



MODEL NO. 51325-1000001
thru 6000000 & Up

**OPERATOR'S
MANUAL**

TORO® TRIMMER 1100

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. Be thoroughly familiar with proper use of the Trimmer.
2. Never allow children to operate the Trimmer. It is not a toy. Never allow adults to operate unit without first reading the Operator's Manual.
3. Always wear safety goggles or other suitable eye protection.
4. Never operate the Trimmer in wet or damp conditions.
5. Do not use in rain.
6. Keep area of operation clear of all persons, particularly small children and pets.
7. Dress properly — Do not wear loose clothing or jewelry. They can be caught in moving parts. Always wear substantial footwear and long pants.
8. Use the right appliance — Do not use the appliance for any job except that for which it was intended.
9. To prevent electric shock, use only an extension cord suitable for outdoor use. Replace damaged extension cord immediately.
10. Extension cord — To prevent disconnection of the power supply cord from the extension cord during operation, properly connect extension cord with pigtail power cord.
11. Avoid unintentional starting — Do not carry plugged-in Trimmer with finger on switch.
12. Don't abuse cord — Never yank cord to disconnect from receptacle. Keep cord away from heat, oil and sharp edges. Replace damaged cords.
13. Don't force the Trimmer — It will do the job better and safer at the rate for which it was designed.
14. Always be sure of your footing; keep a firm hold on the handle and walk, never run.
15. Stop the motor and unplug the supply cord whenever you leave the Trimmer, before cleaning the housing and when making any repairs or inspections.
16. When not in use, store your Trimmer in a dry place out of the reach of children.
17. Keep all fasteners tight to be sure the Trimmer is in safe working condition.
18. Never operate without proper guards or other protective safety devices in place.
19. Do not put hands or feet near or under rotating parts. Keep clear at all times.
20. If the Trimmer should start to vibrate abnormally, stop the motor and check immediately for the cause. Vibration is generally a warning of trouble.
21. Do not operate your TORO Trimmer after it has been dropped or damaged. Return it to your nearest authorized service dealer for inspection and repair.
22. When servicing use only identical replacement parts. Replace or repair damaged cords.

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Assembly Instructions

Install Support Handle

1. Remove and discard shipping bushings inserted in upper and lower handle tubes. Inspect the open internal wiring, if damaged do not assemble; contact your service dealer.
2. Slide support handle over open internal wiring and position on upper tube (Fig. 1).

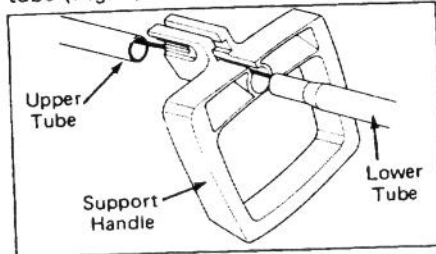


Figure 1

3. Fit carriage bolt through support handle and secure to upper tube by tightening black knob (Fig. 2).

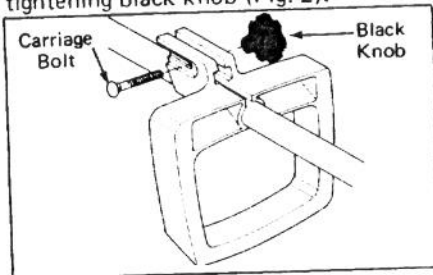


Figure 2

Attach Upper to Lower Tubes

⚠ WARNING: Do not FORCE upper and lower handle tubes together. Extreme pressure may damage wires.

1. Wiring harness is flexible. Form loop (Fig. 3). Insert upper loop in upper tube. Insert lower loop in lower tube. Fit upper tube over lower tube and align screw holds.

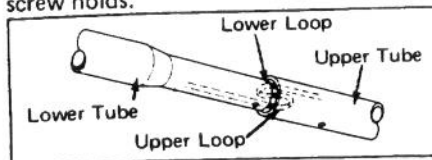


Figure 3

NOTE: Internal wiring may interfere with installation of capscrews. Using alignment pin (included in loose parts bag), carefully route internal wiring away from aligned holes (Fig. 4).

