

**TORO**®

# 900 Home Duty Trimmer/ Weeder



- Fully-Automatic Line Feed
- Integral Mounted Support Handle
- Light Weight for Easy Handling
- Full One Year Warranty
- Heavy Duty Motor
- TORO Quality



WELCOME to the TORO family of fine lawn care equipment! Your TORO TRIMMER is a new kind of lawn and garden tool and has advanced concepts in engineering, design and safety. This Operator's Manual has been designed to help you thoroughly understand your new tool before using it. Please read it completely before operating the Trimmer.

You will find that as your knowledge of the tool increases, your proficiency with it will improve. Further, you will learn more and more uses for it, making many of your lawn care chores quick and easy.

Now, read through your Operator's Manual and then enjoy the ease of trimming your TORO TRIMMER brings you and your family.



## TORO TRIMMER MODEL 51216

# OPERATOR'S MANUAL

### Safety Instructions



To assure optimum performance, and to gain knowledge of the Trimmer, it is essential that you or any other operator of the Trimmer read and understand the contents of this manual before operating Trimmer. Pay particular attention to the instructions highlighted by the black safety symbol. Failure to comply with the safety instructions may result in personal injury.

1. Read and understand Operator's Manual before using Trimmer. Never allow children to operate the Trimmer.

2. Dress properly — always wear safety glasses, substantial footwear and long pants. Do not wear loose clothing or jewelry that can be caught in moving parts.

3. To prevent shock hazards, use only an extension cord suitable for outdoor use that is properly connected with the power cord set.

4. Keep area of operation clear of other persons.

5. Do not use in the rain or operate in wet or damp conditions.

6. Do not abuse cord — never yank cord to disconnect from receptacle. Keep cord away from heat, oil and sharp edges. Replace damaged cord.

7. Do not put hands, feet, or face near or under rotating parts. Never operate without proper guards or other protective devices in place.

8. Do not operate your Toro Trimmer should it start to vibrate abnormally or after it has been dropped or damaged. Return it to your authorized service dealer for inspection and repair.

9. Stop the motor and unplug the supply cord whenever you leave the Trimmer, before transporting, before cleaning the housing and when inspecting or making any repairs.

10. When not in use, store your Trimmer in a dry place out of the reach of children.

11. When servicing, use only identical replacement parts.

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## Before Operating

Your Toro 900 Trimmer comes fully assembled in the box. You need no tools. Feed the cutting line and secure the pigtail power cord to a suitable extension cord. For your safety do not operate until you have read the Operating Instructions on the following pages.

### CUTTING LINE

**NOTE:** The cutting line for your Trimmer is a special monofilament line. Your Trimmer comes complete with a 15m supply of this line already wound onto the spool.

1. (Figure 1) To avoid line tangle during shipment, the tip of the monofilament line has been taped to the head assembly. The tape must be removed before operation.

2. After each use, either retaping or looping the line through the eyelet (see figure 2) will prevent unraveling.

Figure 1

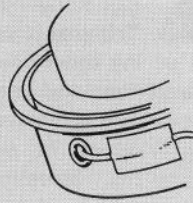
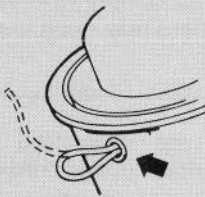


Figure 2



## Operating Instructions



**CAUTION:** Always wear safety glasses or other suitable eye protection and long pants while operating Trimmer.

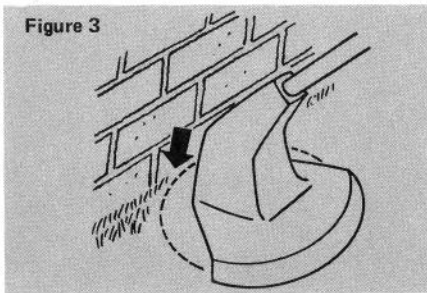
1. Inspect area to be trimmed for any wire, cord or string-like matter which could become entangled in the rotating line.

