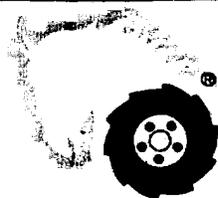


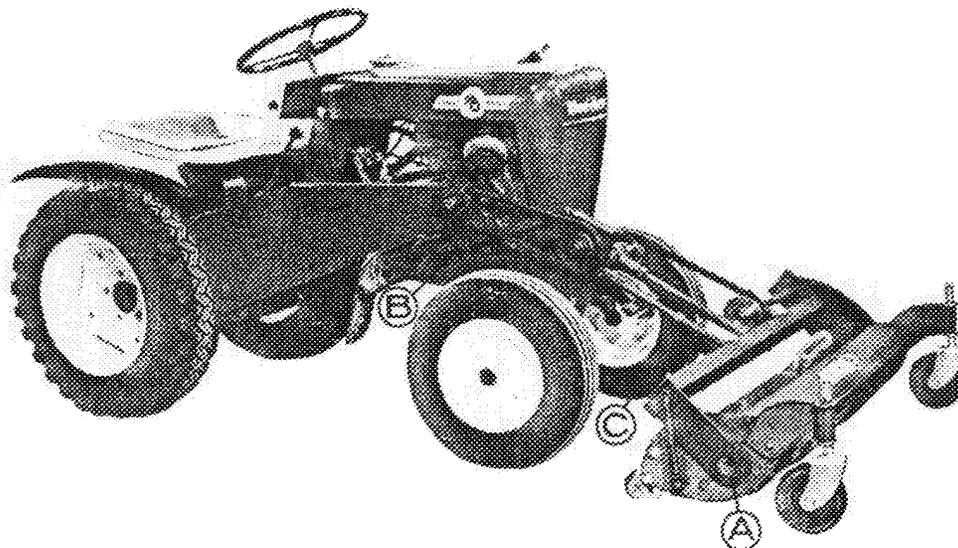
## PARTS LIST AND INSTRUCTIONS



*Wheel Horse*

WHEELHORSE PRODUCTS, INC. • SOUTH BEND, IND.

# FRONT REEL MOWER LMR-3072



### ASSEMBLY

Your front mounted reel mower is shipped complete in one carton. There are two main parts. The cutting unit and the mower mounting unit. Remove both items from the box, along with the bag of parts, and set in front of your tractor.

Place the right end of the mounting unit "A" over the hub of the cutting unit, then the same with the left end. Place the sprocket, Pt. No. 2490, on the reel shaft, with the hub towards the outside. Put the chain on next, adjusting the sprockets for alignment, then tighten set screws in sprockets. Install the chain guard, using the #8 x  $\frac{3}{8}$  Mach. Screws.

Mount the front mounting supports to the frame of the tractor, using the  $\frac{3}{8}$ -16 x 7 Mach. Bolt in the first hole of the tractor frame, and two Hex Hd. Cap Screws (1028), two lockwashers, and nuts in the next hole on each side. Install the belt to the engine pulley and the pulley on the mower gear box. Next attach the lift bar to the lift lever of the tractor, with the bent end towards the tractor, using one of the (1221) Hex Hd. Cap Screws, and two jam nuts. Attach the other end of the lift bar to the lift assembly (2521) using the other Hex Hd. Cap Screw (1221) and two jam nuts.

The Clutch bar "B" is attached on one end, to the gear box, secure the other end to the bar on the attachment

clutch pedal on the right side of the tractor. Use the slot adjustment for proper belt tension.

### OPERATION

The dual belts may be adjusted by turning the hanger rod assemblies "C" one way or the other, depending on the adjustment desired.

Make sure that the hanger rod assemblies are adjusted evenly so that the pulleys are in proper alignment.

**Note:** Before operating, fill gear box with No. 90 oil to the level of filler plug. The oil level should be checked occasionally.

**Caution:** Never attempt to remove debris from the reel with the clutch engaged. Extreme caution should be used when removing debris or making an adjustment with clutch disengaged.

