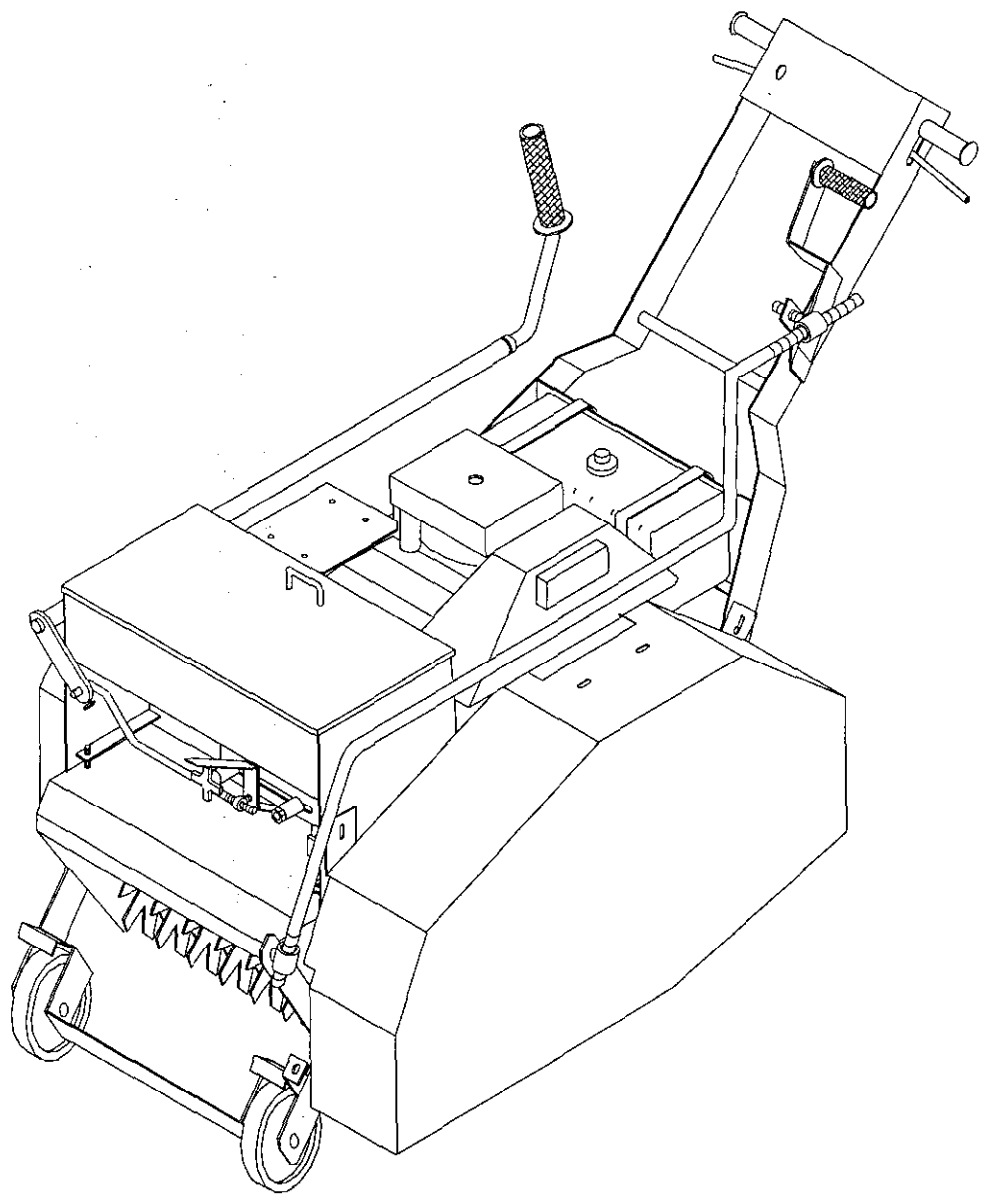
FORM NO. 01-502-0090

TORO®

MODEL NO. 44800 - 20101 & UP

OPERATOR'S MANUAL

AEROSEEDER 84



FOREWORD

Thank you for buying a high quality Toro turf care product. To get the best performance from this machine, operate and maintain it according to the instructions in this manual.

Toro also wants to stress the importance of safety. You and anyone else using or maintaining this machine are strongly urged to read this manual, especially all the safety instructions.

DANGER, WARNING and CAUTION, used with the triangular safety alert symbol, highlight safety messages. Always read and understand these messages because they relate to personal injury and your safety.

If you ever need help or have questions about your new Toro turf care product, contact your local Authorized Toro Distributor. The Toro Distributor has a complete supply of replacement parts, a full line of accessories and a professional service staff to support you. Keep your Toro all Toro. Buy genuine Toro parts and accessories.

TABLE OF CONTENTS

SAFETY INSTRUCTIONS

The safety alert symbol means CAUTION, WARNING or DANGER- "personal safety instruction". Read and understand the instruction because it has to do with safety. Failure to comply with the instruction may result in personal injury.

BEFORE OPERATING

1. Read and understand all operating and safety instructions. Before operating this unit, become familiar with all controls and know how to stop quickly. A replacement manual is available by sending complete Model and Serial Number to:

The TORO Company
100 Industrial Parkway
Industrial Airport, Ks 66031

2. Before each use, be sure all bolts and nuts are tight.

3. **NEVER** modify this equipment in any manner.

