



Wholesale Distributors of Professional Lawn & Garden Equipment

The TRU-CUT OWNER'S MANUAL you have requested is attached and may now be viewed or printed.

To Purchase New Equipment: www.TruCutReelMowers.com

For Illustrated Parts Books or to Purchase Parts: www.TruCutParts.com

The completed order form should be faxed to **954.977.9509** or scanned and emailed to **Sales@DolphinOPE.com**.

Questions? - Just ask - We are here to help!
CUSTOMER CARE 954.977.9508

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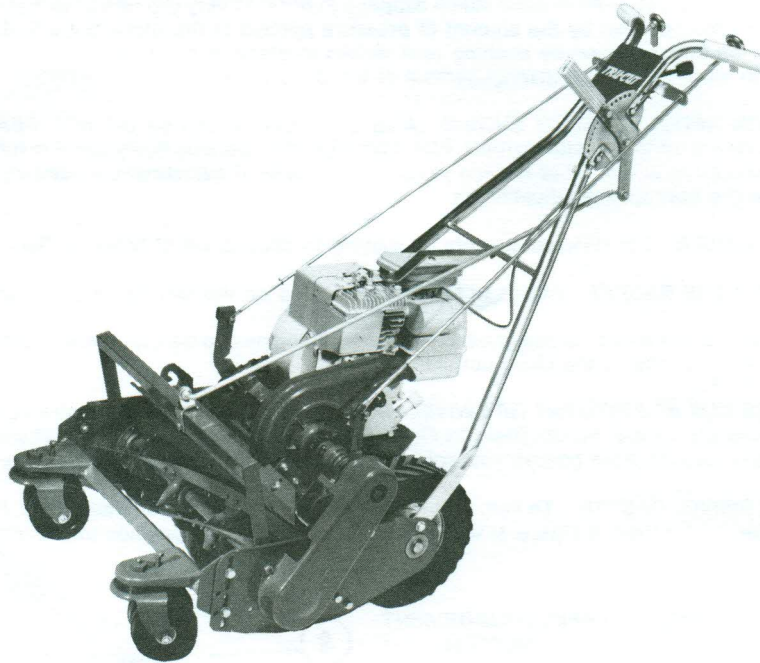
1700 NW 15th Avenue | Suite 320 | Pompano Beach, Florida | 33069 USA

Phone: 954.977.9508 Fax: 954.977.9509 Email: Sales@DolphinOPE.com

TRU-CUT POWER MOWERS

25-INCH, 27-INCH COMMERCIAL MODELS
20-INCH PROFESSIONAL / HOMEOWNER MODELS

OWNERS MANUAL



LIMITED WARRANTY

TRU-CUT, INC. through any service dealer authorized by the factory, shall replace for the original purchaser, free of charge, any part or parts found upon examination by the factory at 141 East 157th Street, Gardena, California 90248, to be defective in material or workmanship or both, for a period of one (1) year from the date of purchase for a non-commercial user, and for a period of ninety (90) days from the date of purchase for a commercial user. The purchaser shall bear all the costs of transportation incurred by the purchase in connection with the submission of material to any authorized service dealer for replacement under this warranty.

This warranty shall not be applicable to lawnmower engines and their related components, since these engines and components are independently warranted by their respective manufacturers. Furthermore, this warranty shall not apply to lawnmower parts which have been altered, abused, improperly used, improperly lubricated, damaged by normal wear, or other cause beyond the control of the manufacture.

There are no express warranties in addition to those set out hereinabove.

Any implied warranties of merchantability and fitness for a particular purpose, and any, other and further implied warranties, shall be limited to ninety (92) days from the date of purchase for non-commercial user, and for thirty (30) days from the date of purchase for commercial users, and to the extent permitted by law, and all implied warranties are excluded from this Limited Warranty. Any liability for consequential or any other related damages under any and all warranties are excluded. This warranty is the exclusive remedy. Certain states do not permit limitations to the duration of implied warranties or do not permit the exclusion of limitation of consequential or related damages, and in these states the limitation set out hereinabove shall not apply.

