

# TRIM-A-LAWN<sup>®</sup>

## OWNER'S MANUAL MODEL 154950 BW

See also Model WT1001S

### Service and Parts

This manual contains instructions for the proper use and maintenance of your trimmer. For service other than that covered in this manual, contact an authorized service dealer. To re-order parts, cutting line or other accessories contact your local dealer.

### Limited Warranty

This trimmer is warranted to be free of defects in material and workmanship for a period of two years after the date of purchase. This warranty does not include the engine, which is warranted by the manufacturer. Under normal use, parts of workmanship found defective will be replaced or repaired without charge to the customer. Delivery and pickup are not part of this warranty. Unauthorized alterations or the use of parts not of our manufacture or design may affect product performance and void this warranty. Misuse, damage or neglect is not covered through this warranty. This limited warranty applies for 90 days to commercial or rented machines.

## WELL DONE

Congratulations on your ownership of the Trim-A-Lawn deluxe trimmer, a revolutionary walk-behind trimmer. This trimmer rings in a new era in lawn and estate care. It functions as a conventional line trimmer, cleaning up around foundations, poles and trees



(without scalping) and as a small lawn mower to get the areas that a rider or conventional lawnmower won't

reach. Please take time to read this manual.

## GETTING STARTED

Prior to assembling your unit, you need to ensure that all of the necessary items and parts are in the box. The packet containing this manual should also include an engine manual, a free sample of two-cycle oil, a re-order card and a warranty registration card. Pull out the carton's inner pack and you should find two sets of handles, one with the grip (the upper handle) and one handle with a hole in the middle of the handle (lower handle) as well as four wheels, a package of cutting line and a bag containing the necessary parts to assemble your unit. If parts are missing, call 1-800-721-4852.

## STARTING YOUR MACHINE

Your Trim-A-Lawn deluxe trimmer is

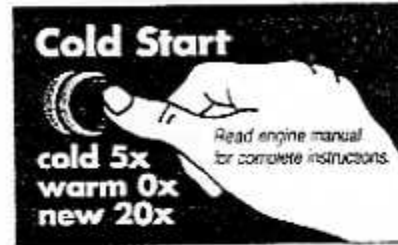


equipped with some easy-to-use features that make using your engine easy to operate. One is an on/off switch located on the back of the engine.

Another key feature is a primer which makes starting your engine easy.

To start your engine, turn the on/off switch to **ON**. Move the throttle control to the middle position and prime the engine utilizing the primer bulb on the engine.

You may have to prime the engine heavily on its first use to start the engine.



Pull the starter cord with brisk strokes until the engine starts and then adjust the speed of the engine by moving the throttle.

An easy method to use to simplify the process of starting the engine is to push the trimmer forward with one hand, while pulling the cord with your other hand. This reduces the strain of having to exert extensive pressure or energy to start the engine.

To turn the engine off, simply turn the on/off switch to the **OFF** position. Remember, do not attempt to start the engine without mixed fuel in the gas tank. Consult the engine manual for details.

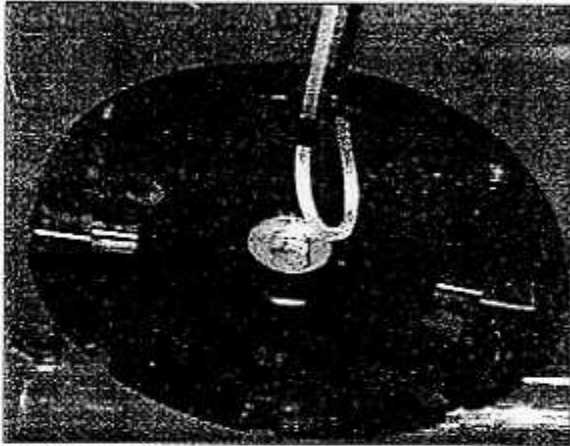
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Your Trim-A-Lawn trimmer is equipped to make tall weeds short in a hurry, blending the elements of power and safety. It also eliminates the need to mess with spools of cutting line.

### CHANGING LINE

Changing the line on your trimmer is an easy process that can be done in a matter



of seconds and save frustration and heartache in the process.

