



# Corded String Trimmer

## *Safety & Operating Instructions*

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### **NEUTON Power Equipment**

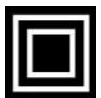
75 Meigs Road  
Vergennes, VT 05491

Toll-Free phone: **1-866-NEUTON1 (638-8661)**

Fax: 1-802-877-1213

Website: [www.neutonpower.com](http://www.neutonpower.com)

E-MAIL: [INFO@NEUTONPOWER.COM](mailto:INFO@NEUTONPOWER.COM)



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### **! WARNING!**

Read and understand this manual and all instructions before operating this Trimmer.

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## Conventions used in this Manual

### **WARNING!**

This indicates a hazardous situation, which, if not avoided, *could result in death or serious injury.*

### **CAUTION!**

This indicates a hazardous situation, which, if not avoided, *could result in minor or moderate injury.*

### **NOTICE**

This information is important in the proper use of your tool. Failure to follow this instruction could result in damage to your tool or property.

**TIP:** This is a helpful hint to guide you in getting the most out of your NEUTON Corded String Trimmer.

**NOTE:** This information may be helpful to you in using your Trimmer.

Neuton Power Equipment reserves the right to discontinue, change, and improve its products at any time without notice or obligation to the purchaser. The descriptions and specifications contained in this manual were in effect at printing. Equipment described within this manual may be optional. Some illustrations may not be applicable to your equipment.





## NEUTON Corded String Trimmer Product Specifications

<b>Motor</b>	
Input	120V AC
<b>Controls</b>	
ON/OFF	Single Trigger Switch w/Lock-Off Button
Handles	Rubber Molded Adjustable/Telescopic Handles
<b>Trimmer Housing</b>	
Material	Injected Polypropylene
Weight	6.42 lbs.
<b>Trimming</b>	
Cutting Width	13 inches
String Speed	8,500 RPM
Line	.065", Semi-Automatic Feed
Edging function	Yes

## Chapter 1: Important Safety Considerations

We want you to enjoy years of safe and productive use from your NEUTON Corded String Trimmer. We do not want you injured, so please take a few moments to read the following instructions for safely operating your new Tool.

Take a moment to study the following label and make a note of its location *before* you operate the Trimmer. Replace a damaged or missing safety and information label immediately.

 <b>WARNING</b>	To reduce the risk of injury, user must read and understand operator's manual. Do not operate without guard in place. When servicing, use only identical replacement parts. Wear eye protection. To reduce the risk of electric shock, do not expose to water or operate on wet ground. Replace damaged cord immediately.
 <b>AVERTISSEMENT</b>	Pour réduire les risques de blessures, l'utilisateur doit lire et veiller à bien comprendre le manuel d'utilisation. Ne pas faire fonctionner l'outil sans avoir mis en place un dispositif de protection. Utiliser exclusivement des pièces identiques à celles d'origine pour les réparations. Porter une protection oculaire. Pour réduire les risques de choc électrique, ne pas exposer l'outil à l'eau ou l'utiliser sur un sol mouille. Remplacer immédiatement les cordons endommagés.
 244026	
Made in China	Fabriqué en Chine
	<b>286711</b>

WARNING Label near Center Handle, 286711

## Protecting Yourself and Those around You

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### **WARNING!**

- Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the Trimmer and the activity of trimming. Never assume that children will remain where you last saw them.
  - Never allow bystanders, or pets in your work area when operating the Trimmer. The Cutting Cord on the NEUTON Corded String Trimmer can throw sticks, small stones, gravel, and bits of debris over long distances. Stop the tool if anyone enters the area.
  - Only allow responsible individuals who have a thorough understanding of these instructions to operate the Trimmer. Never allow children to operate the tool.
  - If you are ever unsure about an action you are about to take, please do not do it.
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## Dressing Appropriately

