



MODEL NO. 30751 — 70001  
THRU 10001 & UP

## INSTALLATION INSTRUCTIONS

### GRASS COLLECTION SYSTEM

GROUNDMASTER® 117

## SAFETY INSTRUCTIONS    BEST COPY AVAILABLE

### BEFORE OPERATING

1. Read and understand the contents of this Operator's Manual before starting and operating the machine. Become familiar with all controls and how to stop quickly. A replacement manual is available by sending complete Model and Serial Number to:

The Toro Company  
8111 Lyndale Avenue South  
Minneapolis, Minnesota 55420

2. Never allow children or adults unfamiliar with it's operation to operate the machine, and keep everyone, especially children and pets, away from the area of operation.
3. Remove sticks, stones, wire and any other debris or objects that might be picked up and thrown by the cutter blades.
4. Keep all shields and safety devices in place. If a shield, safety device or decal is malfunctioning, illegible or damaged, repair or replace it before operation is commenced. Also, tighten any loose nuts, bolts and screws to make sure machine is in safe operating condition.
5. Do not operate machine while wearing sandals, tennis shoes, sneakers or shorts. Also, do not wear loose fitting clothing because it could get caught in moving parts. Always wear long pants and substantial shoes. Wearing safety glasses, safety shoes and a helmet is advisable and required by some local ordinances and insurance regulations.
6. Be sure interlock switches are adjusted correctly so engine cannot be started unless traction pedal is released — neutral position — and PTO switch is in DISENGAGE position.
7. Fill fuel tank with gasoline before starting the engine. Avoid spilling any gasoline. Since gasoline is highly flammable, handle it carefully — DO NOT SMOKE.
  - A. Use an approved gasoline container.
  - B. Do not fill tank while engine is hot or running.
  - C. Do not smoke while handling gasoline.

- A. Fill fuel tank outdoors and up to about one inch (25 mm) from top of the tank, not the filler neck. KEEP HOOD CLOSED when filling.
- B. Wipe up any spilled gasoline. Install gasoline container cap and machine fuel tank cap securely before starting the engine.

### WHILE OPERATING

8. Do not run the engine in a confined area without adequate ventilation. Exhaust fumes are hazardous and could possibly be deadly.
9. Maximum seating capacity is one person. Never carry passengers.
10. Sit on the seat when starting the engine and operating the machine.
11. When starting the engine:
  - A. Engage parking brake.
  - B. Be sure traction pedal is in neutral and PTO is in disengage position.
  - C. After engine is started, release parking brake and keep foot off traction pedal. Machine must not move. If movement is evident, the neutral return mechanism is adjusted incorrectly; therefore, shut engine off and adjust until machine does not move when traction pedal is released.
12. Using the machine demands attention, and to prevent loss of control:
  - A. Mow only in daylight or when there is good artificial light.
  - B. Watch for holes or other hidden hazards.
  - C. Do not drive close to a sand trap, ditch, creek or other hazard.
  - D. Reduce speed when making sharp turns and when turning on hillsides.

# SAFETY INSTRUCTIONS

- E. Avoid sudden stops and starts.
- F. Before backing up, look to the rear to be sure no one is behind the machine.
- G. Watch out for traffic when near or crossing roads. Always yield the right-of-way.

13. The grass deflector must always be installed on the cutting unit. If the cutting unit discharge area ever plugs, disengage PTO and shut engine off. Use a stick to remove the obstruction.

14. Never raise the cutting unit while the blades are rotating.

15. If the cutting blades strike a solid object or the machine vibrates abnormally, disengage PTO, move throttle to SLOW, set parking brake and shut engine off. Remove key from ignition switch and disconnect high tension wires from spark plugs to prevent possibility of accidental starting. Check cutting unit and traction unit for damage and malfunctioning parts. Make all repairs before restarting the engine and operating the cutting unit. Make sure blades are in good condition and blade nuts are tight.

16. Cut grass slopes carefully. When going uphill or downhill do not start or stop suddenly.

17. Do not touch engine, muffler or its adjacent shroud while engine is running or soon after it is stopped because these areas could be hot enough to cause a burn.

18. Lower the cutting unit or other attached implement to the ground and remove key from ignition switch whenever machine is left unattended.

19. Before getting off the seat:

- A. Move traction pedal to neutral position and remove foot from pedal.
- B. Disengage the PTO and set the parking brake.
- C. Shut the engine off and remove key from ignition switch. Wait for all movement to stop before getting off the seat.

21. Perform only those maintenance instructions described in this manual. If major repairs are ever needed or assistance is desired, contact an Authorized TORO Distributor.

22. To reduce potential fire hazard, keep the engine free of excessive grease, grass, leaves and accumulations of dirt.

23. Be sure machine is in safe operating condition by keeping nuts, bolts and screws tight. Check the blade mounting nuts frequently to be sure they are tight.

24. Make sure all hydraulic line connectors are tight, and all hydraulic hoses and lines are in good condition before applying pressure to the system.

25. Keep body and hands away from pin hole leaks or nozzles that eject hydraulic fluid under high pressure. Use paper or cardboard, not hands, to search for leaks. Hydraulic fluid escaping under pressure can have sufficient force to penetrate skin and do serious damage. If fluid is injected into the skin it must be surgically removed within a few hours by a doctor familiar with this form of injury or gangrene may result.

