Model 51218

Form No. 3320-210 Rev. A

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

Haven't you done without a Toro long enough?™



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



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The Toro Company — 1979, Rev. 1980
MINNEAPOLIS, MN 55420 – U.S.A.

TORO TRIMMER MODEL 51218

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. 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 glasses 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 shock hazard, use only with an extension cord suitable for outdoor use. You may obtain extension cords from your TORO retailer.

10. Extension cord – to prevent disconnection of the power supply cord from the extension cord during operation, properly connect extension cord to 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.

Before Operating

Your Toro 900 Trimmer comes fully assembled in the box. You need no tools. Free the cutting line and secure the pigtail power cord to a suitable extension cord as directed below. 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 50 foot 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.

Figure 1

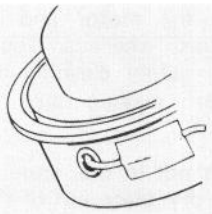
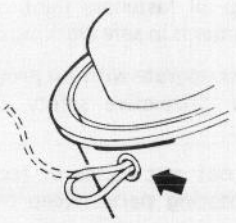


Figure 2



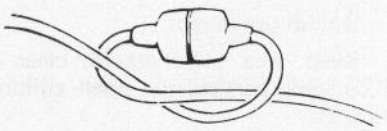
2. After each use, either retaping or looping the line through the eyelet (see figure 2) will prevent unraveling.

Securing Pigtail Power Cord

NOTE: The proper extension cord is a requirement for safe and efficient use of your Toro 900 Trimmer. Use only a U.L. - C.S.A. listed extension 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 3.

Figure 3



Operating Instructions

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

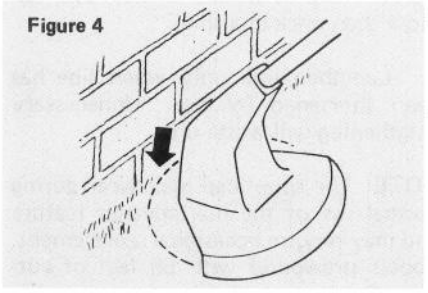
1. Inspect area to be trimmed for any wire, cord or string-like matter which could become entangled in the rotating line.

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 fatique or line breakage.

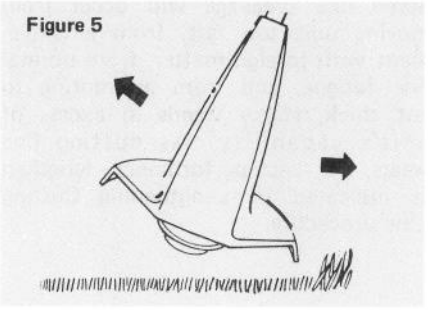
4. (Fig. 4) DO NOT FORCE THE UNIT. Allow the very *tip* of the nylon line to do the cutting (especially along walls). Cutting with more than the tip will reduce cutting efficiency and overload the motor.

Figure 4



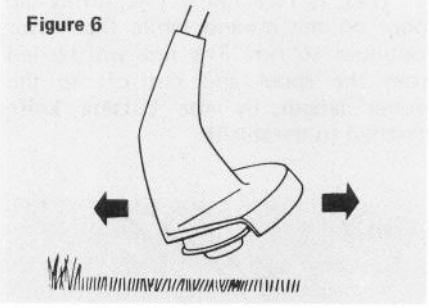
Whenever possible cut to your left. When cutting to the left, the unit's cutting efficiency is somewhat better since the line is contacting the grass as soon as it leaves the guard, and the clippings are moving away from the operator.

Figure 5



6. (Figures 5 & 6) 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 as indicated.

Figure 6



7. 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.

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.

Operating Instructions (continued)

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.

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. 7) 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.

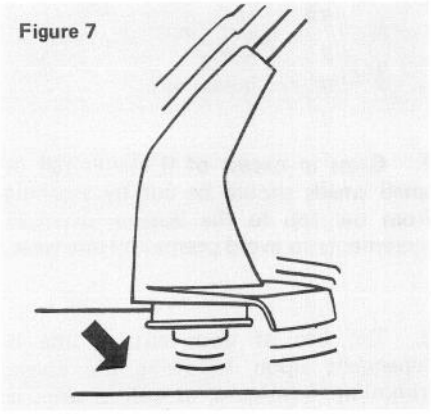


Figure 7

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 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. 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 prewound with 50 feet of cutting line are available through your Trimmer retailer or directly from T' Toro Company Outdoor Applia Division.

Replacing Cutting Line

1. Replacement line or prewound replacement spools can be purchased from your local TORO retailer or directly from THE TORO COMPANY. 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. (Fig. 8) 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.

Figure 8

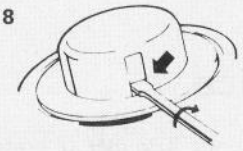


Figure 9

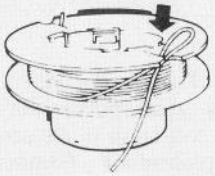


Figure 10

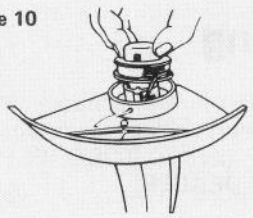
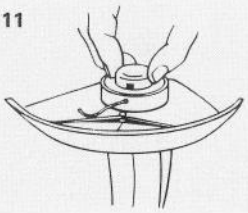


Figure 11



3. (Fig. 9) 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 as shown.