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### **WARNING!**

- Always wear protective goggles or safety glasses with side shields that are marked to comply with ANSI Z87.1 standard when using your NEUTON Corded String Trimmer to protect your eyes from possible thrown debris.
  - We recommend the use of ear protectors or earplugs rated for at least 20 DBA to protect your hearing.
  - Wear shoes with non-slip treads when using the Trimmer. If you have safety shoes, wear them. Do not use the Trimmer while barefoot or wearing sandals with exposed toes or heels.
  - We recommend wearing long pants and rubber gloves while using this tool.
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## Preparing to Use Your Trimmer

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### **WARNING!**

- Read, understand, and follow all instructions on the Trimmer and in the manual. Be thoroughly familiar with the control and the proper use of the Trimmer before starting.
  - Thoroughly inspect the area where you will be using the Trimmer, and remove all wire, sticks, and any other foreign objects which could become entangled in or thrown by the Trimmer Cord. Be particularly careful to avoid any wire bent outwardly into the path of the tool, such as barbs at the base of a chain link fence.
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## Operating Your Trimmer Safely

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### **WARNING!**

- Do not use your NEUTON Corded String Trimmer for any job other than the intended use.
  - Avoid unintentional starting - do not carry the NEUTON Corded String Trimmer with your finger on the ON/OFF Switch.
  - Do not put any part of your body near the Trimming Cord when operating. Keep both hands on the Handles.
  - Remove the power cord when inspecting, cleaning, or clearing any jammed material from the Trimmer Guard.
  - Never pick up or hold the Trimmer by the Cutting Cord or Guard.
  - Be aware that the Cutting Cord will coast to a stop after releasing the ON/OFF Trigger; it does not stop immediately.
  - Do not operate the Trimmer in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes.
  - Do not operate the Trimmer near electrical wires.
  - Never over reach and keep proper footing and balance at all times.
  - Do not force the Trimmer - it will do the job better and with less likelihood of a risk of injury when cutting at its own rate.
  - Never operate the Trimmer in the rain.
  - Watch out for traffic when operating near roadways.
  - Operate only in daylight or in an area well lit by artificial light.
  - Do not operate the tool when you are tired or under the influence of medication, drugs, or alcohol.
  - If the Trimmer vibrates abnormally, stop the motor, remove the power cord, and inspect the tool for any damage. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting and any other condition that may affect its operation. Repair the damage before restarting and operating the Trimmer. **NOTE:** Excessive vibration is generally a sign of trouble.
  - Do not operate the Trimmer if it does not start normally or stop normally with the ON/OFF Switch.
  - Never use the Trimmer with a damaged or missing Guard.
  - If you strike or entangle with an object, stop the Trimmer immediately. Check for damage and have any damage repaired before further operation is attempted. Do not operate with a broken Hub or Spool.
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No list of Warnings and Cautions can be all-inclusive. If situations occur not covered by this manual, the operator must apply common sense and operate the NEUTON Corded String Trimmer in a safe manner. Visit our website at [www.neutonpower.com](http://www.neutonpower.com) or call Toll Free: **1-866-NEUTON1 (638-8661)** for assistance.

## Chapter 2: Unpacking and Assembling your NEUTON Corded String Trimmer

### Carton Contents:

- NEUTON Corded String Trimmer
- Safety Guard and four (4) Screws
- 2 extra Spools of Line
- *Safety and Operating Instructions*

### Unpacking:

1. Carefully remove the Trimmer, Safety Guard, Screws, Line Spools, and the *Safety and Operating Instructions* from the Shipping Carton. Make sure that all items listed in the Carton Contents are included.
2. Inspect the product carefully to make sure no breakage or damage occurred during shipping. If you find damaged or missing parts, call Toll Free: **1-866-NEUTON1 (638-8661)** for assistance.