26. Before disconnecting or performing any work on the hydraulic system, all pressure in system must be relieved by stopping engine and lowering implement to the ground.

27. If the engine must be running to perform a maintenance adjustment, keep hands, feet, clothing and other parts of the body away from the cutting unit blades and other moving parts.

28. Do not overspeed the engine by changing governor settings. Maximum engine speed (with engine coupled to transmission) is 3100-3300 rpm. To ensure safety and accuracy, have an Authorized TORO Distributor check maximum engine speed with a tachometer.

29. Engine must be shut off before checking oil or adding oil to the crankcase.

30. At the time of manufacture, the GROUNDSMASTER 117 grass collection system conformed to safety standards in effect for riding mowers. Therefore, to assure optimum performance and safety, always purchase genuine TORO replacement parts and accessories. Replacement parts and accessories made by other manufacturers could be dangerous. Such use could void the product warranty of The Toro Company.

## MAINTENANCE

20. Remove key from ignition switch and disconnect high tension wire from spark plug to prevent accidental starting of the engine when servicing, adjusting or storing the machine.

# SAFETY INSTRUCTIONS

## ▲ CAUTION

1. KEEP ALL SHIELDS IN PLACE.	D. SHUT OFF ENGINE.
2. BEFORE LEAVING OPERATOR'S POSITION.	E. REMOVE IGNITION KEY.
A. MOVE TRANSMISSION TO NEUTRAL	3. WAIT FOR ALL MOVEMENT TO STOP
B. DISENGAGE ATTACHMENT CLUTCH.	BEFORE SERVICING MACHINE.
C. SET PARKING BRAKE.	4. KEEP BYSTANDERS FROM AREAS
	BEING MOWED.



## SAFETY AND INSTRUCTION DECALS

The following decals are installed on the machine. If any become damaged or illegible, replace it. The decal part number is listed below and in your parts catalog. Replacement can be ordered from your Authorized Toro Distributor.

**▲ WARNING**  
DO NOT RUN BLOWER WITHOUT  
DISCHARGE CHUTE ATTACHED.

ON FRONT OF BLOWER HOUSING  
(Part No. 43-1110)

## LOOSE PARTS CHART

Description	Qty.	Use
Valve Stem Extension	1	
Capscrew - 5/16-18 x 4" lg.	2	Mount Wheel Weight
Flatwasher - 5/16	2	
Carriage Bolt - 5/16-18 x 5/8" lg.	2	
Keps Locknut - 5/16-18	2	Mount Front Blower Mounting Bracket
Carriage Bolt - 5/16-18 x 7/8" lg.	3	
Keps Locknut - 5/16-18	3	
Carriage Bolt - 5/16-18 x 5/8" lg.	2	Mount Rear Baffle
Keps Locknut - 5/16-18	2	
Self Tapping Screw - 1/4-20 x 7/8" lg.	2	
Washer - 1/4	2	Mount Center Ring
Capscrew - 1/4-20 x 3/4" lg.	4	Baffle
Locknut - 1/4-20	4	
Carriage Bolt - 5/16-18 x 5/8" lg.	2	
Keps Locknut - 5/16-18	2	Mount Right Ring Baffle
Capscrew - 1/4-20 x 3/4" lg.	2	
Locknut - 1/4-20	2	
Capscrew - 1/4-20 x 3/4" lg.	3	Mount Left Ring Baffle
Keps Locknut - 1/4-20	3	
Carriage Bolt - 1/4-20 x 5/8" lg.	1	
Keps Locknut - 1/4-20	1	Mount Front Baffle
Carriage Bolt - 5/16-18 x 5/8" lg.	1	
Keps Locknut - 5/16-18	1	
Carriage Bolt - 5/16-18 x 5/8" lg.	2	
Flatwasher	2	Mount Idler Assembly
Keps Locknut - 5/16-18	2	
Capscrew - 5/16-18 x 1" lg.	6	
Locknut - 5/16-18	6	Mount Hopper Brackets
Reinforcing Plate	1	
Capscrew - 5/16-18 x 2"	5	
Locknut - 5/16-18	5	Mount Hopper Frame
Knob	2	
Washer	2	Mount Grass Deflector

## INSTALL WHEEL WEIGHT (Left Front Wheel Only)

**Note:** If unit is equipped with Optional Brake Kit, refer to Brake Kit Installation Instructions for additional information on mounting of wheel weight.

1. Remove cap from valve stem and install valve stem extension.
2. Slide wheel weight into mounting position over valve stem aligning weight with (2) mounting holes in wheel.
3. Secure weight to wheel with (2) 5/16-18 x 4" lg. capscrews and flatwashers.

## INSTALL NEW SPINDLE PULLEY

1. Remove right belt cover from deck.
2. Remove nut securing spring anchor to capscrew in deck. Lift anchor off capscrew and allow belt to relax (Fig. 1).