4. **NEVER** operate the machine when under the influence of drugs or alcohol.

5. **NEVER** allow children to operate this machine. **NEVER** allow adults to operate without proper instruction.

6. Keep all shields and safety devices in place. If a shield or safety decal is damaged, repair or replace it before operation is commenced.

7. Fill fuel tank before starting the engine. Avoid spilling any fuel. Handle fuel carefully.

A. Use a approved container.

B. **DO NOT** fill fuel tank when engine is hot or running.

C. **DO NOT** smoke while handling fuel.

D. Fill fuel outdoors and up to about one inch from the top of the tank.

E. Wipe up any spilled fuel.

SAFETY INSTRUCTIONS (Continued)

WHILE OPERATING

DANGER

TO MINIMIZE THE RISK OF PERSONAL INJURY OR DEATH COMPLY WITH THE FOLLOWING SAFETY OPERATING INSTRUCTIONS.

- Read and understand operator's manual before operating this machine.
- Keep hands, feet, and clothing away from thatcher blades, discs or tines and all other moving parts.
- If machine jams or becomes clogged, shut off engine and wait for all moving parts to stop. Remove spark plug wire before servicing.
- **Never** operate without proper guards in place.
- **Never** allow children to operate this machine. **Never** allow adults to operate without proper instructions.
- **Never** leave operating unit unattended. Stop engine and remove key before leaving work area.
- **Never** run engine in an enclosed area. Exhaust gasses contain poisonous carbon monoxide fumes.
- Keep bystanders away while machine is operating.

Replacement manual available by sending complete model number to: The Toro Company, 100 Industrial Parkway, Industrial Airport, Ks. 66031

8. Keep hands, feet and clothing away from thatcher blades, discs or tines and all other moving parts.

9. **NEVER** start the engine with the blades in the ground.

10. Always disengage the blades when transporting.

11. Immediately after hitting a hard object, stop the engine and check the blades and blade shaft for damage.

12. **NEVER** clamp or fasten the forward or reverse clutch levers. They must remain free to stop immediately.

13. If machine jams or becomes clogged, shut off engine and wait for all moving parts to stop. Remove spark plug wire before servicing.

14. **NEVER** leave operating unit unattended. Stop engine and remove key before leaving work area.

15. **NEVER** put hands or feet inside the seed box while engine is running.

MAINTENANCE

DANGER

TO AVOID FIRE HAZARD:

- Keep leaves, grass and other combustible material away from hot engine muffler.

16. Remove key from ignition switch to prevent accidental starting of the engine when servicing, adjusting or storing.

17. If major repairs are ever needed or assistance is desired, contact an Authorized TORO Distributor.

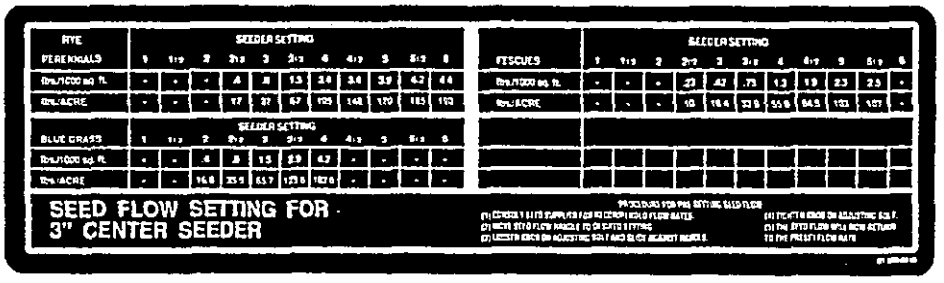
18. Make sure machine is in safe operating condition by keeping nuts, bolts and screws tight.

19. Do not over speed the engine by changing the governor settings. Maximum speed with no load is 3400 RPM.

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

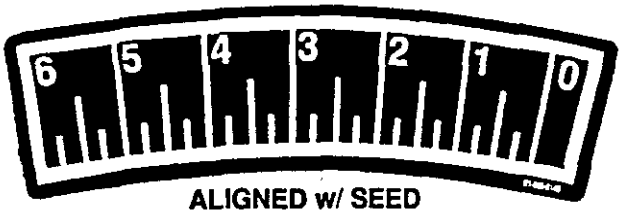
SAFETY & INSTRUCTION DECALS

The following safety and instruction decals are installed on the unit. Replace any decals that becomes damaged or illegible. Part numbers for decals are listed below and in your Parts Catalog. Order replacements from your Toro Distributor.