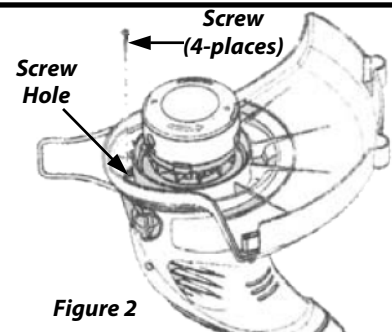
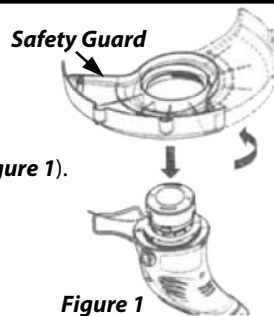
**NOTE:** Do not discard the Shipping Carton and packaging material until you are fully satisfied with your new NEUTON Corded String Trimmer.

### Assembly:

**! WARNING!** Do not attach a power cord until assembly is complete. Failure to comply could result in accidental starting and possible serious injury.

### Tool Required:

- Phillips Screwdriver
1. Position the Safety Guard as shown and slide it down over the Lug on the Motor Housing (**Figure 1**).
  2. Turn the Guard counterclockwise to lock into position (**Figure 1**).
  3. Using a Phillips Screwdriver, screw the Screws in the Guard into the Motor Housing (**Figure 2**).



## Chapter 3: Operating Your NEUTON Corded String Trimmer

### Auxiliary Handle Adjustment

For maximum comfort and control, adjust the Auxiliary Handle (**Figure 3**) to suit your height. For shorter users, adjust the Handle to a lower position (away from you) and for taller users, adjust the Handle to an upper position (towards you). You should adjust the Handle so that your front arm is straight. To adjust the Auxiliary Handle, simply loosen the Adjustment Knob (counterclockwise), position the Auxiliary Handle as required and then tighten the Adjustment Knob (**Figure 3**).

### Height Adjustment

You can adjust the overall height of the Trimmer by loosening the Lock Collar (**Figure 3**). Now you can adjust the Tubes shorter or longer. When you achieve the desired height, rotate the Lock Collar back to the original tightened position.

### Starting the Trimmer

### NOTICE

- Starting, stopping, and restarting an electric Motor repeatedly within a few seconds can generate a great deal of heat and damage the Motor. To protect the life of your String Trimmer, always wait at least five (5) seconds after stopping before restarting the Trimmer.
- Before you start the Motor, be certain that the Cutting Cord is not in contact with any object.

1. Perform the Daily Checks listed on the back cover of this manual.
2. Connect the Trimmer to a working 120V outlet using a heavy-duty outdoor extension power cord. Make a loop in the power cord and push it up through the hole in the Handle and around the Cord Relief Hook (**Figure 4**) then plug it into the Power Receptacle.
3. Push the Lock-Off Button IN (**Figure 4**) with your thumb and squeeze the Trigger ON/OFF Switch (**Figure 4**) with your fingers. Once the Motor starts you can remove your thumb from the Lock-Off Button. If the Trimmer does not start, make sure you plugged the power cord into a live 120V outlet (simply use a lamp to check the power outlet) and firmly plugged the power cord into the Trimmer Power Receptacle.
4. To stop the Trimmer, simply release the Trigger ON/OFF Switch.

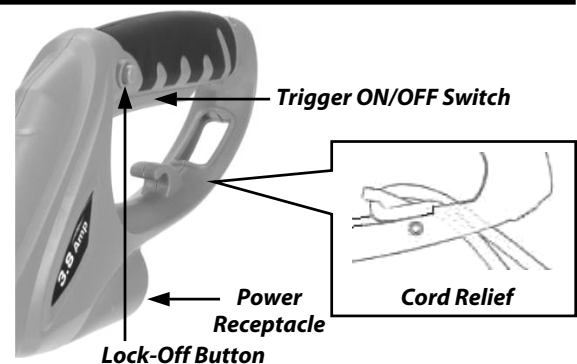
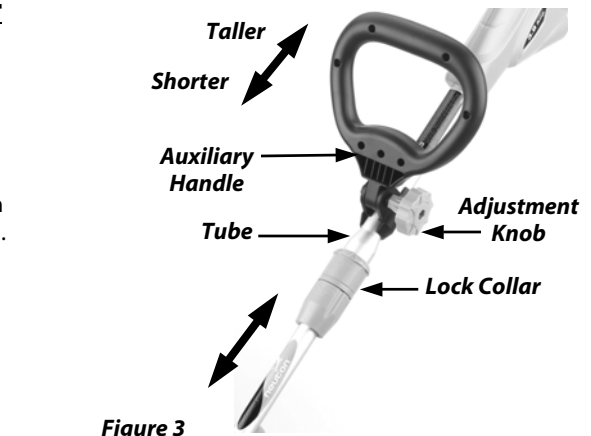


