

Simplicity

REG. U.S. PAT. OFF.

Pennsylvania Reel

GANG MOWER

Article 127

1963/64

FOR 2-WHEEL TRACTORS

USE WITH 058 REEL

21"

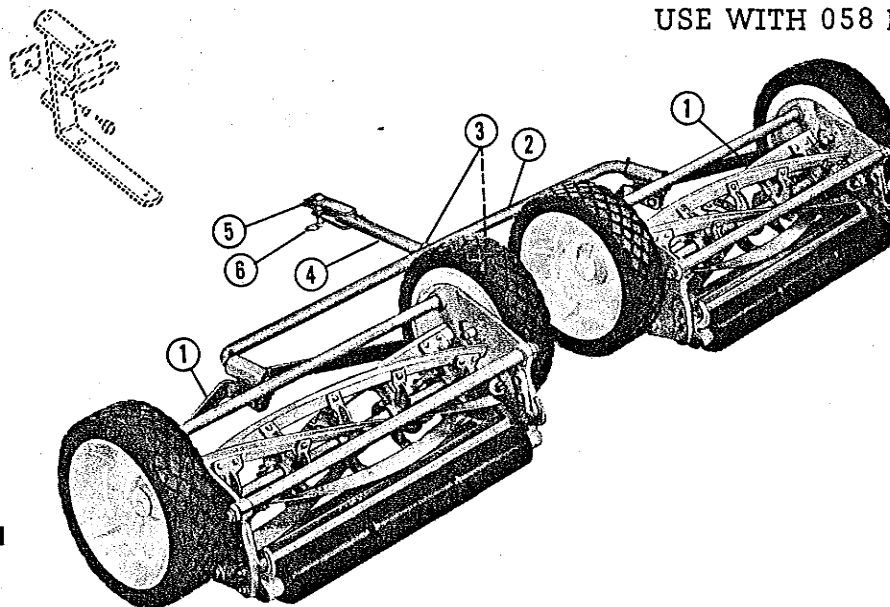


Fig. GM-1

PACKING LIST

The gang mower attachment is shipped in three packages, two containing the mowers and one containing the draw bar assemblies.

ASSEMBLY

Please refer to Fig. GM-1.

1. Attach the two single draw bars (1) to gang mowers with bolts, bushings, and washers as shown.
2. Attach the double draw bar assembly (2) to the single draw bar assemblies with cotter pins.
3. Place one set collar (3) on tongue (4) and insert tongue through tube on double draw bar (2).
4. Place second set collar (3) on end of tongue (4). Secure both set collars with set screws.

CYLINDER ADJUSTMENT ... This mower is equipped with precision bearings. Adjustment for preload and wear is fully automatic and will not require attention. **TO ADJUST THE LOWER KNIFE** ... Turn mower over and screw up on both bottom set screws. If this does not bring the lower knife close enough to the cylinder, loosen both top set screws very slightly. Now the

bottom screws should be taken up again. This process should be continued until the lower knife touches the cylinder from end to end without binding.

Do not try to adjust mower by working on screws of one side only. Adjusting should be done evenly on both sides.

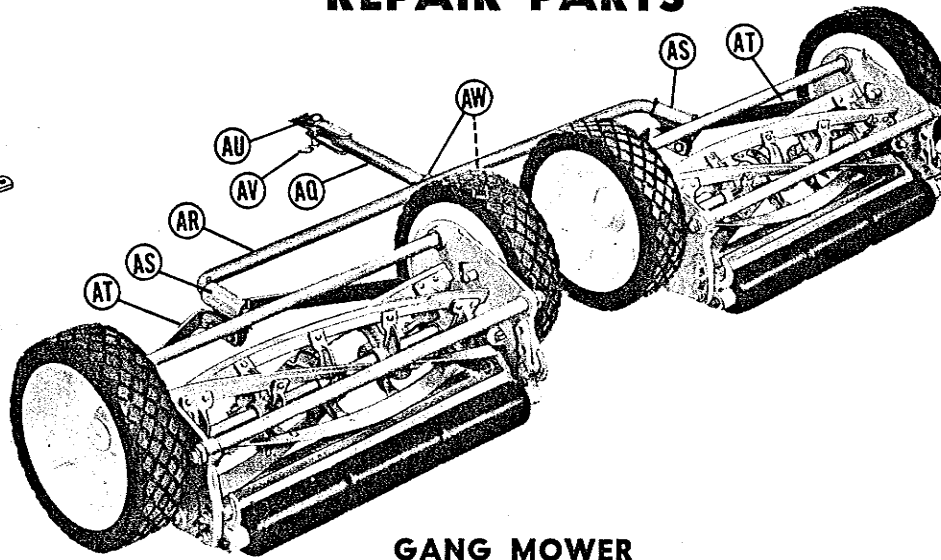
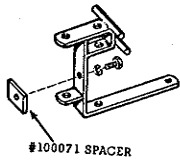
CAUTION ... If screws are frozen or rusted in, apply a few drops of penetrating oil or kerosene. Do not put too much pressure on these screws as it may crack the side plate.