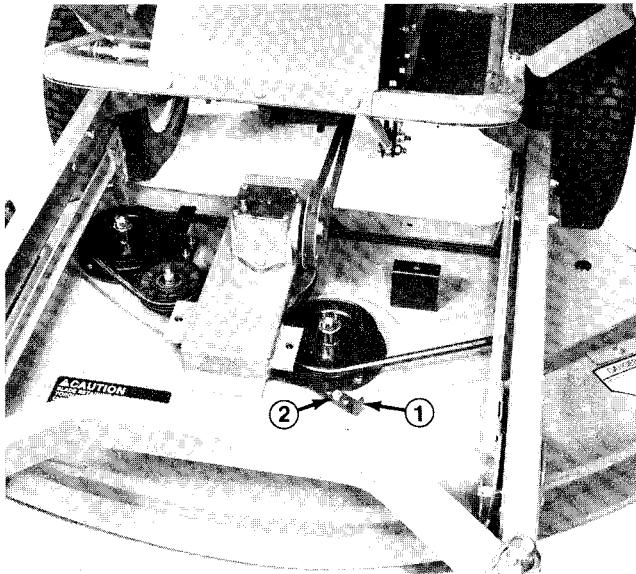


Figure 1

1. Spring anchor 2. Nut

3. Remove belt from right spindle pulley.

**Note:** Hold spindle assembly together or support it from bottom of deck before removing nut and pulley. Spindle shaft may slide through spindle housing.

4. Remove nut retaining pulley on spindle shaft. Pull pulley off shaft.
5. Two double-grooved pulleys are supplied with the kit. Install the "double D", double-grooved pulley and original mount nut on cutting units with serial numbers below 90001. On cutting units with serial numbers 90001 and above, install the splined, double-grooved pulley and a new nut. Torque the nuts to 50-60 ft-lb (Fig. 2).

with locknut. Tighten nut to 50-60 ft-lb (Fig. 2).

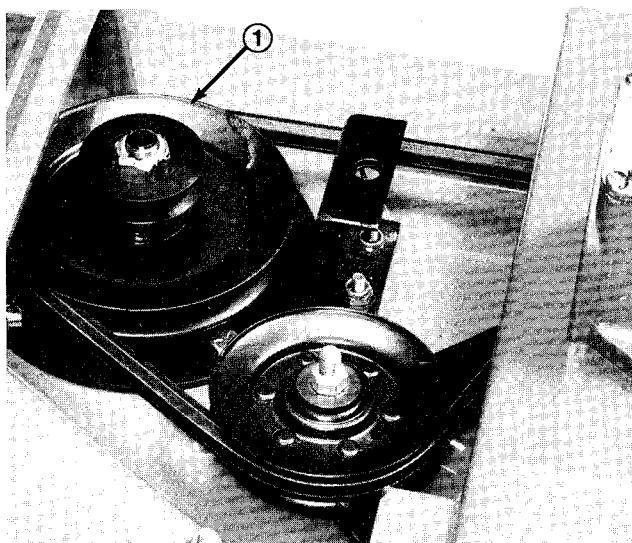


Figure 2

1. Double spindle pulley

6. Install deck belt around large pulley (Fig. 2).
7. Readjust belt tension by pulling spring anchor until 30-40 lb. of force is applied to spring.
8. Reinstall spring anchor on capscrew in appropriate mounting hole and install nut.

## MOUNT BLOWER AND DECK BAFFLES

1. Remove capscrews, locknuts, and springs securing deflector mounts to pivot bracket. Remove deflector (Fig. 3).
2. Remove carriage bolts, lockwashers, and nuts securing pivot bracket to housing (Fig. 3).

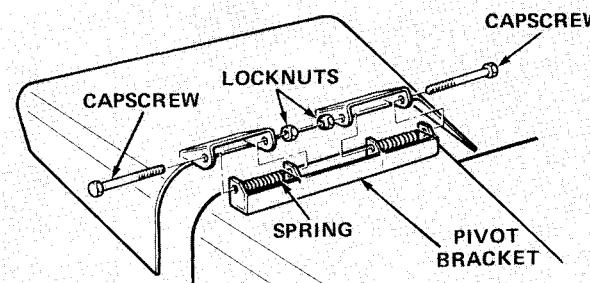


Figure 3

3. Position front baffle on underside of cutting unit, aligning (2) outside mounting holes with front deflector mounting holes (Fig. 4).
4. Using baffle as a template, mark and drill (2) 3/8" dia. holes and a 5/16" dia. hole in deck (Fig. 4).
5. Using appropriate mounting holes and fasteners, secure baffle to front wall of deck with a 1/4-20x5/8" lg. carriage bolt and nut, and a 5/16-18x5/8" lg. carriage bolt and nut. Leave the remaining mounting holes (3) open at this time.

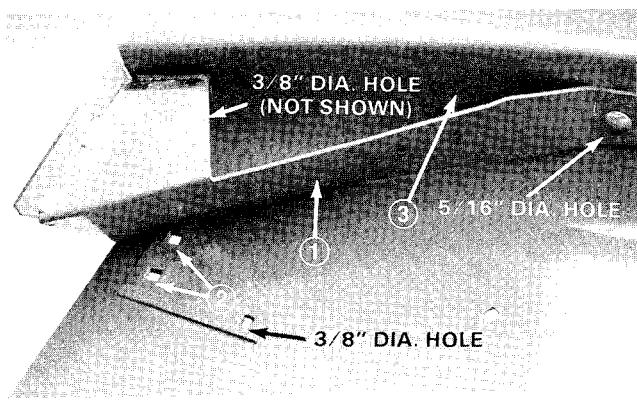


Figure 4

1. Front baffle
2. Outside mounting holes
3. Front wall of deck

6. Position blower assembly onto cutting unit. Align front bracket with (3) mounting holes in deck and rear bracket with rearmost deflector mounting hole (Fig. 5 & 6). Make sure blower is flush with deck opening.