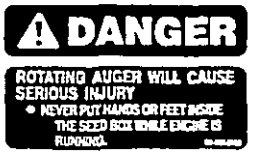
REAR SEED BOX
(Part No. 01-506-0610)

ON REMOTE SEED HANDLE
(Part No. 01-506-0550)

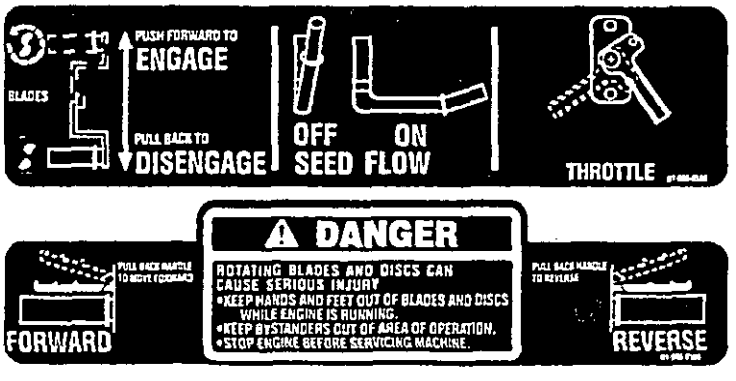


ALIGNED w/ SEED
HANDLE POINTER
(Part No. 01-506-0140)

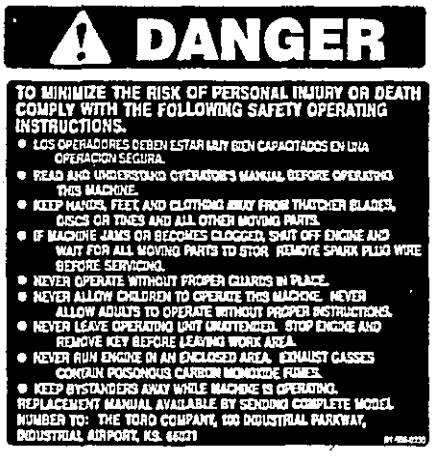
(Part No. 01-506-0030)



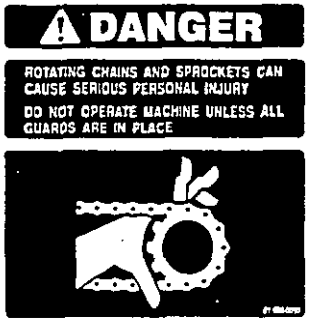
INSIDE SEED BOX LID
(Part No. 01-506-0100)



ON HANDLE ASSEMBLY
(Part No. 01-506-0580)



ON BELT GUARD
(Part No. 01-506-0330)



ON CHAIN GUARD
(Part No. 01-506-0050)

ON BELT GUARD
(Part No. 01-506-0040)

SPECIFICATIONS

Dimensions:
Length: 56"
Width: 29 1/2"
Height: 30"

Engine: 18 HP, IC Briggs & Stratton

Hand Clutch: Mounted beside hand grip for easy operation of forward drive and stopping.

Frame: All welded steel construction

Throttle: Console mounted.

Safety Shields: All moving parts are shielded for safety.

Transport Wheels: (2) 6"dia. plastic guide wheels mounted on a variable depth control linkage.

Rear Drive Roller: (7) 6" dia. rubber wheels welded to axle. Chain drive.

Bearings: Sealed and self aligning.

Thatching Width: 18" (6 blades on 3" centers)

Thatching Depth: Adjustable, 0 - 2 1/2"

Blades: (6) 12 ga., 10 pt., replaceable

Shaft: 1 1/2" hex, high carbon steel.

Engaging Mechanism: Powerband belt (3 groove) from engine to thatcher reel. Designed to start rotation when reel is lowered and to stop when raised.

Ground Speed: 3 MPH with a Max. of 5 MPH

Seeding Width: 18" (6 grooves, 3"centers).

Frame & Seeder Box: All welded steel construction.

Seed Agitator: 3/4" round shaft with (6) augers welded at 81 degree angles.

Discs: (6) 7 7/8" dia., replaceable.

Seed Tubes: (6) 3" centers.

BEFORE OPERATING

CONNECT BATTERY

1. Remove the chain guard from the right hand side.

2. Set battery on frame with terminal posts toward engine.

3. Mount the Battery Brackets on both sides and secure with the 3/8 x 2 all thread bolts.

4. Install the positive cable to the positive (+) terminal and the negative cable to the negative (-) terminal of the battery and secure with carriage bolts and wing nuts.

CHECK ENGINE OIL

The Briggs engine is shipped with 1-1/2 quarts of oil in the crankcase; however, level of oil must be checked before and after the engine is first started.

1. Position machine on a level surface.

2. Remove dipstick and wipe it with a clean rag. Push dipstick down into dipstick tube and make sure it is seated fully. Pull dipstick out and check level of oil. If oil is low, add enough oil to raise level to FULL mark on dipstick.

3. The engine uses any high-quality detergent oil having the American Petroleum Institute-API-"service classification" SF/CC/ or CD. Oil velocity recommendations are: SF-CC 10W30.

IMPORTANT: Check level of oil after every 5 hours of operation or daily. Change oil after every 50 hours of operation and change the oil filter after the first 50 hours and every 100 hours thereafter. Change oil and filter more frequently when engine is operated in extremely dusty or dirty conditions.

FILL FUEL TANK WITH GASOLINE

THE TORO COMPANY STRONGLY RECOMMENDS THE USE OF CLEAN, FRESH UNLEADED REGULAR GASOLINE POWERED PRODUCTS. UNLEADED GASOLINE BURNS CLEANER, EXTENDS ENGINE LIFE, AND PROMOTES GOOD STARTING BY REDUCING THE BUILD-UP OF COMBUSTION CHAMBER DEPOSITS. LEADED GASOLINE CAN BE USED IF UNLEADED IS NOT AVAILABLE.

