



LAWN GENIE
FLAIL PICKUP MOWER
up to 49648 maybe a bit more
TAKES THE WORK OUT OF LAWN AND ESTATE CARE

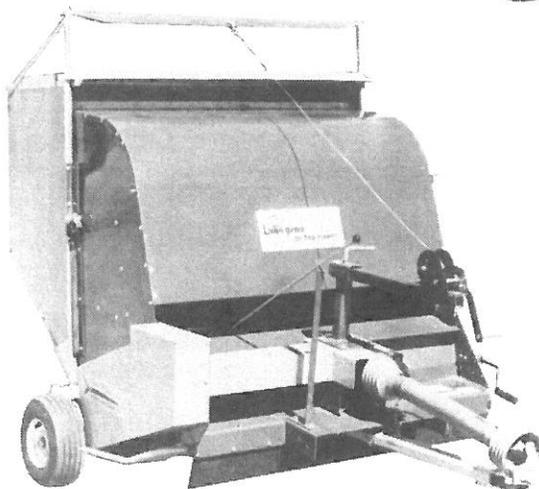
ASSEMBLY & OPERATION INSTRUCTIONS
MODEL LG48A



LG48AL
PTO Lift

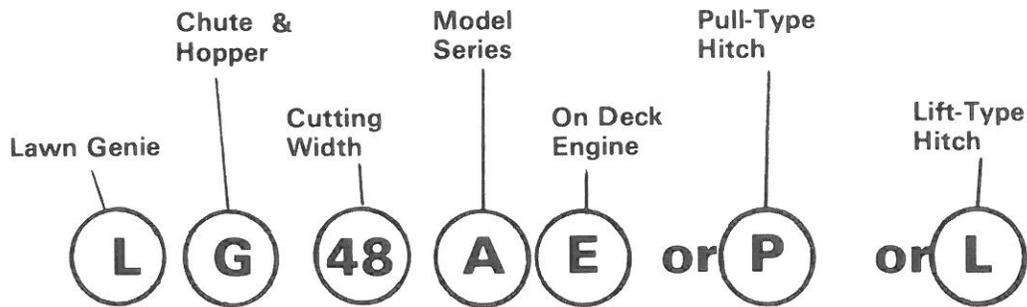


LG48AE
Engine/Pull



LG48AP
PTO Pull

The Lawn Genie Model Number



EXAMPLES: **L48AP** — This would be a 48" Lawn Genie with a pull-type hitch.
LG48AE — Lawn Genie with chute and hopper, engine-powered.

NOTE: A PTO driven mower is available with either a pull-type or lift-type hitch. With an engine installed on the mower, a pull-type hitch must be used.

Conversion Kits are available.

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READ ALL INSTRUCTIONS BEFORE OPERATING

The LAWN GENIE is a flail mower that has the unique feature of picking up the material that has been cut.

This feature can be obtained by ordering a chute and hopper kit either with the Genie originally or at a later date thru your local dealer.

For best results, the operation of the LAWN GENIE should be clearly understood. The rotor is a large diameter tube with patented spring loaded hangers and two patented reversible swinging knives to each hanger. These high carbon steel hangers and knives are arranged in four staggered rows evenly spaced across the length of the rotor to give a uniform cut the full width of the mower. SEE PICTURE on Page 3.

Replacing knife blades is a simple operation. Slide the hanger over, compress the spring, and reverse or replace the blades.

CENTRIFUGAL CLUTCH

The 16 H.P. engine is equipped with a centrifugal clutch pulley. When the engine is idling, the clutch pulley is disengaged. When you apply full throttle, the centrifugal force engages the clutch pulley to drive the rotor. If engine R.P.M. starts to drop from too heavy of a load, the centrifugal clutch will begin to disengage. This condition will cause slipping and excessive heat build-up and premature failure of the clutch. Always maintain maximum engine R.P.M. which is 3600 R.P.M. Engine speed can be checked with standard tachometer on clutch shaft behind belt guard or on the rotor shaft which should be 1900 R.P.M. When the rotor is turning 1900 R.P.M., the engine is turning 3600 R.P.M.

SAFETY GUARDS

Safety guards are for your protection. KEEP THEM IN PLACE!

POLE ADJUSTMENT

The pole has three positions for level adjustment under the front deck of the LAWN GENIE. Depending on the tractor drawbar height (which should be between five and eight inches from the ground) select the position that levels the front deck to the ground.

DAMPER ADJUSTMENT

To mow and load the clippings, pull the damper control rod forward. To mow only, push the damper rod back. This opens or closes the damper panel which allows clippings to travel up the chute and into the hopper or directly back to the ground.

MOWING

When cutting heavy grass from 4"-6" in height, your ground speed should be lower than if the grass were only 2" high. Determine the type of job you have and govern your ground speed accordingly.

An important feature of the LAWN GENIE is its ability to sweep leaves in the fall of the year. Mowing with the standard machine will cut up the leaves and decrease their volume for pick-up.

A leaf mulching attachment is available which can easily be inserted in the rear portion of the LAWN GENIE (See illustration--Page 16). Leaves are mulched fine enough to be left on the ground to decompose and add nutrients into the soil. If you choose to pick up the mulched leaves, pull out the damper push rod and go back over the lawn and load the leaves into the hopper. It is not necessary to remove the leaf mulching screen for this part of the operation.

CAUTION

Do not use thatching blades with leaf mulching screen because tips of blades will contact screen.

MAINTENANCE — ALL MAINTENANCE MUST BE DONE WITH THE ENGINE STOPPED

CLUTCH and BEARINGS

The drive clutch, ground roller bearings and idler pulley can be serviced by replacement only.

BELT ADJUSTMENT

Maintain tension on the belt.

If the rotor does not turn, check the drive belt. If the drive belt is tight and the rotor does not turn, the rotor is likely jammed by some field debris and requires clearing. **Be sure engine is shut off.**

CLEANING

When cutting wet grass, the grass may build up on the underside of the machine. It is recommended that you hose down the housing, chute and rotor after use. A clean chute provides a smooth flow for the material to the hopper.

KNIVES and ROTOR

The knives can be reversed to expose a new cutting edge. If necessary, the knives can be removed and sharpened on any electrical bench grinder.

The rotor must not be run with knives missing. If knives are lost or missing, the rotor will be out of balance and the machine will vibrate. If this happens, stop the engine and inspect the knives by lifting off the hopper and opening or removing the rear inspection cover. Refer to illustration and parts list on Page 13 if replacements are necessary.

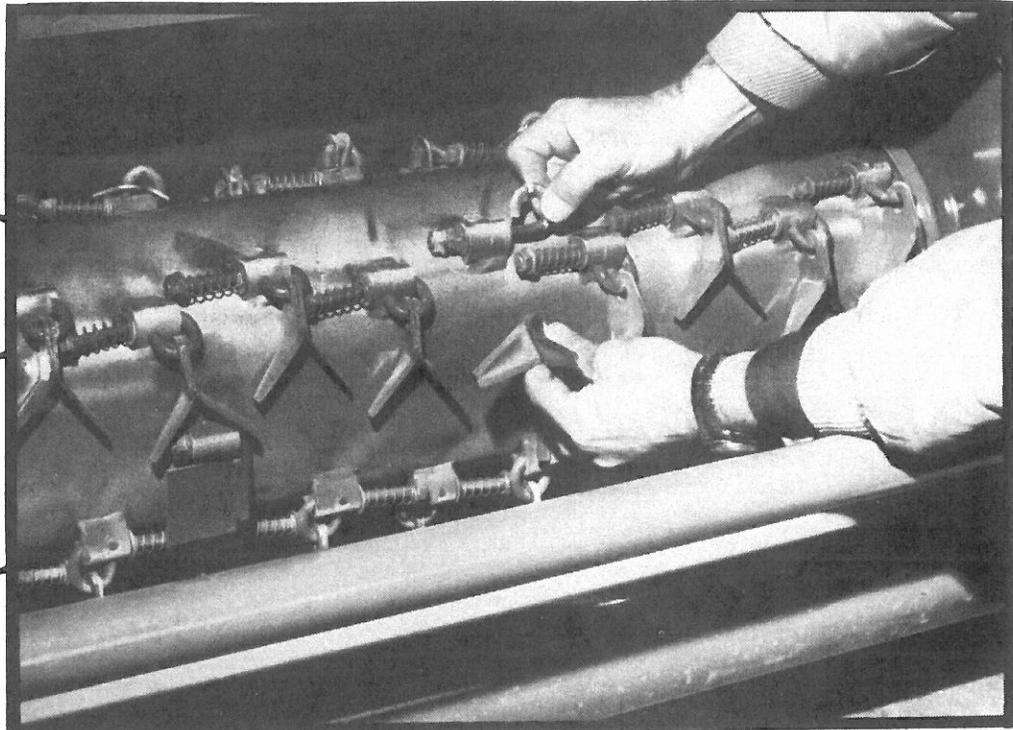


REAR VIEW — WITH COVER REMOVED
DANGER: NEVER RUN GENIE WITH REAR COVER REMOVED

ROW - 1

ROW - 2

ROW - 3



Staggered Row 1 — All hanger nuts to the left
Staggered Row 2 — All hanger nuts to the left
Staggered Row 3 — All hanger nuts to the right
Staggered Row 4 (Hidden) — All nuts to the right
To get the proper overlap of knives, the hangers must be installed as illustrated.

LUBRICATION SCHEDULE

TIRE and WHEELS

Grease the wheel bearings every 40 hours with multi-purpose grease at grease fitting on the wheel.

ENGINE

The engine manufacturer's manual clearly illustrates all Operating and Maintenance Instructions for the engine. (Enclosed in Warranty envelope).

HEIGHT ADJUSTMENT CRANK

A few drops of oil on the bearing and screw will insure easy, quick adjustment.

Model L48AE - (Refer to Page 19)

Item #3 - Rotor bearings - one fitting on each end of rotor. Every 20 to 25 hours. **Item #68** - Output shaft bearing - every 20 to 25 hours. **Item #21** - Wheel bearing - one fitting on each wheel. Every 8 to 10 hours. **Item #58** - Engine - Refer to Briggs and Stratton maintenance information with engine. **Item #10** - Gauge roller bearings. **Item #44** - Belt idler and **Item #61** - Clutch bearings - can be serviced by replacement only. **Item #34** - Crank. **Item #45** - shoulder bolt and any other moving parts should be kept lubricated with oil.

Model L48AP - Refer to Page 15

Item #3 - Rotor bearing - one fitting on each end of rotor. Every 20 to 25 hours. **Item #69** - Output shaft bearing. Every 20 to 25 hours. **Item #23** - Wheel bearing - one fitting on each wheel. Every 8 to 10 hours. **Item #58** - Gearbox - #90 gear lube. Keep oil level to point just below shafts. **Item #10** - Gauge roller bearings and **Item #43** - Belt idler - can be serviced by replacement only. **Item #35** - Crank and **Item #44** - shoulder bolt - and any other moving parts should be kept lubricated with oil.

P.T.O. Shaft - Refer to Page 8

Item #4 - Universal joint - one grease in each end of P.T.O. shaft. Every 8 hours. **Items #13 and #14** - Plastic grease fitting in bell end bearing on each end of P.T.O. shaft shield. Every 20 to 25 hours. **Items #7 and #8** - Telescopic drive shaft. Slide apart and grease. Every 20 to 25 hours. **Item #11** - Oil.

Model L48AL - Refer to Page 17

Item #3 - Rotor bearings - one fitting on each end of rotor. Every 20 to 25 hours. **Item #52** - Output shaft bearing. Every 20 to 25 hours. **Item #43** - Gearbox - #90 gear lube. Keep oil level to point just below shafts. **Item #10** - Gauge roller bearings and **Item #27** - Belt idler can be serviced by replacement only. **Item #67** - Caster mount and **Item #62** - Caster wheel. Every 8 hours. **Item #28** - Shoulder bolt and any other moving parts should be kept lubricated with oil. P.T.O. Shaft - Refer to Page #6.

