

TORO[®]

1100 Heavy Duty Trimmer/ Weeder



- Fully-Automatic Line Feed
- Light Weight for Easy Handling
- Full One Year Warranty
- Both Trims and Edges
- 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 51317
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 with an extension cord suitable for outdoor use that is properly connected with the power cord set.

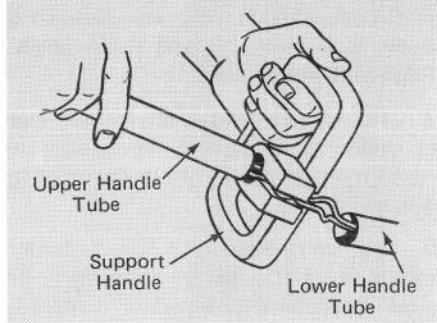
4. Keep area of operation clear of other persons.
5. Do not use in the rain or operate in wet or damp conditions.
6. Do not abuse cord — never yank cord to disconnect from receptacle. Keep cord away from heat, oil and sharp edges. Replace damaged cord.
7. Do not put hands, feet, or face near or under 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.

Assembly Instructions

INSTALL SUPPORT HANDLE

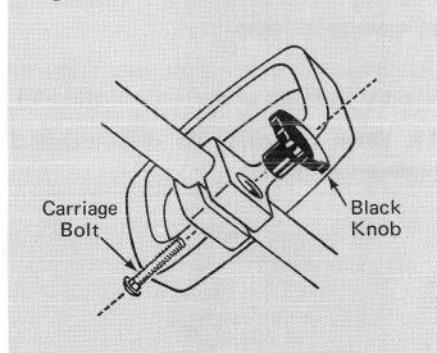
1. Remove plastic shipping inserts from both the upper and lower handle tubes.
2. Inspect wiring for shipping damage. If damaged do not assemble.

Figure 1



3. Slide support handle over open internal wiring and position on upper handle tube (Fig. 1).

Figure 2



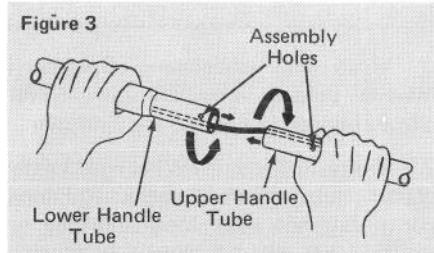
4. Fit carriage bolt through support handle and secure to upper handle tube by tightening black knob (Fig. 2).

ATTACH UPPER AND LOWER HANDLE TUBES

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

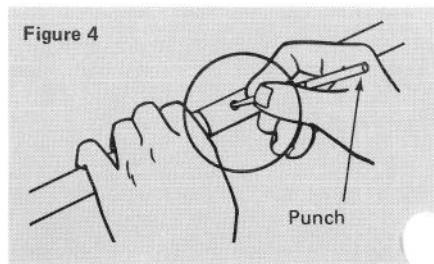
1. Align upper handle tube over lower handle tube. Push together with a twist or rotating motion (Fig. 3).
2. When both handle tubes are fully together, align the assembly holes.

Figure 3



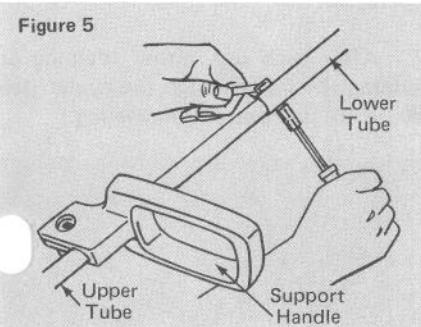
NOTE: Internal wiring may interfere with installation of capscrew. With blunt object such as a punch, carefully route internal wiring away from aligned holes (Fig. 4).

Figure 4



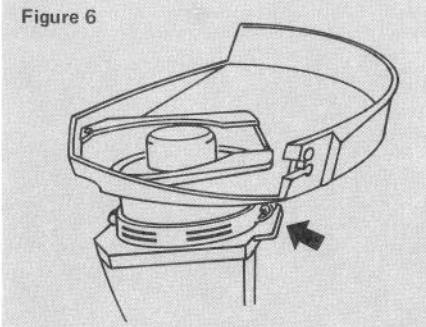
Assembly Instructions (Continued)

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



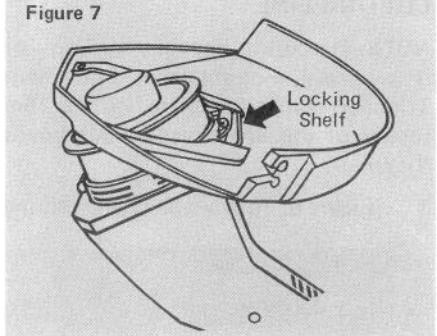
4. Support handle may now be adjusted to desired operating position by loosening black knob, sliding handle to desired height and retightening (Fig. 2).