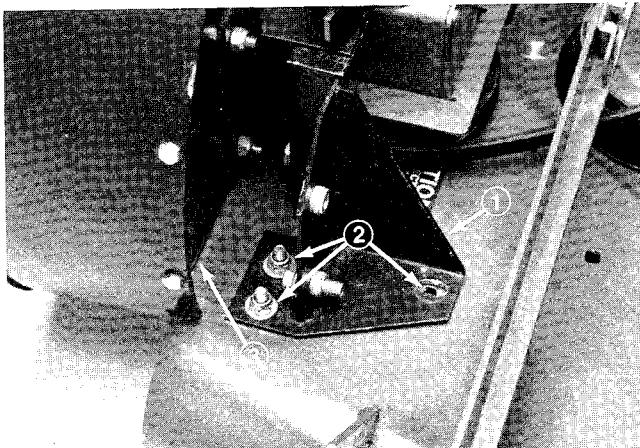


Figure 5

1. Front bracket
2. Mounting holes
3. Blower flush with deck opening

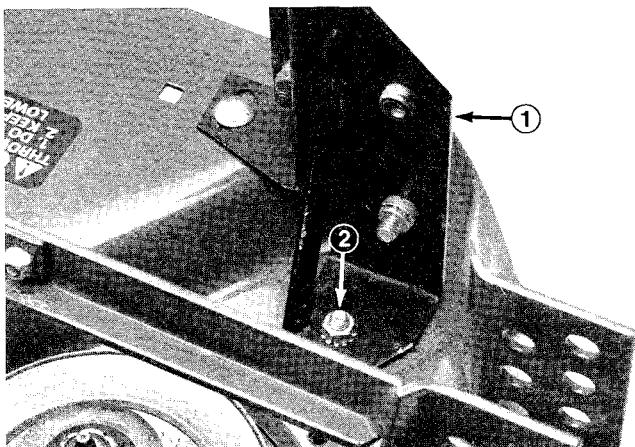


Figure 6

1. Rear bracket
2. Remaining mounting hole

7. Using rear blower bracket as a template, mark and drill remaining 3/8" dia. mounting hole in deck

(Fig. 6). To allow the 5/16-18x5/8" bolt to be assembled through the rear bracket from the top, remove the blower from the brackets (Fig. 6).

8. Using rearmost deflector mounting hole in deck, loosely mount outside end of rear baffle to deck with a 5/16-18x5/8" lg. carriage bolt and locknut (Fig. 7).

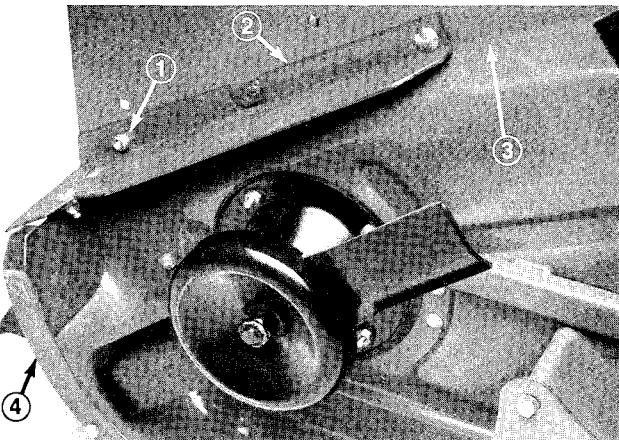


Figure 7

1. Rear deflector mounting hole
2. Rear baffle
3. Formed edge
4. Right ring baffle

9. Align edge of baffle with formed edge on deck. Using baffle as a template, mark and drill a 3/8" dia. hole in deck. Secure baffle to deck with a 5/16-18x5/8" lg. carriage bolt and locknut.

10. Position and secure center ring baffle to deck bosses with (2) 1/4-20x3/4" lg. self tapping screws and washers (Fig. 8).

11. Using center ring baffle as a template, mark and drill (4) 9/32" dia. holes thru center of curved edge of deck (Fig. 8).

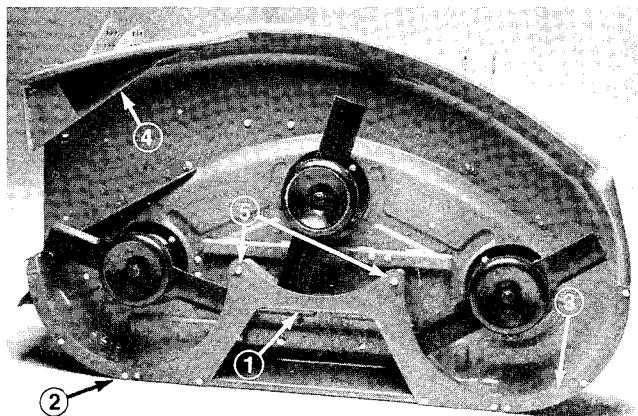


Figure 8

1. Center ring baffle
2. Right ring baffle
3. Left ring baffle
4. Front baffle
5. Deck bosses

12. Secure center ring baffle to deck with (4) 1/4-20x 3/4" lg. capscrews and nuts.

13. Loosely mount right ring baffle to rear baffle with (2) 5/16-18x5/8" lg. carriage bolts and locknuts (Fig. 7).

14. Align right ring baffle with end of center baffle and edge of deck. Mark and drill (2) 9/32" dia. holes in curved edge of deck (Fig. 7).