2. Trim only when grass and weeds are dry.

3. Your Trimmer will cut grass and small weeds in difficult and hard to reach places. However, since this tool provides a totally new method of cutting, you will most likely experience some line breakage during your first few uses. As you learn the trimming techniques, you will be able to cut areas around trees, shrubs, foundation walls, along fences, sidewalks, patios, etc., with minimal line fatigue or line breakage.

4. (Fig. 3) **DO NOT FORCE THE UNIT.** Allow the very *tip* of the nylon line to do the cutting (especially along walls). Cutting with more than the tip will reduce cutting efficiency and over-  
d the motor.

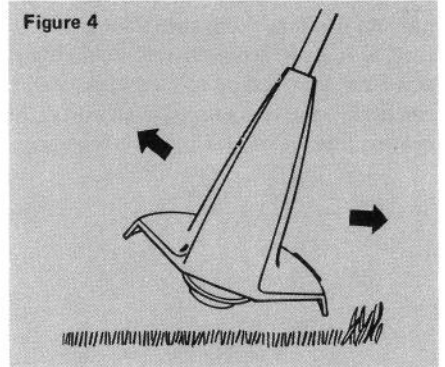
Figure 3



5. Whenever possible cut to your left. When cutting to the left, the unit's cutting efficiency is somewhat better since the

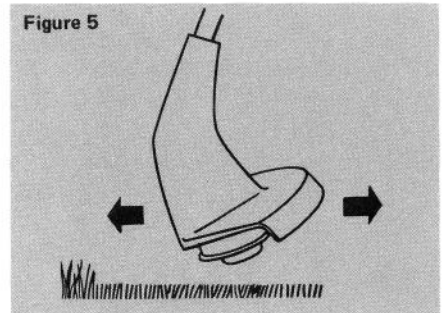
line is contacting the grass as soon as it leaves the guard, and the clippings are moving away from the operator.

Figure 4



6. (Figures 4 & 5) Slowly move unit into and out of area being cut, maintaining unit at desired cutting height. This can be either a forward-backward or side-to-side motion.

Figure 5



7. Grass in excess of 200mm tall or small weeds should be cut by working from the top to the bottom in small increments to avoid premature line wear.

8. The life of your cutting line is dependent upon following the above trimming techniques, as well as what is being cut, and where the cutting is being

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## Operating Instructions (continued)

done. For example, line will wear faster when trimming against a foundation wall as opposed to trimming around a tree. Some line breakage will occur from moving too fast, from entanglement with foreign matter, from normal line fatigue, and from attempting to cut thick, stalky weeds in excess of unit's capability. As cutting line wears, for best performance,

lengthen as indicated in Lengthen Cutting Line procedure, page 5.

**9. Never drag the Trimmer spool cap on the ground while trimming. This causes motor overload and spool cap wear.**

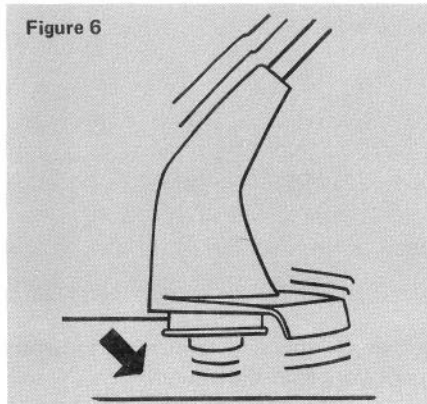
10. Lay out the extension cord so that it won't be in your way and to prevent kinking or tangling.

## Lengthening Cutting Line

Your Trimmer is equipped with an automatic line feeding device so the line can be lengthened **WITHOUT STOPPING THE MOTOR**. Simply tap the Trimmer once on the ground **WHILE THE MOTOR IS RUNNING** and line will automatically lengthen and be cut to the proper length.

1. (Fig. 6) To lengthen line, firmly tap spool on the ground while the motor continues to run. The line will be fed from the spool and cut off to the proper length by the cutting knife attached to the shield.

Figure 6



Remember to keep the Trimmer 'on' while lengthening the line. Just tap the trimmer on the ground; do not hold it on the ground. After the tap and the line has fed out, wait until you hear the line being cut to the proper length before continuing to trim.