INSTALLING GRASS SHIELD



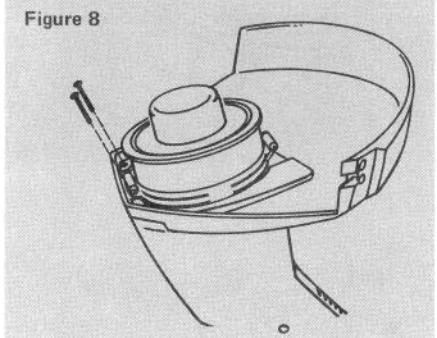
1. Place grass shield over Trimmer head assembly.

Figure 7



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

Figure 8



3. Push front side of grass shield down and align screw holes. Tighten with screws.

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

NOTE: Cutting knife is sharp and care should be taken when handling shield.

Before Operating

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 9) 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 10) will prevent unraveling.

Figure 9

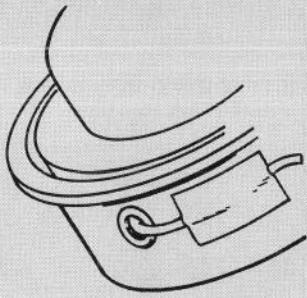
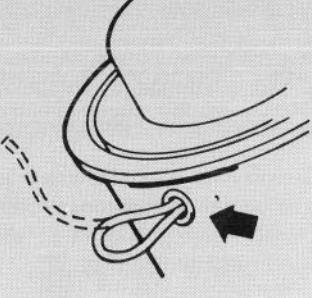


Figure 10



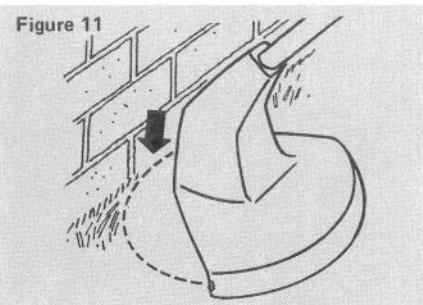
Operating Instructions

⚠ 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. 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.

3. (Fig. 11) 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.



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.

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 (Figs. 12 & 13).

Figure 12

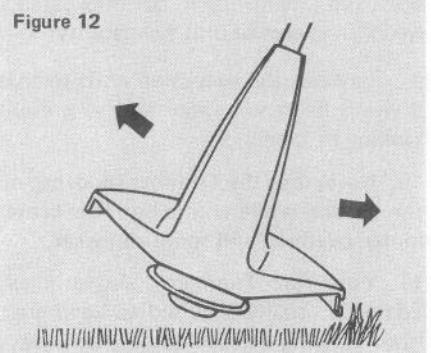
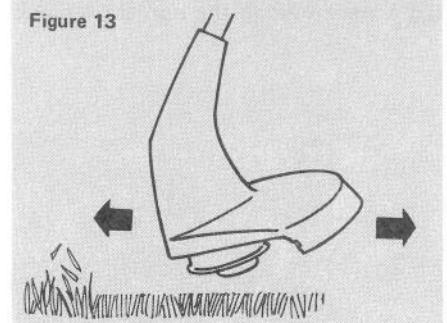


Figure 13



6. 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.

7. Trim only when grass and weeds are dry.

8. The life of your cutting line is dependent upon following the preceding trimming techniques, as well as what is being cut, and where the cutting is being done. EXAMPLE: line will wear faster

Operating Instructions (Continued)

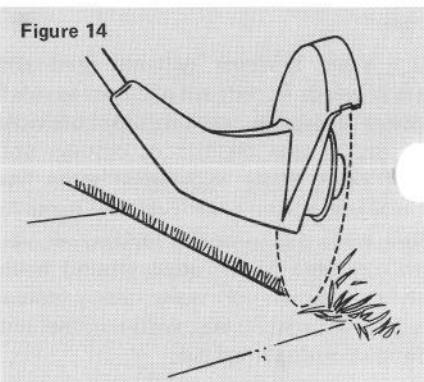
when run against a foundation wall as compared to trimming around a tree. Some line breakage will occur from moving too fast, from entanglement with foreign matter, from normal line fatigue, and from attempting to cut thick, stalky weeds in excess of unit's capability.