SUGGESTIONS

1. Don't try to regulate the height of cut by the four cast-back set screws, or the cone screws on the cylinder. The height of cut is adjusted by raising or lowering both roller brackets evenly.
2. This mower is properly adjusted for use. Before using, oil all bearings with light machine oil. Also run a little oil along the edges of the cylinder and lower knife to loosen any paint.
3. To prevent undue wear of stationary knife and cylinder bearings, keep all nuts tight; especially those on ends of frame shaft, and on ends of stationary knife casting. Be sure these nuts are tight before attempting to adjust either the stationary knife or the cylinder bearings.
4. Handling during transportation may cause your lawn mower to get out of adjustment. Therefore, we suggest that you follow instructions on how to adjust the bottom blade to cylinder.

REPAIR PARTS

100033 Frame Extension



GANG MOWER

Order by Part Number

Ref. Letter	Part No.	Description
A	2615-21	Cylinder Knife, 21"
B	2641-21	Cylinder Shaft, 21", 11/16" dia. x 26 1/2" lg.
C	2611-21	Cylinder Assembly less bearings or spacer
D	2416-21	Cast Back, less stationary blade 21"
	2416-21SA	Cast Back, complete with blade assembled
E	2413-21	Steel Stationary Blade, 21"
F	1612	Set Screw to regulate cast back
G	1044	Oil Cup, for side plate
H	784-A	Bolt and Nut for roller bracket, 1/4" x 1 1/8"
J	1106	Steel Pawl, 3/8" wide (both alike)
K	E45	Left Hand Pinion, 11/16" hole, 11 teeth
L	E44	Right Hand Pinion, 11/16" hole, 11 teeth
M	6811	Nut for end of front frame shaft
N	1118-A-21	Front Frame Shaft
P	1118-RA-21	Rear Frame Shaft
Q	2641-21	Cylinder Shaft, 21", 11/16" dia. x 26 1/2" lg.
S	W-1321	Spacing Washer for sectional roller
T	2419-CA	Sectional Wood Roller 2-7/16" x 6-9/16" (1/2" hole)
U	2437-A-21	Roller Shaft 21" (7/16" x 22-13/16")
V	1338-T	Wheel Washer, for side plate (2 lugs)
W	1334-T	Wheel Bolt and Nut 5/16" x 3 3/4"
X	1332-SL	Spring Lock Pin to attach cylinder end to cylinder shaft
Y	2430-A	Left Hand Roller bracket
Z	2421-A	Right Hand Roller bracket
AA	40258-A	Precision Taper Cylinder Bearing
AB	40259-A	Bearing Cup for side plate (less bearings)
AC	22178-SA	Cast Back Bolt and Nut
AD	PM-1430-L	Rivets for cylinder knives (1 set)
AE	PM-1316-R	Cylinder End (both alike)

Ref. Letter	Part No.	Description
AF	PM-1575-R	Cylinder Rings (all alike)
AG	1148	Steel Wheel Stud 7/8" x 2-25/32"
AH	26143	Left Hand Side Plate with stud
AJ	4488-SA	Bolt and Nut for tow bracket
AK	26144	Right Hand Side Plate with stud
AL	1340	Flat Washer for roller bracket bolt and side plate towing bolt
AM	P87	Machine screw for stationary blade, 1/4" x 3/8" flat head
AN	PM-51-WW-D	Rubber Tire 3" wide for wheel 2645-W
AP	2645-W-SA	Wheel with tire PM-51-WW-D assembled
	2645-W	Wheel only, less tire
AQ	100041	Tongue Assembly
AR	100047	Bar, Draw Assembly, Double
AS	100044	Pivot Assembly, Draw Bar
AT	100045	Bar, Draw, Single
AU	100028	Pin, Tongue
AV	S1A45A	Clip, Spring - 8/11045
AW	S2EA5	Collar, Set 8211005

THE FOLLOWING PARTS ARE NOT ILLUSTRATED!

1354	Lock Washer for front frame shaft
1363-A	Hex Nut, 5/16", for 1334-T or 4488SA
1904-F	Lock Washer for tow bolt and wheel bolt
1945-A	Campbell Hammerlock Cotter Pin for roller bracket
2260	Spacer for tow bolt
2660	Internal Shakeproof Lock Washer for rear frame shaft
40260	Cylinder Bearing Dust Washer (left side)
40262	Cylinder Bearing Pressure Spring (left side)
40263	Cylinder Pressure Spring Cover