The use of any parts other than genuine TRU-CUT parts on the lawnmower may affect the safety of its use, and shall immediately void this warranty.

THIS WARRANTY IS VOID UNLESS THE WARRANTY CARD ATTACHED TO THIS LAWNMOWER IS FILLED OUT COMPLETELY AND MAILED TO TRU-CUT, INC. 141 EAST 157th STREET, GARDENA, CALIFORNIA 90248, WITHIN TEN (10) DAYS FROM THE DATE OF PURCHASE.

When ordering parts, please specify model number of machine, serial number and part number.

TruCutReelMowers.com

Replacement Parts:

www.DolphinOPE.com

Phone: 954.977.9508

Email: Parts@DolphinOPE.com

GENERAL

Your Tru-Cut mower was designed and manufactured to provide you with exceptional ease of operation and durability.

To operate and maintain your Tru-Cut mower properly, please carefully read instructions in this manual.

OPERATING PROCEDURE

- I. Follow the engine manufacturer's manual for the operation of the engine.
- II. AFTER STARTING
 - A. **REEL ENGAGEMENT** Depress the reel engagement button (refer to Figure 1) on the handle to engage the reel clutch. Note that the mower is equipped with a quick disengagement lever (Item 9 Figure 1). In the event an uncuttable object is encountered release the reel clutch by pulling the lever toward you. It is recommended to clear the lawn of wood, rocks, and other debris prior to mowing.
DO NOT OPERATE MOWER NEAR ANY OTHER PERSON OR PERSONS AS SMALL OBJECTS ENCOUNTERED ON THE LAWN MAY BE SCATTERED BY THE REEL BLADES WHEN THEY ARE ENGAGED.
 - B. **DRIVE WHEEL ENGAGEMENT** Depress the wheel drive button (Figure 1) with your thumb to engage the drive clutch. The drive clutch is designed to allow clutch slippage in order to vary clip rate or to maneuver in tight spots. The desired slippage is accomplished by the amount of pressure applied to the wheel drive button. For long straight areas, the clutch can be fully engaged by pushing until locked in place. A quick disengagement (Item 12 Figure 1) handle is provided to allow immediate disengagement of the drive wheels.
 - C. **OPERATION AFTER STARTING ENGINE** After the engine is started **DO NOT REACH INTO THE BODY OF THE MOWER**, other than the handle controls, **FOR ANY REASON**. Serious injury could result if you become entangled in the chain mechanisms or any other moving parts of the mower. If adjustment is needed, **TURN OFF ENGINE FIRST** and then make the appropriate adjustments.
 - D. **ADJUST HANDLE** For different heights by moving to second set of holes in (Item 10 Figure 1).
 - E. **ATTACHING THE BASKET** Attach to two hooks located on the two frame side plates (Item 1 Figure 1).
NOTE: The Tru-Cut mower is designed to eliminate edging next to walks, walls and similar objects. The right hand side of the machine is the close cut side.
 - F. **HEIGHT OF CUT ADJUSTMENT OF SWIVEL CASTER MODEL** To obtain desired cut height of grass, select proper position in height control handle (Item 11 Figure 1). There is an additional range (Items 3 and 4 Figure 1) by selecting top hole and second from bottom you achieve high range; the lower set of holes result in low-range cut.
 - G. **TO LOCK SWIVEL CASTER** To lock caster (Item 6 Figure 1) for hillside operations, tighten cap screw (Item 7 Figure 1) on caster holder (Item 8 Figure 1) with caster wheels in straight position until screw engages hold in caster fork.