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

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

11. Your Toro Trimmer is also an edger. Edging is usually required to keep grass from growing over sidewalks, driveways and curbs. The old way to edge was to dig a trench along the border. A quick

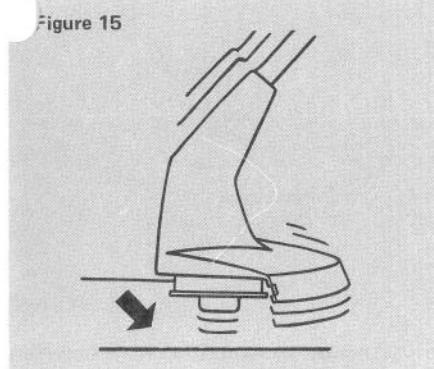
way to edge is with your Toro Trimmer. Let your grass grow over the trench and use the Trimmer to remove the grass off the driveway by trimming along the top of the pavement.



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 15) 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.



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.

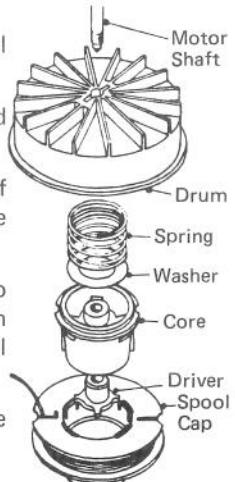
To properly advance new cutting line there should be at least 38mm of line extending out through the drum eyelet. Do not attempt to advance line while motor is running if extended line is shorter than 38mm or if it has retracted within the drum area.

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.

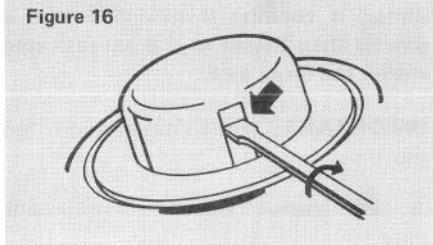


Replacing Cutting Line

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 16



2. (Fig. 16) 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. 17) 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

Figure 18

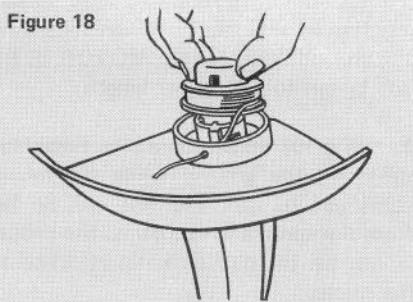
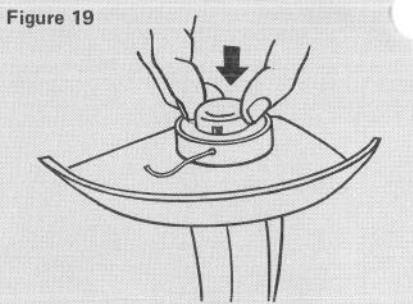


Figure 19



of arrows on spool in level rows between spool flanges as shown.

B. Do not wind more than 15m of line onto spool. Do not use line over 1.651mm diameter.

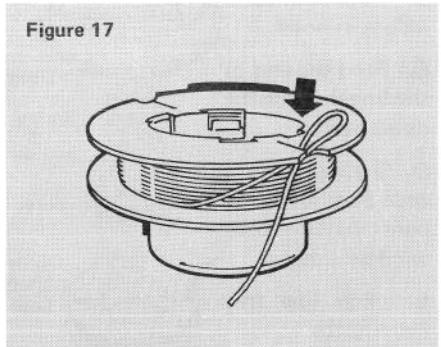
C. Keep line tight on spool by making a hook in the line and secure in groove.

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

4. (Fig. 18) Thread end of line through eyelet.

5. (Fig. 19) 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.

Figure 17



General Maintenance

1. **⚠** Always be sure your Toro Trimmer is unplugged before attempting any maintenance.
2. To keep the exterior clean, just wipe it off with a damp cloth — don't ever hose it down.
3. Wipe debris away from air intake holes in housing.
4. Wipe or scrape clean the spool area anytime there is an accumulation of dirt or cuttings.
5. Check and tighten all fasteners. If any part is damaged, repair or replace it.