To change lines, simply turn your trimmer on its side, with the gas tank up, and push the line forward out of the channeled area where the line is located on the cutting head. Sometimes heavy use of the line will require you to use a simple tool such as a screwdriver to pry the line loose, allowing you to slide it out of the designated area. To install new line, slide the line through one of the eight holes on the outside of the head, into the designated slide area and then loop (as shown in the picture) and put the line through the round hole near the front of the head. Pull the line through the round hole about  $\frac{1}{4}$ " and then pull tight.



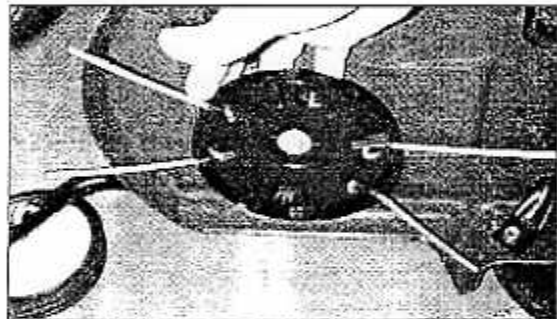
The tri-cut cutting line is one of the most durable cutting lines on the market and is specially designed for use in the Trim-A-Lawn trimmer. The triangular shape

ensures that you always have a sharp cutting edge, allowing you to cut weeds---not merely tear them. This unique cutting line is made through an extrusion process that utilizes specialty resins. As a result, extended exposure of the cutting line to the open air can cause the line to lose its moisture and become brittle. This problem can be resolved by simply soaking the line in water overnight.

Soaking the line in water can double and triple its longevity in some cases.

### MULCHING

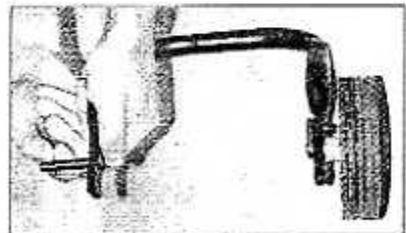
The deluxe trimmer is more than just a great line trimmer, it's an excellent mulching machine as well---especially with leaves in the fall. By adding two extra cutting lines to the cutting head (as demonstrated in the photo below) you can mulch over a grassy area with the simple ease of a push of your



lightweight trimmer. Please note that adding extra cutting lines will add to the trimmer's mulching abilities, but is not recommended for normal use. Additional lines only slow down the engine, instead of improving its capabilities in most cases.

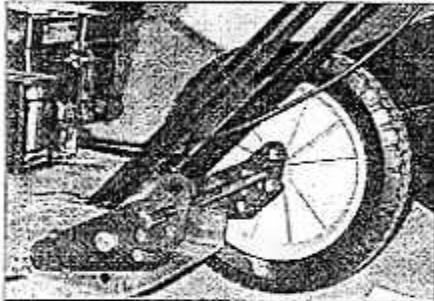
### ADJUSTING THE CUTTING HEIGHT

The deluxe trimmer comes equipped with the ability to adjust the cutting height in both the front and back of the trimmer, ensuring a level cut. The front stabilizer fork (shown in the photo) offers three height adjustments



and the back of the deck also offers three. To adjust the height of the front wheels, simply remove the stub axle and the hair pin clip and move the stub axle through the desired cutting height and slide the wheel into place and then secure with the hair pin clip. Use the same formula for the other side of the fork to ensure the stability of your new cutting height option.

To change the cutting height of the back wheels, simply remove the hair pin clip, washers and wheels in the dual hole axle,

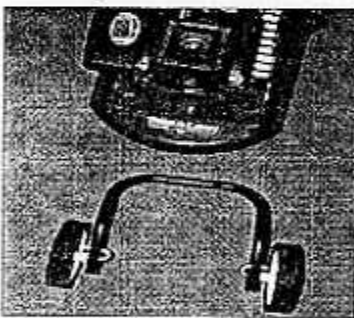


and slide the axle through the desired cutting height, making sure to

line up the washers and wheels, before securing with a hair pin clip. Note from the picture how the axle slides through matching holes in the rear wheel adapters, with your large wheel deluxe trimmer.