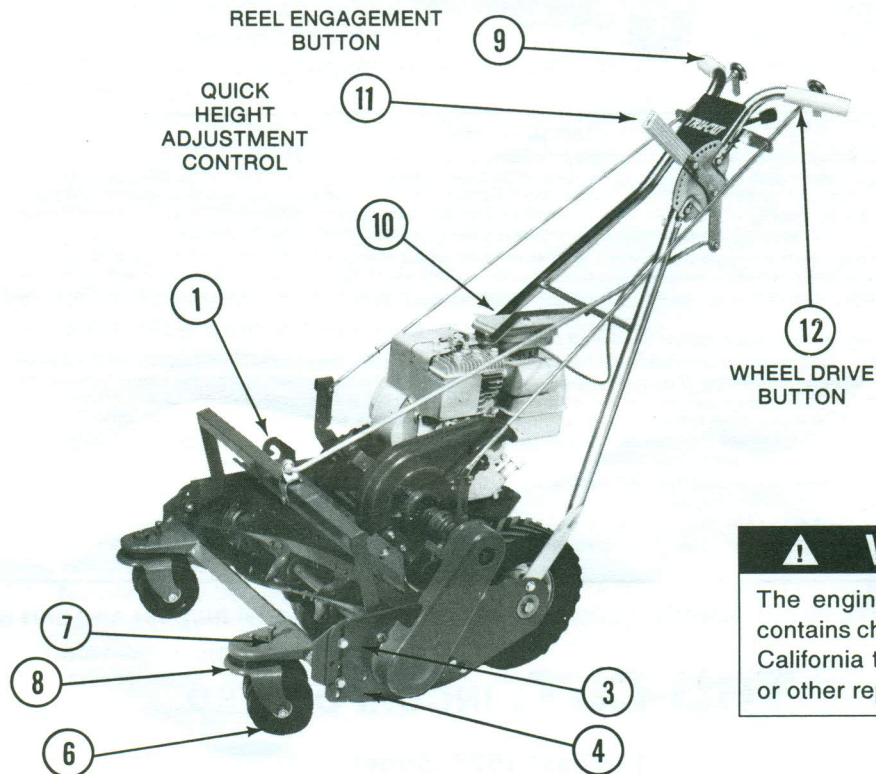


FIGURE 1

NOTE: Chain guards have been removed to illustrate features only. Machine should not be operated without them. Remember the guards are there for your safety. Models 25-27 photo not shown. Detail numbers as shown do apply.