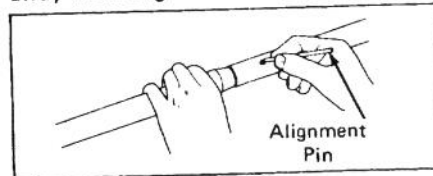


Figure 4

2. Secure with capscrew and locknut and tighten until all play between tubes is eliminated (Fig. 5).

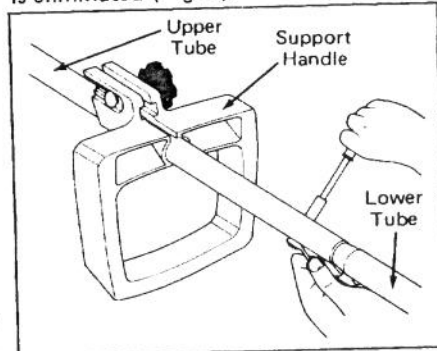


Figure 5

3. Support handle may now be adjusted to desired operating position by loosening black knob, sliding handle to desired height and retightening (Fig. 2).

Installing Grass Shield

⚠ CAUTION: Cutting knife on grass shield is sharp and care should be taken when handling shield.

1. Place grass shield over trimmer head assembly.

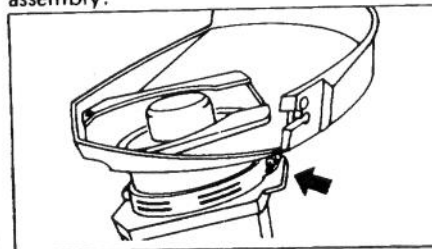


Figure 6

Assembly Instructions (cont.)

2. Tilt grass shield so that back side of shield is under locking shelf.

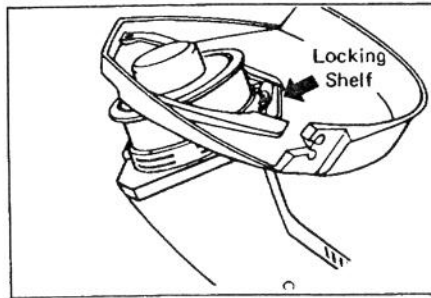


Figure 7

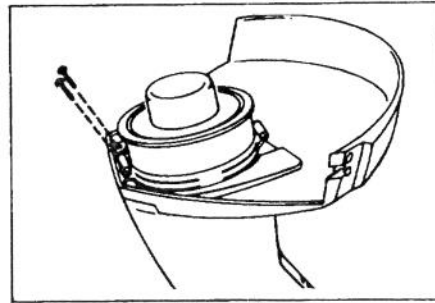


Figure 8

3. Push front side of grass shield down and align screw holes. Tighten with screws.
4. Remove tape from cutoff blade.

CAUTION: Grass shield should be kept on Trimmer to prevent foreign material or debris from being thrown into operator zone.

Before Operating

Cutting Line

NOTE: The cutting line for your Trimmer is a special monofilament line. Your Trimmer comes complete with a 50 foot supply of this line already wound onto the spool.

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 (Fig. 9).

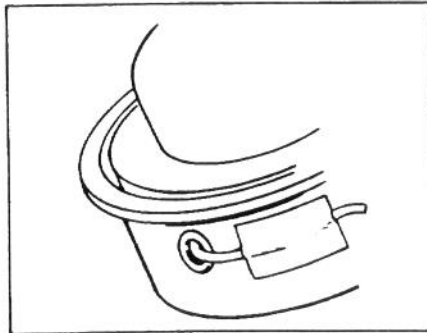


Figure 9

Securing Pigtail Power Cord

NOTE: The proper extension cord is a requirement for safe and efficient use of your Toro 1100 Trimmer. Use only a U.L. listed extension cord or equivalent cord, recommended for outdoor use with a maximum length of 100 feet (minimum 16 gauge).

1. Secure the pigtail power cord and a suitable extension cord as shown in figure 10.

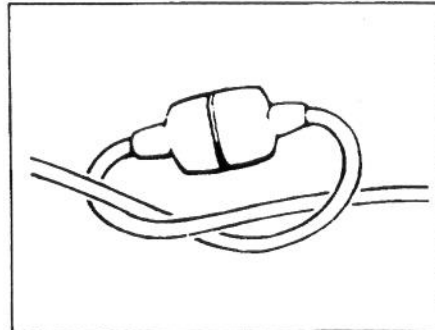


Figure 10

Operating Instructions



CAUTION: Always wear safety goggles or other suitable eye protection, long pants and shoes while operating Trimmer.

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.

1. Inspect area to be trimmed for any wire, cord or string-like matter which could become entangled in the rotating line.
2. Lay out the extension cord so that it won't be in your way and to prevent kinking or tangling.
3. Trim only when grass and weeds are dry.
4. 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 (Figs. 11 & 12).