Note: Do not mix oil with gasoline. Never use methanol, gasoline containing methanol, gasohol, gasoline additives, premium gasoline or white gas because engine/fuel system damage could result.

1. Remove cap from the fuel tank and fill the 8 quart tank to within 1 inch from the top with unleaded gasoline. Install fuel tank cap tightly.

2. Wipe up gasoline that may have spilled to prevent a fire hazard.

DANGER

Because gasoline is flammable, caution must be used when storing or handling it. Do not fill fuel tank while engine is running, hot or when machine is in an enclosed area. Vapors may build up and be ignited by a spark or flame source many feet away. **DO NOT SMOKE** while filing the fuel tank to prevent the possibility of an explosion. Always fill fuel tank outside and wipe up any spilled gasoline before starting engine. Use a funnel or spout to prevent spilling gasoline before starting engine and fill tank to about 1 inch below the filler neck. Store gasoline in a clean safety approved container and keep the cap in place on the container. Keep gasoline in a cool, well ventilated place; never in an enclosed area such as a hot storage shed. To assure volatility, do not buy more than a 30 day supply of gasoline. Gasoline is a fuel for internal combustion engines; therefore, do not use it for any other purpose. Since many children like the smell of gas, keep it out of their reach because the fumes are explosive and dangerous to inhale.

CONTROLS

LIFT HANDLE (Fig. 1)

The lift handle controls the blade engagement and the depth of the blades. There are two positions for the lift handle:

A. Transport Position: Used to transport the unit. The blades are out of the ground and not rotating. The lift handle must be pulled back until it locks over center.

B. Engaged position: Pushing the handle forward allows the front wheels to pivot causing the thatcher blades to start turning and to dig into the ground at the same time.

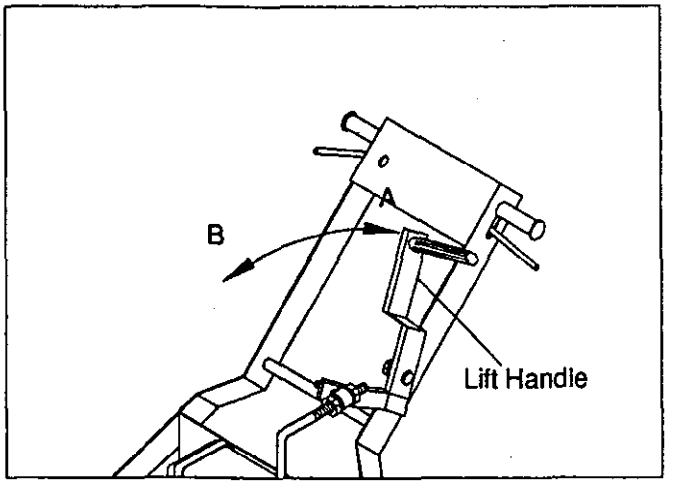


Figure 1

FORWARD/REVERSE (Fig. 2)

The forward and reverse levers are the self propelling controls. Squeezing the levers engages them.

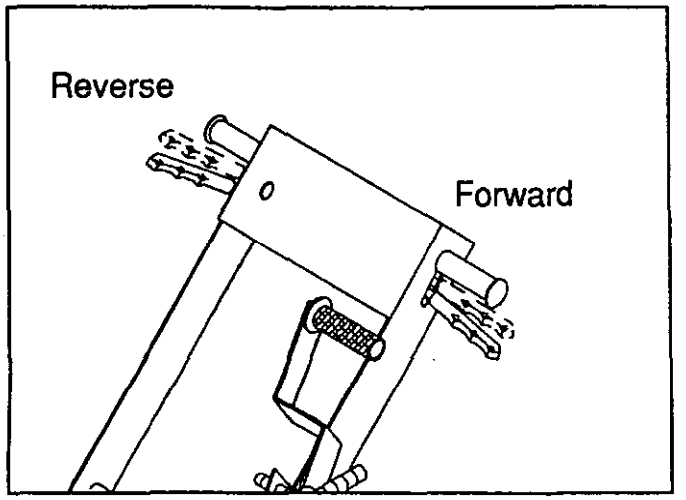


Figure 2

REMOTE SEED SHUT-OFF (Fig. 3)

The remote seed shut off is used to shut off the seed flow from the operator's position.

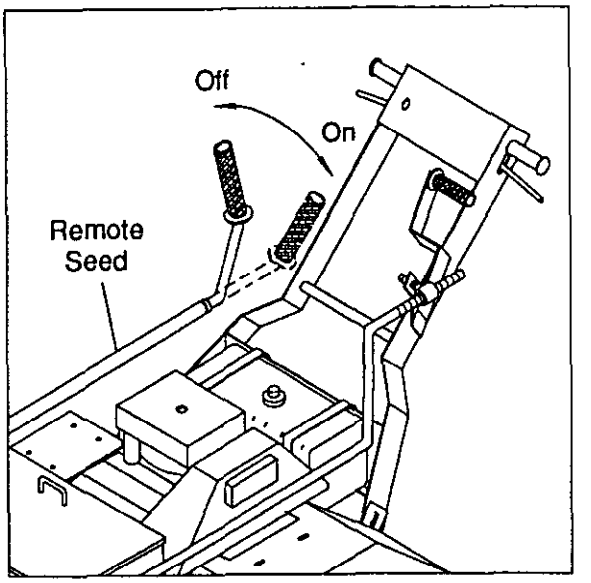


Figure 3

SEED FLOW HANDLE (Fig. 4)

The seed flow handle controls the amount of seed being applied. The seed flow is adjusted by moving the seeder handle (A) to the left or right. Moving the handle to the left increases the flow of seed. After the adjustment has been made, move the adjustment bolt and knob (B) against the handle and tighten. The seed flow rate will be set for future applications.