### REMOVING THE FRONT FORK

Your deluxe trimmer comes equipped with



the option of removing the front stabilizer fork (the fork that holds the front wheels in place) to allow for special cutting in hard-to-reach

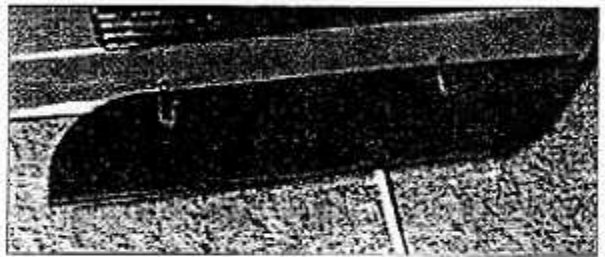
places. Because the cutting line extends beyond the deck in the front and on both sides of the deck, this can be especially effective in cutting along fences or the foundation of a house. To remove the front fork, simply twist the stabilizer knobs off the top of the fork and remove. Take special care to make sure you do not lose the knobs in the process.

Take precaution in using the trimmer in this way to make sure you have the front of the trimmer raised when starting the engine.

### THE DEBRIS GUARD

If properly used, your trimmer will tackle tough jobs without a lot of thrown debris.

Each trimmer has a debris deflector which attaches to the right side of the deck---giving you the flexibility to go along foundations, fences or trees (the guard raises up) and other objects with little or no



thrown debris.

The debris deflector is designed to keep objects from being thrown out of the side of the deck during the operation of the trimmer. Operating the trimmer without the debris deflector will not give you the same results and may be a safety hazard.

### PREPARATION

Your deluxe trimmer will be an efficient yard-care tool given the proper attention to detail with the trimmer and the tasks at hand. Your safety is an ongoing concern at Trim-A-Lawn Corporation. To ensure your safety it is important that you review the following safety recommendations.

#### 1) DRESS FOR THE JOB.

Wear substantial shoes and protective clothing while operating a Trim-A-Lawn trimmer. Use of safety glasses and



hearing protection is also recommended.

## 2) PROTECTION FOR CHILDREN.

Do not allow children in the area when the trimmer is being operated. It is also



recommended that no pre-teenage children be allowed to operate the trimmer. The trimmer is not a toy, and should not be in the hands of someone who might be inclined to use it as such—

—due to its lightweight, easy-to-use nature.

No one should ever put their hands or feet near the cutting head while the trimmer is in operation.

## 3) COMMON SENSE

A. Never operate the trimmer without proper guards, or other safety protective devices in place and properly connected. Inspect all parts on your trimmer to make sure that the safety devices are in place.

B. Thoroughly inspect the area where the trimmer is to be operated and remove all stones, sticks, wire, bones and



other foreign objects. Use of the debris guard on a TAL trimmer reduces the likelihood of thrown objects, but should not be used as an excuse to not prepare the area prior to use.

C. Do not operate the trimmer when barefoot or wearing open sandals. Always wear substantial footwear and long pants.

D. Fill the fuel tank before starting the engine. Do not smoke near an open fuel container. Do not fill the tank indoors or when the engine is running. Allow the engine to cool for at least 10 minutes before refilling. Wipe off any spilled fuel before starting the engine. Do not run the engine indoors.

E. Never attempt to make a cutting height adjustment while the engine is running.

F. Trim in only daylight or good artificial light.

## 4) OPERATION

A. Do not put hands or feet near or under rotating parts. Keep clear of discharge while the engine is running.



B. Stop the engine when crossing gravel drives, walks, or roads, and under any conditions where thrown objects might be a hazard.

## TRIMMER STORAGE

Before storing your trimmer for an extended period of time, please do the following:

1. Clean the trimmer thoroughly, especially the air filter atop the engine and under the gas tank (requires you to remove the plate).

2. Inspect the trimmer for worn or damaged parts. Tighten any loose bolts or nuts.

3. Store the trimmer with the wheels down in an operating position. (Note the trimmer can easily be stored on a hook or nail on a wall).



4. A yearly check-up or tune-up by a qualified repairman is a good way of being sure that your trimmer will provide maximum performance for the season.

### MIXING GAS AND OIL

Your trimmer is equipped with a two-cycle engine that requires a special mixture of gas and oil to perform properly. **The proper fuel/oil mixture is 25:1 or twenty-five parts of gas to one part oil.** See the engine manufacturers' recommendations.