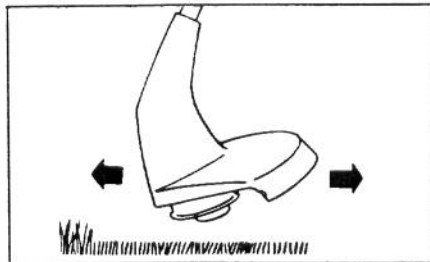


Figure 11

5. Grass in excess of 8 inches tall or small weeds should be cut by working from the top to the bottom in small increments to avoid premature line wear.

6. 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.

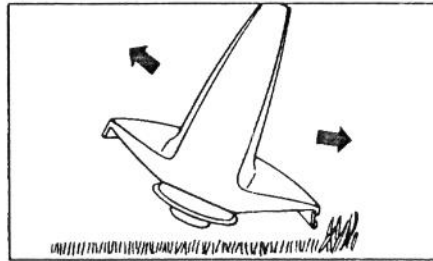


Figure 12

7. 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 overload the motor (Fig. 13).

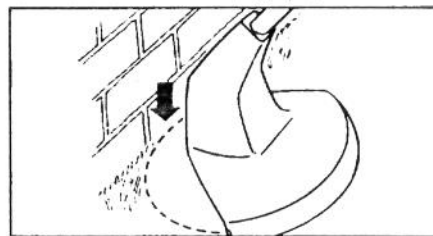


Figure 13

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 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 unit 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 Lengthening Cutting Line procedure.

Operating Instructions (Continued)

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

10. After each use, either retape or loop the line through the eyelet (see figure 14) to prevent unraveling.

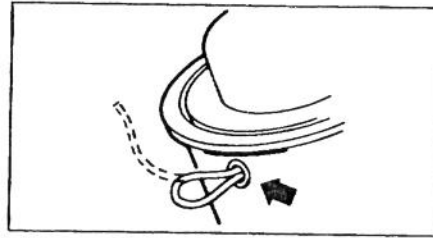


Figure 14

Lengthening Cutting Line

1. 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 (Fig. 15).

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 been 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. Lengthen line only when line has been shortened by wear. Unnecessary lengthening will waste line.

NOTE: The spool cap may wear during normal use of the line advance feature and may require occasional replacement. Spools rewound with 50 feet of cutting line are available through your Toro retailer.

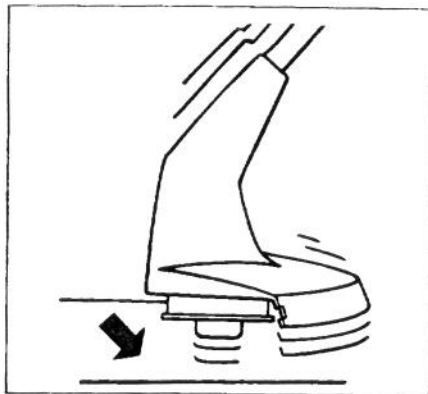


Figure 15



CAUTION: Use only .065" dia. nylon monofilament cutting line.

Replacing Cutting Line

Replacement line or prewound replacement spools can be purchased from your local TORO retailer. The cutting line used by TORO is specially formulated for use on your trimmer. Other line may not provide the same high quality performance.



CAUTION: Always be sure cutting head has completely stopped rotating before inverting it.

2. To remove empty spool, insert widest possible blade screw driver snugly into one of the two window slots. With screw driver pressed firmly into window slot twist screw driver 1/4 turn. Spool will snap off (Fig. 16).

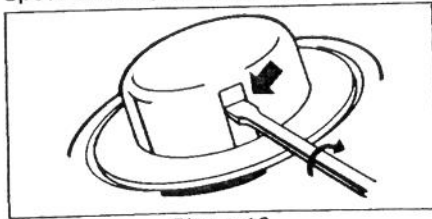


Figure 16

3. To rewind empty spool, follow the steps below:

- A. Hook one end of line into groove on spool allowing no more than 1/8 inch of line to protrude. Wind line in direction of arrows on spool in level rows between spool flanges (Fig. 17).

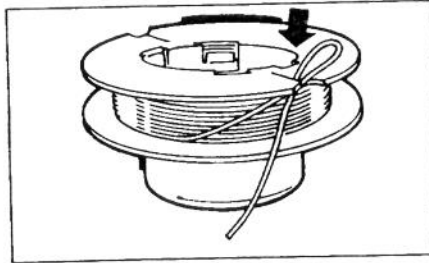


Figure 17

- B. Do not wind more than 50 feet of line onto spool. Do not use line over .065" diameter.

- C. Keep line tight on spool by making a hook in the line and secure in groove (Fig. 17).

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

- D. The spool and the core are keyed. Be sure they are properly aligned when putting spool back on. Thread end of line through eyelet, place spool on keyed core and push in place until you hear it click. Pull line free from groove in spool. Unwind no more than three inches from spool (Fig. 18).

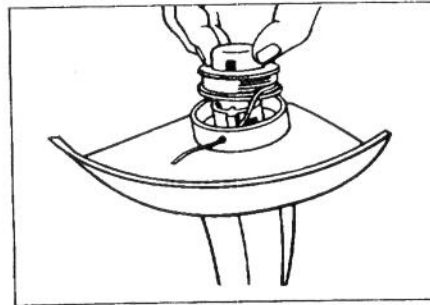


Figure 18

4. If line should tangle or break at eyelet, refeed cutting line through eyelet by pushing spool in as far as it will go and threading line back through eyelet. Or you may remove spool completely, refeed the line through the eyelet and reassemble spool to Trimmer (Fig. 19).

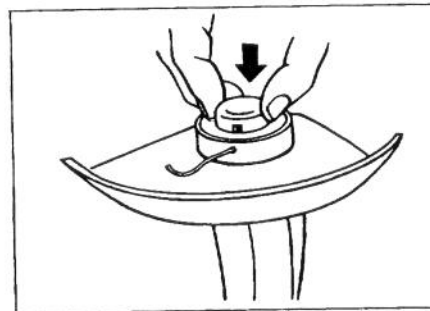


Figure 19

General Maintenance

1. Always be sure your Trimmer is unplugged and stopped 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 exhaust vent is located on underside of shield. Scrape vent clean regularly.
6. Wipe debris away from air intake holes in motor housing.

IMPORTANT: Keeping intake and exhaust vents free of grass and debris, will help prevent motor overheating and possible failure.

7. Any other servicing should be performed by an authorized Toro Service Dealer.

Identification and Ordering

The Trimmer has two identification numbers: a model number and a serial number. The two numbers are stamped into a plate attached to the handle tube assembly. In any correspondence concerning the Trimmer, supply the model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an

Authorized TORO Service Dealer, supply the following information.

1. Model and serial numbers of the Trimmer.
2. Part number, description and quantity of part(s) desired.

NOTE: Do not order by reference number if a parts catalog is being used; use PART NUMBER.

Accessories

Part No.	Description
33-7930	Prewound Spool
29-7380	Empty Spool
33-7910	50' Coil — .065 Cutting Line

THE TORO PROMISE
TORO TRIMMER/WEEDER
A FULL ONE YEAR WARRANTY

The Toro Company warrants your TORO Product against defects in material or workmanship. During the warranty period, Toro will, at its option, replace a defective product with a new or rebuilt unit, or will repair or replace any defective parts. The following time periods from the date of purchase apply:

Residential. 1 Year
Residential Products Used Commercially 45 Days

The cost of replacement or repair is included, but the customer pays the transportation costs.

Should you feel your TORO Product is defective and wish to rely on The Toro Promise, you may return it to:

1. The original place of purchase
- OR
2. A TORO Electrical Service Dealer
- OR
3. The Toro Service Center
21350 Cedar Ave. So.
Lakeville, MN 55044
(Postage Prepaid)

Upon return of your unit to one of the above, it will be inspected and you will be advised whether the product is defective. If defective, arrangements will be made for repair or replacement without extra charge to you.

If for any reason you are dissatisfied with the analysis of the defect or the service performed, you may contact us.

Write: TORO Customer Service Department
8111 Lyndale Avenue South
Minneapolis, MN 55420

THERE IS NO OTHER EXPRESS WARRANTY

THE TORO COMPANY IS NOT LIABLE FOR INDIRECT OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF THE PRODUCT.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This Warranty applies only to parts or components which are defective and does not cover repairs necessary due to normal wear, misuse, accidents, or lack of proper maintenance. Regular, routine maintenance of the unit to keep it in proper operating condition is the responsibility of the owner.

All warranty repairs reimbursable under The Toro Promise must be performed by a TORO Electrical Service Dealer using Toro approved replacement parts.

Repairs or attempted repairs by anyone other than a TORO Electrical Service Dealer are not reimbursable under The Toro Promise. In addition, these unauthorized repair attempts may result in additional malfunctions, the correction of which is not covered by warranty.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their TORO Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any reason you are dissatisfied

with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.