Figure 4

## Using the Trimmer

### Proper Trimming Stance

Balance your weight on both feet on solid ground keeping your forward arm with elbow locked in a "straight arm" position.

### Basic Trimming Procedure (Figure 5)

Slowly swing the Trimmer from side-to-side.

**TIP:** Swing down the Wire Edge Guide to protect fence posts, foundations, plants, and shrubbery.

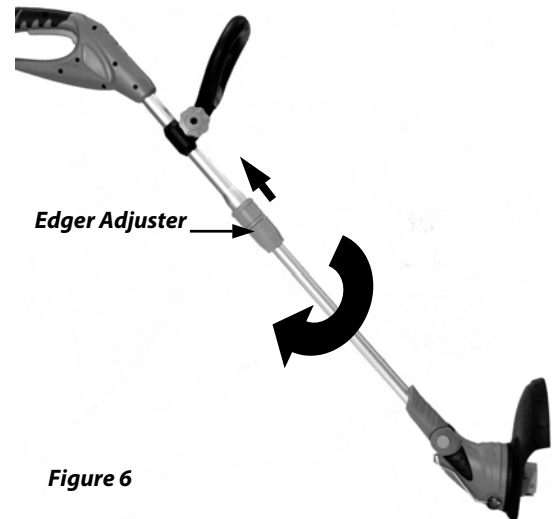
### Edging with your Trimmer (Figure 6)

To convert the Trimmer for maintenance edging, first turn OFF the tool.

1. While holding the Lower Trimmer Tube with one hand, pull up on the Edger Adjuster (**Figure 6**) with the other and rotate the Trimmer Head clockwise (when viewed from the ON/OFF Switch end) until it stops (half turn) and release the Edger Adjuster. The Trimmer Head is now locked in the Edger position.
2. To operate as an Edger, position Trimmer above sidewalk as shown (**Figure 6**).
3. To return to the trimming position, turn the tool OFF, pull up on the Edger Adjuster, and rotate the Trimmer head counterclockwise until it stops and then release the Edger Adjuster.



**Figure 5**



**Figure 6**

## Line Feeding

Your NEUTON Corded String Trimmer uses .065" (1.65mm) diameter Nylon Line to cut grass and weeds quickly and easily. In time, the tip of the Nylon Line will wear and the Auto Feed mechanism will automatically feed and trim a fresh length of Line. The Cutting Line will wear faster if you trim heavier weeds or edge along sidewalks or other abrasive surfaces. The Line will extend approximately 1/4" with each Stop and Start of the ON/OFF Trigger Switch until the Line reaches the length of the Safety Guard Blade. Do not bump unit on ground in attempt to feed Line or for any other purpose.

### Clearing Jams and Tangled Lines (Figure 7)

Occasionally, especially when cutting thick or stocky weeds, the Line Feeding Hub may clog with sap or other material and the Line will become jammed as a result. To clear the jam, follow these steps.

