine.
- Before and while pulling the machine backwards, look behind and down for small children and for secure footing.
- Use extra care when approaching blind corners, shrubs, trees and other objects that may obscure your vision.
- Dress appropriately. Always wear protective goggles or safety glasses. Use a face or dust mask. Wear shoes with non-slip tread. Wear pants. Avoid wearing loose clothing or jewelry, which might catch on moving parts.

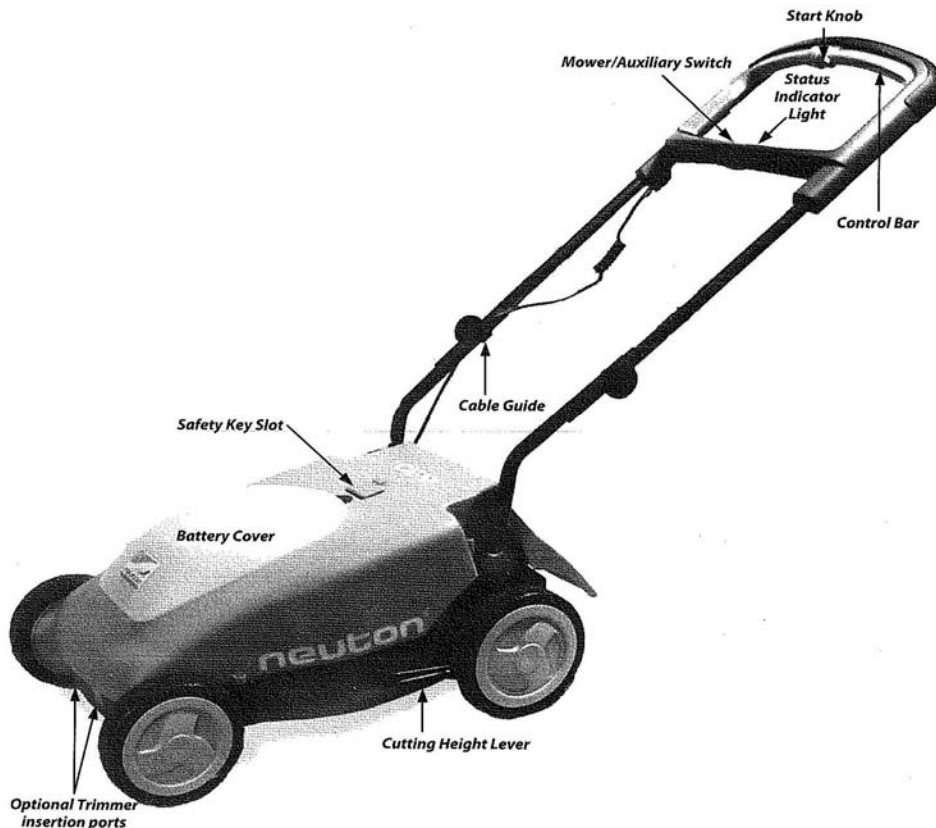
Properly prepare to use the mower.

- Read, understand, and follow all instructions on the machine and in this guide.
- Never operate the mower without the proper guards and safety switches.
- Thoroughly inspect the area where you will be using the mower and remove all stones and any other foreign objects which could be thrown by the mower.
- Never turn the mower over while the motor is running.
- Mow in daylight or in an area well lit by artificial light.

Safely operate the mower.

- Always stop the motor, wait for the blade to stop moving, and remove the safety key whenever you leave the operating position (behind the handlebar) for any reason.
- Never insert the safety key into the mower until you are ready to operate the mower.
- The cutting blade always turns when the motor is running. Remember that the blade will continue to rotate for up to three (3) seconds after you release the orange bar.
- Do not put your hands or feet near or under the rotating blade.
- Never operate the mower in the rain or when the grass is wet.
- Keep a firm hold on the handlebar, and walk—never run.
- Watch out for traffic when mowing near roadways.
- Stop the motor when crossing over loose materials such as gravel, as objects discharged by the mower can be hazardous.
- Remove the safety key when the machine is not in use.
- Never pull the mower toward you while cutting grass. By design, you should only push the Neuton mower forward while cutting.
- Use extreme caution when maneuvering backwards.
- If you strike a foreign object, or if the mower vibrates abnormally, stop the motor, remove the safety key, and return to Urban Neighborhoods Alliance.

CONTROLS, FEATURES, AND ATTACHMENTS



Safety Key Slot

- The Safety Key Slot is for the Safety Key.

Safety Key

- The Safety Key, after you insert it into the Mower, allows the Motor to start and run. You can insert the Safety Key either way—it has no front or back. You should remove the Safety Key when not in use.
- The Safety Key has a Built-In Circuit Breaker to protect the Motor.
- NOTE: If the Built-In Circuit Breaker trips, the white Button on top of the Safety Key will pop up. Before attempting to restart the Mower, push the white Button all the way down until it locks into place.

Start Knob

- The orange Start Knob is a safety feature that you must push across to the left before the Control Bar can be depressed.