ADDITIONAL OPERATIONS

THATCHING

Much has been written about thatch; its causes, controls, and effects. Perhaps it may be best, first of all, to define what thatch is. It is the accumulation of non-decomposed plant residue in turf between the soil level and greening area of the grass plant. It is principally composed of decomposing stems and rhizomes which are higher in cellulose, rather than more quickly decomposing leaves.

A heavy layer of thatch effectively impedes the movement of water through to the roots, traps fertilizer and keeps it from feeding the growing plant. Many of the modern fungicides and insecticides rely on heavy watering to be efficient.

An even more serious problem is the increased probability of disease. Modern turf management is like walking a tightrope. We need vigorous grass to resist the invasion of weeds and other undesirable plants, and yet vigorous grasses produce thatch.

The Mathews Company has given the professional turf manager or homeowner his balancing pole in the form of the versatile Lawn Genie. Used as a thatching unit it not only thatches but picks up the thatch in the same operation.

This same machine can then be used as a pick-up mower and thus eliminate the clippings from becoming thatch.

The problem will always face the turf manager, but with his own "Genie" working for him he has the finest piece of turf care equipment available.

NOTE: Before using thatching blades—the Mulching Screen Kit, if installed, must be removed. Also, the cutter bar used with the chute and hopper must be fully retracted. This will provide the needed clearance and prevent damage to these parts.

PREPARATION FOR OVERSEEDING

The Lawn Genie is an excellent machine for overseeding. With both the mowing blades and thatching blades installed on the machine, it will do an excellent job of preparing an existing lawn for overseeding. The thatching blades hang down $\frac{3}{8}$ " lower than the mowing blades (See Illustration "A") and will remove the mat of dead grass and give you a seed bed in the existing turf. You will be mowing your grass at a height of $\frac{3}{8}$ " while you are preparing a seed bed.

CAUTION: Some grasses will not withstand cutting at this short height, so knowledge of your particular strain of grass is necessary. If you do not want to cut your grass this short, then follow the steps listed in the verti-cut section, and you will have excellent results.

IMPORTANT: To insure maximum pick-up it is necessary to maintain a constant rotor speed of at least 1900 RPM so that depth and ground conditions will play a major role in determining ground speed in all of the above operations.

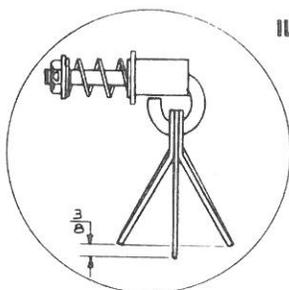
If rotor speed starts to slow down, reduce the speed you are pulling the Lawn Genie over the ground.

VERTI-CUTTING

To go along with the thatching operation—the same blade is used for verticutting. The operation is basically the same. The term verti-cut is used when you are working with different strains of grass such as Creeping Bent, Bermuda, St. Augustine, etc. These types of grass spread very rapidly in ideal conditions. They grow horizontally and have a tendency to grow on the surface of the ground. By verti-cutting you cut the plants horizontal growth and force the roots to grow downwards which makes for a healthier plant that is taking nutrients and moisture from the soil.

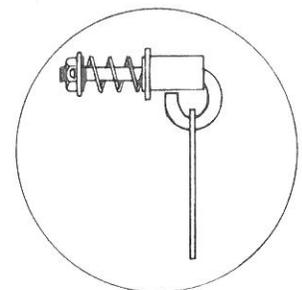
The Lawn Genie is very useful for this operation because you can pick up the debris as you verti-cut. If you place a thatching blade on every hanger, the knives will strike the ground about $\frac{1}{2}$ " apart. By placing a thatching blade on every other hanger you will widen the distance between knives by $\frac{1}{2}$ ". For example—thatching blades on every hanger would be $\frac{1}{2}$ " apart, on every other hanger they would be 1" apart, and on every third hanger they would be $1\frac{1}{2}$ " apart. Whatever arrangement is used, they must be installed in same amounts 180° apart to keep the rotor in balance.

Only the thatching blades alone are used for this operation (See Illustration "B"). They are available in kit form and include wide vacuum paddles for increased pick-up performance.



**COMBINATION
THATCHING BLADES
AND CUTTING BLADES**

ILLUSTRATION B



THATCHING BLADE ALONE

CHUTE ASSEMBLY

1. Remove Items #54 and #55, Page 19 and pivot the Rear Cover Weldment (Ref. #52) up and away from the top of the machine body. These bolts and clips will be reinstalled later.
(Refer to Chute and Hopper Assembly Drawing, Page 6)
 2. Install the right and left chute side weldments; (Ref. 17 & 23) to the outside of the machine body with $\frac{1}{4}$ -20 x $\frac{1}{2}$ " Truss Head Screws and $\frac{1}{4}$ -20 hex nuts and lockwashers. Keep the heads of the screws to the inside of the chute.
 3. Bolt the Chute Front Panel (Ref. 22) in place to the outside of the side weldments with $\frac{1}{4}$ -20 x $\frac{1}{2}$ " Truss Head Screws and $\frac{1}{4}$ -20 hex nuts and lockwashers. This time keep the heads of the screws to the outside of the chute. Start at the bottom and work both sides to the top. Hopper stop angles (ref. 44) bolt in fourth hole up from the bottom of the chute (one each side). Use $\frac{1}{4}$ -20 x $\frac{3}{4}$ " hex-head capscrews, lockwashers and hex nuts.
 4. Bolt the right and left Chute Braces (Refs. 20 & 21) in place to the outside of the side weldments using $\frac{1}{4}$ -20 x $\frac{1}{2}$ " Truss Head Screws and $\frac{1}{4}$ -20 hex nuts and lockwashers.
 5. Mount Cut-Off Bar (Ref. 19) to the Inside Chute Panel (Ref. 18) with $\frac{1}{4}$ -20 x $\frac{1}{2}$ " Truss Head Screws and $\frac{1}{4}$ -20 hex nuts and lockwashers. Heads of screws should be toward front of machine. DO NOT TIGHTEN THESE BOLTS YET.
 6. Bolt the Inside Chute Panel (Ref. 18) to the side weldments (Refs. 17 & 23) with $\frac{1}{4}$ -20 x $\frac{1}{2}$ " Truss Head Screws and $\frac{1}{4}$ -20 hex nuts and lockwashers. Heads of screws should be on outside of machine sides.
 7. Reinstall the clips, nuts and bolts that were removed in Step 1. This will leave 5 bolt holes without bolts. These holes are used when optional mulching screen kit is installed (see page 13).
 8. Now adjust the cut off bar (Ref. 19) so that the knives just clear and tighten the screws and nuts. If you are going to use thatching blades, the Cut-Off Bar will have to be readjusted for proper clearance.
 9. Mount the stop angles (Ref. 16) to the chute sides with $\frac{1}{4}$ -20 x $\frac{1}{2}$ " Truss Head Screws and $\frac{1}{4}$ -20 hex nuts and lockwashers. Leave these screws loose until the hopper is mounted onto the chute.
 10. Attach the pivot bushings (Ref. 15) to the chute sides. Use $\frac{1}{2}$ " - 13 x $2\frac{1}{2}$ " hex bolt, $\frac{1}{2}$ " flat washer (near bolthead) $\frac{1}{2}$ " lock washer and $\frac{1}{2}$ " nut.
3. Bolt the Channel Stiffener (Ref. 9) to the Bottom Rail with $\frac{1}{4}$ -20 x $\frac{1}{2}$ " Truss Head Screws and $\frac{1}{4}$ -20 hex nuts and lockwashers. (Again, heads of screws to the inside).
 4. Install the Right Side Post (Ref. 12) onto the rear side of the flange of the side panel with 5/16-18 x $\frac{3}{4}$ " HHCS and 5/16-18 hex nuts and lockwashers. (Heads of bolts to the front).
 5. Install Right Side Gusset (Ref. 10) onto side panel with $\frac{1}{4}$ -20 x $\frac{1}{2}$ " Truss Head Screws and $\frac{1}{4}$ -20 hex nuts and lockwashers and onto side post with 5/16-18 x $\frac{3}{4}$ " HHCS and 5/16-18 hex nuts and lockwashers.
 6. Install the right pivot bracket (Ref. 8) onto side post with 5/16-18 x $\frac{3}{4}$ " HHCS and 5/16-18 hex nuts and lockwashers.
 7. Insert one end of the pull rail (Ref. 14) through a Side Brace (Ref. 3) and then through the hole at the top of the Right Side Post. Secure with a $\frac{1}{8}$ " x $\frac{3}{4}$ " cotter pin (Ref. 31).
 8. Put other Side Brace (Ref. 3) onto left end of Pull Rail and then put end of Pull Rail through hole in Left Side Post and secure with $\frac{1}{8}$ " x $\frac{3}{4}$ " cotter pin.
 9. Now bolt left side post to side panel with 5/16-18 x $\frac{3}{4}$ " HHCS and 5/16-18 hex nuts and lockwashers.
 10. Install Left Side Gusset (Ref. 7) and Left Pivot Bracket (Ref. 6) as you did in Steps 5 and 6 on the Right side.
 11. Install hopper top assembly (Ref. 2) with #10 x $\frac{1}{2}$ " hex washer head screws across the top of the rear panel, and $\frac{1}{4}$ - 20 x $\frac{1}{2}$ " truss head screws along both sides.
The top panel flange should be installed over the side panels. Secure the hopper top support angle (Ref. #40) to the side post angles with 5/16" - 18 x $\frac{3}{4}$ " hex bolt, lockwasher, and nut.
 12. Secure other ends of side braces (Ref. 3) to the hopper sides as shown. These braces go outside the hopper.
 13. Hang the completed hopper assembly on the pivot bushings.
 14. Push chute Stop Angles (Ref. 16) up to hopper side posts and tighten bolts that were left loose in Step 7 of Chute Assembly.

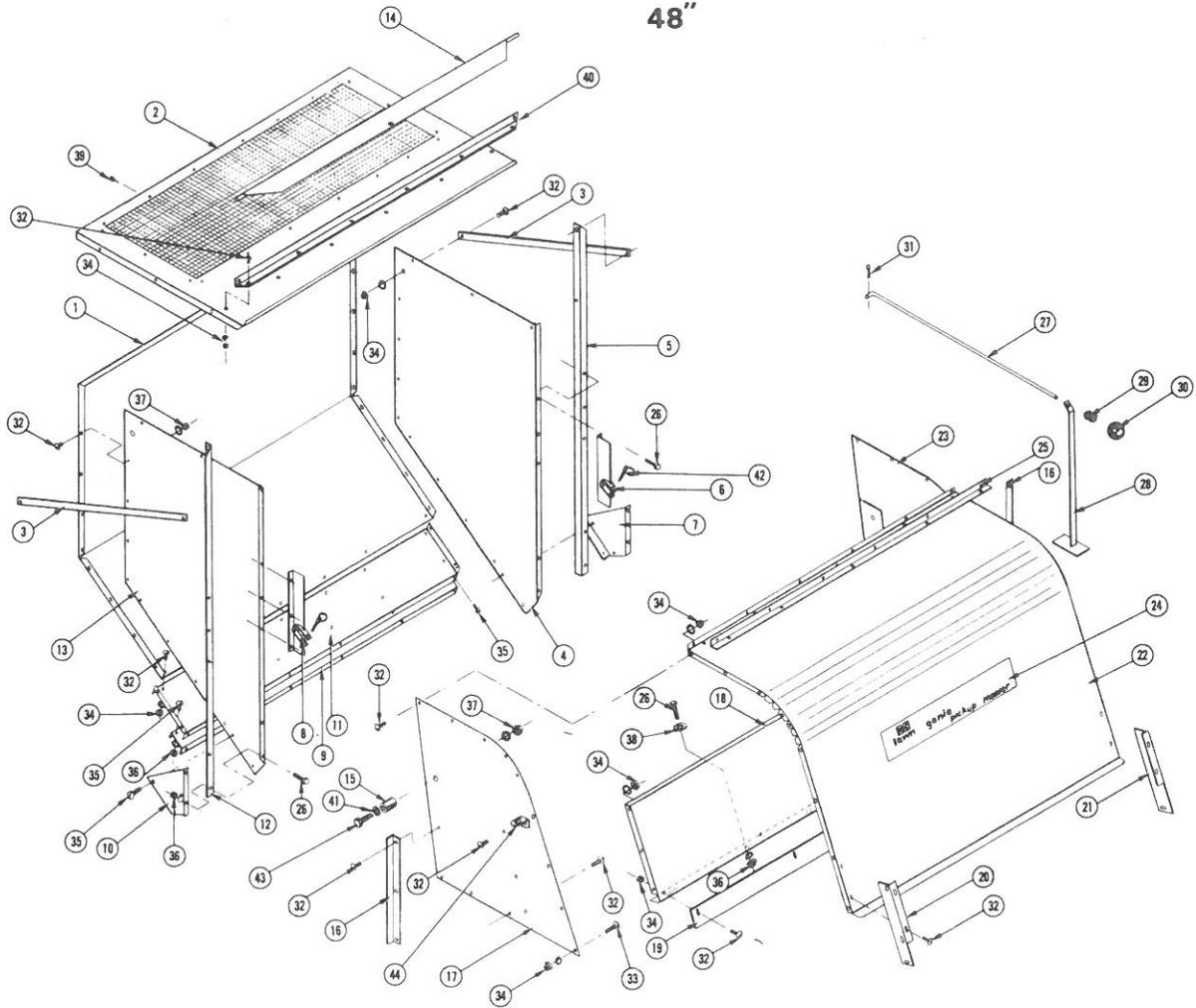
HOPPER ASSEMBLY

(Refer To Chute and Hopper Assembly Drawing, Page 6)