1. Turn OFF the Trimmer and remove the power cord.
2. Press the Release Tabs on the Line Spool Cover and remove the Cover by pulling it straight off.
3. Lift the Spool of Nylon Line out of the Hub and clear any broken Line or cutting debris from the Spool area.
4. In case of jams and tangled Line, unwrap about one foot (30cm) of Line to ensure that it is undamaged. If it is OK, rewind it and insert the Line end through the Eyelet in the Spool Hub. Pull the Line through the Hole to maintain tension while placing the Spool back down into the Hub with the notched side exposed.
5. Press the Spool down GENTLY and rotate it until you feel it drop into place. When in place, the Spool will turn a few degrees left and right freely.
6. Snap the Spool Cover back on, plug in the power cord, and turn the Trimmer on. In a few seconds or less you will hear the Line being cut automatically to the proper length.

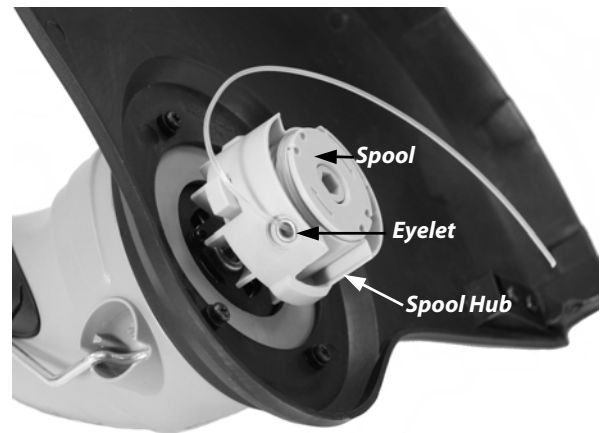
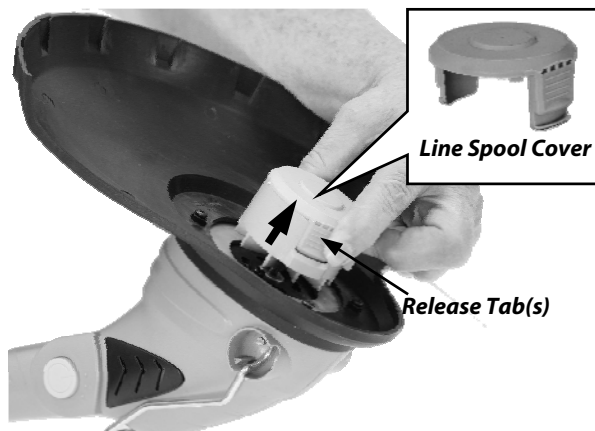


Figure 7

### Rewinding Spool from Bulk Line

You can purchase Bulk Line (.065" diameter) for your NEUTON Corded String Trimmer at a local Lawn and Garden Store or purchase pre-wound replacement Spools by visiting our website at [www.neutonpower.com](http://www.neutonpower.com).

To install Bulk Line, follow these steps:

1. Turn OFF the Trimmer and remove the power cord.
2. Press the Release Tabs on the Line Spool Cover and remove the Cover by pulling it straight off (Figure 7).
3. Lift the Spool of Nylon Line out of the Hub and discard any remaining Line on the Spool.
4. Insert one end of the Bulk Line into the Hole in the Spool as shown (Figure 8).
5. Snugly and evenly, wind the Bulk Line onto the Spool in the direction of the Arrow until it is nearly full (about 10 feet of Line).
6. Insert the Line end through the Eyelet in the Spool Hub (Figure 7). Pull the Line through the Hole to maintain tension while placing the Spool down into the hub with the notched side exposed (Figure 7).
7. Press the Spool down GENTLY and rotate it until you feel it drop into place. When in place, the Spool will turn a few degrees left and right freely.
8. Snap the Spool Cover back on, plug in the power cord, and turn the Trimmer on. In a few seconds or less you will hear the Line being cut automatically to the proper length.

