

MODEL 51214-1000001 & UP  
MODEL 51321-1000001 & UP

AUSTRALIA FORM NO. 3320-310

**TORO**®

# 900/1100 Trimmer Weeder



- Fully-Automatic Line Feed
- Light Weight for Easy Handling
- Both Trims and Edges
- Heavy Duty Motor
- TORO Quality

1100  
Model Shown



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 51214 AND 51321

# 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 alert 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 pigtail power cord (pg. 4 - Fig. 10).
4. Keep area of operation clear of other persons.

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

6. Do not abuse cord — never yank extension 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. Switch off, 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 your Toro Trimmer is being serviced, ask for only identical Toro replacement parts.

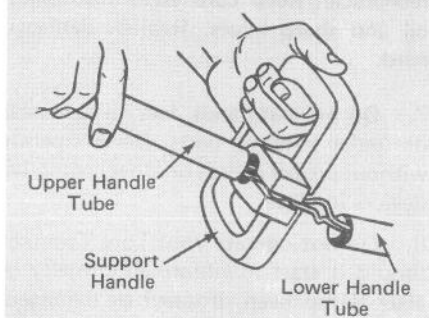
## Assembly Instructions

(51321 - 1100 ONLY)

### INSTALL SUPPORT HANDLE

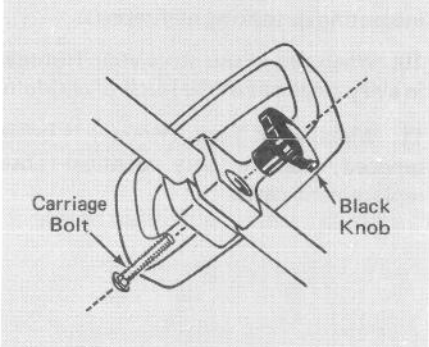
1. Remove plastic shipping inserts from both the upper and lower handle tubes.
2. Inspect wiring for shipping damage. If damaged do not assemble.

Figure 1



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

Figure 2



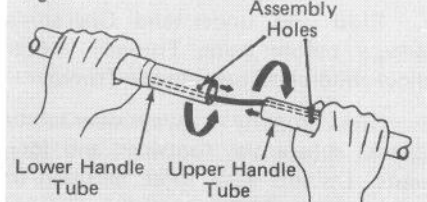
4. Fit carriage bolt through support handle and secure to upper handle tube by tightening black knob (Fig. 2).

### ATTACH UPPER AND LOWER HANDLE TUBES

**⚠ WARNING:** Do not FORCE upper and lower handle tubes together. Extreme pressure may damage wires. Damaged wires may cause personal injury during operation.

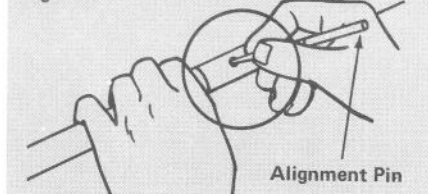
1. Align upper handle tube over lower handle tube. Push together with a slight back and forth twisting or rotating motion (Fig. 3).
2. When both handle tubes are fully together, align the assembly holes.

Figure 3



**⚠ WARNING:** Internal wiring may interfere with installation of capscrew. Using alignment pin (included in loose parts bag), carefully route internal wiring away from aligned holes (Fig. 4). Damaged wires may cause personal injury during operation!

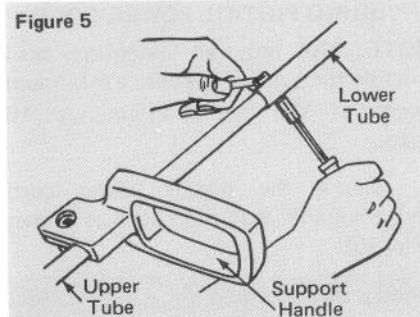
Figure 4



## Assembly Instructions (Continued)

Secure handles with capscrew and rocknut, tighten until all movement between tubes is eliminated (Fig. 5).

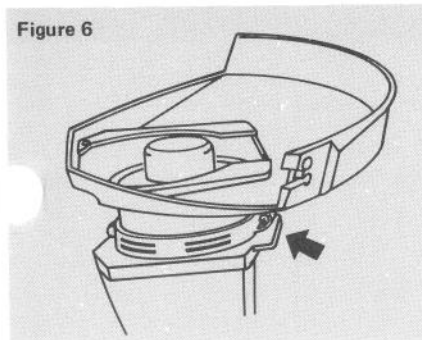
Figure 5



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 (51321-1100 ONLY)

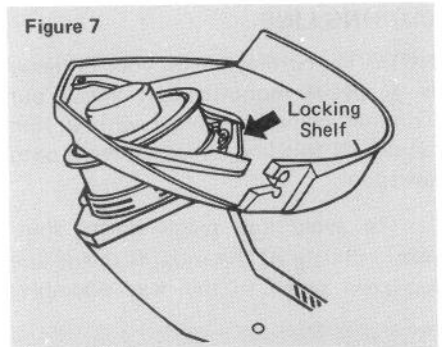
Figure 6



**IMPORTANT:** The grass shield with cutting knife must be installed to cut line to proper operating length.

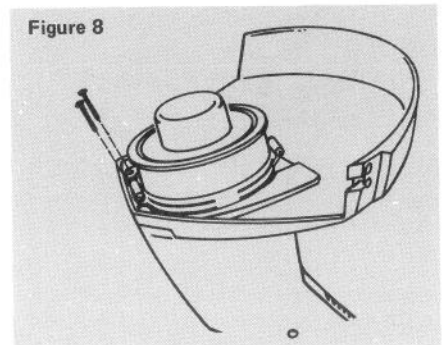
1. Place grass shield over Trimmer head assembly.

Figure 7



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

Figure 8



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

**CAUTION:** Grass shield should be kept on Trimmer to prevent foreign material or debris from being thrown into operator zone. Cutting knife is sharp and care should be taken when handling shield.

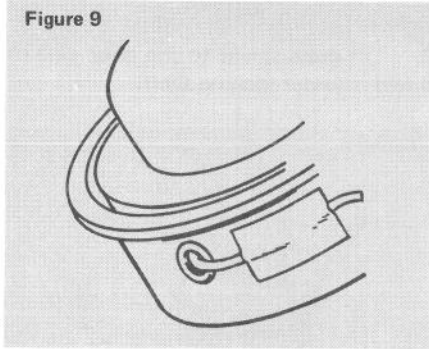
## Before Operating

### 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. To avoid line tangle during shipment, the tip of the monofilament line has been taped to the head assembly.

Figure 9



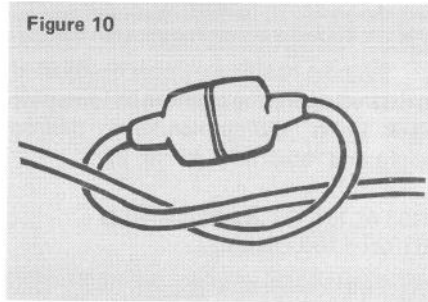
The tape must be removed before operation (Fig. 9).

### SECURING PIGTAIL POWER CORD

**NOTE:** Use only an extension cord suitable for outdoor use with a maximum length of 100 feet and minimum 16 gauge.

1. Secure the pigtail power cord and a suitable extension cord as shown (Fig. 10).

Figure 10



## Operating Instructions

Our 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

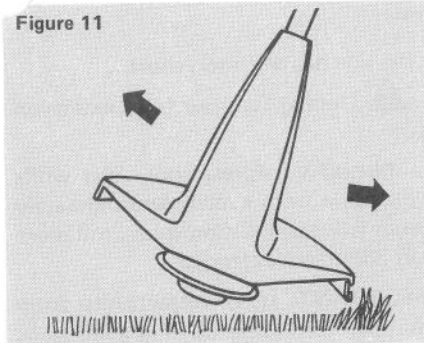
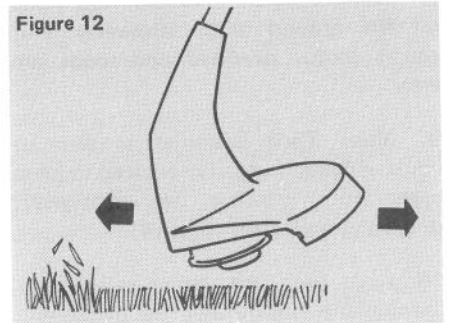
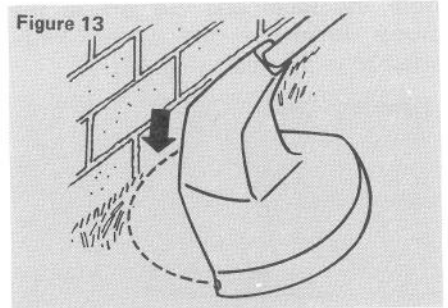


Figure 12



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.
6. Grass in excess of 20cm tall or small weeds should be cut by working from the top to the bottom in small increments to avoid premature line wear.
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



## Operating Instructions (Continued)

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

9. Your Toro Trimmer is also an edger. Edging is usually required to keep grass from growing over sidewalks, driveways and curbs (Fig. 14).

10 After each use, either retaping or looping the line through the eyelet will prevent unraveling (Fig. 15).

Figure 14

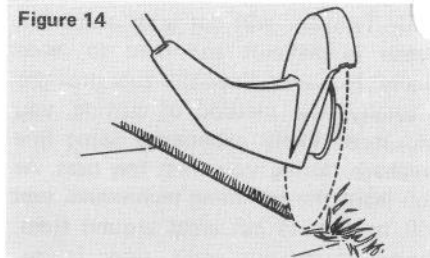
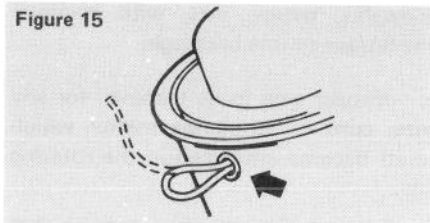


Figure 15



## Lengthening Cutting Line

Your Trimmer is equipped with an automatic line feeding device so the line can be lengthened WITHOUT STOPPING THE MOTOR.

1. To lengthen line, firmly tap spool on the ground once 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. 16).

Figure 16



**NOTE:** To prevent line tangle, never tap more than once at a time and do not hold the trimmer on the ground.

2. To properly advance new cutting line there should be at least 38mm of line extending out through the drum eyelet.

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.

**IMPORTANT:** If line retracts into drum refer to "Replacing Cutting Line steps 3c, 4 and 5".

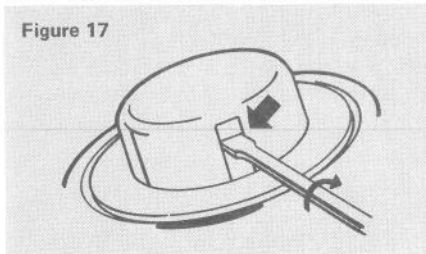


## Replacing Cutting Line

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 17



2. 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 (Fig. 17).

3. To rewind empty spool, follow the steps below (Fig. 18):

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

Figure 18

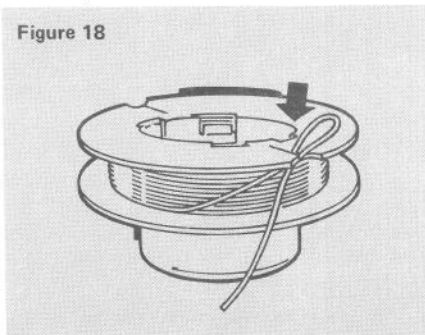


Figure 19

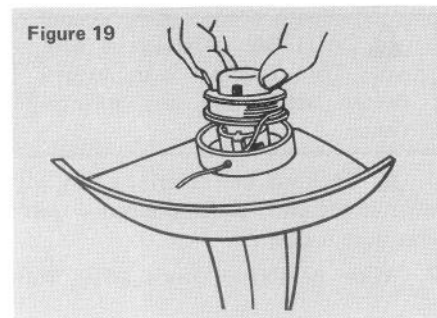
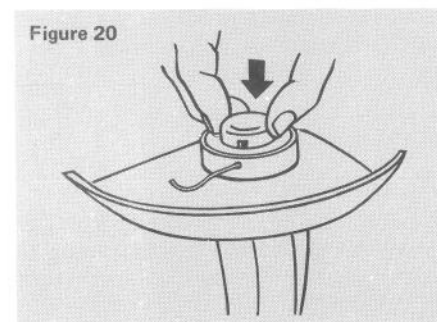


Figure 20



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 1.65mm 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. Thread end of line through eyelet (Fig. 19).

5. 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 (Fig. 20).

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## General Maintenance

**⚠ CAUTION:** Always be sure your Toro Trimmer is unplugged before attempting any maintenance.

1. **⚠** To keep the exterior clean, just wipe it off with a damp cloth — don't ever hose it down.

2. Wipe or scrape debris away from

air intake holes on side of housing and air exhaust holes on the bottom of housing.

3. Wipe or scrape clean the spool area anytime there is an accumulation of dirt or cuttings.

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