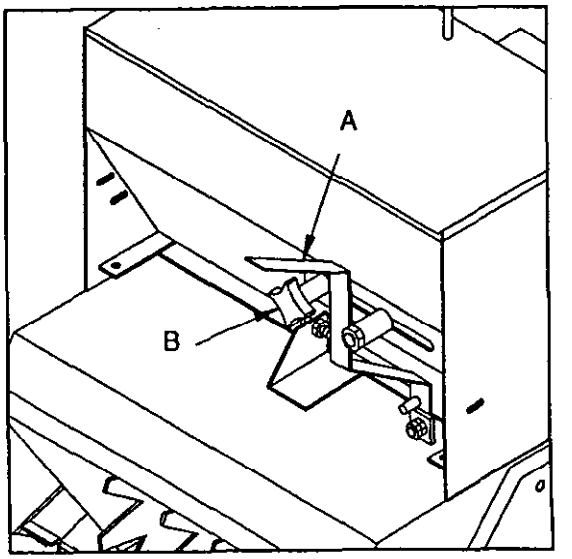


Figure 4

OPERATING INSTRUCTIONS

⚠ DANGER

- Rotating belts, pulleys, chains and sprockets can cause serious injury.
- DO NOT operate machine unless all guards are in place

1. Fill the hopper with the desired amount of seed.

⚠ CAUTION

Before starting the engine, be sure the blades and wheels are in the transport position. Always stand behind or beside the unit when starting.

2. Switch the toggle on the engine to the "ON" position. Pull the throttle lever to 1/2 open and depress the starter button. Brief choking is usually necessary.

3. Standing behind the handle, squeeze the forward clutch lever slightly until the unit begins to move. Practice starting, stopping, reversing and maneuvering the unit.

4. Once you have become familiar maneuvering the unit, pull the throttle to full throttle.

5. Using the forward control, transport to the area to be thatched and/or seeded.

6. With the machine running and on earth surface, lower the blades by pushing the lift handle forward.

7. Engage the remote seed handle to start the seed flow.

8. Run the unit 10 to 20 feet and completely shut down the engine.

9. Check to see that groove depth is correct and seed is flowing properly. When over seeding established turf areas, a depth of 1/4" to 1" is recommended.

10. Make any adjustments necessary to the blade depth and seed flow.

11. Begin thatching and/or seeding.

⚠ DANGER

- **Never** leave operating unit unattended. Stop engine and remove key before leaving work area.
- **Never** run engine in an enclosed area. Exhaust gasses contain poisonous carbon monoxide fumes.

LUBRICATION

GREASE FITTINGS

Grease the fitting in the remote seed handle tube weekly or every 40 operating hours. Use a No. 2 Lithium based grease.

DRIVE CHAIN

Always maintain a light coat of grease on the drive chain.

MAINTENANCE

⚠ DANGER

If machine becomes clogged, shut off engine and wait for all moving parts to stop. Remove spark plug wire before servicing.

BLADE DEPTH ADJUSTMENT (Fig. 5)

The depth of the blades is determined by the blade depth adjustment bolt (D, Fig. 6). Loosen the hex nut then turn bolt clockwise to allow blades to penetrate deeper. The blades are lowered when the transport wheels are pivoted up, activated by the elevation lever (A) that is connected to the engage handle.

The linkage of the elevation lever may be adjusted by moving the depth pivots (B) up or down with the hex nuts. This adjustment is factory set and usually never needs to be changed. If replacing the elevation lever or readjusting the unit, first put the seeder in transport position. Then adjust the lever until the disc is 1/16" to 1/8"from the ground. If the lever is not adjusted accordingly, when transporting, the disc will make grooves in the ground.

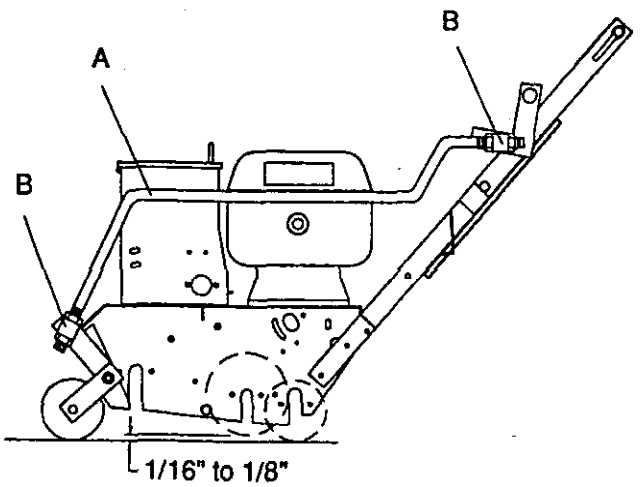


Figure 5

DISC & SEED CHAIN ADJUSTMENT (Fig. 6)

1. **SEED CHAIN:** The seed chain (E) is adjusted by moving the chain adjustment link located inside the frame on the bearing slot (A). Adjust downward to increase tension. A 1/8" deflection is recommended.

