

# MAXIM SPIKE AERATOR AND LAWN ROLLER

MSAT36 • MSAT48 • MSA3P48 • MLR36 • MLR48 • MLR3PH48



Use extreme caution when using this equipment. Injury can occur.  
Read entire safety manual before using or storing.

**MAXIM**<sup>®</sup>

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# SAFETY PRECAUTIONS

## TRAINING

1. Regard this aerator or lawn roller as a piece of power equipment. Learn the proper use and safety procedures before attempting to operate it.
2. Read the owner's manual carefully.
3. Never allow children to operate the equipment. Never allow adults to operate equipment without proper instruction.
4. Keep the area of operation clear of all pets and persons, especially small children.
5. Exercise caution to avoid slipping and falling while connecting roller or aerator to mower or 4-wheeler. Spikes are sharp and will cause injury if a person should fall.

## PREPARATION

1. Check Aerator or Roller to make sure it is in good operating condition.
2. The operator must not use drugs or alcohol as they can change the alertness or coordination of the person while operating equipment. If using prescription or over-the-counter drugs, consult a doctor to determine if operating lawn and garden equipment is safe.
3. Check all fasteners.
4. Unless there is very good artificial light operate equipment during daylight hours only.
5. Thoroughly inspect the area where equipment is to be used for foreign objects. Remove large stones, boards, wires, sprinklers, and anything else that might be damaged, cause damage to the unit, or fly up if caught in the spikes.
6. Wear proper clothing. Shoes, safety glasses, and long pants provide good protection.
7. Mark all underground sprinkler heads and other hidden objects to prevent damage.
8. Once work area is reached carefully move hitch assembly over the top of the aerator/lawn roller to put unit in aerating position. Reconnect unit to mower or 4-wheeler

## OPERATION

1. Give complete and undivided attention to the job at hand.
2. Do not leave mower or 4-wheeler running while aerator or roller is attached.
3. For best results and safety, operate slowly.
4. Stop operation if another person or pet approaches.
5. Keep hands, feet, and clothing away from moving parts.
6. Turning tractor too sharply could cause damage to wheels of 4-wheeler or mower.
7. Work slowly. Aerating and Rolling is not safe or effective if unit is being pulled too quickly.



# ASSEMBLY INSTRUCTIONS

1. Get help to unpack all parts -- drum, hitch assembly, wheels, wheel bracket, and bolt package.
2. Place washer on 2" x 1/2" bolt. Put it through the Pillow Block Bearing attached to the drum.
3. Put the hitch assembly on the bolt, followed by the wheel bracket.
4. Place lock washer and nut on bolt, then tighten with a 3/4" wrench. Repeat for other bolt.
5. Repeat for the two bolts on the other side of the aerator and lawn roller.



6. Place wheel on axle.
7. Thread cotter pin through hole on axle. Splay end so cotter pin stays attached.
8. Repeat on other wheel.



# PARTS LISTS

## AERATORS

PART NUMBER	DESCRIPTION	QUANTITY
360700	Drum Assembly 48" (MSAT48)	1
360600	Drum Assembly 36" (MSAT36)	1
360604	Hitch 48" (MSAT 48")	1
360601	Hitch 36" (MSAT 36")	1
360605	3 Point Hitch (MSA3P48)	1
360602	Wheel Bracket (MSAT48, MSAT36)	2
162044	Wheel 4.10/3.50 x 4 (MSAT48, MSAT36)	2
140102	Bushing 3/4" (MSAT48, MSAT36)	4
140104	1" Pillow Block Bearing	2
400232	Capscrew 1/2" x 2" NC	4
455044	1/2" Flat Washer	4
446145	1/2" Lockwasher	4
443119	1/2" NC Hex Nut	4
461468	Cotter Pin (MSAT48, MSAT36)	2

## LAWN ROLLER

360701	Drum Assembly 48" (MLR48, MLR3P48)	1
360606	Drum Assembly 36" (MLR36)	1
360604	Hitch 48" (MLR 48")	1
360601	Hitch 36" (MLR 36")	1
360605	3 Point Hitch (MLR3P48)	1
360602	Wheel Bracket (MLR48, MLR36)	2
162044	Wheel 4.10/3.50 x 4 (MLR48, MLR36)	2
140102	Bushing 3/4" (MLR48, MLR36)	4
140104	1" Pillow Block Bearing	2
400232	Capscrew 1/2" x 2" NC	4
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