⚠ WARNING ⚠

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

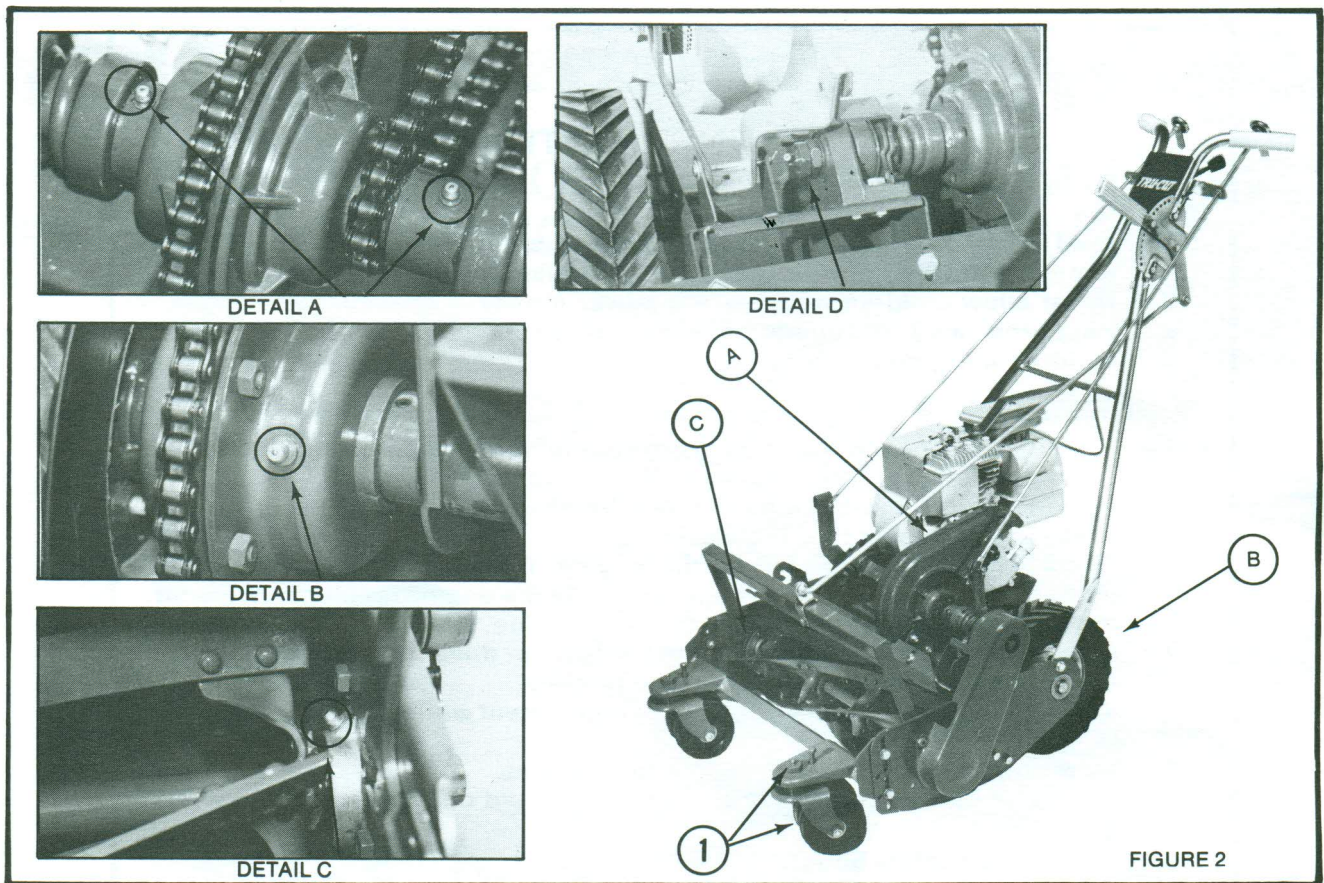


FIGURE 2

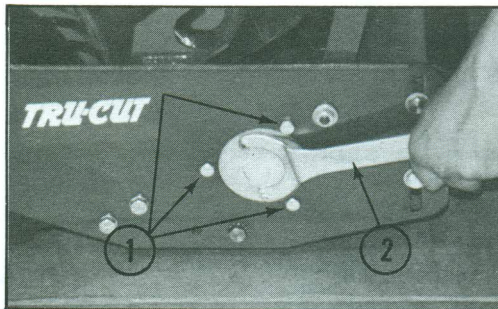


FIGURE 3

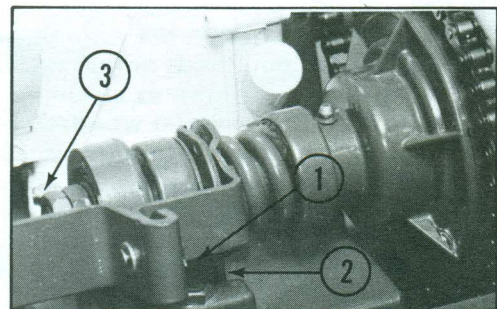


FIGURE 4

GENERAL MAINTENANCE, ADJUSTMENT AND INSPECTION

- I. **LUBRICATION** Your Tru-Cut mower was designed and manufactured to provide years of service with a minimum of maintenance under normal usage. Aside from general lubrication of all mechanical parts of the mower as may be necessary, specific fittings must be greased at regular intervals as outlined below. It is recommended that these fittings be greased at least after every eight hours of operation, or sooner if conditions are extremely dusty, wet, hot or otherwise adverse to the operation of the mower. Inspect motor chain thoroughly and inspect motor sprocket for excess wear. Excessive sprocket wear could cause chain breakage. Lubricate all chains at least every eight hours of operation or as necessary, use SAE 30 oil to lubricate chain, estimated chain life 80 to 100 service hours.