Control Bar

- The orange Control Bar is a safety feature. You must squeeze the Bar in to the Handlebar for the Motor to start and run, and the Cutting Blade to spin. When the Control Bar is released, the Motor shuts off and the Blade stops spinning with three (3) seconds.

Status Indicator Light

- The green Status Indicator Light on the Lower Crossbar lights up when you install the charged Battery and insert the Safety Key.
- NOTE: A green Status Indicator Light does not guarantee that the Battery is fully charged, only that it has some charge, the Safety Key has been inserted, the electrical system is ready, and that the Mower can be started.
- **NOTICE! If the green status indicator light goes out, do not operate the mower again until the battery is fully charged. If you do, this will result in decreased charge capacity.**

Note: You must use one (1) and only one (1) of the three (3) attachments listed below. You will receive the mower with its default attachment, the Side Discharge Chute.

Side Discharge Chute

- This allows for proper discharge of the grass, which prevents clogging.
- To install:
 1. Raise the hinged Discharge Guard on the back of the Mower.
 2. Orient the Discharge Chute so the opening faces opposite the bar with the cable.
 3. Position the top front groove of the Chute over the metal Support Rod (found under the Discharge Guard) and lower the Chute into place.
 4. Lower the hinged Discharge Guard.

Mulching Plug

- To mulch your grass, install the Mulching Plug.
- There's a slight knack to installing the Plug; push the Plug in with a slightly arcing motion as follows:
 1. Align the Plug in the Mower.
 2. Start to push the top of the Plug in first.
 3. Then put pressure towards the bottom and slide in the Plug.
 4. Be sure to push the Plug all the way in until the Notch in its bottom is engaged.

Bagger

- This lets you cut and catch the grass clippings, eliminating the need to rake.
- To install the bagger:
 1. Raise the Discharge Guard on the Mower and note the metal Support Rod at the rear of the Mower.
 2. Grasp the Bagger by the Top Handle and center it at the back of the Mower.
 3. Align the Bagger's Metal Latch Hooks over the Support Rod and lower the Bagger in place until the Wire Frame at the bottom of the Bagger rests on the Mower.
 4. Lower and close the Discharge Guard.
- To empty the Bagger, tilt the Top Handle forward. Use the Cloth Handle at the rear of the Bagger to move the contents toward the front as you empty the Bagger.

OPERATING THE NEUTON MOWER

Pre-Start Check:

Do not insert the Safety Key until you have completed all of the Pre-Start Checks and you have moved the Mower to the mowing area.

- Check under the Mower Deck and make sure that the Blade is attached securely. Inspect for any visible damage to the Blade or Deck, and remove any accumulation of dirt, dust, or dried grass clippings.
- Make sure all Knobs, Bolts, Attachments, Guards, and Covers are in place and securely attached.
- Attach the Side Discharge Chute, the Rear Bagger, or the Mulching Plug.
- Set the Mower to the desired Cutting Height. (see following instructions)
- Be sure the Battery is fully charged.
- Be sure to set the Mower/Auxiliary Switch to "Mowing".
- Push the Mower (before starting it) to the lawn area you wish to mow.

Adjusting the Cutting Height

- Using the Cutting Height Lever, adjust the Cutting Height so that you cut off only one (1) to two (2) inches of grass at a time.
 1. Remove the Safety Key.
 2. Make sure all four (4) wheels are level.
 3. Pull the Cutting Height Lever (toward the wheel) out of its present position Notch. The Cutting Height Lever is spring-loaded.

4. Move the Lever to any one of the six settings.
- Pulling the Lever to Position 1 cuts more grass (which leaves your grass shorter); pushing the Lever down towards Position 6 cuts less grass (leaving your grass longer).

Starting the Motor and Engaging the Blade

- Perform the Pre-Start Check and Cutting Height Adjustment listed above.
- Insert the Safety Key into the Key Slot. You can insert it either way. The green Status Indicator Light on the Lower Crossbar should come on.
- Slide the orange Start Knob to your left.
- Squeeze and hold the orange Control Bar.
- Continue to hold the Control Bar against the Handlebar for as long as you want the Motor to run.

Stopping the Motor and Blade

- Simply releasing the orange Control Bar stops the Motor and Blade.

When Finished Mowing

- Remove the Safety Key when the Mower is unattended.
- Remember to recharge the Battery after each use; no matter how short a time you used it!!!

THE BATTERY

Under normal conditions, the Battery charge should last for approximately forty-five (45) to sixty (60) minutes per use. The length of time depends on the length, density, and dampness of the grass.

- Use normal household voltage when charging the battery. Plug the charger directly into the electrical outlet. Do not abuse the cords.
- Always connect the charger to the battery first, and then plug the charger into the wall outlet. When unplugging, reverse the process; unplug the charger from the wall outlet first, and disconnect it from the battery.
- Always fully recharge the Battery immediately after each use; no matter how short a time you used it. Fully recharge even if the Status Indicator Light is still green.
- Unlike “smart batteries” found in devices like cell phones, you should NOT run the Neuton Mower Battery until completely drained.
- Leave the battery on the Charger when not in use.

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