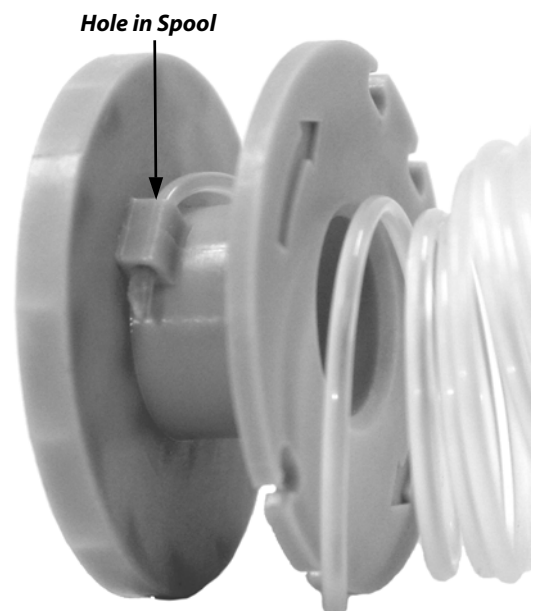


Figure 8

## Chapter 4: Troubleshooting Your NEUTON Corded String Trimmer

### Troubleshooting Tips

Most difficulties are easy to fix. Consult the Troubleshooting Table for common problems and their solutions. If you continue to experience problems or need repairs beyond these minor adjustments, visit our website at [www.neutonpower.com](http://www.neutonpower.com) or call Neuton Power Equipment Toll Free at: **1-866-NEUTON1 (638-8661)** for assistance.

### **! WARNING!**

Always unplug the power cord before performing any adjustments, maintenance, or repairs to your Trimmer.

### Troubleshooting Table

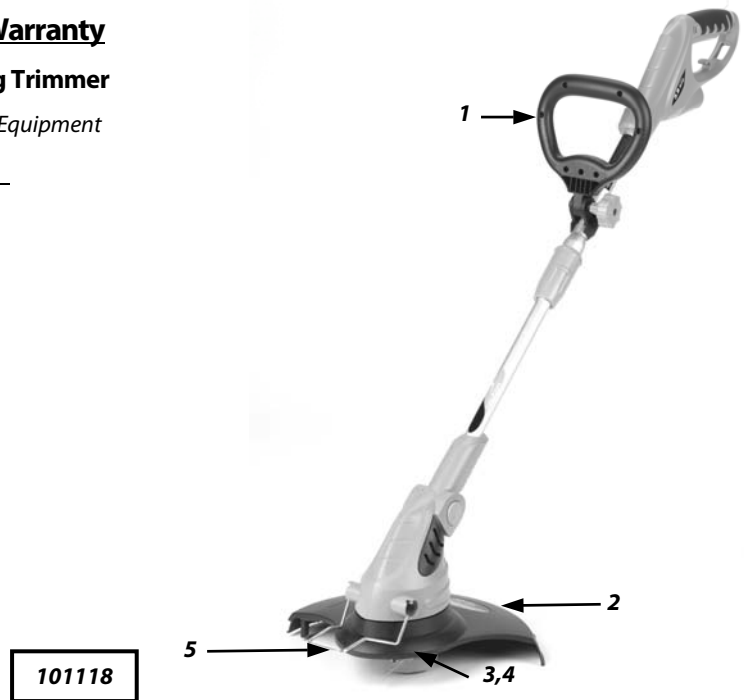
PROBLEM	CORRECTIVE ACTION
<i>The Trimmer Motor fails to start.</i>	⇒ Check that you installed the power cord properly into the Trimmer Power Receptacle and you plugged the power cord into a live 120V outlet. ⇒ Make sure that you fully push in the Lock-Off Button before squeezing the ON/OFF Trigger Switch.
<i>The Line will not feed.</i>	⇒ The Line tangled in the Spool. Unwrap 24" of Line and rewind.
<i>The Line fails to cut off.</i>	⇒ Line Cutter in Safety Guard is damaged or missing. Visit our website at <a href="http://www.neutonpower.com">www.neutonpower.com</a> or call Neuton Power Equipment Toll Free at: <b>1-866-NEUTON1 (638-8661)</b> for assistance.

## Chapter 5: Parts List, Schematic Diagram, and Warranty

### Parts List & Schematic Diagram NEUTON Corded String Trimmer

**NOTE:** Part numbers listed are available through Neuton Power Equipment

Ref#	Part#	Description
1	289621	Auxiliary Handle Assembly
2	289631	Guard, Safety
	286831	4-Mounting Screws ( <b>Figure 2</b> , Page 4)
3	291211	Spool Assembly
4	289641	Spool Cover
5	289651	Wire Edge Guide



### 2-Year Limited Warranty

#### Terms and Conditions

The NEUTON® Corded String Trimmer has a warranty for two (2) years against defects in materials or workmanship when put to personal residential household use. For the purposes of the warranty, "personal residential household use" refers to non-commercial residential use and further excludes misuse, accidents, or damage due to inadequate maintenance.

Neuton Power Equipment certifies that the NEUTON® Corded String Trimmer is fit for ordinary purposes for which a product of this type is used. Neuton Power Equipment however, limits the implied warranties of merchantability and fitness in duration to a period of two (2) years in personal residential household use.

The 2-Year Limited Warranty on the NEUTON® Corded String Trimmer starts on the date the tool shipped from our factory. The 2-Year Limited Warranty is applicable only to the original owner.

The owner is responsible for the performance of all the required maintenance as defined by the manufacturer's owner manual.

The owner is responsible for the replacement of normally wearing parts such as the Safety Guard, Cutting Cord, and the Wire Edge Guide.

During the warranty period, the owner is responsible for all shipping and transportation charges, if required.

SOME STATES DO NOT ALLOW LIMITATIONS ON THE LENGTH OF IMPLIED WARRANTIES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

Neuton Power Equipment shall not be liable under any circumstances for any **incidental or consequential damages or expenses** of any kind, including, but not limited to, cost of equipment rentals, or cost of hiring services to perform tasks normally performed by the NEUTON® Corded String Trimmer.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

## Daily Checklist, Cleaning and Storing for your NEUTON Corded String Trimmer

To help maintain your NEUTON Trimmer for optimum performance, we recommend you follow this checklist each time you use your Trimmer.

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### **WARNING!**

Do not plug in a power cord until you have completed all of the daily checks.

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[ ] **INSPECT:** Before plugging in a power cord, inspect for any visible damage to the Spool or Motor Housing.

Inspect the Safety Guard and remove any debris from the Trimmer.

[ ] **NOISES:** If you notice anything unusual, such as a vibration or odd sound, shut the Trimmer OFF immediately. Remove the power cord and check the Trimmer for any damage.

If you cannot find the cause of the problem or are uncertain what to do, then have the Trimmer inspected by a qualified repair shop before using it or visit our website at [www.neutonpower.com](http://www.neutonpower.com).

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### **CAUTION!**

- Remove the power cord and allow the Trimmer to cool for at least five (5) minutes before servicing or storing.
  - If you drop the Trimmer, carefully inspect it for damage. If the Safety Guard is broken, Housing cracked, or Handles broken or if you see any other condition that may affect the Trimmer's operation, visit our website at [www.neutonpower.com](http://www.neutonpower.com) or call Neuton Power Equipment Toll Free **1-866-NEUTON1 (638-8661)** for assistance before putting it back into use.
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## Cleaning the Trimmer

Use only mild soap and a damp cloth to clean the Trimmer. Never let any liquid get inside the Trimmer Housing and NEVER immerse any part of the Trimmer Housing into a liquid.

## Storing

[ ] Do not store the Trimmer near chemicals, such as fertilizers, organic or other solvents. Do not expose brake fluids, gasoline, petroleum-based products, penetrating oils, etc., to the plastic parts of the Trimmer. These products are often highly corrosive and may cause permanent damage, weaken, or destroy the plastic to your Trimmer.

[ ] When not in use, your NEUTON Corded String Trimmer should be stored indoors in a dry and high or locked-up place, out of reach of children.

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### *Documentation*

Produced in China for Neuton Power Equipment

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## Neuton Power Equipment

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