- A. Caster wheel (Item 1 Figure 2).
- B. Reel Bearings (Detail "C" Figure 2).
- C. Differential, on right hand housing (Detail "B" Figure 2).
- D. Clutch, on collar and reel cup (Detail "A" Figure 2).
- E. Clutch, reel cup on Professional/Homeowner, models.
Clutch, reel cup and end of shaft on 25" and 27" Commercial models (Detail "D" Figure 2).

II. TO ADJUST THE REEL TO THE BEDKNIFE

- A. Loosen three cap screws (Item 1 Figure 3) each side common to bearing retainers. Loosen just enough to allow the retainers to move under hard pressure.
- B. With spanner wrench (Item 2 Figure 3) rotate each side forward until reel contacts bedknife lightly and evenly end to end. Do not excessively tighten reel to bedknife. After adjustment light finger pressure should rotate the reel.
- C. Tighten cap, screws alternately - one side, then the other. Do not tighten three on one side at once, as this will cause misalignment, and reel will require adjustment.
- D. Re-check reel to bedknife contact. Remember, light finger pressure should rotate the reel.

NOTE: Chain guards have been removed to illustrate features only. Machine should not be operated without them. Remember the guards are for *your* safety.

- III. **CLUTCH ADJUSTMENT** Your Tru-Cut has two independent clutch systems. Each is to be adjusted separately. The procedure for adjusting is the same for both. The reel drive clutch is on the left and the wheel drive is on the right side as you face the machine.
- Loosen two bolts (Item 1 Figure 4) holding the bearing block (Item 2 Figure 4).
 - Loosen 1" jam nut (Item 3 Figure 4) on end of clutch shaft.
 - Tighten or loosen to obtain .020-.030 clearance between lining and plate.
 - Tighten jam nut.
 - Reposition bearing block, check for proper seating of bearing, tighten attaching bolts.
- IV. **CLUTCH MAINTENANCE** In addition to adjustments, the clutch assembly must be properly maintained so you may be assured that the mower is operating safely and at peak efficiency. Maintenance includes regular lubrication of all moving parts of the clutch assembly, in addition to regular visual inspections of the entire assembly in order to insure that, among other things, the bearing block legs (Item 2 Figure 4) are secure and not worn. If any irregularity exists with any portion of the clutch assembly, **DO NOT OPERATE THE MOWER**. Instead, immediately take the mower to your nearest factory authorized Tru-Cut service dealer for necessary repairs and service.
- V. **CHAIN TENSION** Do not operate the mower with an excessively loose or tight chain, as bent shafts may result. Use chain tensioners (Items 1 and 2 Figure 5) to obtain 1/2" total slack on all chains. For engine chain tension loosen four bolts mounting the engine and slide engine forward or backward to obtain 1/2" slack.
- VI. **GRASS SHIELD ADJUSTMENT** To adjust grass shield which allows you to control the discharge of grass into the basket. The ideal condition is to have the main body of the discharge to hit 2" below the top of the basket and an even throw from side to side. Generally, the adjustments outlined below will provide adequate throw for general conditions. However, variance from these adjustments may be required for varying conditions of grasses and moisture.
- Loosen two jam nuts (Item 4 Figure 5) to two slot head screws (Item 5 Figure 5) on main frame each side of engine.
 - Loosen cap screws that allow forward movement of grass shield (Item 6 Figure 5).
 - Pull grass shield forward to hold approximately 1/8" clearance between grass shield and reel.
 - Adjust two slot head screws to hold 1/8" clearance between grass shield and reel.
 - Tighten all bolts and jam nuts.
 - To adjust throat and throw loosen cap screws (Item 7 Figure 5) that allow vertical movement of grass shield and adjust to obtain proper discharge.
 - After grass shield adjustment has been made, check that the lower end of the grass shield is firmly down on the top side of the bedknife.
- VII. **GENERAL MACHINE INSPECTION** Prior to each use of the mower, visually inspect the entire machine thoroughly before starting the engine. If you see any part or parts which may be worn, or which may not be working properly, **DO NOT OPERATE THE MOWER**. Instead, immediately take the mower to your nearest factory authorized Tru-Cut service dealer for necessary repairs and service.