NOTE: DO NOT over tighten as damage can occur to the seed shaft.

2. **DRIVE/DISC CHAIN:** The idler sprocket (B) is designed to adjust and retain the tension of the disc chain (F). To adjust turn the jam nuts (C) on end of spring rod. Turn clockwise to increase tension and counterclockwise to decrease tension. A 1/8" deflection is recommended.

NOTE: DO NOT over tighten as damage can occur to the seed shaft.

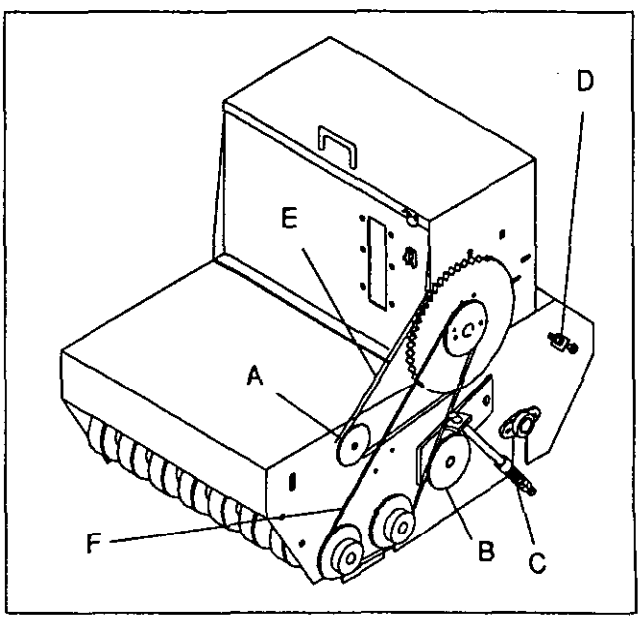


Figure 6

MAINTENANCE (Continued)

BLADE & DRIVE BELT ADJUSTMENT (Fig.7)

1. **BLADE SHAFT BELT (G):** The idler pulley (A) is designed to disengage the belt while in transport position. Idler pulley adjustment is done with the idler arm adjustment bolt (C). Loosen jam nut then adjust bolt until the correct tension is achieved, then re-tighten jam nut.

2. **FORWARD DRIVE BELT (H):** The idler pulley (B) is designed to adjust the tension on the drive belt. It can be adjusted by moving the pulley itself back and forth on the slot it is mounted. There is also adjustment by moving the pulley (D) on the bearing slot. A downward movement increases tension.

3. **REVERSE DRIVE BELT (J):** The tension of the reverse drive belt is adjusted by moving the pulley arm (E) up and down on the slot it is mounted. The tension of the arm is adjusted with the spring (F). The arm should move freely on the pivot point with the spring adjusting the release.

4. **BELT SLIP PINS:** All belt slip pins and brackets are adjusted when the belts are in the engaged position. After engaging the belt (with engine OFF), set the pin or bracket 1/16"away from the belt. When disengaged, the belt rubs against the pin to aid in stopping the belt.

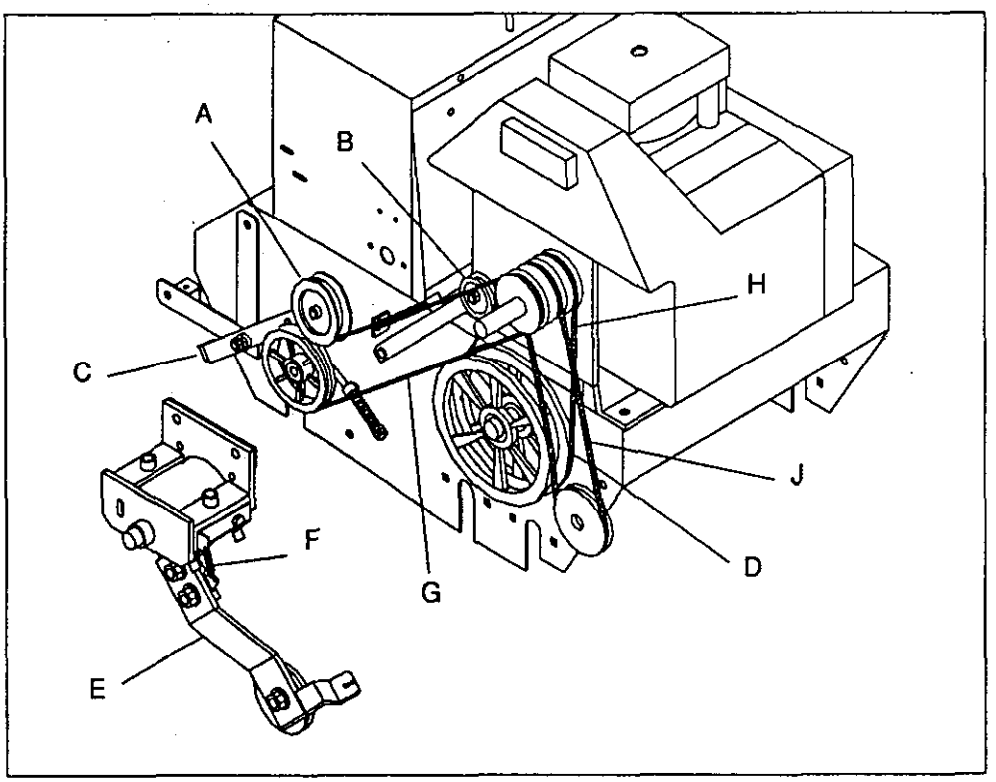


Figure 7

DETERMINING SEED FLOW SETTINGS

The Aeroseeder 84 is designed to plant 6 rows of seed,spaced 3" apart, 1/2" to 2" below the surface. Each swath of the seeder can be calculated at 18".

For any calculation involving seed, the weight and size of individual seed must be taken into account.

For instance, the approximate number of seed per pound for these varieties of seed are as follows:

RYE ..... 235,000/LB.
BLUEGRASS ..... 1,800,000/LB.
FESCUE ..... 515,000/LB.

Also the sizes of the seed vary greatly. To allow for the differences of size and weight of different varieties of seed, a study of seed flow rates for TORO SEEDERS was made. Data was collected and used to tabulate the following charts.

SEED FLOW SETTINGS FOR 3" CENTER SEEDERS

RYE, PERENNIALS	SEEDER SETTING 1	1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6
lbs./1000 sq. ft.	—	—	—	.4	.8	1.5	2.4	3.4	3.9	4.2	4.4
lbs./ACRE	—	—	—	17	37	67	105	148	170	185	190

BLUEGRASS	SEEDER SETTING 1	1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6
lbs./1000 sq. ft.	—	—	.4	.8	1.5	2.9	4.2	—	—	—	—
lbs./ACRE	—	—	16.6	35.5	65.7	125.8	182.6	—	—	—	—

FESCUES	SEEDER SETTING 1	1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5	5-1/2	6
lbs./1000 sq. ft.	—	—	—	.23	.42	.75	1.3	1.9	2.3	2.5	—
lbs./ACRE	—	—	—	10	18.4	32.9	55.8	84.5	102	107	—

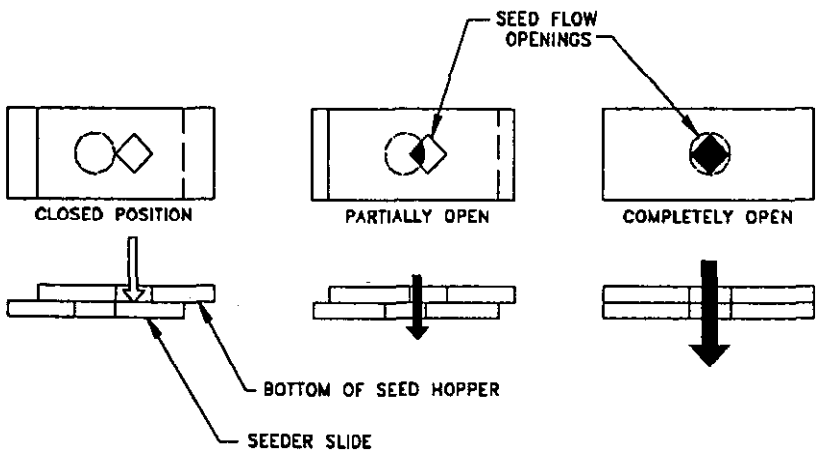
PROCEDURE FOR PRE-SETTING SEED FLOW

(1) Consult Seed Supplier For Recommended Flow Rate.
(2) Move Seed Flow Handle To Desired Setting.
(3) Loosen Knob On Adjusting Bolt And Slide Against Handle.
(4) Tighten Knob On Adjusting Bolt.
(5) The Seed Flow Will Now Return To Preset Flow Rate.

The data shown in the charts is provided only as a guide. It is advisable to experiment to find the setting and seed quantity based on your machine and your variety or mixture of seed. A record of your setting and size of the area seeded along with the results can be recorded on the chart provided at the back of this manual. If used, this chart will become a handy reference in ordering future seed quantities and the desired flow rate (seeder setting).

If you are using a mixture, the relative seed size of the different grasses should be taken into account. Generally speaking, it is best to adjust the opening for the largest size seed. If guess work is involved, it is best to over-seed slightly than to under-seed.

The rate of seed that will flow is determined by the position of the holes in the bottom of the seeder box to the holes in the seeder slide. Below are simplified drawings to illustrate how this mechanism works.



DETERMINING SEED FLOW SETTINGS (Continued)

CALCULATING LBS. OF SEED NEEDED FOR 1000 SQ. FT.

Area In Terms Of Square Ft. Method:

To calculate seed quantities needed for a given area, a proportion is set up using the information from the charts:

EXAMPLE:

An area of land 200' x 75' is to be seeded in Fescue at a setting of 5.

1. Determine the area in square feet:

200' x 75' = 15,000sq.ft.

2. Refer to charts (column titled Lbs/1,000 Sq. Ft.)

Fescue: 2.4 lbs. for 1,000 sq. ft. at a setting of 5.

3. Set up a proportion:

2.4 lbs./1,000 sq. ft. = x lbs./15,000 sq. ft.

4. Cross multiply:

(2.4 lbs.)x(15,000 sq. ft.) = (x lbs.)x(1,000sq. ft.)

