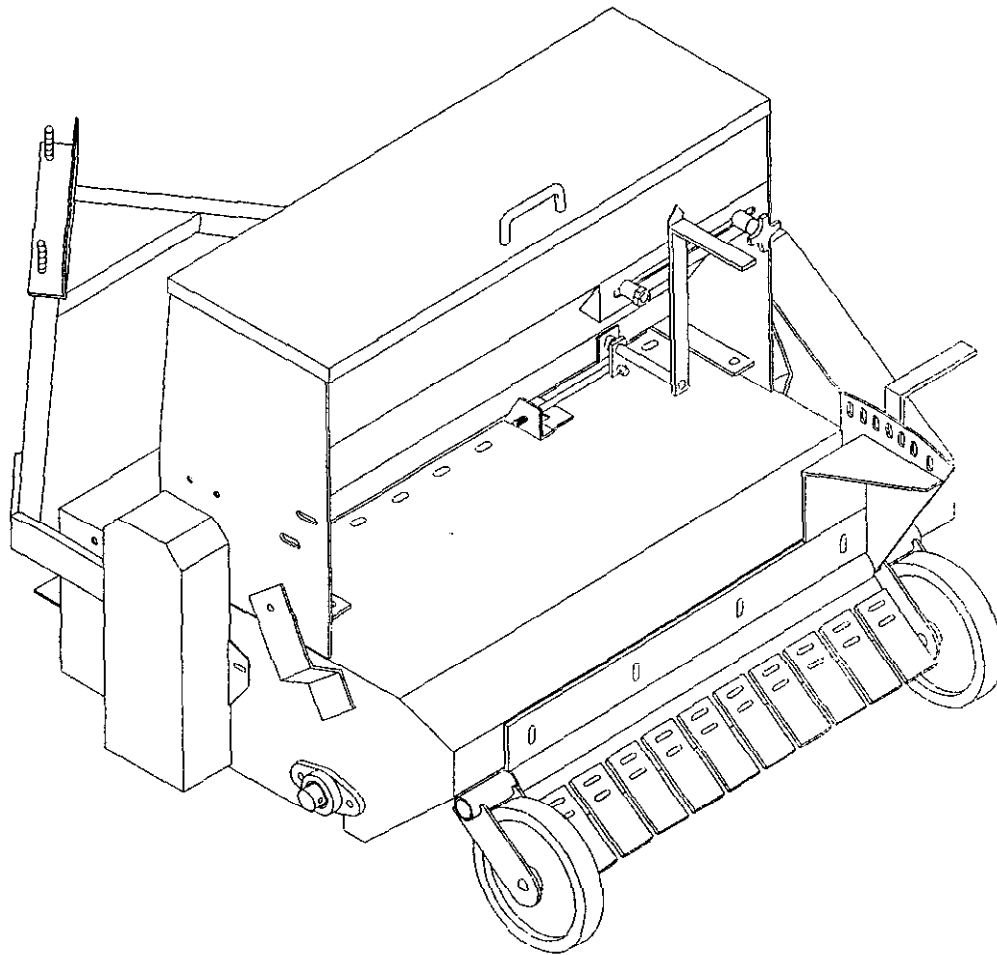




MODEL NO. 44815 - 20101 & UP

OPERATOR'S
MANUAL

AEROSEEDER 82
Attachment For Groundsmaster® 300 Series



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.

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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
8111 Lyndale Avenue South
Minneapolis, Minnesota

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 New Century Parkway, New Century, Ks. 66031

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

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

3. Always disengage the blades when transporting.

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

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

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

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

8. **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.

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

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

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

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

5. 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.

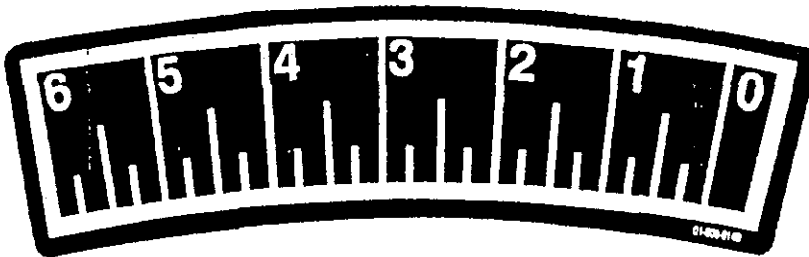
| RYE | | SEEDER SETTING | | | | | | | | | | FESCUES | | SEEDER SETTING | | | | | | | | | | | |
|-------------------|--|----------------|-------|------|-------|------|-------|-------|-------|-----|-------|---------|--|----------------|---|-------|---|-------|------|-------|------|-------|-----|-------|---|
| PERENNIALS | | 1 | 1 1/2 | 2 | 2 1/2 | 3 | 3 1/2 | 4 | 4 1/2 | 5 | 5 1/2 | 6 | | | 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 | 5 | 15 | 24 | 34 | 39 | 42 | 44 | | | - | - | - | 23 | 42 | 75 | 113 | 151 | 231 | 251 | - |
| lbs./ACRE | | - | - | - | 17 | 21 | 61 | 105 | 145 | 170 | 185 | 193 | | | - | - | - | 10 | 18.4 | 32.9 | 55.9 | 84.5 | 122 | 137 | - |
| BLUE GRASS | | SEEDER SETTING | | | | | | | | | | | | | | | | | | | | | | | |
| PERENNIALS | | 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 | 5 | 15 | 25 | 42 | - | - | - | - | | | | | | | | | | | | | |
| lbs./ACRE | | - | - | 16.6 | 23.5 | 65.7 | 125.6 | 182.6 | - | - | - | - | | | | | | | | | | | | | |

SEED FLOW SETTING FOR
3" CENTER SEEDER

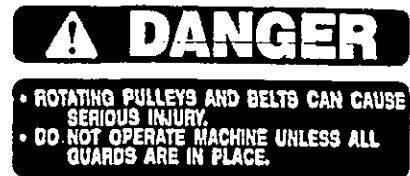
PROCEDURE FOR PRE SETTING SEED FLOW:
(1) CONSULT SEED SUPPLIER FOR RECOMMENDED FLOW RATE.
(2) MOVE SEED FLOW HANDLE TO DESIRED SETTING.
(3) LOADEN SPOKE ON ADJUSTING BOLT AND SLOPE AGAINST HANDLE
(4) TIGHTEN SPOKE ON ADJUSTING BOLT.
(5) THE SEED FLOW WILL NOW RETURN TO THE PRESET FLOW RATE.

01-506-0610

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



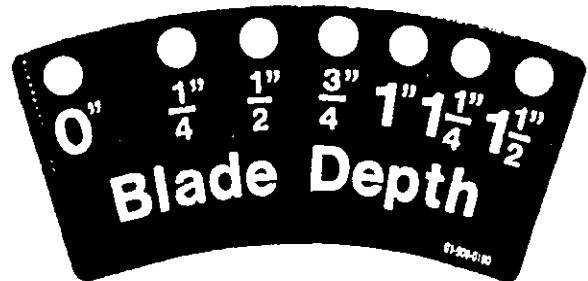
ALIGNED w/ SEED
HANDLE POINTER
(Part No. 01-506-0140)



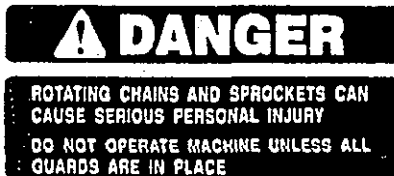
ON BELT GUARD
(Part No. 01-506-0040)



ON PTO GUARD
(Part No. 01-506-0130)



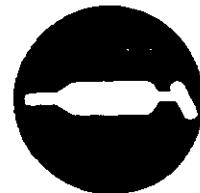
ON WHEEL MOUNT
(Part No. 01-506-0190)



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



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



NEAR BEARINGS &
GREASE POINTS
(Part No. 58-6520)

SPECIFICATIONS

POWER SOURCE: Thatcher - Tractor's PTO.
Seeder - Ground driven.

BLADE SHAFT: 1-1/2" hex, high carbon steel.

THATCHER BLADES: (10) 12 ga., 10pt., 3" spacing, heat treated steel.

THATCHING DEPTH: 0 - 1-1/2", recommended depth while seeding is 1/4".

SEED DISCS: (10) 12 ga., with dirt scraper springs to keep them clean.

SEED AGITATOR: 3/4" round shaft with (4) rubber flaps at right angles.

SLIT SEEDING: A method of seeding, seed is dropped into parallel slits in the ground at a recommended 1/4" depth.

DISTANCE BETWEEN THATCHER BLADES AND SEED DELIVERY: 10" (blade center line to seed tubes) makes seed placement more consistent in the slit.

SEED FLOW: Adjustable to rate and seed size.

SEEDING SWATH: 30" (27" - blade tip to blade tip), 10 rows of seed on 3" centers.

SEED HOPPER: 1.5 cu. ft., holds 35 lbs. of Kentucky bluegrass seed.

BEARINGS: Sealed and self-aligning.

FRAME: All welded steel construction.

WHEELS: 2, phenolic - 2" x 8".

DIMENSIONS: Length - 40"
 Height - 28"
 Width - 41"

SHIPPING WEIGHT: 420 lbs.

SET UP INSTRUCTIONS

ATTACH AEROSEEDER TO 300 SERIES GROUNDMASTERS (Fig. 1)



WARNING

- Left hand push arm on Groundsmaster® is spring loaded.
- Sudden release of the push arm could cause serious personal injury.
- Keep hands and face away from arm when it is held and blocked in the downward position.
- Use a helper and a wooden block to hold push arm down during installation of accessory.

1. Remove cutting unit or other attachment from Groundsmaster. Refer to cutting unit or attachment operator's manual.

2. Position the AEROSEEDER to the front of the Groundsmaster.

3. Attach the Lift Arm to the center lift arm. Secure with 3/8" x 1-1/2" bolts.

4. Have a helper push down on the left push arm; then insert a 2" x 4" block of wood between the frame and the top of the push arm.

5. Pull down the right push arm until it is level with the left push arm. Try to keep both arms level as possible for easier installation.

6. Line up the left lift arm with the Lift Arm Clamp. Fasten with 3/8" x 1" bolts and leave the bolts finger tight.

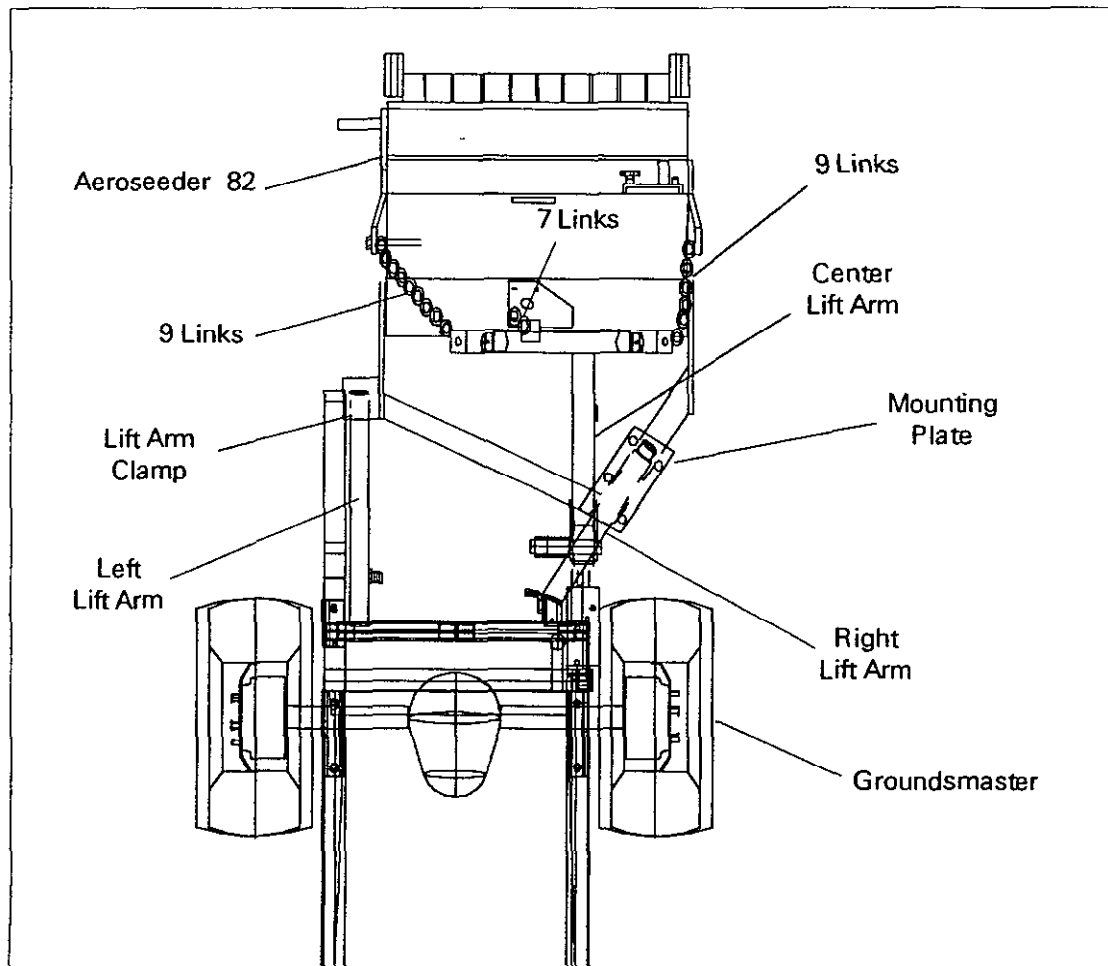


Figure 1

SET UP INSTRUCTIONS (Continued)

7. Slide the right lift arm into the section of the Mounting Plate. Fasten with 3/8" nuts on the all threaded bolts and leave the nuts finger tight.

8. Secure the bolts on the left lift arm.

9. Secure the bolts on the right lift arm.

10. Attach the eye bolts with chains in each end of the Lift Arm.

NOTE: The ends of the Lift Arm have 9 links of chain and the center has 7 links of chain.

11. Attach the other ends to the brackets on the sides of the Main Frame using 3/8 x 1 1/4" bolts and hardware.

12. Attach the eye bolt and 7 links of chain to the center of the Lift Arm.

13. Remove the rear right bolt from the top of the gearbox guard. See Fig. 1. Attach the remaining end of the chain to the bolt and secure.

14. Have a helper push down the left push arm; then remove the 2" x 4" blocks of wood.

15. Have a helper push down the right push arm; then remove the 2" x 4" blocks of wood.

16. Attach the PTO of the Groundsmaster to the PTO on the gearbox.

17. Using the lift mechanism on the Groundsmaster, lower the unit on a level surface.

18. Practice raising and lowering the AEROSEEDER.

BEFORE OPERATING

FILL FUEL TANK WITH GASOLINE - GROUNDMASTER

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 filling 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

SEED FLOW HANDLE (Fig. 2)

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.

HEIGHT ADJUSTMENT HANDLE (Fig. 2)

The depth of the thatcher blades is determined by the setting of the Height Adjustment Handle. Pull the handle out and set pin in hole for desired depth. If seeding, the average depth of thatching is 1/4 to 1/2". If thatching only, the depth can be set up to 1-1/2" deep.

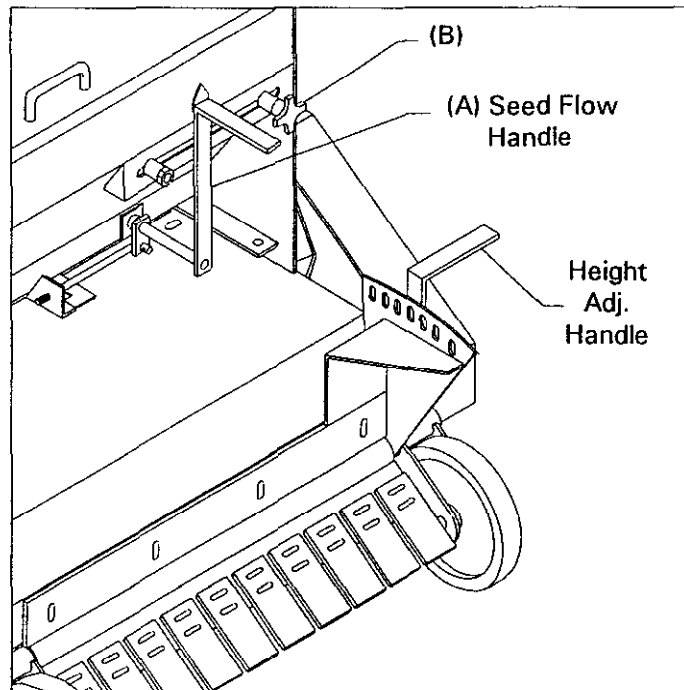


Figure 2

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.
2. Set the seed rate handle. See Control section.
3. Start the Groundsmaster and run at a low RPM.
4. Lower the AEROSEEDER using the Groundsmaster lift mechanism.
5. Engage the PTO while the engine is at idle speed and moving forward at 1 MPH.
6. Increase the PTO speed to 1800 RPM.

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

8. 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.

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

10. 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 (Fig. 3)

Grease the fitting in the Wheel Pivot tube weekly or every 40 operating hours. Use a No. 2 Lithium based grease.

DRIVE CHAIN (Fig. 3)

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

BEARINGS (Fig. 3)

The Aeroseeder 82 has five self sealing bearings that must be lubricated with a No. 2 Lithium based grease.

IMPORTANT: Lubricate the bearings to maintain a slight leakage on the seals. Too much grease can cause overheating.

PTO

1. Grease the PTO fittings weekly or every 40 operating hours. Use a No. 2 Lithium based grease.

GEARBOX

1. Check lubricant level in gearbox every 40 hours of operation. Add good quality transmission oil, 80-90 weight. Fill gearbox to level of side filler plug. Oil should seep from opening when plug is removed. Change oil in the gearbox after the first 100 hours of operation. Change oil every 2500 hours or every six months which ever comes first.

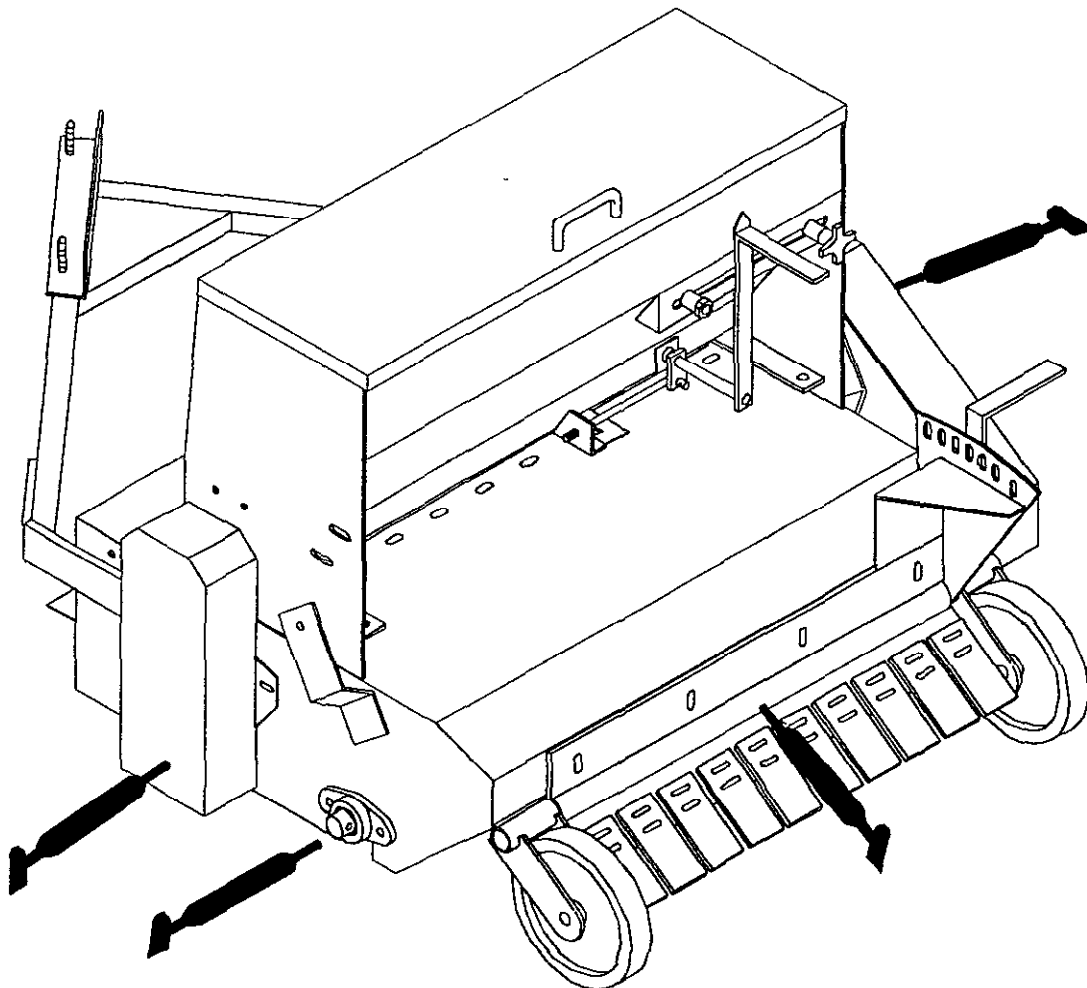


Figure 3

MAINTENANCE



DANGER

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

BLADE & DRIVE BELT ADJUSTMENT (Fig. 5)

1. **BLADE SHAFT BELT** : Idler pulley adjustment is done with the idler arm spring rod . Loosen jam nut then turn second nut until the correct tension is achieved, then re-tighten nut.

DISC & SEED CHAIN ADJUSTMENT (Fig. 4)

1. The seed chain is adjusted by moving the chain adjustment bolt on the adjustment tab. Adjust downward to increase tension. A 1/8" deflection is recommended.

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

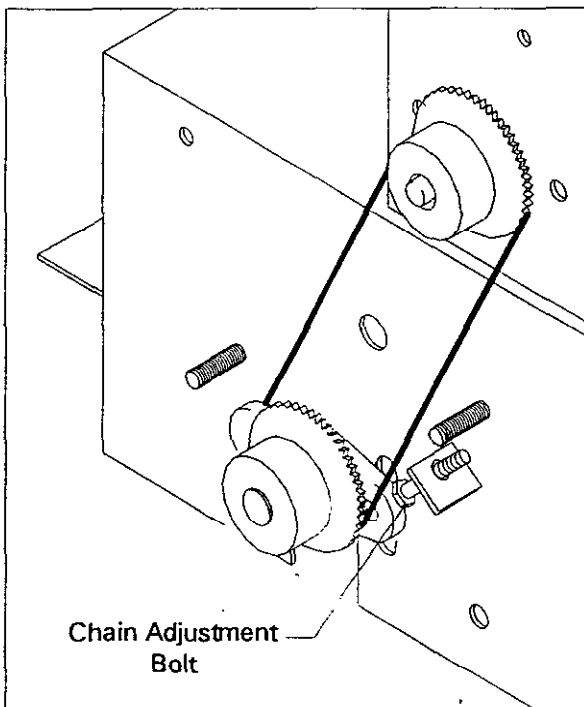


Figure 4

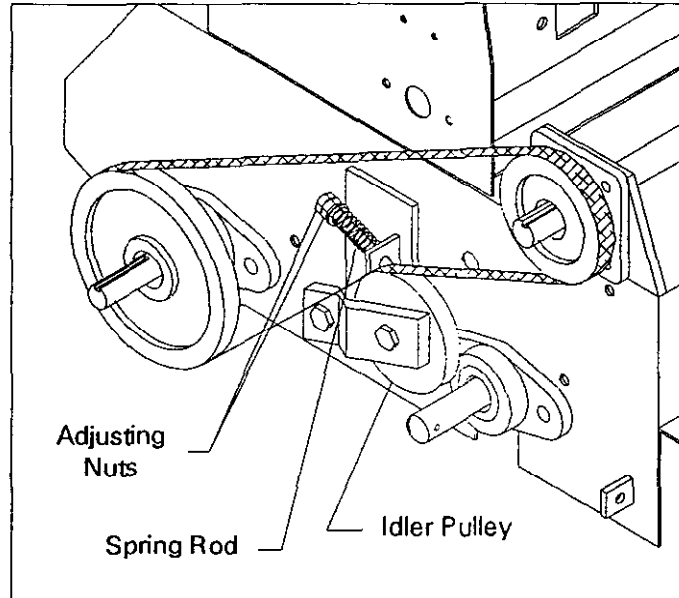


Figure 5

DETERMINING SEED FLOW SETTINGS

The Aeroseeder 82 is designed to plant 10 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.

| SEEDER SETTING | | | | | | | | | | | |
|--------------------|----------------|-------|------|-------|------|-------|-------|-------|-----|-------|-----|
| RYE, PERENNIALS | 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 | 106 | 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 |
| | — | — | .4 | .8 | 1.5 | 2.8 | 4.2 | — | — | — | — |
| | — | — | 16.6 | 36.6 | 66.7 | 126.6 | 182.6 | — | — | — | — |

| SEEDER SETTING | | | | | | | | | | | |
|-------------------|---|-------|---|-------|------|-------|------|-------|-----|-------|---|
| FESCUES | 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 | 1.8 | 2.3 | 2.6 | — |
| lbs./ACRE | — | — | — | 10 | 18.4 | 32.9 | 66.8 | 84.6 | 102 | 107 | — |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

SEED FLOW SETTINGS FOR
3" CENTER SEEDERS

PROCEDURE FOR PRE-SETTING SEED FLOW

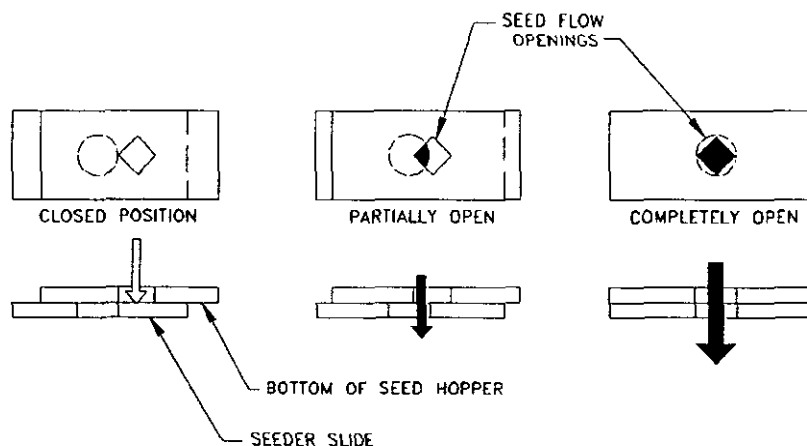
(1) Consult Seed Supplier For Recommended Flow Rates.
(2) Move Seed Flow Handle To Desired Setting.
(3) Loosen Knob On Adjusting Bolt And Slide Against Handle.

(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 Rescue at a setting of 5.

1. Determine the area in square feet:

$$200' \times 75' = 15,000 \text{ sq. ft.}$$

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. Setup a proportion:

$$2.4 \text{ lbs./1,000 sq. ft.} = x \text{ lbs./15,000 sq. ft.}$$

4. Cross multiply:

$$(2.4 \text{ lbs.}) \times (15,000 \text{ sq. ft.}) = (x \text{ lbs.}) \times (1,000 \text{ sq. ft.})$$

$$36,000 \text{ sq. ft./1,000 sq. ft.} = (x \text{ lbs.})$$

$$36 \text{ lbs.} = x$$

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.

$$5.5 \text{ acres} \times 277 \text{ lbs.} = 1523.5 \text{ lbs. TOTAL}$$

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).

TROUBLE SHOOTING

| CONDITION | CAUSE | CORRECTION |
|--|---|---|
| EXCESSIVE VIBRATION | <ul style="list-style-type: none"> • Blades too deep (extremely dry soil). • PTO speed too low. • Check for missing blades. • Blade shaft bent. Bring PTO speed down as low as possible and watch rotation of blade shaft for wobble. Or turn off AEROSEEDER then set on level surface and measure from floor to blade, rotate shaft several positions, measure, compare dimensions. • Check jam nut on end of the blade shaft, it may be loose. • Ground speed of tractor is too fast. | <ul style="list-style-type: none"> • Change blade depth. • Bring RPM on PTO to 540. • Replace blades. • Replace blade shaft. • Make sure no damage has been done then tighten nut. • Slow down tractor. |
| GEARBOX OUTPUT SHAFT QUILTS TURNING | <ul style="list-style-type: none"> • Key on input shaft inside the gearbox may have been sheared. | <ul style="list-style-type: none"> • Replace key. |
| GEARBOX GRINDS | <ul style="list-style-type: none"> • Check oil level. Remove side filler plug. Oil should seep from opening. • Gear teeth or bearings inside gearbox damaged | <ul style="list-style-type: none"> • Fill with 80-90 weight oil. • Replace any worn or damaged parts |
| BLADES NOT ROTATING | <ul style="list-style-type: none"> • Check belt, may be broke or tension too sloppy. • Check sheaves if turning with shafts, a key may be sheared. • Make sure blades are tight on shaft. Jam nut may have worked loose. | <ul style="list-style-type: none"> • Replace belt or adjust tension. • Replace key. • Replace any damaged parts and/or, tighten jam nut. |
| NOT DROPPING SEED | <ul style="list-style-type: none"> • Seed handle is in off position or set too low for large seed. • Check chain, may be broke or tension too sloppy. Chain should have a 1/8" deflection. • End of seed tubes may be clogged with dirt. • Check too see if paddle is turning. A key may be sheared on sprocket. | <ul style="list-style-type: none"> • Adjust handle. • Replace chain or adjust tension. • Clean out dirt from tubes. • Replace key. |

TROUBLE SHOOTING (Continued)

| CONDITION | CAUSE | CORRECTION |
|---|--|---|
| <p>NOT DROPPING SEED (Cont.)</p> <p>DISC NOT ROTATING</p> | <ul style="list-style-type: none"> • Seed clogged inside hopper flaps may be damaged. • Check chain. May be broke or tension too sloppy. • Check sprockets if turning with shaft, a key may have sheared. | <ul style="list-style-type: none"> • Replace flaps or any damaged parts. • Replace chain or adjust tension. • Replace key. |
| <p>BLADES NOT GOING INTO GROUND</p> | <ul style="list-style-type: none"> • Blades wore beyond 10" diameter | <ul style="list-style-type: none"> • Replace blades. |
| | | |

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 11).
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.

IDENTIFICATION & ORDERING

MODEL AND SERIAL NUMBER

The AEROSEEDER 82 has two identification numbers: a model number and serial number. The two numbers are stamped on a plate which is riveted to the seed box lid. In any correspondence concerning the AeroSeeder 82, 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 if a parts catalog is being used; use the part number.

NOTES

MAINTENANCE RECORD

[illegible]

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.