15. Secure right baffle to deck with (2) 1/4-20x3/4" lg. capscrews and nuts. Remove carriage bolt securing right baffle to deflector mounting hole. Tighten all previously installed fasteners.

16. Align left ring baffle with end of center baffle and edge of deck. Mark and drill (3) 9/32" dia. holes thru center of curved edge of deck. Secure with (3) 1/4-20x3/4" lg. capscrews and nuts (Fig. 8).

17. Carefully rotate blades by hand to make sure they clear baffles.

18. Reposition blower and mounting brackets onto deck aligning mounting holes. Route belt around blower pulley before securing to deck. Secure rear bracket and rear baffle to deck with (2) 5/16-18x5/8" lg. carriage bolts and locknuts (Fig. 9). Secure front bracket and front baffle to deck with (3) 5/16-18x7/8" lg. carriage bolts and locknuts (Fig. 10).

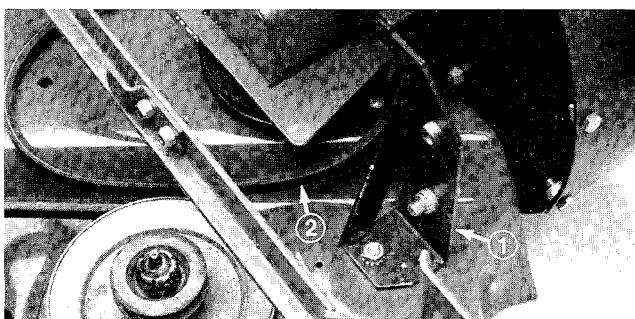


Figure 9

1. Rear mounting bracket
2. Blower belt around pulley

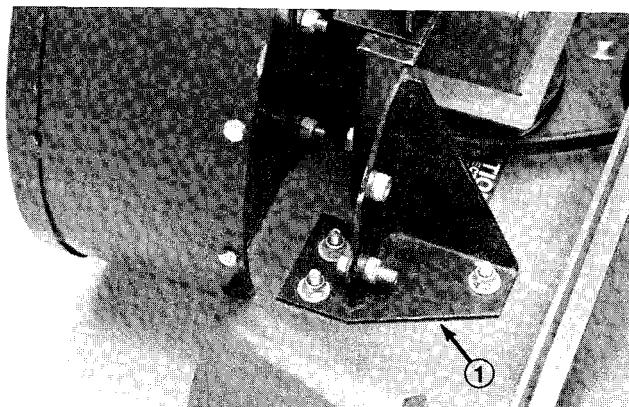


Figure 10

1. Front bracket

19. Route blower belt around small spindle pulley (Fig. 11).

20. Install new deck belt cover (Fig. 12).

**Note:** For older cutting units with knob type cover fasteners, the 1/4 turn fastener holes on the new deck cover must be punched out (Fig. 12).

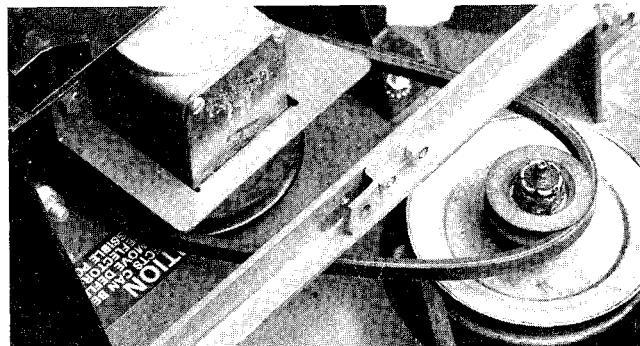


Figure 11

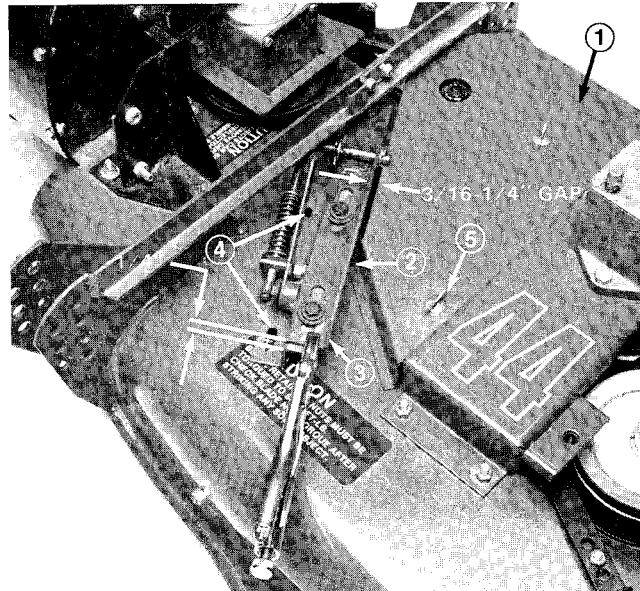


Figure 12

1. New belt cover
2. Idler assembly
3. Idler slide
4. Mounting slots
5. 1/4 turn winghead stud

## INSTALLER IDLER ASSEMBLY

1. Adjust idler slide so there is 1/4" from end of slide to end of mounting bracket. Clamp slide to retain this position while mounting to deck (Fig. 12).