B. Do not wind more than 50 feet of line onto spool. Do not use line over .040" 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.

D. (Fig. 10) 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.

4. (Fig. 11) 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.

General Maintenance

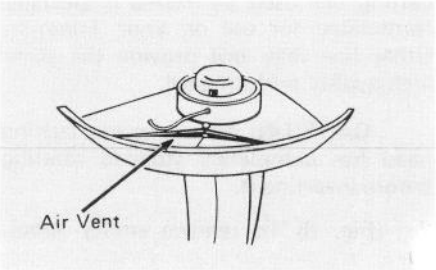
1. Always be sure your Trimmer is stopped before attempting any maintenance.

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 outlet vent is located on underside of shield. Scrape vent clean regularly.



Warranty Service

A copy of the Full One Year Warranty covering your Trimmer is presented in this manual. Should you feel your Toro Trimmer is defective and wish to have it repaired or replaced in accordance with this Full One Year Warranty, please follow the procedure below:

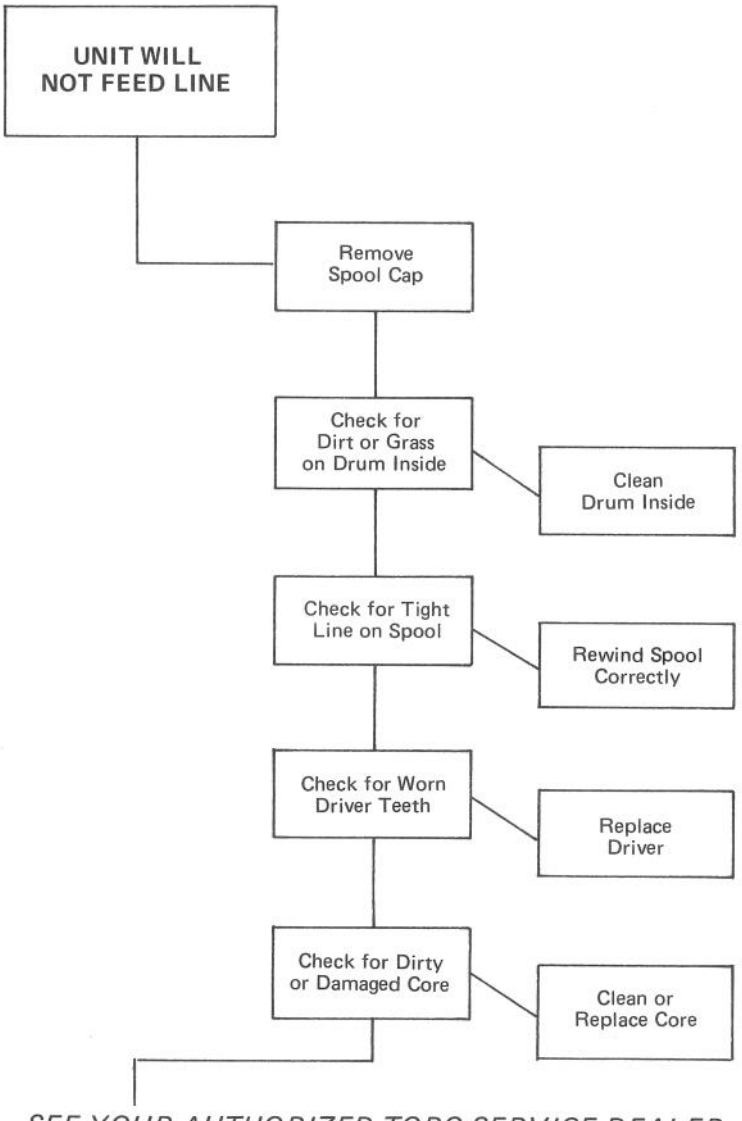
Return the Trimmer to the dealer who sold it to you or any Toro Electric Service Dealer. Remember to have a copy of your original sales slip or other evidence of purchase date along with you. The retailer will inspect the unit, advise you whether the product is defective, and if so make arrangements for a replacement Trimmer or appropriate service.

Trouble Shooting

On the following page you are provided a brief trouble shooting guide that will assist you in finding and correcting minor problems.

Should the problem continue after following the prescribed recommendations, see your nearest TORO ELECTRIC SERVICE DEALER.

Trouble Shooting



SEE YOUR AUTHORIZED TORO SERVICE DEALER.

TORO FULL ONE YEAR WARRANTY

The Toro Company promises to repair or replace at our option, any Toro Trimmer used residentially if defective in materials or workmanship one year from the date of purchase. The cost of the replacement unit is included, but the customer is responsible for the return of the product to the selling dealer. This product is not warranted if used commercially. This warranty gives you specific rights, and you may have other rights which vary from country to country.