36,000 sq. ft./1,000 sq. ft. = (x lbs.)

36 lbs. = x

CALCULATING LBS. OF SEED NEEDED - ACRES METHOD

Area In Terms Of Acres Method:

If you know the area to be seeded in terms of acres or fractions of an acre, it is a simple matter to find the number of pounds required.

EXAMPLE:

5-1/2 acres to be planted in Bluegrass at a setting of 4.

1. Refer to charts (column titled Lbs./Acre)

Bluegrass: 277 lbs./acre at a setting of 4.

5.5 acres x 277lbs. = 1523.5 lbs. TOTAL

NOTE: A large area in terms of square feet can be converted to acres by dividing by 43,560 (the number of square feet in an acre).

TROUBLESHOOTING

CONDITION	CAUSE	CORRECTION
BLADES NOT ROTATING	• Check belt, may be broke or tension too sloppy.	• Replace belt or adjust tension. See Blade Shaft Belt Adjustments in manual.
	• Check sheaves if turning with shafts, a key may be sheared.	• Replace key.
	• Make sure blades are tight on shaft, jam nut may have worked loose.	• Replace any damaged parts and/or tighten jam nut.
NOT DROPPING SEED	• Seed handle is in off position or set too low for large seed.	• Adjust handle.
	• Check chain, may be broke or tension too sloppy. Chain should have a 1/8" deflection.	• Replace chain or adjust tension. See seed chain adjustments.
	• End of seed tubes may be clogged with dirt.	• Clean out dirt from tubes.
	• Check too see if paddle is turning. A key may be sheared on sprocket.	• Replace key.
	• Seed clogged inside hopper flaps may be damaged.	• Replace flaps or any damaged parts.
DISC NOT ROTATING	• Check chain. May be broke or tension too sloppy.	• Replace chain or adjust tension. See seed chain adjustments in manual.
	• Check sprockets if turning with shaft, a key may have sheared.	• Replace key.
NO FORWARD MOVEMENT	• Look at cable. May be broke or has become too sloppy.	• Replace or adjust cable.
	• Check belt, it may be broke or tension not correct.	• Replace belt or adjust tension. See drive belt adjustments in manual.
	• Check drive chain, it may be broke.	• Replace chain.
	• A key could be sheared on the sprocket.	• Replace key.

TROUBLESHOOTING (Continued)

CONDITION	CAUSE	CORRECTION
BLADES NOT GOING INTO GROUND	• Blades worn beyond 10" diameter.	• Replace blades.
	• Adjustment not correct on elevation lever. When in idle position the disc should be approx. 1/16 - 1/8" off ground.	• Adjust elevation lever until correct height is achieved. See Blade Depth Adjustment in manual.
	• Blade depth adjustment bolt set too high allowing blades to be above the ground.	• See Blade Depth Adjustments in manual.

STORAGE

1. Thoroughly clean the Aeroseeder.

2. Clean all remaining seed from inside the seed hopper.

3. Check all fasteners and tighten as necessary.

4. Grease or oil all grease fittings. Wipe off excess lubricant (see Lubrication, page 10).

5. Check the tension and condition of the drive chain. Adjust the tension if necessary and lightly coat the chain with grease.

6. Check the tension and condition of the drive belt. Replace or adjust tension.

7. Service the battery and cables as follows:

   A. Remove the battery terminals from the battery posts.

   B. Clean the battery, terminals and posts with a wire brush and baking soda solution.

   C. Coat the cable terminals and battery posts with Grafo 112X skin over grease (Toro Part Number 505-46), or petroleum jelly to prevent corrosion.

   D. Slowly recharge the battery every 60 days for 24 hours to prevent lead sulfating of the battery.

ENGINE

1. Drain the engine oil from the oil pan and replace drain plug.

2. Remove and discard the oil filter. Install a new oil filter.

3. Refill oil pan with 1-1/2 quarts of SF - CC, 10W30 motor oil.

4. Start the engine and run at idle speed for approximately two minutes.

5. Stop the engine.

6. Thoroughly drain all fuel from the fuel tank, lines and the fuel pump filter.

7. Flush the fuel tank with fresh clean gasoline.

8. Re-secure all fuel system fittings.

IDENTIFICATION & ORDERING

MODEL AND SERIAL NUMBER

The AEROSEEDER 84 has two identification numbers: a model number and serial number. The two numbers are stamped on a plate which is riveted at the top of the handle. In any correspondence concerning the AEROSEEDER 84, supply model and serial numbers to be sure that the correct information and replacement parts are obtained.

To order replacement parts from an authorized TORO Distributor, supply the following information.

1. Model and Serial numbers of the machine.

2. Part number, description and quantity of parts desired.

Note: Do not order by reference number is a parts catalog is being used; use the part number.

MAINTENANCE CHART

Date	Hours Used	Oil Change	Lubrication	Belts	Chains	Storage		

MAINTENANCE CHART

Date	Hours Used	Oil Change	Lubrication	Belts	Chains	Storage		

MAINTENANCE RECORD

Date								

The Toro Promise

A ONE YEAR LIMITED WARRANTY

The Toro Company promises to repair your TORO Product if defective in materials or workmanship. The following time periods from the date of purchase apply:

Commercial Products ..... 1 Year

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

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 the 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.