It is recommended that you use a separate gasoline container for your mixed gasoline, so as to avoid the potential for putting straight gasoline into the engine--a move which could seriously damage the engine and jeopardize the engine's warranty.

### ASSEMBLY INSTRUCTIONS

In order to assemble your deluxe trimmer you will need two 1/2" wrenches (or adjustable wrenches) a 5/8" wrench or socket and a 3/8" socket or wrench.

#### STEP ONE

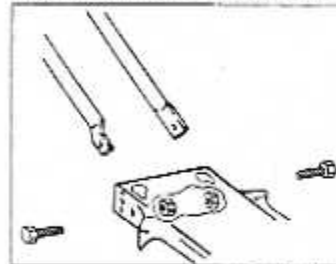
Begin assembly of your trimmer by placing the large wheel adapters (#10014 and #10016) on the back of your trimmer deck. To do this put the small carriage 5/16-18 x 3/4 bolt (#70075) through the single hole found in the deck. The hole is located in front of the three height adjustment holes on the back of your deck. Then line up the adapter so that the middle hole in the adapter is lined up with the top hole on the back of the deck. (Note from the picture how they line up) Insert (#70074) a 3/8-16 x 3/4 hex head bolt and secure with a locknut (#70095). Repeat the process on the other



side. Do not tighten until the lower handle is inserted.

#### STEP TWO

With the adapters in place, you are ready to put the lower handle (#20003) in place on your trimmer. To put the handle in place, insert the flat ends of the handle through the



irregular holes in the rear of the deck. You may have to squeeze the handles together slightly to get them to pass through the

holes. Line up the holes in the handle with the fastened screw from the adapter. When properly installed, the fastened screw will fit through the hole in the handle. Note the illustration above or the picture in step one.

Fasten the handle and the adapter together by using a locknut (#70088) to tighten the handle to the adapter. Repeat the process on both sides. With the handle in place you can now tighten the adapter to the deck.

#### STEP THREE

Install a 10-inch wheel (#30001) with flat washers on the axle shaft (#20001). Slide a wheel and washers to the headed end of the axle shaft. Install the axle through the height adjustment holes in the adapters on the back of the deck. For a level cut the axle must pass through the same holes (bottom, center, top) on both sides of deck. Install a second 10 inch wheel with washers (if needed), on axle. Secure the rear axle assembly with hairpin clip (70081).

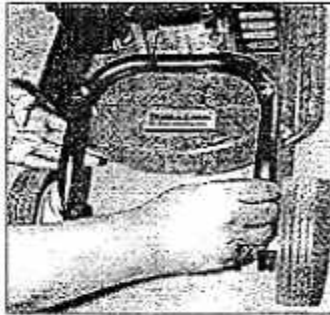
#### STEP FOUR

Install a stub axle (#20022) in front stabilizer fork (#20002). Slide a 5-inch wheel (#3000\*) with flat washers (on each side of the wheel) on stub axle. Place a spring washer on the inside of the stub axle before sliding the wheel into place. Place a flat washer on the outside of the wheel and

secure the assembly with a hairpin clip . For a level cut stub axles must be installed at the same height as the rear axle, (bottom, center or top holes). Repeat process with wheel on other side of fork.

#### STEP FIVE

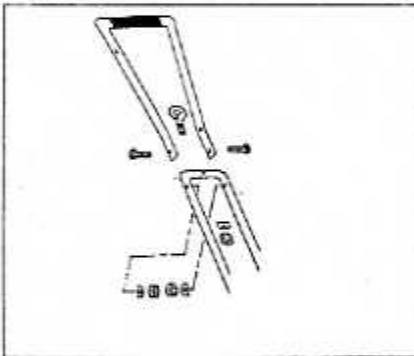
Install the front stabilizer fork on pre-assembled 5/16 x 1 1/4 carriage bolts held in place on the deck. Secure to the deck by using stabilizer knobs.



#### STEP SIX

Install the upper handle (#20010—the handle with the grip) over the lower handle. Attach both sides with

carriage bolt 5/16-18 x 1 3/4 (#71007) . formed washers (#70087)



and stabilizer knobs . Tighten handle hardware. The upper handle has a hole in the upper right side for placement of the throttle cable. Make sure the handle is put in place with the side with the hole in it on the operator's right side.

#### STEP SEVEN

Unwind the throttle cable from around the engine. Route the cable up the inside of the right-hand handle leg, passing it over the top portion of the lower handle.

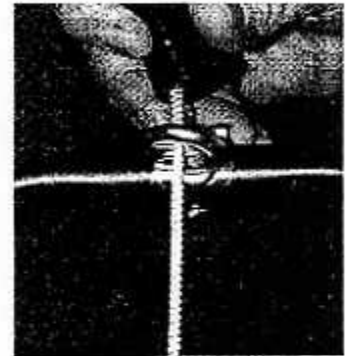
Place the cable on the inside portion of the upper handle and attach it to the handle with the hardware—taking the hex head bolt already in the throttle head and placing it through the open hole at the top of the upper handle, the throttle and then securing with the washer and nut on the other side.

Secure the throttle assembly, by using a black tie to bind it to the upper handle above the lower handle. If you use the tie on the lower handle it will cause a bend in the cable, when using the fold down handles.

#### STEP EIGHT

With the throttle cable in place, you are now prepared to put the starter rope in place along with the necessary hardware.

Put the pigtail bolt (#70086) in place in the upper portion of the lower handle. Note the hole in the hole in the upper portion of the lower handle. Put the pigtail bolt in place, making sure the loop portion of the bolt is facing

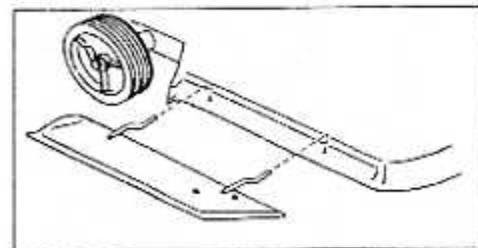


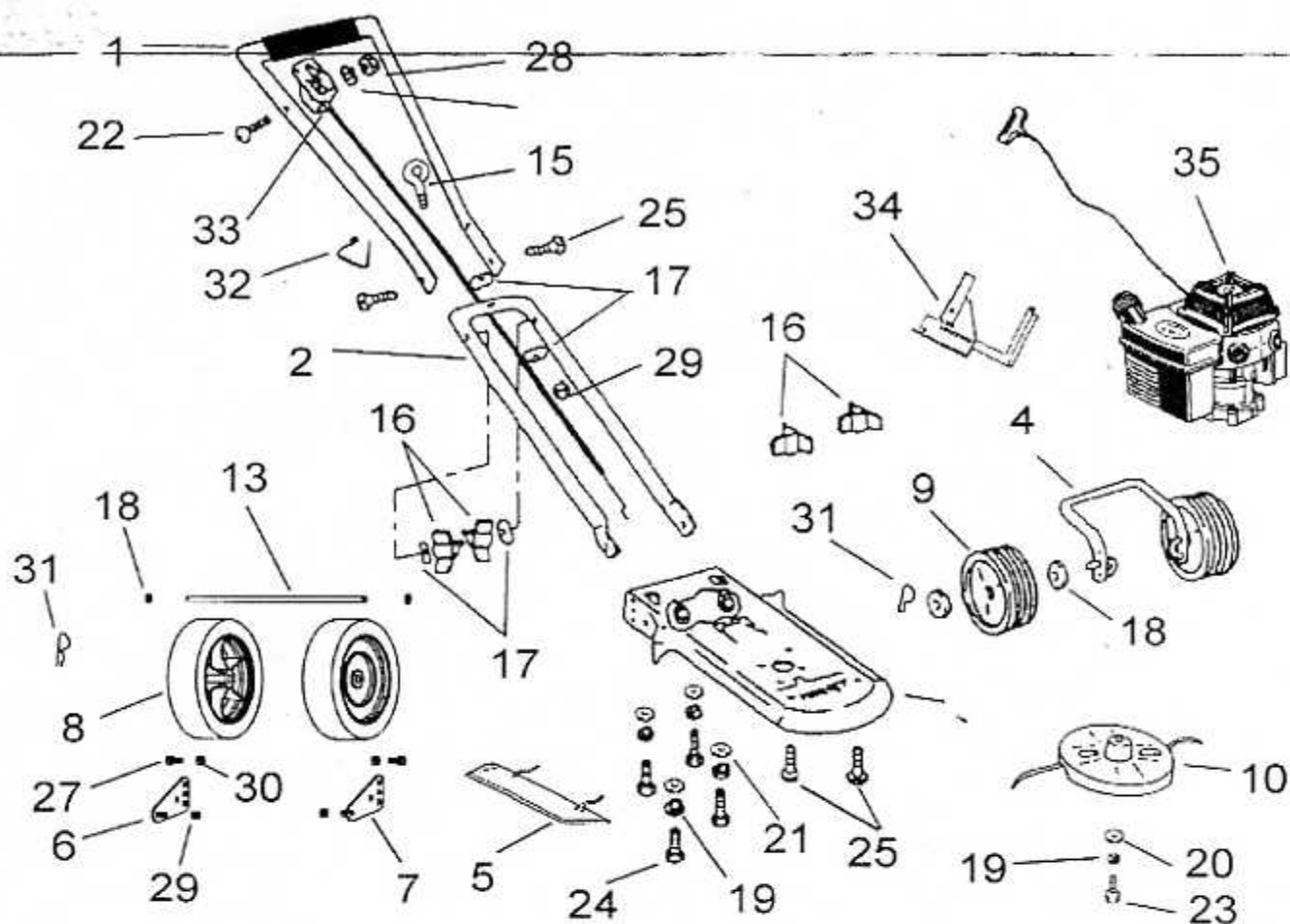
upward (as shown in the picture above). Then use formed washers on both sides of the bolt and secure the bolt with a lockwasher (#70088). Do not tighten the bolt until the starter rope is in place.