2. Position idler assembly on deck so edge is parallel with belt cover and there is a 3/16-1/4" gap (Fig. 12).

3. With idler assembly clamped, slide idler pulley firmly into blower belt (Fig. 12).

4. With idler assembly pushed into belt, mark slot locations on deck. Drill a 11/32" dia. hole near pulley end of each slot. File holes square to accommodate carriage bolts (Fig. 13).

5. Remove clamp and mount idler assembly to deck with (2) 5/16-18x5/8" lg. carriage bolts, flatwashers, and nuts. Position washer between nut and idler assembly (Fig. 14).

6. Engage idler lever and check belt tension. Adjust if necessary.

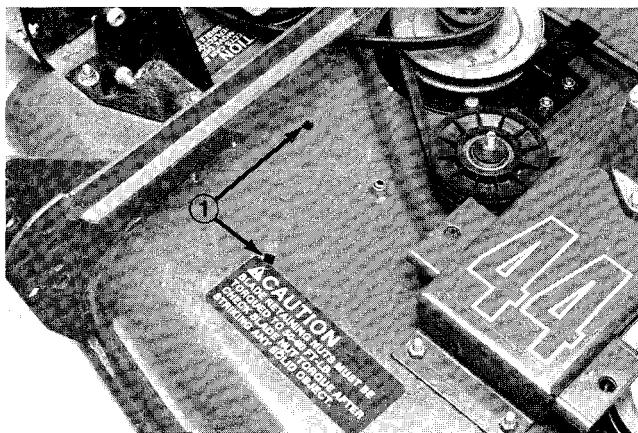


Figure 13  
1. Square holes

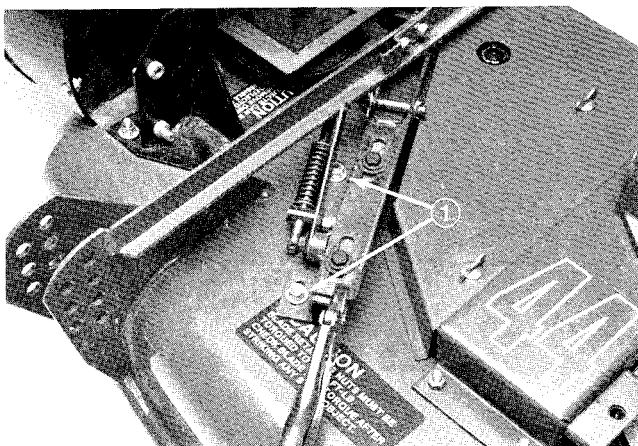


Figure 14  
1. Carriage bolts, flatwashers and nuts

## INSTALL HOPPER ASSEMBLY

**IMPORTANT:** Remove fuel tank mounting straps and raise right side of fuel tank when drilling mounting holes and installing rear bracket. Use caution when drilling holes in rear frame members, so drill does not contact fuel tank or hydraulic reservoir.

1. Align rear bracket with (4) drilled mounting holes. Secure rear bracket to machine with (4) 5/16-18x1" lg. capscrews and nuts (Fig. 15 & 16).
2. Secure front bracket to machine with (2) 5/16-18 x 1" lg. capscrews, nuts and (1) reinforcing plate. Plate to be positioned between nut and inside of frame channel on top capscrew (Fig. 15).
3. Slide hopper frame into mounting brackets, align mounting holes and secure with (5) 5/16-18 x 2" lg. capscrews and nuts (Fig. 16).
4. Mount cutting unit grass deflector (included in kit, to front of hopper frame with (2) knobs and washers when using grass catcher (Fig. 18).

**Note:** When lowering hopper top, make sure bag link pivots upward and top fits over chute (Fig. 17).



Figure 15  
1. Rear bracket  
2. Front bracket  
3. Reinforcing plate on this screw (inside frame)