**NOTE:** To prevent line tangle, never tap more than once at a time.

2. Your Trimmer comes complete with 15m of cutting line wound onto a spool. After you become familiar with the operation of your Trimmer, you will find the line is easily manageable. Improper use may cause the line to tangle, break, or retract into the spool drum.

To properly advance new cutting line there should be at least 38mm of line extending out through the drum eyelet. Do not attempt to advance line while motor is running if extended line is shorter than 38mm or if it has retracted within the drum area.

**IMPORTANT:** If the line has worn too short...

- A. Unplug Trimmer from extension cord.

- B. Manually depress spool cap while pulling line from eyelet. Approximately 13mm will release. Continue until more than 38mm are extended.

- C. Reconnect to power source and continue trimming.

**IMPORTANT:** If line retracts into drum...

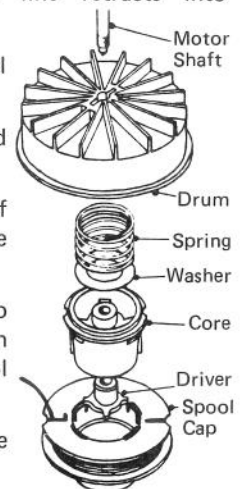
- A. Remove spool cap.

- B. Rewind line and secure in notch.

- C. Feed the end of the line through the drum eyelet.

- D. Snap spool onto core. Be sure to align core tabs with spool window slots.

- E. Pull line free from notch.

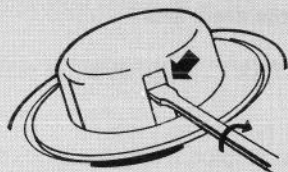


## Replacing Cutting Line

1. To replace cutting line when your factory furnished supply runs out you may purchase replacement line to rewind the empty spool or prewound replacement spools from your Toro Retailer.

**CAUTION:** Always unplug Trimmer from power source before inverting it.

Figure 7



2. (Fig. 7) To remove empty spool, insert widest possible blade screwdriver snugly into one of the two window slots. With screwdriver pressed firmly into window slot twist screw driver 1/4 turn. Spool will snap off.

3. (Fig. 8) To rewind empty spool, follow the steps below:

A. Hook one end of line into groove on spool allowing no more than 3mm of line to protrude. Wind line in direction of

Figure 8

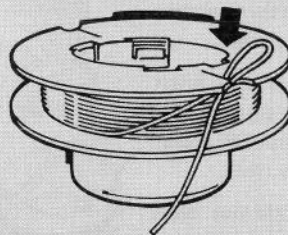


Figure 9

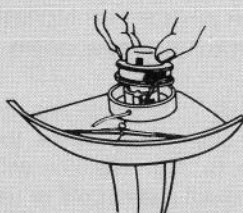
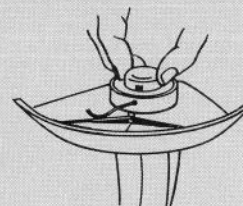


Figure 10



arrows on spool in level rows between spool glances as shown.

B. Do not wind more than 15m of line onto spool. Do not use line over 1.02mm diameter.

C. Keep line tight on spool by making a hook in the line and secure in groove.

**NOTE:** Before reassembly, be sure to thoroughly clean out drum area and visually inspect for any damaged or worn parts.

4. (Fig. 9) Thread end of line through eyelet.

5. (Fig. 10) Place spool over core. Align the core tabs with spool window slots. Snap in place by pushing down on spool until you hear it click.



## General Maintenance

⚠ Always be sure your Trimmer is unplugged before attempting any maintenance.

2. To keep the exterior clean, just wipe it off with a damp cloth — never hose it down.

3. Wipe or scrape clean the drum and spool area any time there is an accumulation of dirt or cuttings.

4. Check and tighten all fasteners. If any part is damaged, repair or replace it.

5. Air outlet vent is located on underside of shield (see Figure 11). Scrape vent clean regularly.

Figure 11