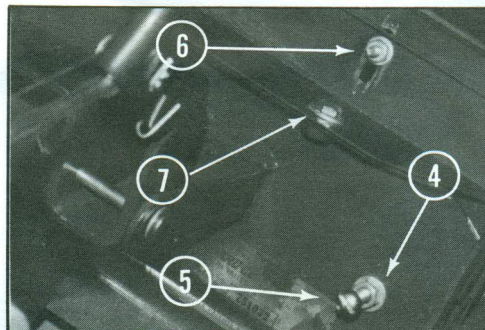
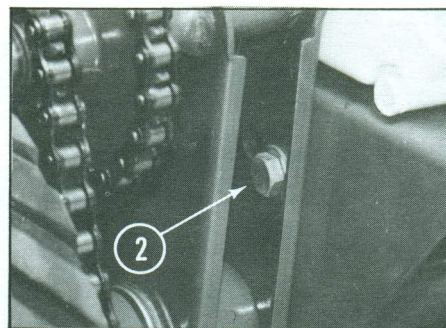
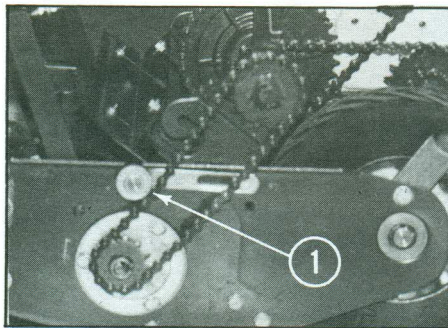


FIGURE 5

NOTE: Chain guards have been removed to illustrate features only. Machine should not be operated without them. Remember the guards are for your safety.

SAFETY INSTRUCTIONS

Training

1. Read the operating and service instruction manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
2. Never allow children to operate a power mower.
3. Keep the area of operation clear of all persons, particular small children and pets.

Preparation

1. Thoroughly inspect the area where the equipment is to be used and remove all stones, sticks, wires, bones and other foreign objects.
2. Do not operate the equipment when barefoot or wearing open sandals. Always wear substantial footwear.
3. Check the fuel before starting the engine. Do not fill the gasoline tank indoors, when the engine is running or while the engine is still hot. Wipe off any spilled gasoline before starting the engine.
4. Disengage the self-propelled mechanism or drive clutch on units so equipped before starting the engine (motor).
5. Never attempt to make a wheel height adjustment while the engine (motor) is running.
6. Mow only in daylight or in good artificial light.
7. Always be sure of your footing, keep a firm hold on the handle and walk; never run.
8. Always wear safety goggles.

Operation

1. Do not change the engine governor settings or overspeed the engine.
2. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
3. Stop the blade(s) when crossing gravel drives, walks or roads.
4. After striking a foreign object, stop the engine (motor), remove the wire from the spark plug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.
5. If the equipment should start to vibrate abnormally, stop the engine (motor) and check immediately for the cause. Vibration is generally a warning of trouble.
6. Stop the engine (motor) whenever you leave the equipment, before cleaning the mower housing, and when making any repairs or inspections.
7. When cleaning, repairing or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.
8. Do not run the engine indoors.
9. Shut the engine (motor) off and wait until the blade comes to a complete stop before removing the grass catcher.
10. Mow across the face of slopes, never up and down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
11. Never operate the mower without proper guards in place.

Maintenance and Storage

1. Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition.
2. Never store the equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
3. To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease.