

MANUFACTURING QUALITY LAWN CARE EQUIPMENT SINCE 1945

Owner's Manual

ACR-5212V

Acreage Rake





IMPORTANT
Read and follow all
Safety Precautions
and Instructions
Before Operating this
Equipment



Made In CHINA

1602 CORPORATE DRIVE, PO BON 67, WARRENSBURG, MISSOURI 64093 PH 660. 747. 8183 FAN 660. 747. 8650 www.swisherinc.com

14764 REV. 09-190

LIMITED WARRANTY

The manufacturer's warranty to the original consumer purchaser is: This product is free from defects in materials and workmanship for a period of One (1) year from the date of purchase by the original consumer purchaser. We will repair or replace, at our discretion, parts found to be defective due to materials or workmanship. This warranty is subject to the following limitations and exclusions:

1) Commercial Use	This product is not intended for commercial use and carries no commercial warranty.
2) Limitation	This warranty applies only to products which have been properly assembled, adjusted, and operated in accordance with the instructions contained within this manual. This warranty does not apply to any product of Swisher Mower Co., Inc., that has been subject to alteration, misuse, abuse, improper assembly or installation, shipping damage, or to normal wear of the product.
3) Exclusions	Excluded from this warranty are normal wear, normal adjustments, and normal maintenance.

In the event you have a claim under this warranty, you must return the product to an authorized service dealer. All transportation charges, damage, or loss incurred during transportation of parts submitted for replacement or repair under this warranty shall be borne by the purchaser. Should you have any questions concerning this warranty, please contact us toll-free at 1-800-222-8183. The model number, serial number, date of purchase, and the name of the authorized Swisher dealer from whom you purchased the mower will be needed before any warranty claim can be processed.

THIS WARRANTY DOES NOT APPLY TO ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES AND ANY IMPLIED WARRANTIES ARE LIMITED TO THE SAME TIME PERIODS STATED HEREIN FOR ALL EXPRESSED WARRANTIES. Some states do not allow the limitation of consequential damages or limitations on how long an implied warranty may last, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights, which vary from state-to-state. This is a limited warranty as defined by the Magnuson-Moss Act of 1975.

THE ACREAGE RAKE

WITH

ELECTRIC ACTUATING LIFTING SYSTEM

(Patent Pending)

MODEL# ACR-5212V ASSEMBLY AND OPERATING MANUAL

PRE-ASSEMBLY:

Approximate assembly time of this product is 1/2 of an hour. *Helpful Tip*: Read all instructions before starting to assemble.

<u>WARNING:</u> Swisher Mower will not be held liable for any damages, losses or injury, due to the misapplication or misuse of this product or for any other reason. Proper eye and hand protection must be worn at all times.

TOOLS REQUIRED FOR ASSEMBLY

- (1) 14mm Wrench
- (2) 17mm Wrench

REMOVE ALL PARTS FROM CARTONS

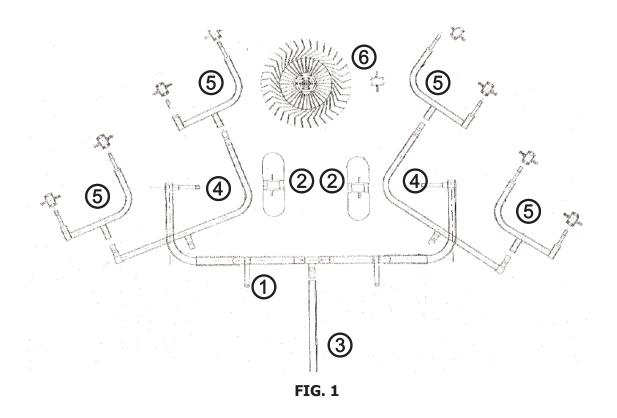
- 1. Remove the hardware packs and all parts from the cartons.
- 2. Layout and identify parts included in carton contents. (see parts listing below)
- 3. Layout and identify parts included in the hardware pack. (see parts listing below)
- 4. IF ANY PARTS ARE MISSING FROM PACKAGING Contact Swisher at (800) 222-8183 for missing hardware or instructions.

CARTON CONTENTS:

(SEE FIG. 1)

Ref.#	Prt No	Quantity	Description
		(PC)	
1	14565	1	Axle Assembly
2	14566	2	16in. Pneumatic
			Wheel
3	14567	1	Tongue Assembly

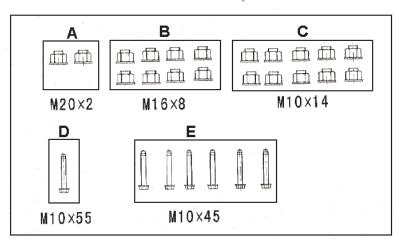
	Ref.#	Prt No	Quantity	Description
			(PC)	
	4	14568	2	Rake Arm
				Holder
	5	14569	4	Rake Arm
ĺ	6	14570	8	Rake Tine Reel



HARDWARE PACK CONTENTS:

(FIG. 2

(Photo of Parts not Actual Size)



Ref. Letter	Part #	Qty	Description (metric size in mm)
A	16749	2	Lock Nut M20 x 2
В	14788	8	Nut M16 x 8
С	NB729	10	Nut M10 x 14
D	16750	1	Bolt M10 x 55
Е	11881	6	Bolt M10 x 45

OPTIONAL ACCESSORIES:

Check with Retailer where you purchased this product for these optional attachments. Or you may call Swisher at (800) 222-8183 for accessories and replacement parts.

Part/Item#	Description
14570	Replacement Rake Tine Reel
17235	Replacement Electric Actuator

ASSEMBLING THE ACREAGE RAKE

STEP 1: Attach Pneumatic Wheel (#2) to Axle (#1) with Lock Nut M20 x 2 (A).

NOTE: Inflation valve stem of the wheel should be facing out.

CAUTION: DO NOT over tighten the lock nut, this can result in damage to the bearings in the wheel hub. When properly tightened, the wheel should spin freely.

STEP 2: Attach Tongue Assembly (#3) to Axle (#1) with Bolt M10 x 55 (D) and Nut M10 x 14(C).

STEP 3: Attach Rake Arm Holder (#4) to Axle (#1) with Bolt M10 x 45 (E) and Nut M10 x 14 (C).

STEP 4: Attach Rake Arm (#5) to Rake Arm Holder (#4) with Bolt M10 x 45 (E) and Nut M10 x 14 (C).

STEP 5: Attach Rake Tine Wheel (#6) to Rake Arm (#5) with Nut M16 x 8 (B).

NOTE: Make certain that all rake tine tips should rotate towards center in same direction. See below fig. 3:

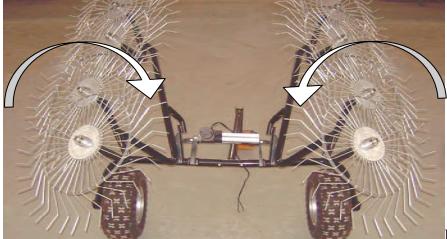
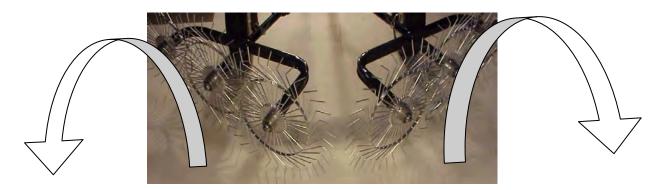


FIG.3

OPERATION AND MAINTENANCE

SETTTING RAKE TINE WHEELS FOR THATCHING VS. RAKING



Rotation Direction Rotation Direction

1.1. Acreage rake has been assembled for raking. **See figure 14**. Note the direction of the tine tips.

Figure 14

2. To position rake tine wheel assembly for thatching, remove lock pin from both lift arms and remove both rake tine wheel assemblies from rake. Take the left rake tine wheel assembly, flip it over (rotate 180 degrees), and install on the right lift arm. Take the right rake tine wheel assembly, flip it over, and install on the left lift arm. **See figure 15**. Note the position of the tines. Make certain tips rotate in the same direction – towards the center of the rake.

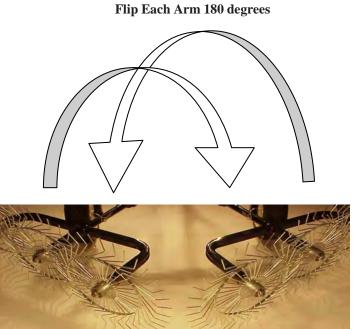


Figure 15

MAINTENANCE AND RECOMMENDATIONS FOR BEST RESULTS

Operating Tip:

Rake works for picking up Acorns or similar small particles other than grass/leaves.

GENERAL OPERATION/MAINTENANCE:

- NEVER operate Acreage Rake at speeds higher than 5 MPH.
- Follow tire inflation printed on tires.
- NEVER inflate tires higher than MAX PSI printed on tires.
- When not in use, keep in a dry place.
- Oil moving parts from time to time with household lubricant.

RAKE TINE WHEEL MAINTENANCE:

Follow these recommendations will make the raking wheels last longer.

- 1. It is recommended to Mow or Cut grass to 3" or less before Raking or De-Thatching.
- 2. Rotate Rake Tine Wheels from time to time: Flip Rake Tines 180 degrees as in Step for Raking vs. De-Thatching. Then take off Rake Wheel and fully turn around, then replace Rake Wheel Tine.

This will keep Tines from bending in one direction. Since all grasses are different, you may need to rotate rake wheels more often when used in thicker grass.



MANUFACTURING QUALITY LAWN CARE EQUIPMENT SINCE 1945

Owner's Manual

ACR-5212V



IMPORTANT
Read and follow all
Safety Precautions
and Instructions
Before Operating this
Equipment

ATV & LAWN ACCESSORIES

WHEN ORDERING PARTS, PLEASE HAVE THE FOLLOWING INORMATION AVAILABLE:

* PRODUCT –	
* SERIAL NUMBER -	
* MODEL NUMBER -	
TYPE -	
* Part number	WITH PAINT CODE
* PART NI	SCRIPTION

TELEPHONE - 1-800-222-8183 FAX - 1-660-747-8650

SWISHER MOWER & MACHINE CO. INC. 1602 CORPORATE DRIVE P.O. BOX 67 WARRENSBURG, MO 64093

www.swisherinc.com