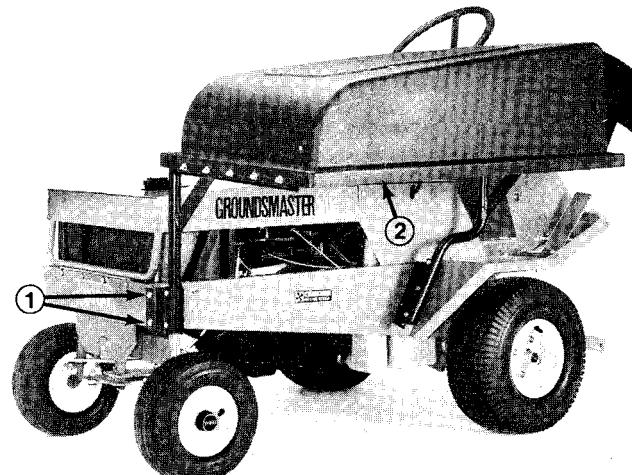


Figure 16  
1. Rear mounting holes 2. Hopper frame

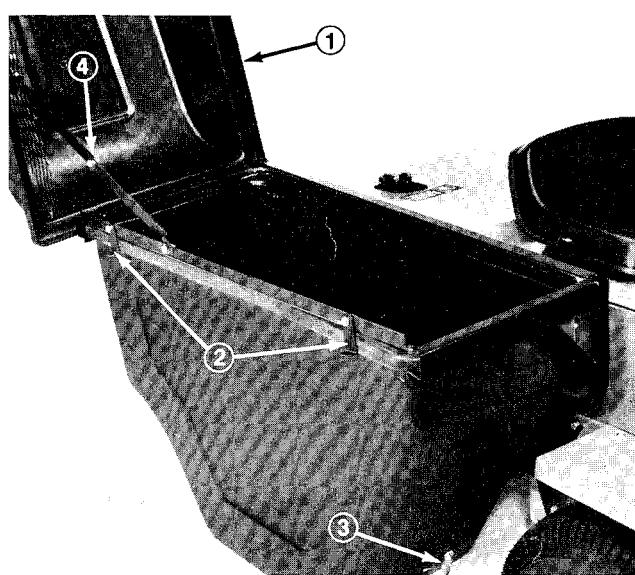


Figure 17  
1. Hopper top 3. Hopper handle  
2. Locking clips 4. Bag link

6. Mount cutting unit grass deflector (included in kit, to front of hopper frame with (2) knobs and washers, when using grass catcher (Fig. 18).

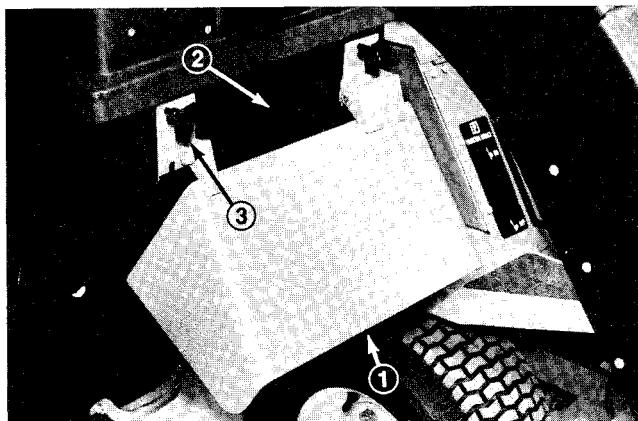


Figure 18

1. Grass deflector
2. Hopper frame
3. Knob and washer

## MOUNT BLOWER HOUSING CHUTE

1. Set deck into desired height-of-cut setting.

## OPERATING INSTRUCTIONS

### OPERATING CHARACTERISTICS



#### WARNING

When grass collector is removed, NEVER operate without deflector in place.

For best performance, regulate traction pedal to keep engine rpm high and somewhat constant. A good rule to follow is: decrease ground speed as the load on the cutting blade increases; and increase ground speed as load on the blades decreases. This allows the engine, working with the transmission, to sense the proper ground speed while maintaining high blade tip speed, necessary for good quality-of-cut, vacuuming action, and to throw grass into hopper. If blower speed drops too low, plugging may result. Refer to Cutting Unit and Traction Unit Operator's Manual for operation of each.



#### CAUTION

Use care to avoid collision between grass bag and any stationary objects. Always trim with left side of cutting unit.

2. Slide chute over blower opening and onto mounting studs (Fig. 19).

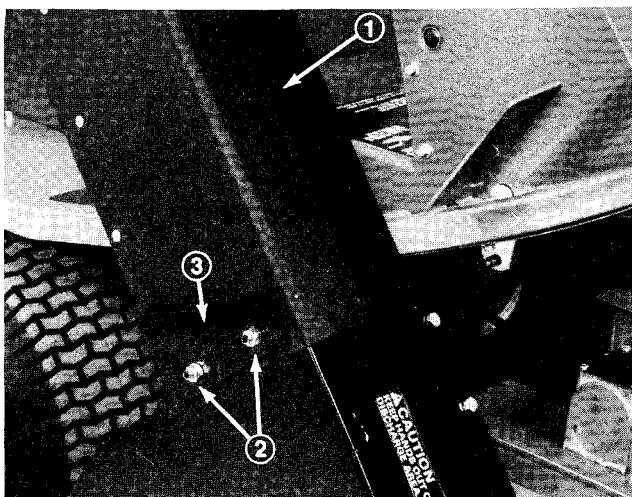


Figure 19

1. Chute
2. Mounting studs
3. Mounting bracket

3. Lower hopper hood and align chute with hood snout. Secure chute in position with locknuts and brackets. Wide end of brackets to be positioned toward rear (Fig. 19).

1. This grass collector is designed for use in wet or dry conditions. Do not collect extremely long grass as the bag will fill too quickly.

2. The grass collector hood is designed to exhaust air. This allows the hopper to fill completely without decreasing performance. Grass will fall through the opening in the front of the hood when the hopper is full. Immediately disengage the power take off, set brake, and shut off ignition. Empty hopper. Failure to empty hopper will plug the chute. After emptying hopper, check that grass clippings have not fallen into chute.

3. When bagging wet, heavy grass, some clippings may not be thrown completely through the chute. The hole in the bottom of the chute allows these clippings to drop out without plugging the chute. When this happens, reduce ground speed.

4. Optional Hi-sail blades (Toro part no. 55-4940) will give improved performance in wet cutting conditions.

5. While operating, check frequently for excessive clippings left on turf or uncut grass. If those conditions occur, the blower or cutting unit may be plugged. Stop unit, disengage PTO, set brake and shut off ignition and check for obstructions in the chute, blower or cutting unit. Clear any obstructions using a stick or similar tool. Check that screen in hood is clear of obstructions. Check blower belt tension. If slipping, readjust.



## DANGER

Never place hands or feet in chute, blower, or cutting unit.

6. Cut grass often, especially when turf growth is rapid. If shorter turf is desired, cut the grass again. Overlap swaths to produce an even cutting pattern.

**IMPORTANT:** When transporting unit, tie down grass collector hood or back unit onto truck or trailer to avoid wind throwing hood open and damaging it.

7. To remove blower assembly, disengage idler assembly, remove belt cover and lift belt off spindle pulley. Remove (2) knobs and washers securing blower to mounting brackets and remove blower and chute. Slide cutting unit grass deflector onto alignment bolts and secure to mounting brackets with knobs and washers. Reinstall belt cover (Fig. 20).

**Note:** If blower assembly or grass deflector do not easily slide on or off mounting brackets, loosen alignment bolts slightly.

8. Reverse procedure to reinstall blower assembly.

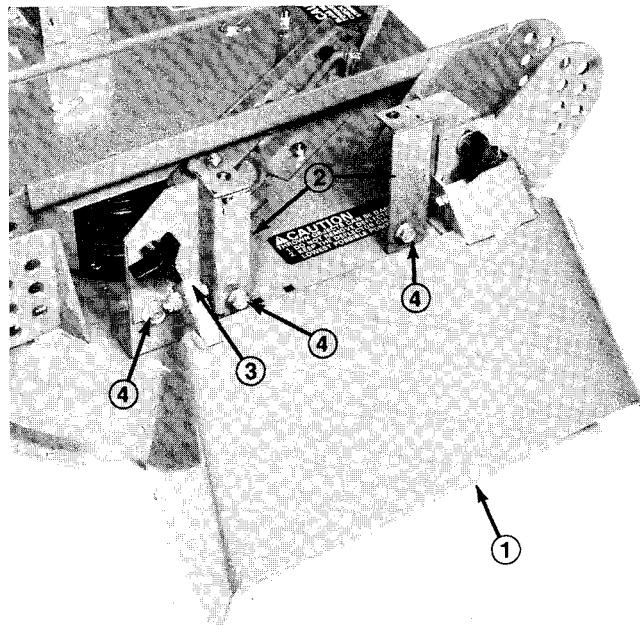


Figure 20

1. Grass deflector
2. Mounting brackets
3. Knob and washer
4. Alignment bolts

## MAINTENANCE

1. Keep unit clean, checking that engine cooling fins are free of dirt and chaff. Make sure all fasteners are tight. Check baffles and shields for wear and replace as needed.

2. Check gearbox impeller for tightness every 50 hours. Torque impeller shaft bolt to 220-230 in.-lbs.

3. Clean grass clippings from hood, chute, blower, and cutting unit after each use. Wash underside of cutting unit daily with hose. An excessive buildup of clippings will impair bagging performance.

4. Check belt tension and wear every 50 hours. To adjust belt tension, loosen idler mounting screws, engage idler lever and push idler pulley firmly into blower belt. Tighten mounting screws.

5. The blower gear box should need little maintenance. Check for leakage every 50 hours. If leakage should occur, replace seals and refill with two oz of high quality moly di-sulfide grease. Repack bearings with same before assembling.

6. Refer to Cutting Unit and Traction Unit Operator's Manuals for service requirements of each.

## MAINTENANCE RECORD

## MAINTENANCE RECORD

# The Toro Promise

## A ONE YEAR LIMITED WARRANTY

*The costs of parts and labor are included, but the customer pays the transportation costs on walk rotary mowers with cutting unit widths of less than 25".*

Commercial Products . . . . . 1 Year

*The costs of parts and labor are included, but the customer pays the transportation costs on walk rotary mowers, trimmers and blowers.*

If you feel your TORO product is defective and wish to rely on The Toro Promise, the following procedure is recommended:

1. Contact your Authorized TORO Distributor or Commercial Dealer (the Yellow Pages of your telephone directory is a good reference source).
2. The TORO Distributor or Commercial Dealer will advise you on the arrangements that can be made to inspect and repair your product.
3. The TORO Distributor or Commercial Dealer will inspect the product and advise you whether the product is defective and, if so, make all repairs necessary to correct the defect without an extra charge to you.

If for any reason you are dissatisfied with the distributor's analysis of the defect or the service performed, you may contact us.

Write:

TORO Commercial Products Service Department  
8111 Lyndale Avenue South  
Minneapolis, Minnesota 55420

The above remedy of product defects through repair by an Authorized TORO Distributor or Commercial Dealer is the purchaser's sole remedy for any defect.

**THERE IS NO OTHER EXPRESS WARRANTY. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY.**

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This Warranty applies only to parts or components which are defective and does not cover repairs necessary due to normal wear, misuse, accidents, or lack of proper maintenance. Regular, routine maintenance of the unit to keep it in proper condition is the responsibility of the owner.

All warranty repairs reimbursable under the Toro Promise must be performed by an Authorized TORO Commercial Dealer or Distributor using Toro approved replacement parts.

Repairs or attempted repairs by anyone other than an Authorized TORO Distributor or Commercial Dealer are not reimbursable under the Toro Promise. In addition, these unauthorized repair attempts may result in additional malfunctions, the correction of which is not covered by warranty.

**THE TORO COMPANY IS NOT LIABLE FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF THE PRODUCT INCLUDING ANY COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIPMENT OR SERVICE DURING PERIODS OF MALFUNCTION OR NON-USE.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

### COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their TORO Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any reason

you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.