When the pigtail bolt is in place, slowly pull the starter handle from the engine and thread it through the pig tail bolt. Once the rope has been properly threaded, then you can tighten the pigtail bolt hardware.

#### STEP NINE

Put the debris deflector in place on the right side of the deck, by placing the two pins through the holes with the pointed portion facing the front of the machine.





### MODEL 154955

ref	qty	part number	description	ref	qty	part number	description
1	1	20006	HANDLE, UPPER	10	6	70012	WASHER, LOCK 1/4
2	1	20003	HANDLE, LOWER	20	1	70103	WASHER, FENDER 1/4-1
3	1	10001	DECK	21	4	70091	WASHER, FLAT 1/4 SAE
4	1	20002	FRONT STABILIZER FORK	22	1	70100	BOLT, CARRIAGE 1/4-20 X 1 3/4
5	1	11019	DEBRIS DEFLECTOR	23	1	70073	BOLT, HEX HEAD 1/4-20 X 3/4
6	1	10015L	10" WHEEL ADAPTER (LEFT)	24	4	70080	BOLT, HEX HEAD 1/4-20 x 1 1/4
7	1	10015R	10" WHEEL ADAPTER (RIGHT)	25	2	71007	BOLT, CARRIAGE 5/16-18 X 1 3/4
8	2	30000	REAR WHEEL, 10 INCH	26	2	70089	BOLT, HEX HEAD 5/16-18 X 3/4
9	2	30008	FRONT WHEEL, 5 INCH	27	2	70074	BOLT, HEX HEAD 3/8-16 X 3/4
10	1	30010	CUTTING HEAD	28	1	70101	NUT, 1/4-20
11	2	12130	TRI-CUT CUTTING LINE	29	5	70088	NUT, NYLON INSERT LOCK 5/16-18
13	1	20023	AXLE 3/8 X 12 1/2	30	2	70095	NUT, NYLON INSERT LOCK 3/8-16
14	2	20024	STUB AXLE	31	3	70081	HAIR PIN CLIP
15	1	70086	PIGTAIL BOLT (ROPE GUIDE), 5/16-18	32	1	30027	TIE STRAP
16	4	30120	STABILIZER FASTENING KNOB	33	1	10022	THROTTLE CONTROL AND CABLE
17	4	70087	WASHER, FORMED 5/16	34	1	90108	THROTTLE ASSEMBLY (FASTENERS INCL.)
18	6	70072	WASHER, FLAT 3/8 SAE	35	1	92000	TECUMSEH 49CC 2-CYCLE ENGINE