1. Bolt right and left hopper side panels (Refs. 13 & 4) to the Hopper Rear Panel (Ref. 1) with $\frac{1}{4}$ -20 x $\frac{1}{2}$ " Truss Head Screws and $\frac{1}{4}$ -20 hex nuts and lockwashers. Heads of screws go to outside of hopper. Side panels go to the inside of the flange of the Rear Panel.
 2. Bolt the bottom rail (Ref. 11) to the hopper rear panel with $\frac{1}{4}$ -20 x $\frac{1}{2}$ " Truss Head Screws and $\frac{1}{4}$ -20 hex nuts and lockwashers. (Heads of screws to the inside.
1. For P.T.O. drive AP Models, install winch tower (Ref. AP pg. 10) on top of the gear box guard (Ref. 60 pg. 15)
 2. Attach Winch (Ref. 5) to Winch Mount Tube (Ref. 3) with $\frac{3}{8}$ -16 x $2\frac{1}{4}$ HHCS and $\frac{3}{8}$ -16 hex nuts and lockwashers.
 3. Slip Winch Mount Tube (Ref. 3) through Winch Tower Weldment (Ref. 1). Clamp down with clamping bolt (Ref. 2).
 4. Affix Rope and "S" Hook Assembly (Ref. 3,4) to Winch Drum and start to wrap the rope partway, then hook "S" hook end into hole in the center of the Pull Rail (Ref. 14, page 6).
For engine driven models, install Winch on Throttle Control Mast (Ref. 10, Page 10) using $\frac{3}{8}$ -16 x $\frac{3}{4}$ HHCS hex nuts and lockwashers. Then, continue with Step 4 above.

L48A CHUTE & HOPPER

48"



REF.	PART #	QTY.	DESCRIPTION
1	1332952	1	Rear Hopper Panel
2	1331049	1	Hopper Top Assembly
3	1312005	2	Side Brace
4	1332947	1	Left Side Panel
5	1332605	1	Side Post Angle - Left
6	1330053	1	Left Pivot Bracket
7	1332830	1	Hopper Gusset Left
8	1330052	1	Right Pivot Bracket
9	1332716	1	Hopper Stiffening Channel
10	1332831	1	Hopper Gusset - Right
11	1332833	1	Hopper Bottom Rail
12	1332606	1	Side Post Angle - Right
13	1332946	1	Hopper Side Panel - Right
14	1330041	1	Hopper Pull Rail
15	1335605	2	Hopper Pivot Bushing
16	1314431	2	Hopper Stop Angle
17	1330035	1	Chute Side - Right
18	1332834	1	Inside Chute Panel
19	1334460	1	Cut-Off Bar
20	1334655	1	Chute Brace - Right
21	1334654	1	Chute Brace - Left
22	1334889	1	Chute Front Panel

REF.	PART #	QTY.	DESCRIPTION
23	1330036	1	Chute Side - Left
24	1318300	1	Lawn Genie Decal
25	1332610	1	Stiffening Angle
26	0008106	15	5/16-18 x 3/4 HHCS
27	1318987	1	Damper Control Rod
28	1330046	1	Damper Rod Post
29	1318977	1	Pull Rod Grommet
30	1318999	1	Ball Knob
31	0008249	3	1/8 x 3/4 Cotter Pin
32	0008212		1/4-20 x 1/2 Truss Head
33	0008211	2	1/4-20 x 3/4 Truss Head
34	0008158		1/4-20 Hex Nut
	0008178		1/4" Lockwasher
35	0008104	14	5/16-18 x 3/4 Truss Head
36	0008159	29	5/16-18 Hex Nut
	0008222	29	5/16" Lockwasher
37	0008163	2	1/2-13 Hex Nut
	0008180	2	1/2" Lockwasher
38	0008173	5	5/16" Flatwasher
39	0018264	7	#10 x 1/2 Hex Washer Head
40	1332718	1	Hopper Top Support Angle
41	0008175	2	1/2" Flatwasher
42	0008995	2	5/16" Klick Pin
43	0008141	2	1/2"-13 x 2 1/2" HHCS
44	0013302	2	Hopper Stop

POWER TAKE OFF SHAFT INSTRUCTIONS (USED ON MODELS L48AP and L48AL)

The power take off shaft from the tractor to the mower should provide satisfactory operation over any terrain the machine is likely to encounter. To meet any such operating conditions, provision should be made in the power take off shaft to prevent any of the following from occurring:

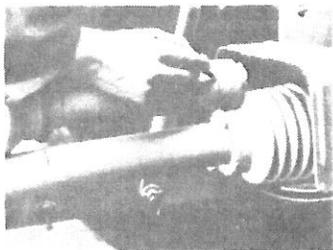
1. The telescoping section of the power line from separating.
2. The telescoping of the power line from shortening to a solid position.
3. The universal joints from reaching a lock angle.

Because tractors used with this equipment are so varied in size, we are providing a power shaft that can be adapted to your particular tractor and ground irregularities.

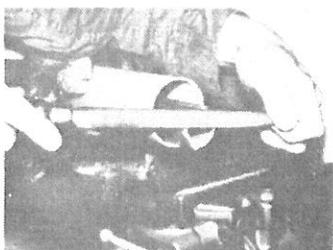
If you will be mowing over abrupt dips and steep side turns with a pull behind model, we suggest you place the mower and tractor in the most severe operating positions liable to be encountered (consider turning positions, also) and then proceed with the fitting of the power shaft to the tractor.

In extreme cases, adjustments may have to be made to the tractor drawbar.
These instructions explain fitting the power shaft to the tractor:

1. Separate the telescoping half sections of the power shaft.
2. Attach Lawn Genie to tractor.
3. Connect the splined end half section to the tractor and the keyed end half section to the Lawn Genie.

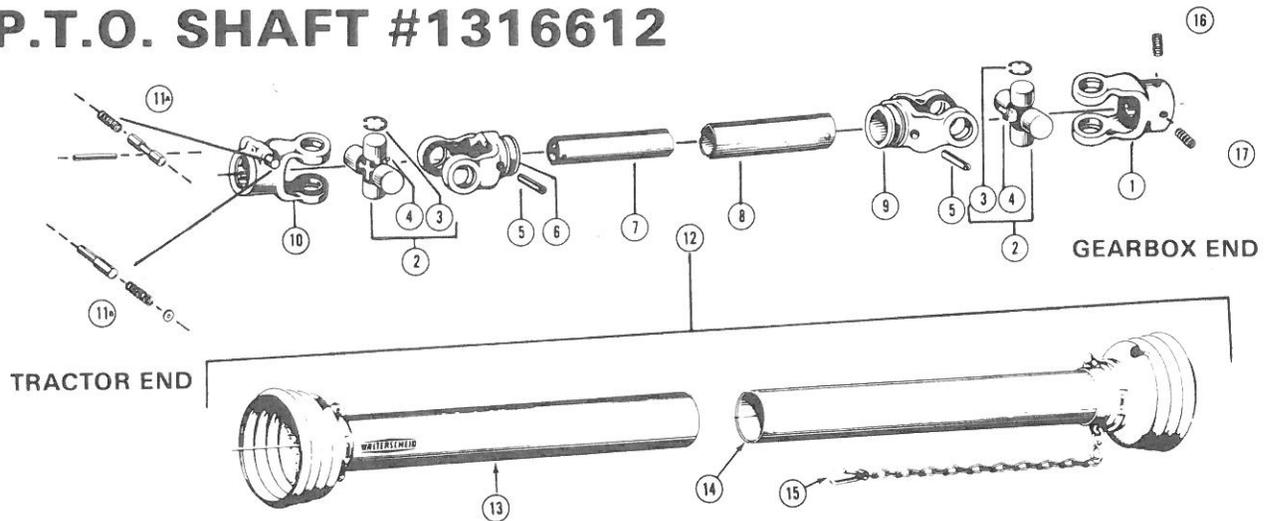


4. With the two halves laying side by side (as shown), mark the length required so that in no position will the guard tubes bottom out on each other.
5. Disconnect both half sections.
6. Cut both the plastic guard tube and the steel shaft off at the mark.
7. Cut the plastic guard tube only off $\frac{3}{4}$ " shorter than the steel drive tube. This is necessary for ease of joining the two telescopic sections together.
8. Cut off of the other half section the same amount of tube as in Steps 6 and 7.
9. Remove rough edges where cuts were made.



10. Grease steel shaft and assemble both halves together, then check for smooth telescoping action.
11. When attaching P.T.O. shaft for operation, the guard chain must connect to the Lawn Genie in a way that there is enough slack to turn corners but tight enough to keep the plastic guard from revolving with the P.T.O. shaft. (See front cover for examples.
12. With the Genie attached to the tractor and the P.T.O. out of gear, slowly make turns and raise and lower the Genie and watch the Power Take Off Shaft. Make sure the shafts do not bottom out or come apart.

P.T.O. SHAFT #1316612



REF.	PART #	DESCRIPTION	REF.	PART #	DESCRIPTION
1	1326645	Outboard Yoke (Machine Half)	11b	1326664	Spring Pin Kit — Consisting Of: Spring Pin, Spring, Spring Retainer (Disc-Type)
2	1326646	Cross Assembly (Consisting of Ref. 3 & 4)	12	1326659	Plastic Guard (Incl. Ref. 13, 14, 15)
3	1326647	Lock Ring	13	1326660	Plastic Guard (Female Half)
4	1326648	Grease Fitting	14	1326661	Plastic Guard (Male Half)
5	1326649	Roll Pin	15	1326662	Plastic Guard Chain
6	1326650	Inboard Yoke (Male)	16	1318111	Dog Pt. Set Screw 5/16-18 × 1" w/nut
7	1326651	Telescopic Section (Male)	17	1318211	Cup Pt. Screw 5/16-18 × 3/4"
8	1326652	Telescopic Section (Female)	—	0018120	5/16-18 Hex Jam Nut (used w/ref.16 & 17)
9	1326653	Inboard Yoke (Female)			
10	1326654	Outboard Yoke (Tractor Half) w/ Spring Pin 1 3/8-6B Spline			
11a	1326664	Spring Pin Kit — Consisting Of: Spring Pin, Spring, Spring Retainer (Pin-Type)			

Tractor Power Take Off (P.T.O.) Speed and Rotation

Tractor Power Take Off Speed - 540 R.P.M. Only

This is the only tractor P.T.O. speed with which the 48" Lawn Genie is designed to operate.

As you stand behind the tractor looking at the revolving P.T.O. shaft, you will find that most P.T.O. shafts turn **Clockwise** 

All 48" Lawn Genies equipped with P.T.O. drives have the gearbox installed at the factory to operate with a tractor P.T.O. shaft rotating **Clockwise**  at 540 R.P.M.

After checking the P.T.O. rotation of your tractor and you find it turns **Counter Clockwise**,  proceed with the following instructions:

Clockwise  **P.T.O. to Counter Clockwise**  **P.T.O. Conversion**

Refer to illustration, Page 17 for following instructions:

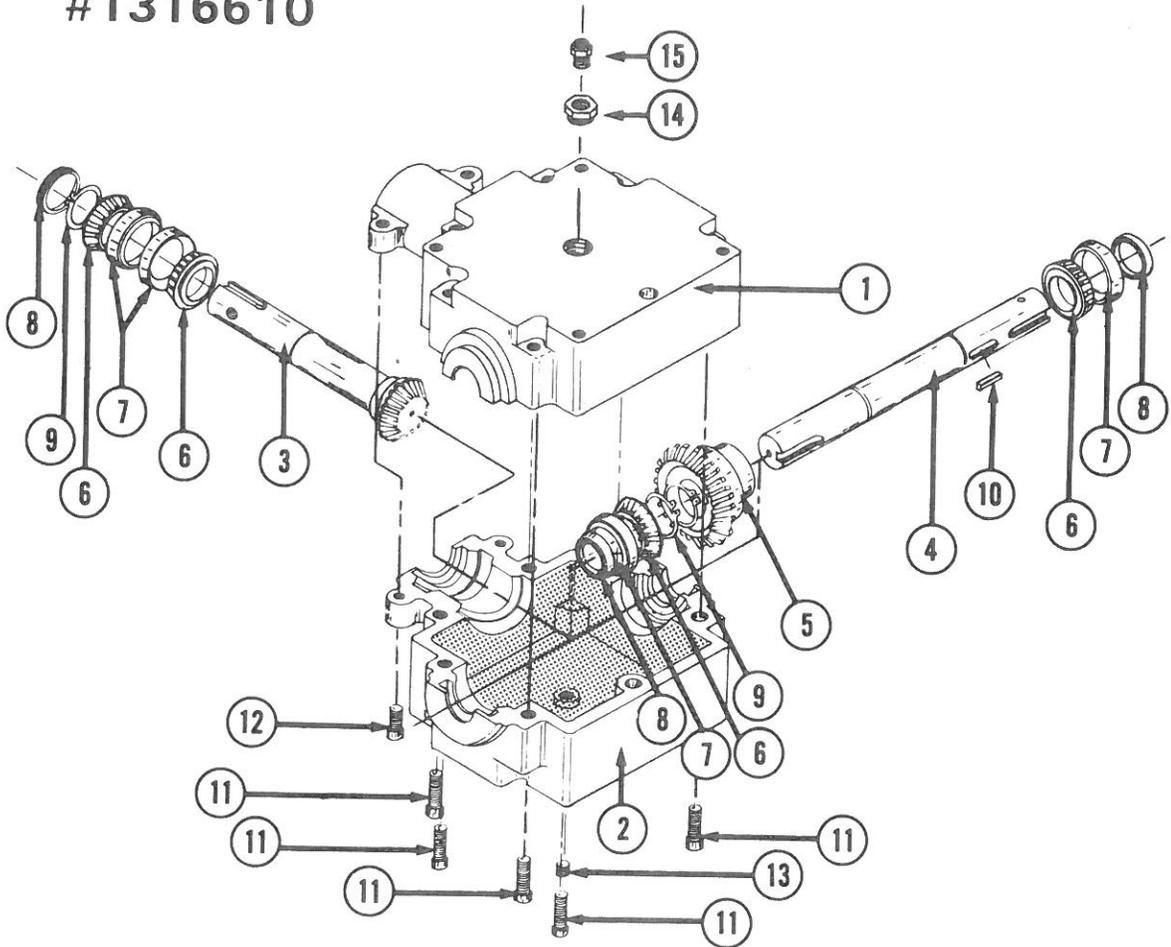
1. Remove the gearbox guard (Ref. #44).
2. Remove the power take off shaft (Ref. #57).
3. Remove the four 3/8" capscrews that hold the gearbox to the base (Ref. # 47).
4. Slide the gearbox away from the flex coupling (Ref. #48).
5. Turn the gearbox over so that the shaft that was pointing to the rear of the Lawn Genie is now pointing forward.
6. Exchange the vent plug and the drain plug so that the vent plug is on top of the gearbox. Also, make sure the drain plug does not protrude beyond the (4) mounting bolt bosses.
7. Reinstall the gearbox and safety shields by reversing steps 1 thru 4, making sure the flex coupling is aligned.

48" Lawn Genie Rotor Rotation

The Lawn Genie rotor stub shaft must turn clockwise when looking at it from the left side.

See optional Leaf Mulching Screen illustration, Page 13, for view of rotation arrow on left side of Genie.

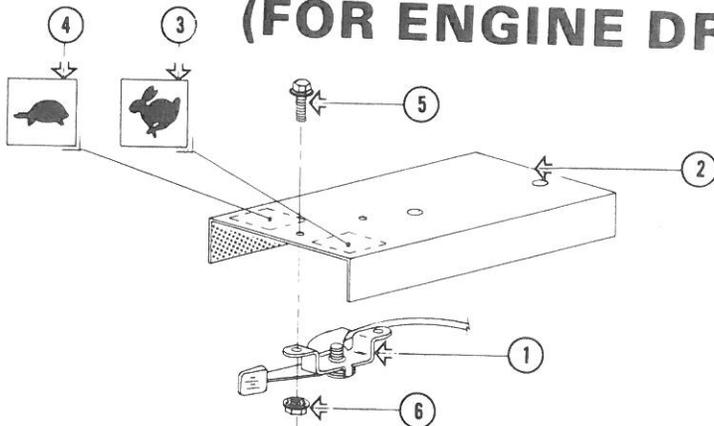
GEARBOX #1316610



REF.	QTY.	PART #	DESCRIPTION
1	1	1326632	Threaded Half of Gearbox
2	1	1326631	Thru Hole Half of Gearbox
3	1	1326633	Shaft w/Gear
4	1	1326634	Shaft Cross; Type C & F
5	1	1326635	Gear; 32 Tooth
6	4	1326636	Bearing Cone
7	4	1326637	Bearing Cup

REF.	QTY.	PART #	DESCRIPTION
8	3	1326638	Seal
9	3	1326639	Retaining Ring
10	1	1326640	Key ¼" Square x .930
11	8	1326641	Bolt 2½" SHCS
12	2	1326642	Bolt 1½" SHCS
13	1	1326643	Plug
14	1	1237507	¼ to ⅜ Reducing Bushing
15	1	0026677	Vent Plug ⅜-27 NPT

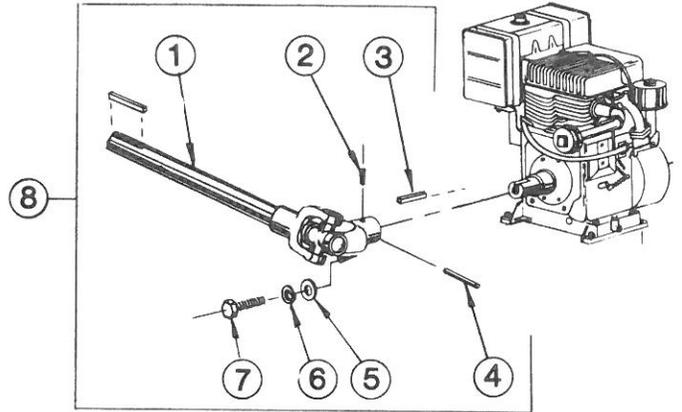
THROTTLE CONTROL ASSEMBLY #1311057 (FOR ENGINE DRIVE MACHINES)



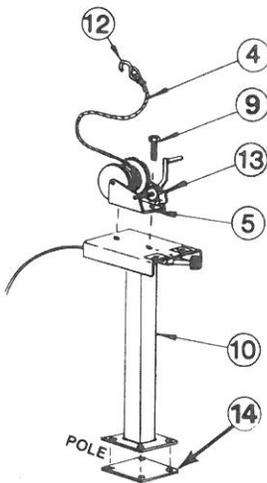
REF.	QTY.	PART #	DESCRIPTION
1	1	1317000	Throttle Control
2	1	1314671	Throttle Control Mount
3	1	1318302	Rabbit Decal (Fast)
4	1	1318303	Turtle Decal (Slow)
5	2	0008223	#10-32 x ½ Washer Hex Head
6	2	0008224	#10-32 Whiz Nut

UNIVERSAL COUPLING OUTPUT SHAFT REPLACEMENT KIT L48AE, AL and AP M-C #1329009

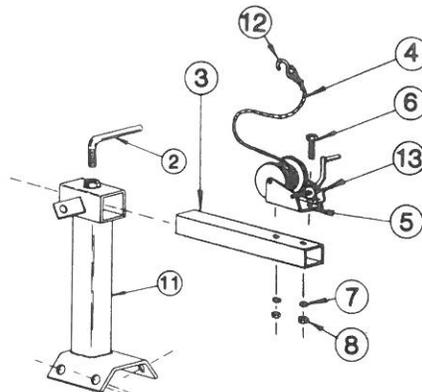
REF.	QTY.	PART #	DESCRIPTION
1	1	1316613	Universal Coupling & Shaft (All)
2	1	0008201	5/16"-18 x 5/16" Set Screw (All)
3	2	0015118	1/4" x 1/4" x 1 1/4" Key (All)
4	1	0018292	1/4" x 2" Roll Pin (AL & AP)
5	1	1312604	Retaining Washer (AE)
6	1	0008179	3/8" Lockwasher, Raw (AE)
7	1	1318135	3/8"-24 x 1 1/4" Hex Bolt (AE)
8	1	1329009	Output Shaft Replacement Kit



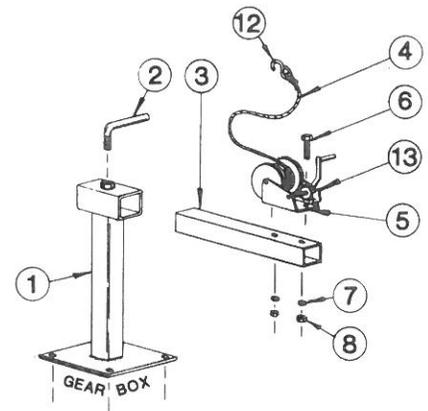
WINCH ASSEMBLIES



AE #1331057



AL #1331050



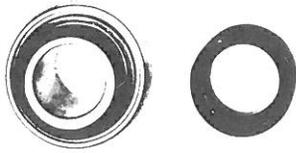
AP #1331056

REF.	QTY.	PART #	DESCRIPTION
1	1	1330047	Winch Tower (AP)
2	1	0018162	1/2" Clamp Bolt
3	1	1335612	Mount Tube
4	1	1331015	Cable & "S" Hook Ass'y.
5	1	1318700	Winch
6	2	0008129	3/8-16 x 2 1/4" HHCS
7	2	0018139	3/8" Lockwasher

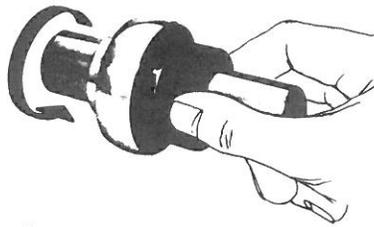
REF.	QTY.	PART #	DESCRIPTION
8	2	0008162	3/8-16 Hex Nut
9	2	0008119	3/8-16 x 3/4 HHCS
10	1	1300000	Throttle Control Mast
	4	0008130	3/8-16 x 2 1/2" HHCS
11	1	1330029	Winch Tower (AL)
12	1	1318259	"S" Hook Only
13	1	1328250	Spring
14	1	1304200	Base Plate

How to install the Self-Locking Collar

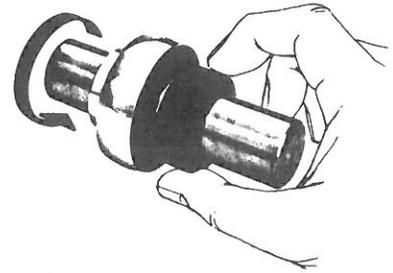
To remove the self locking collar, use the reverse procedure.



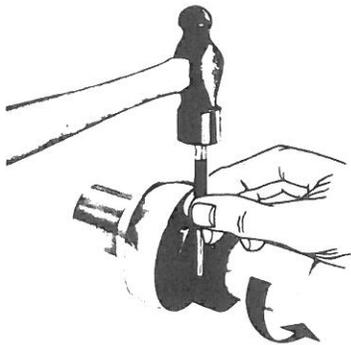
1. Observe cam design of wide inner ring and self-locking collar.



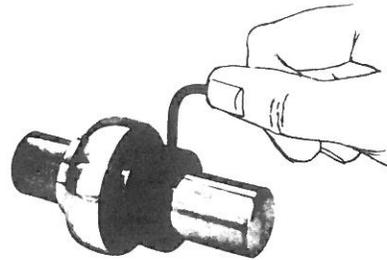
2. Mate cam of collar with cam of bearing inner ring.



3. Pressing collar lightly against inner ring, turn collar in direction of shaft rotation until engaged.

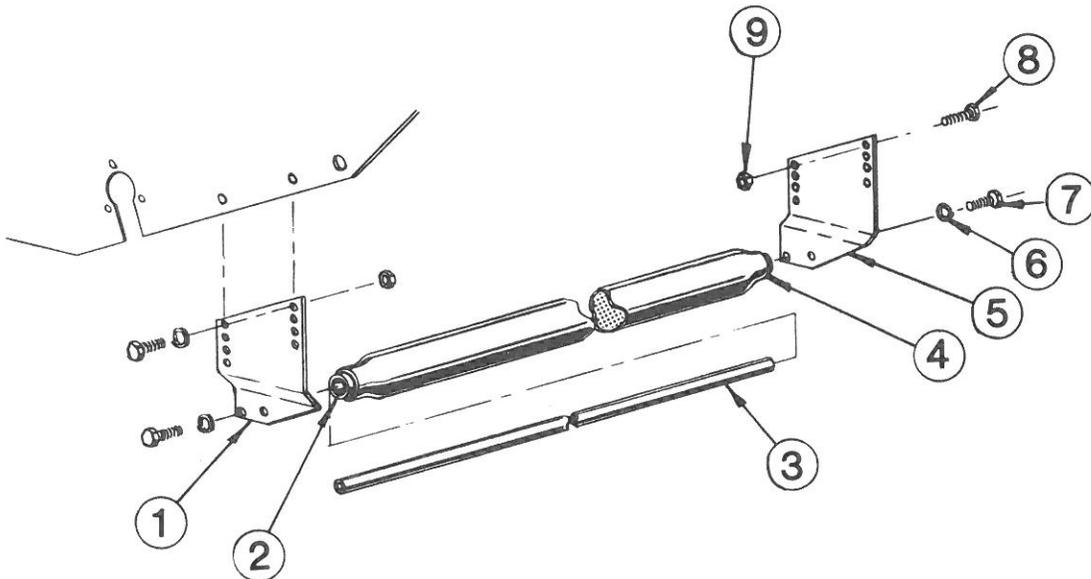


4. With drift pin in collar hole, strike in direction of shaft rotation to lock.



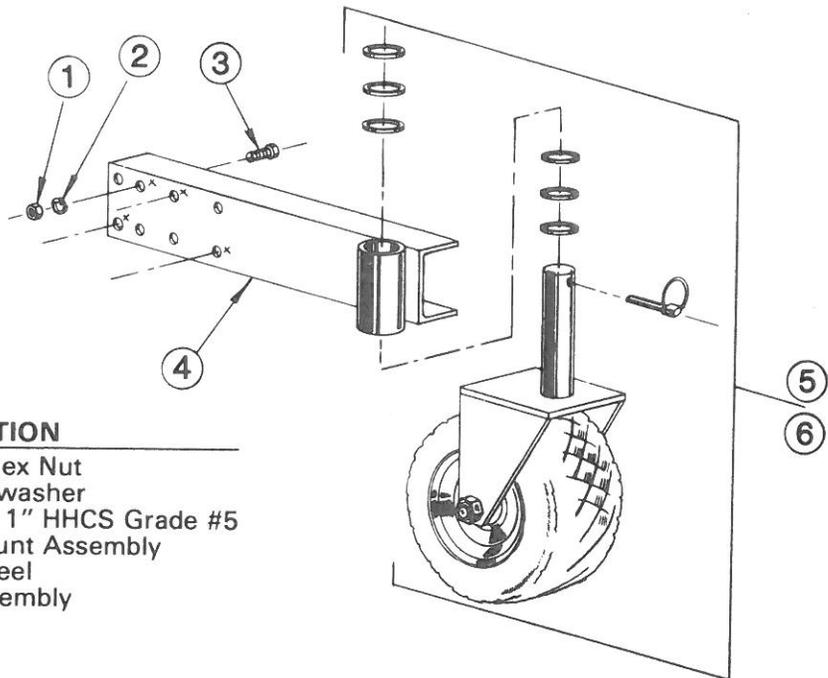
5. Tighten set screw in collar.

48" FRONT ROLLER KIT #1339022



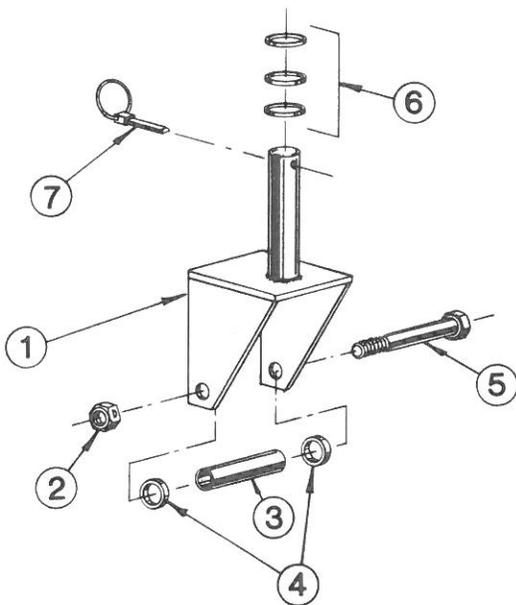
REF.	QTY.	PART #	DESCRIPTION	REF.	QTY.	PART #	DESCRIPTION
1	1	1333414	Front Roller Bracket - Right	6	2	0008180	1/2" Lockwasher
2	2	1316006	Gauge Roller Bearing	7	2	1338161	1/2-13 x 1 1/2" HHCS Grd. #5
3	1	1315005	Roller Tie Bar	8	4	0008289	3/8-16 x 1 1/2" HHCS Grd. #5
4	1	1310102	Gauge Roller	9	4	0008204	3/8-16 NY-Lock Nut
5	1	1333415	Front Roller Bracket - Left				

L48A CASTER WHEEL KIT #1339023



REF.	QTY.	PART #	DESCRIPTION
1	8	0008159	5/16-18 Hex Nut
2	8	0008222	5/16 Lockwasher
3	8	0018116	5/16-18 x 1" HHCS Grade #5
4	2	1331059	Caster Mount Assembly
5	2	1338992	Caster Wheel
6	2	1331016	Caster Assembly

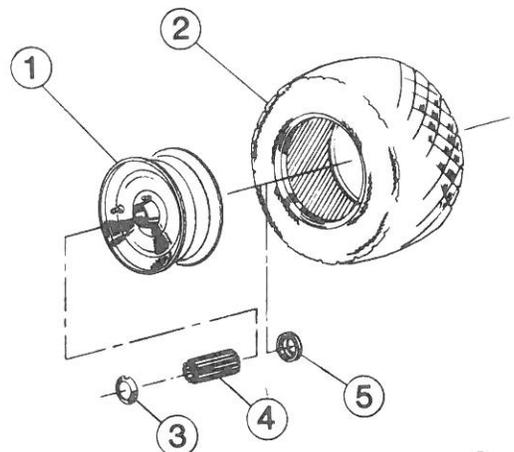
CASTER ASSEMBLY #1331016



REF.	QTY.	PART #	DESCRIPTION
1	1	1330030	Caster Yoke
2	1	1288164	1/2-13 2-Way Locknut
3	1	1335592	Wheel Bearing Bushing
4	2	1335603	Wheel Spacer
5	1	1328981	Axle Bolt 1/2-13 x 5" HHCS
6	6	1337852	Caster Washer (Use as needed)
7	1	0008995	Klik Pin - 5/16 Diameter Pin

CASTER WHEEL #1338992

REF.	QTY.	PART #	DESCRIPTION
1	1	1328968	Wheel w/ Bearing (Ref. 3, 4 & 5)
2	1	1328967	Tire 9 x 3.50-4
3	1	1328969	Outer Bearing Cap (Notch)
4	1	1326003	Bearing
5	1	1328970	Inner Bearing Cap



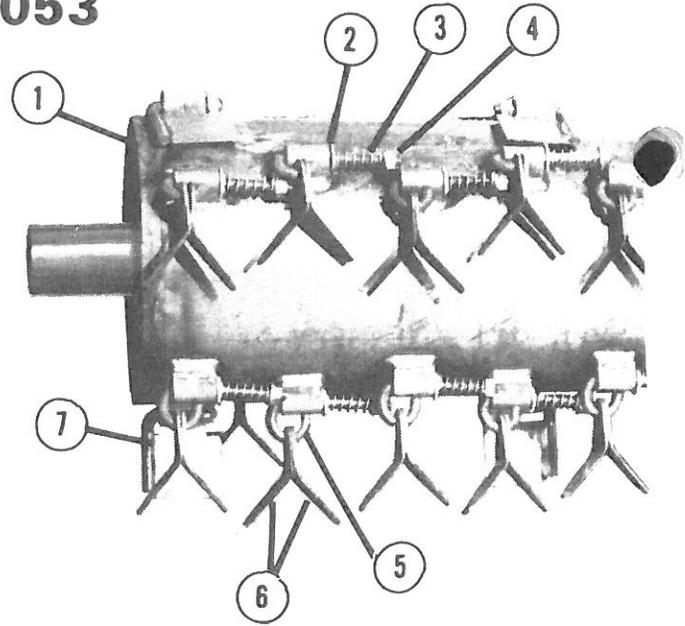
ROTOR ASSEMBLY #1311053

REF.	QTY.	PART #	DESCRIPTION
1	1	1310099	L48A Rotor Weldment
2	56	0008173	5/16" Flatwasher
3	56	1318708	Spring
4	70	0008205	3/8-16 Flanged Mac Locknut
5	56	1318709	Spring Loaded Knife Hanger
6	116	1314446	Knife Blade
7	12	1310017	Vacuum Paddle

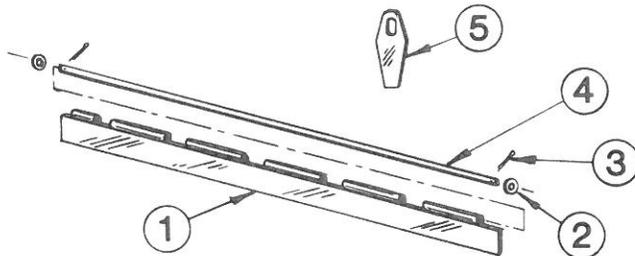
NOT SHOWN:

2 1318707 Shorter Knife Hanger

1014701



THATCHING BLADE KIT WITH WIDE VACUUM PADDLES KIT #1339017

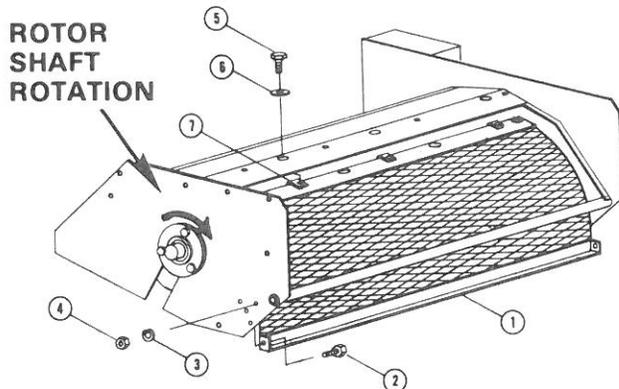


REF.	QTY.	PART #	DESCRIPTION
1	2	1330055	Vacuum Paddle
2	4	0018134	3/8" S.A.E. Washer
3	4	0008199	1/8" Cotter Pin
4	2	1335736	Retaining Rod
5	58	1334445	Thatching Blade

THATCHING BLADES ONLY KIT #1339034

WIDE VACUUM PADDLES ONLY KIT #1339030

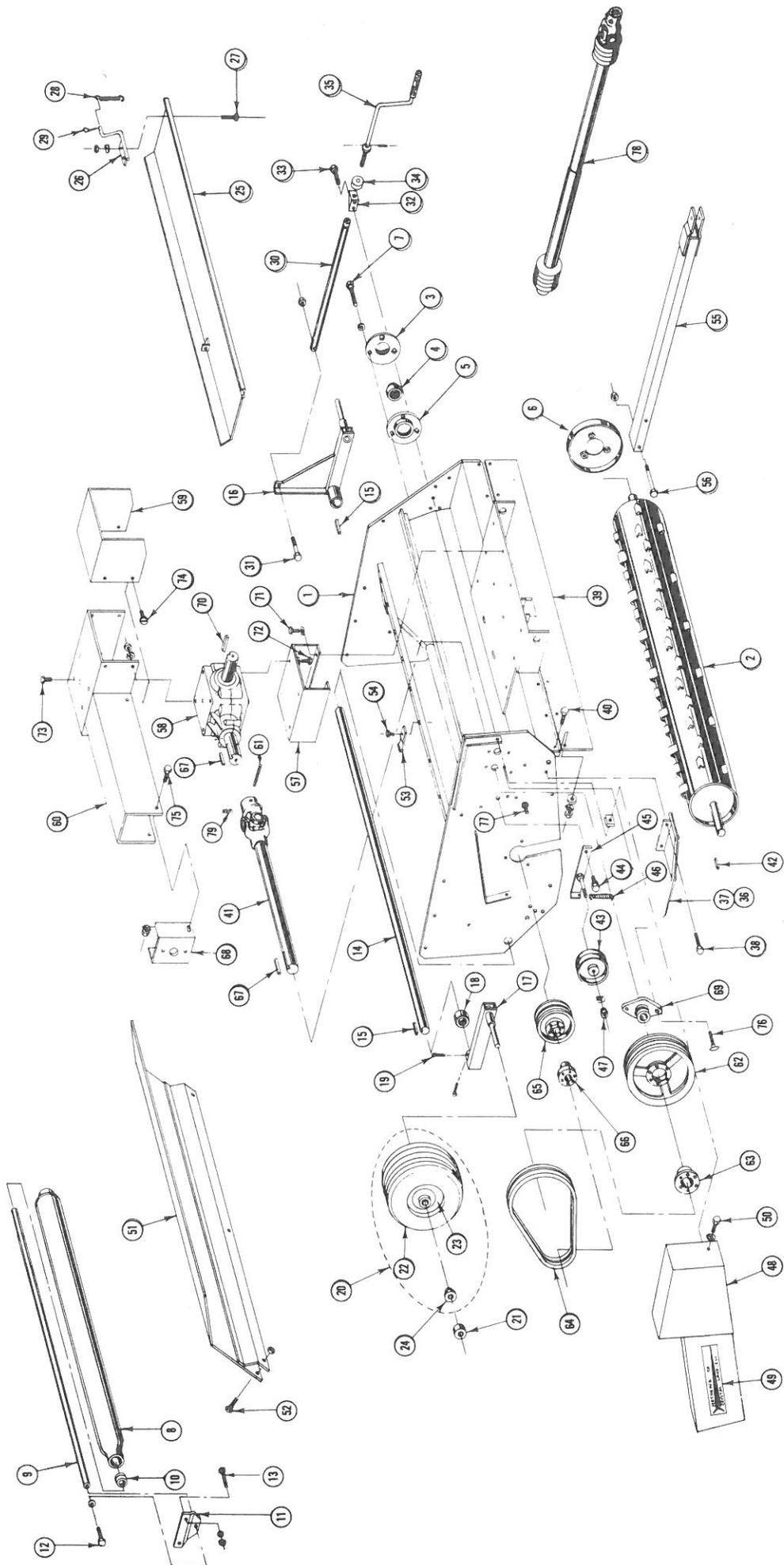
OPTIONAL LEAF MULCHING SCREEN #1339015



REF.	QTY.	PART #	DESCRIPTION
1	1	1330045	L48A Leaf Mulching Screen
2	2	0008121	3/8-16 x 1" HHCS
3	2	0008179	3/8" Lockwasher
4	2	0008162	3/8-16 Hex Nut
5	4	0008108	5/16-18 x 1" HHCS
6	4	0008173	5/16" Flatwasher
7	4	0018111	5/16-18 "U" Nut Retainer

NOTES

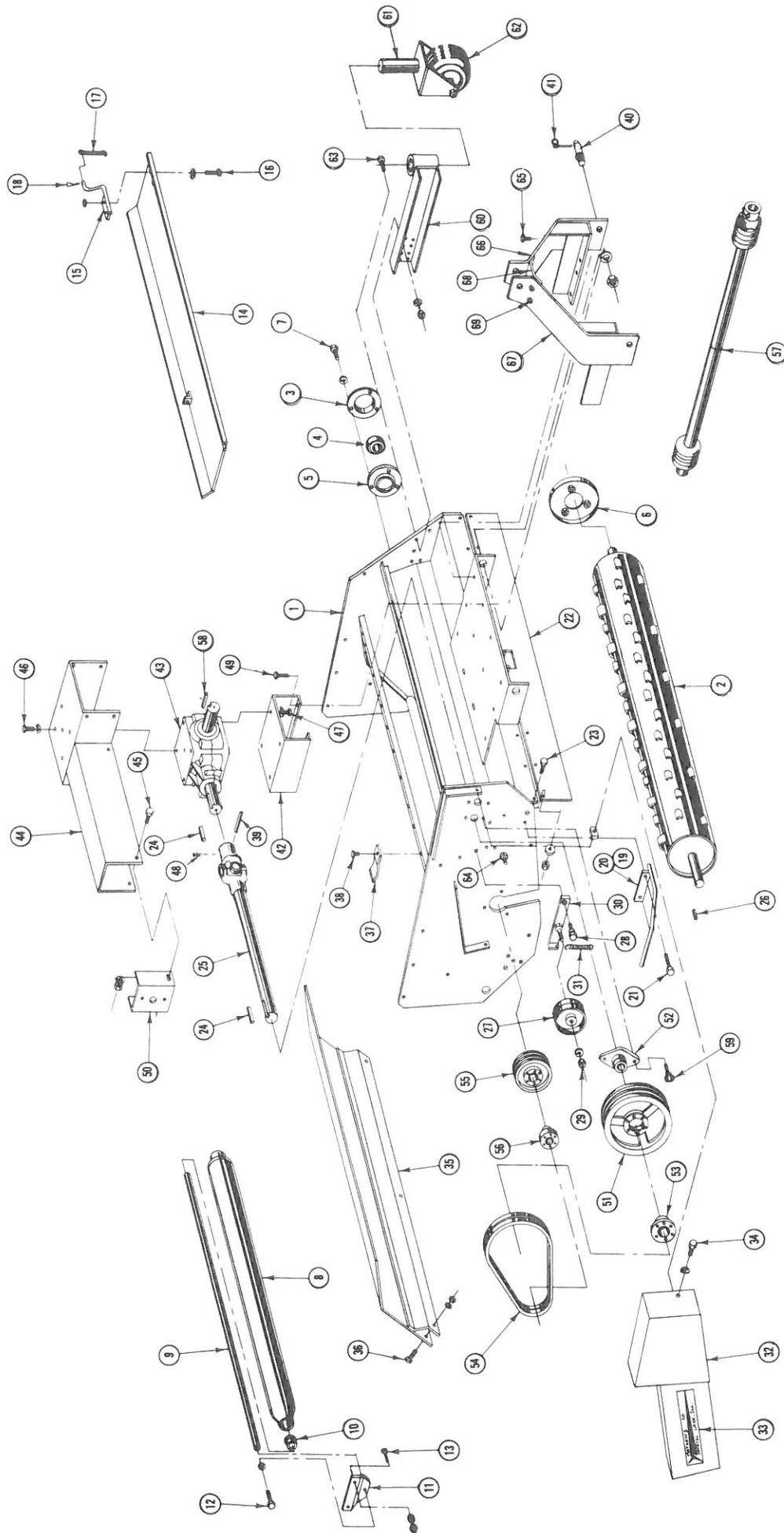
L48AP LAWN GENIE GEARBOX MODEL PULL TYPE



L48AP PARTS LIST

REF.	QTY.	PART #	DESCRIPTION	REF.	QTY.	PART #	DESCRIPTION
1	1	1310100	L48A Body Weldment	44	1	0018163	1/2-13 x 1 1/2" Shoulder Bolt HH
2	1	1311053	L48A Rotor Ass'y. (See pg. 13)	1	1	1312945	Shim Washer 16 Ga. x 3/4 I.D.
3	2	0016019	1-7/16" 3-Bolt Flangette with Zerk	1	1	0008180	1/2" Lockwasher
4	2	0016020	1-7/16" Bearing with Collar	1	1	0008163	1/2-13" Hex Nut
5	2	0016021	1-7/16" 3-Bolt Flangette	45	1	1310094	Belt Idler Weldment
6	2	1310027	Anti-Wrap Flange	46	1	1318256	Idler Spring
7	6	1318133	3/8-16 x 1 1/4" HHCS Grd. #5 NY Patch	47	1	0008163	1/2-13" Hex Nut
	6	0008179	3/8" Lockwasher	1	1	0008180	1/2" Lockwasher
8	1	1310102	Gauge Roller (Includes Item 9 and 2 of Item 10)	48	1	1310104	48" Genie Belt Guard
9	1	1315005	Gauge Roller Tie Bar	49	1	0018303	M-C Arrow Decal
10	2	1316006	Gauge Roller Bearing	50	2	0008108	5/16-18 x 1" HHCS
11	2	1313474	Gauge Roller Bracket	2	2	0018115	U-Shaped Nut Retainer
12	2	1338161	1/2-13 x 1 1/2" HHCS Grd. #5	51	1	1310095	Rear Cover
	2	0008180	1/2" Lockwasher	52	3	0008101	1/4-20 x 2" HHCS
13	4	1318162	1/2-13 x 1" HHCS Grade #5	3	3	0008210	1/4-20 2-Way Lock Nut
	4	0008180	1/2" Lockwasher	53	4	1313305	Rear Cover Locking Clip
	4	0008163	1/2-13 Hex Nut	54	4	0008100	1/4-20 x 3/4" HHCS
14	1	1315044	48" Main Axle	4	4	0008210	1/4-20 2-Way Lock Nut
15	2	0015132	3/8 x 2" Key	55	1	1310077	Genie Pole Weldment
16	1	1310092	Left Wheel Mount Weldment	56	2	0018136	3/8"-16 x 3 1/4" HHCS Grade #5
17	1	1310093	Right Wheel Mount Weldment	2	2	0008204	3/8-16 NY-Lock Nut
18	1	1315624	Spacer	57	1	1314243	Gearbox Mount
19	4	1318131	3/8-16 x 5/8" Square Head, Cone Point Set Screw	58	1	1316610	2 to 1 Gearbox (See page 9)
20	2	1318993	Tire and Wheel Complete	59	1	1314801	Guard Extension
21	2	1318995	Set Collar	60	1	1310091	Gearbox Guard Weldment
22	2	1328998	Tire 13.500 x 6	61	1	0018292	1/4" x 2" Roll Pin
23	2	1328997	Wheel with Bearings	62	1	1316211	2/3V/10.6 SK Sheave
24	4	1326000	Wheel Bearing 3/4" Bore	63	1	0016204	SK-1" Bore Tapered Bushing
25	1	1310098	Damper Panel Weldment	64	1	1316102	2/3V/600 Belt
26	1	1310003	Damper Panel Crank	65	1	1316212	2/3V/5.6 Sh Sheave
27	2	0008212	1/4-20 x 1/2" Truss Head	66	1	1316214	SH 1-7/16" Tapered Bushing
	2	0008178	1/4" Lockwasher	67	3	0015118	1/4 x 1/4 x 1 1/4" Key
	2	0008158	1/4-20 Hex Nut	68	1	1312834	Outboard Guard Bracket
28	1	1318990	Damper Spring	69	1	1316005	2-Bolt Flange Bearing 1" Bore
29	2	0008249	1/8 x 3/4" Cotter Pin	70	1	0015120	1/4 x 1/4 x 1 1/2" Key
30	1	1310005	Ram Tube Weldment	71	4	1318257	3/8-16 x 1" HHCS Grd. #5 NY Patch
31	1	0008290	3/8-16 x 1 1/2" HHCS	4	4	0008179	3/8" Lockwasher
	1	0008204	3/8-16 Hex Nut with NY-Lock	72	4	0008162	3/8-16 Hex Nut
32	1	1310039	Crank Mounting Bracket	4	4	1318257	3/8-16 x 1" HHCS Grd. #5 w/ NY Patch
33	2	0008106	5/16-18 x 3/4" HHCS	4	4	0008179	3/8" Lockwasher
	2	0008222	5/16" Lockwasher	73	4	0008121	3/8-16 x 1" HHCS
	2	0008159	5/16-18 Hex Nut	74	4	0008179	3/8" Lockwasher
34	1	1316000	Thrust Bearing	4	4	0008212	1/4-20 x 1/2" Truss Head
35	1	1311033	Crank Screw Assembly	4	4	0008178	1/4" Lockwasher
	1	1338254	3/16 x 1" Roll Pin	4	4	0008158	1/4-20 Hex Nut
	1	1318991	Black Handle Grip	75	4	0008240	1/4-20 x 1" HHCS
	1	0008175	1/2" Flatwasher	4	4	0008178	1/4" Lockwasher
36	1	1310012	Left Tree Guard	4	4	0008158	1/4-20 Hex Nut
37	1	1310013	Right Tree Guard	76	2	1318110	5/16-18 x 1 1/4" Carriage Bolt
38	4	0008121	3/8-16 x 1" HHCS	2	2	0008222	5/16" Lockwasher
	4	0008204	3/8-16 Hex Nut with NY-Lock	2	2	0008159	5/16-18" Hex Nut
39	1	1318972	Rubber Stone Guard	77	1	0008208	1/4-20 x 1 1/4" Slotted Truss Head
40	10	0008100	1/4-20 x 3/4" HHCS	1	1	0008178	1/4" Lockwasher
	10	0008173	5/16" Flatwasher	1	1	0008158	1/4-20 Hex Nut
	10	0008178	1/4" Lockwasher	1	1	0008210	1/4-20 2-Way Lock Nut
	10	0008158	1/4-20 Hex Nut	78	1	1316612	P.T.O. Shaft (See page 7 & 8)
41	1	1316613	Universal Coupling & Shaft	1	1	1318134	3/8-16 x 1" NY-Lock Set Screw
42	1	0015149	3/8 x 1 1/4" Key	1	1	0008203	3/8-16 x 3/4" Knurled Cup Point Set Screw
43	1	0016200	Flat Back Idler 4 5/8" O.D. x 1/2" Bore	2	2	1288133	3/8-16 Jam Nut
				79	1	0018118	5/16"-18 x 5/16" Set Screw

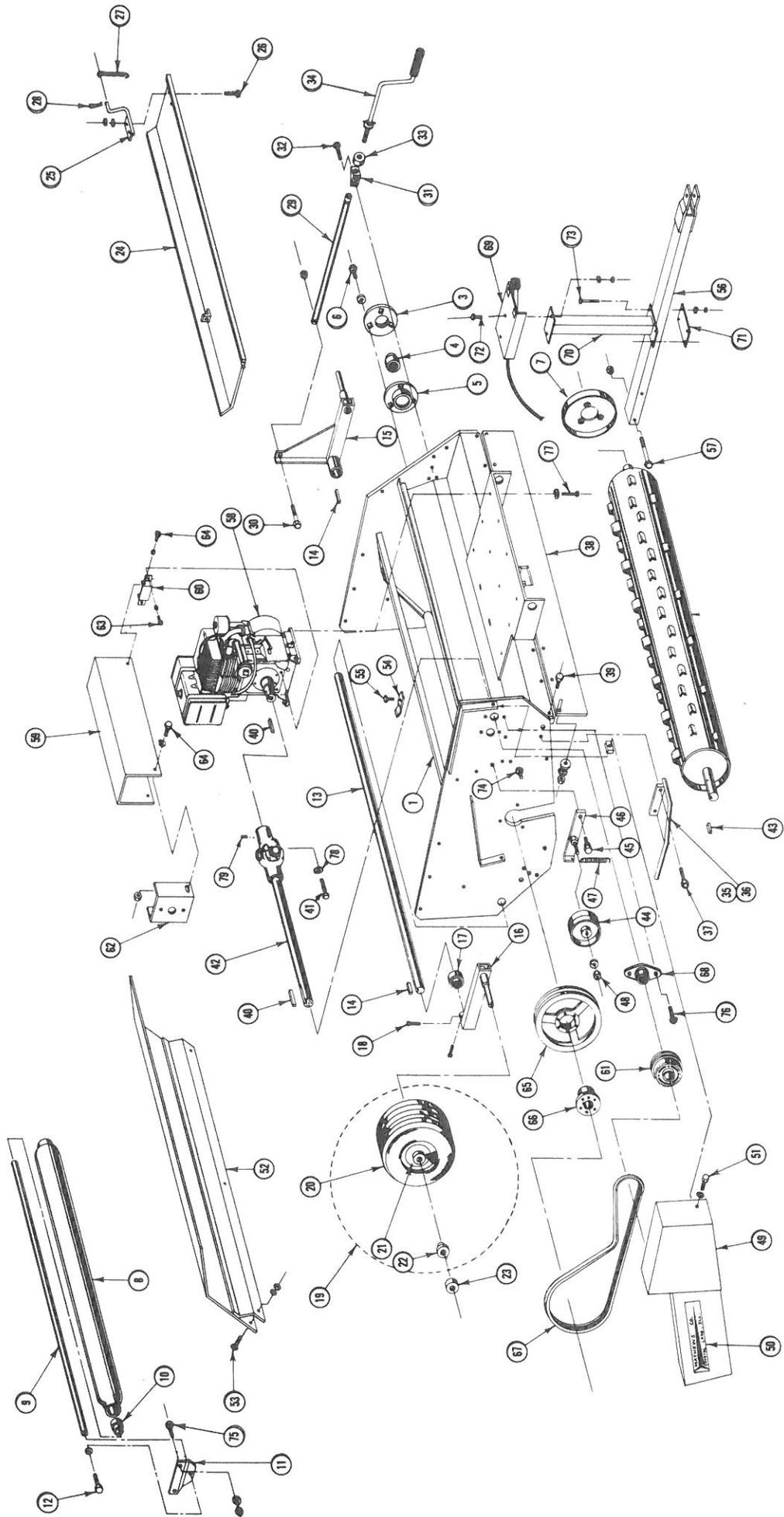
L48AL LAWN GENIE GEARBOX MODEL WITH THREE POINT HITCH



L48AL PARTS LIST

REF.	QTY.	PART #	DESCRIPTION	REF.	QTY.	PART #	DESCRIPTION
1	1	1310100	L48A Mower Body Weldment	41	2	0008993	Klik Pin 7/16" Dia. Pin
2	1	1311053	L48A Rotor Ass'y. (See pg. 13)	42	1	1314243	Gearbox Mount
3	2	0016019	1-7/16" 3-Bolt Flangette with Zerk	43	1	1316610	2 to 1 Gearbox (See page 9)
4	2	0016020	1-7/16" Bearing with Collar	44	1	1310091	Gearbox Guard Weldment
5	2	0016021	1-7/16" 3-Bolt Flangette	45	4	0008240	1/4-20 x 1" HHCS
6	2	1310027	Mower Anti-Wrap Flange		4	0008178	1/4" Lockwasher
7	6	1318133	3/8-16 x 1 1/4" HHCS Grade #5 w/ NY Patch	46	4	0008158	1/4-20 Hex Nut
	6	0008179	3/8" Raw Lockwasher	47	4	0008121	3/8-16 x 1" HHCS
8	1	1310102	Gauge Roller (Includes Items 9 and 2 of Item 10)	47	4	0008179	3/8" Lockwasher w/ NY Patch
9	1	1315005	Gauge Roller Tie Bar	48	1	0018118	5/16"-18 Set Screw
10	2	1316006	Gauge Roller Bearing		1	1326663	Rubber Center Web
11	2	1313474	Gauge Roller Bracket	49	4	1318257	3/8-16 x 1" HHCS Grd. #5
12	2	1338161	1/2-13 x 1 1/2" HHCS Grade #5		4	0008179	3/8" Lockwasher
	2	0008180	1/2" Lockwasher		4	0008162	3/8-16 Hex Nut
13	4	1318162	1/2-13 x 1" HHCS Grade #5	50	1	1312834	Guard Outboard Bracket
	4	0008180	1/2" Lockwasher	51	1	1316211	2/3V/10.6 SK Sheave
	4	0008163	1/2-13 Hex Nut	52	1	1316005	2-Bolt Flange Bearing-1" Bore
14	1	1310098	Mower Damper Panel Weld.	53	1	0016204	QD-SK Bushing 1" Bore
15	1	1310003	Mower Damper Panel Crank	54	1	1316102	2/3V/600 Belt
16	2	0008212	1/4-20 x 1 1/2" Truss Head	55	1	1316212	2/3V/5.6 SH Sheave
	2	0008178	1/4" Lockwasher	56	1	1316214	SH 1-7/16" Tapered Lock Hub
	2	0008158	1/4-20 Hex Nut	57	1	1316612	P.T.O. Shaft (See page 7 & 8)
17	1	1318990	Damper Spring	1	1	1318134	3/8-16 x 1" Set Screw with NY-Lock
18	2	0008249	1/8 x 3/4" Cotter Pin		1	0008203	3/8-16 x 3/4" Knurled Cup Point Set Screw
19	1	1310012	"Left" Mower Tree Guard Weld.		2	1288133	3/8-16 Jam Nut
20	1	1310013	"Right" Tree Guard Weld.	58	1	0015120	1/4 x 1 1/2" Key
21	4	0008121	3/8-16 x 1" HHCS	59	2	1318110	5/16-18 x 1/4" Carriage Bolt
	4	0008204	3/8-16 Hex Nut with NY-Lock		2	0008222	5/16" Lockwasher
22	1	1318972	48" Stone Guard Flap		2	0008159	5/16-18" Hex Nut
23	10	0008100	1/4-20 x 3/4" HHCS	60	2	1331059	Caster Mount Assembly
	10	0008173	5/16" Flatwasher		1	1328990	Drive-In Zerk
	10	0008178	1/4" Lockwasher	61	2	1331016	Caster Assembly (See page 12)
	10	0008158	1/4-20 Hex Nut	62	2	1338992	Wheel and Tire Assembly (See page 12)
24	3	0015118	1/4 x 1/4 x 1 1/4 Key	63	8	0018116	5/16-18 x 1" HHCS Grade #5
25	1	1316613	Universal Coupling & Shaft		8	0008222	5/16" Lockwasher
26	1	0015149	3/8 x 1 1/4 Key		8	0008159	5/16-18 Hex Nut
27	1	0016200	Idler 4 5/8" O.D. x 1/2" Bore	54	1	0008208	1/4-20 x 1 1/4" Slotted Truss Head
28	1	0018163	Shoulder Bolt 1/2-13 x 1" HH		1	0008178	1/4" Lockwasher
	1	1312945	Shim Washer 16 Ga. x 3/4 I.D.		1	0008158	1/4-20 Hex Nut
	1	0008180	1/2" Lockwasher		1	0008210	1/4-20 2-Way Locknut
	1	0008163	1/2-13 Hex Nut	65	6	0008278	1/2-13 x 1 3/4 HHCS Grade #5
29	1	0008163	1/2-13 Hex Nut		6	0008180	1/2" Lockwasher
	1	0008180	1/2" Lockwasher		6	0008163	1/2-13 Hex Nut
30	1	1310094	Belt Idler Weldment	66	1	1310112	Hitch Bracket Left
31	1	1318256	Idler Spring	67	1	1310113	Hitch Bracket Right
32	1	1310104	48" Genie Belt Guard	68	1	1313525	Hitch Center Support
33	1	0018303	Decal Red & Yellow M-C Arrow	69	4	1338161	1/2"-13 x 1 1/2" HHCS Grade #5
34	2	0008108	5/16-18 x 1" HHCS		4	0008180	1/2" Lockwasher
	2	0018115	U-Shaped Nut Retainer		4	0008163	1/2"-13 Hex Nut
35	1	1310095	Mower Rear Cover Weldment				
36	3	0008101	1/4-20 x 2" HHCS				
	3	0008210	1/4-20 2-Way Locknut				
37	4	1313305	Rear Cover Locking Clip				
38	4	0008100	1/4-20 x 3/4" HHCS				
	4	0008210	1/4-20 2-Way Locknut				
39	1	0018292	1/4" x 2" Roll Pin				
40	2	1318210	Link Pin Cat. #1 (w/ Lockwasher & Hex Nut)				

L48AE LAWN GENIE ENGINE DRIVEN PULL TYPE



L48AE PARTS LIST

REF.	QTY.	PART #	DESCRIPTION	REF.	QTY.	PART #	DESCRIPTION
1	1	1310100	L48A Mower Body Weldment	44	1	0016200	Idler 4 $\frac{5}{8}$ " O.D. $\frac{1}{2}$ " Bore
2	1	1311053	L48A Rotor Ass'y. (See pg. 13)	45	1	0018163	Shoulder Bolt $\frac{1}{2}$ -13 \times $1\frac{1}{2}$ " HH
3	2	0016019	1-7/16" 3-Bolt Flangette with Zerk	1	1	1312945	Shim Washer - 16 Ga. \times $\frac{3}{4}$ I.D.
4	2	0016020	1-7/16" Bearing with Collar	1	1	0008180	$\frac{1}{2}$ " Lockwasher
5	2	0016021	1-7/16" 3-Bolt Flangette	1	1	0008163	$\frac{1}{2}$ -13 Hex Nut
6	6	1318133	$\frac{3}{8}$ -16 \times $1\frac{1}{4}$ " HH Grd. #5 NYPT	46	1	1310094	Belt Idler Weldment
6	6	0008179	$\frac{3}{8}$ " Raw Lockwasher	47	1	1318256	Idler Spring
7	2	1310027	Anti-Wrap Flange	48	1	0008163	$\frac{1}{2}$ -13 Hex Nut
8	1	1310102	Gauge Roller (Includes Item 9 and 2 of Item 10)	1	1	0008180	$\frac{1}{2}$ " Lockwasher
9	1	1315005	Roller Tie Bar	49	1	1310104	48" Genie Belt Guard
10	2	1316006	Gauge Roller Bearing	50	1	0018303	Decal M-C Arrow
11	2	1313474	Gauge Roller Bracket	51	2	0008108	5/16-18 \times 1" HHCS
12	2	1338161	$\frac{1}{2}$ -13 \times $1\frac{1}{2}$ " HHCS Grd. #5	2	2	0018115	U-Shaped Nut Retainer
2	2	0008180	$\frac{1}{2}$ " Lockwasher	52	1	1310095	Mower Rear Cover Weldment
13	1	1315044	48" Mower Main Axle	53	3	0008101	$\frac{1}{4}$ -20 \times 2" HHCS
14	2	0015132	$\frac{3}{8}$ \times 2" Key	3	3	0008210	$\frac{1}{4}$ -20 2-Way Locknut
15	1	1310092	Left Wheel Mount Weldment	54	4	1313305	Rear Cover Locking Clip
16	1	1310093	Right Wheel Mount Weldment	55	4	0008100	$\frac{1}{4}$ -20 \times $\frac{3}{4}$ " HHCS
17	1	1315624	Axle Hub Tube Spacer	4	4	0008210	$\frac{1}{4}$ -20 2-Way Locknut
18	4	1326000	$\frac{3}{8}$ -16 \times $\frac{5}{8}$ " Square Head, Cone Point Set Screw	56	1	1310077	36" Lawn Genie Pole Weld.
19	2	1318993	Tire and Wheel Complete	57	2	0018136	$\frac{3}{8}$ "-16 \times $3\frac{1}{4}$ " HHCS Grade #5
20	2	1328998	Tire 13.500 \times 6	2	2	0008204	$\frac{3}{8}$ -16 NY-Lock Nut
21	2	1328997	Wheel with Bearings	58	1	1318501	16 Horsepower Engine
22	4	1326000	Wheel Bearing $\frac{3}{4}$ " Bore	59	1	1314799	Output Shaft Guard
23	2	1318995	Set Collar	60	1	1312833	Engine Guard Bracket
24	1	1310098	Mower Damper Panel Weld.	61	1	1316600	Centrifugal Clutch
25	1	1310003	Mower Damper Panel Crank	62	1	1312834	Guard Outboard Bracket
26	2	0008212	$\frac{1}{4}$ -20 \times $\frac{1}{2}$ " Truss Head	63	2	1318150	7/16-14 \times $\frac{3}{4}$ " HHCS
2	2	0008178	$\frac{1}{4}$ " Lockwasher	2	2	0008231	7/16" Lockwasher
2	2	0008158	$\frac{1}{4}$ -20 Hex Nut	64	4	0008240	$\frac{1}{4}$ -20 \times 1" HHCS
27	1	1318990	Damper Spring	4	4	0008178	$\frac{1}{4}$ " Lockwasher
28	2	0008249	$\frac{1}{8}$ \times $\frac{3}{4}$ " Cotter Pin	4	4	0008158	$\frac{1}{4}$ -20 Hex Nut
29	1	1310005	Mower Ram Tube Weldment	65	1	0016205	1B/8.6 PD Sheave (SDS)
30	1	0008290	$\frac{3}{8}$ -16 \times $1\frac{1}{2}$ " HHCS	66	1	1316206	SDS 1-7/16 Taper Lock Hub
1	1	0008204	$\frac{3}{8}$ -16 Hex Nut with NY-Lock	67	1	0016100	B-56 Belt
31	1	1310039	Mower Crank Mounting Brkt.	68	1	1316005	2-Bolt Flange Bearing 1" Bore
32	2	0008106	5/16-18 \times $\frac{3}{4}$ " HHCS	69	1	1311057	Throttle Control Assembly (See page 9)
2	2	0008222	5/16" Lockwasher	70	1	1300000	Winch Mount Weldment
2	2	0008159	5/16-18 Hex Nut	71	1	1304200	Winch Mount Base Plate
33	1	1316000	Unground Thrust Bearing	2	2	0008119	$\frac{3}{8}$ -16 \times $\frac{3}{4}$ " HHCS
34	1	1311033	Crank Screw Assembly	2	2	0018139	$\frac{3}{8}$ " Lockwasher
1	1	1338254	3/16 \times 1" Roll Pin	73	4	0008162	$\frac{3}{8}$ -16 Hex Nut
1	1	1318991	Black Handle Grip	4	4	0008130	$\frac{3}{8}$ -16 \times $2\frac{1}{2}$ " HHCS
1	1	0008175	$\frac{1}{2}$ " Flatwasher	4	4	0018139	$\frac{3}{8}$ " Lockwasher
35	1	1310012	Left Mower Tree Guard Weld.	74	1	0008162	$\frac{3}{8}$ -16 Hex Nut
36	1	1310013	Right Tree Guard Weld.	1	1	0008208	$\frac{1}{4}$ -20 \times $1\frac{1}{4}$ " Slotted Truss Head
37	4	0008121	$\frac{3}{8}$ -16 \times 1" HHCS	1	1	0008178	$\frac{1}{4}$ " Lockwasher
4	4	0008204	$\frac{3}{8}$ -16 Hex Nut with NY-Lock	1	1	0008158	$\frac{1}{4}$ -20 Hex Nut
38	1	1318972	Stone Guard Flap	1	1	0008210	$\frac{1}{4}$ -20 2-Way Locknut
39	10	0008100	$\frac{1}{4}$ -20 \times $\frac{3}{4}$ " HHCS	75	4	1318162	$\frac{1}{2}$ -13 \times 1" Grade #5
10	10	0008173	5/16" Flatwasher	4	4	0008180	$\frac{1}{2}$ " Lockwasher
10	10	0008178	$\frac{1}{4}$ " Lockwasher	4	4	0008163	$\frac{1}{2}$ -13 Hex Nut
8	8	0008158	$\frac{1}{4}$ " Hex Nut	76	2	1318110	5/16-18 \times $1\frac{1}{4}$ " Carriage Bolt
40	3	0015118	$\frac{1}{4}$ \times $\frac{1}{4}$ \times $1\frac{1}{4}$ " Key	2	2	0008222	5/16" Lockwasher
41	1	1318135	$\frac{3}{8}$ -24 \times $1\frac{1}{4}$ " HHCS NY-Lock Grade #5	2	2	0008159	5/16-18 Hex Nut
42	1	1316613	Universal Coupling & Shaft	77	4	0008289	$\frac{3}{8}$ -16 \times $1\frac{1}{2}$ " HHCS Grade #5
43	1	0015149	$\frac{3}{8}$ \times $1\frac{1}{4}$ " Key	4	4	0008179	$\frac{3}{8}$ " Lockwasher
				4	4	0008162	$\frac{3}{8}$ -16 Hex Nut
				78	1	1312604	$\frac{3}{8}$ " \times $1\frac{3}{8}$ " Flatwasher (Special)
				79	1	0018118	5/16"-18 \times 5/16" Set Screw

INSTRUCTIONS FOR ORDERING PARTS

To eliminate error and speed delivery:

1. Write your NAME and ADDRESS on your order PLAINLY.
2. Explain WHERE and HOW to make shipment.
3. GIVE MODEL NAME, NUMBER, and SERIAL NUMBER that is stamped on the NAME PLATE of your product.
4. Order from your PARTS LIST as this is the ONLY means we have of identifying the parts you need.

Order by QUANTITY DESIRED, the PART NUMBER, and the description OF PART.

5. Order your parts from your LOCAL M-C DEALER or DISTRIBUTOR.
6. INSPECT ALL SHIPMENTS ON RECEIPT. If any parts are damaged or missing, file a claim with the carrier before accepting.
7. Do not return parts to B.C. Mathews Co. without a "Return Goods Authorization" from the factory. A list of all returned parts, a letter of explanation, and your name and address should be included with the shipment. TRANSPORTATION CHARGES MUST BE PREPAID.



OWNERS NOTICE

TO INSURE WARRANTY CLAIMS, BE CERTAIN TO FILL
OUT AND MAIL WARRANTY CARD WITHIN 30 DAYS.

NOTE: The Company reserves the right to incorporate any changes in design without obligation to make these changes on units previously sold.