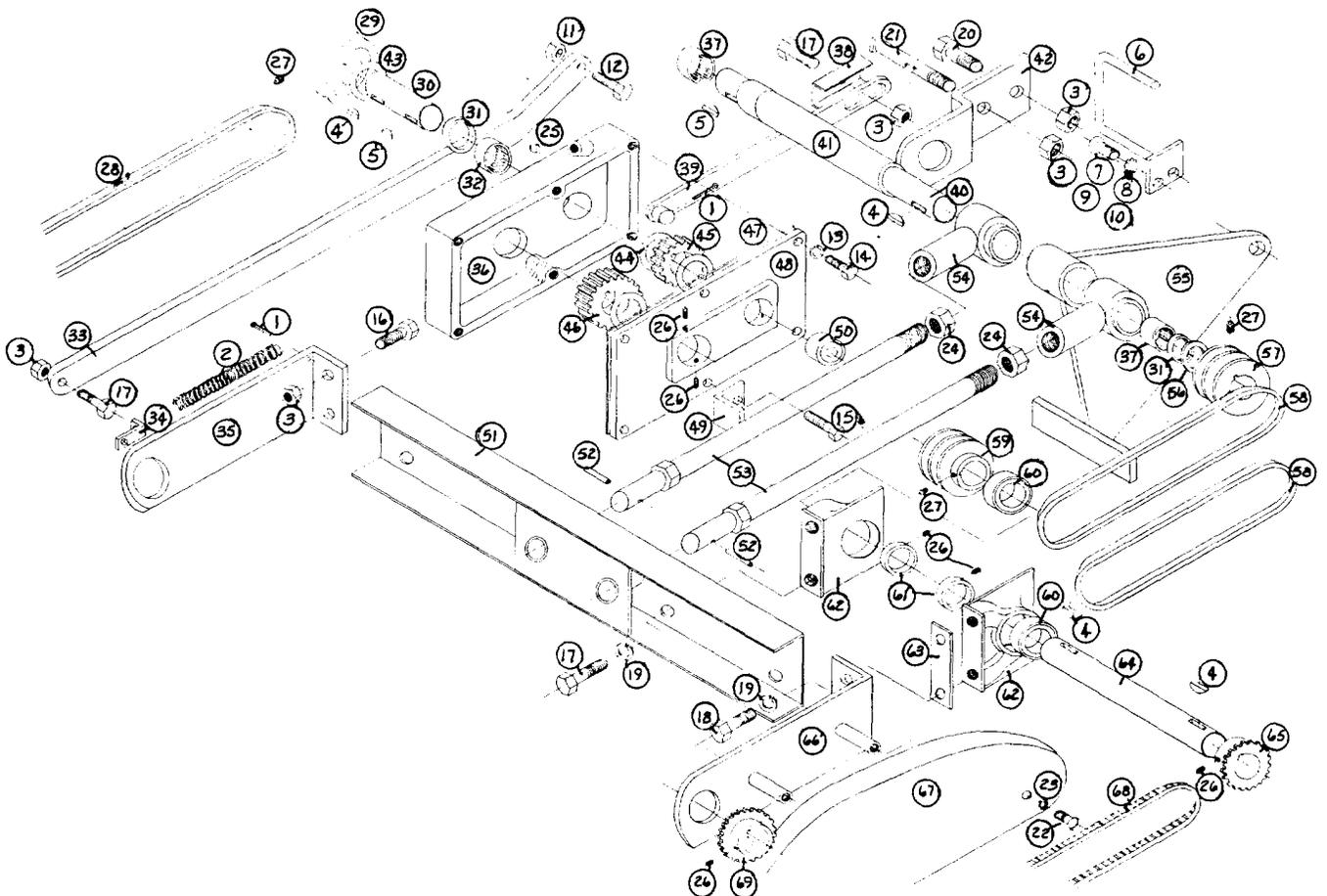
It is not advisable to mow where there is an abundance of rocks, or other debris. Hitting rocks will nick your blade and throw the assembly out of balance.

The blades should be kept sharp for better cutting.

Please remember, the performance you get from your mower depends upon the way it is cared for.

# PARTS LIST

Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	1002	Cotter Key 1/8 x 1	2	47	2537	Gasket	1
2	1014	Tension Spring	1	48	2538	Cover	1
3	1408	Hex Lock Nut 3/8-16	1	49	2595	Stop Bracket	1
4	1122	Woodruff Key #9	7	50	1529	Needle Bearing	1
5	2525	Woodruff Key #9	5	51	2545	Mounting Channel W/A	1
6	4441	Belt Idler W/A	2	52	1269	Roll Pin 1/8 dia x 15/16	2
7	1432	Rd. Hd. Slotted M/S 5/16-24 x 1/2	1	53	2528	Hanger Rod W/A	2
8	1196	Shakeproof Washer External 5/16	1	54	2530	End Hanger Rod	2
9	1405	Rd. Hd. Slotted M/S 3/8-16 x 1/2	1	55	4638	Lift Assembly	1
10	1332	Shakeproof Washer External 3/8	1	56	1052	Flat Washer	1
11	1406	Hex Locknut 1/4-20	1	57	2531	Pulley	1
12	1439	Hex Hd Cap Screw 1/4-20 x 1	1	58	2539	"V" Belt 3-W 34	2
13	1416	Lockwasher 1/4	1	59	1624	Pulley	1
14	1428	Hex Hd Cap Screw 1/4-20 x 5/8	6	60	1515	Ball Bearing	2
15	1435	Hex Hd Cap Screw 1/4-20 x 3/4	5	61	1085	Shaft Collar	2
16	1423	Hex Hd Cap Screw 3/8-16 x 3/4	1	62	3138-C	Bearing Support	2
17	1425	Hex Hd Cap Screw 3/8-16 x 1	2	63	2532	Shim	4
18	1426	Hex Hd Cap Screw 3/8-16 x 1 1/4	4	64	2540	Mower Shaft	1
19	1418	Lockwasher 3/8	2	65	2489	Sprocket	1
20	1363	Hex Hd Cap Screw 3/8-16 x 7/8	2	66	2542	End Channel Support L.H. W/A	1
21	1394	Sq. Hd Machine Bolt 3/8-16 x 8	2	67	2541	Chain Guard	1
22	1214	Rd. Hd. Slotted M/S #8-32 x 3/8	1	68	2549	Chain - 70 links	1
23	1351	Shakeproof Washer External #8	2	69	2490	Sprocket	1
24	1459	Hex Jam Nut 3/4	2		2418	Reel Assembly (Includes all parts listed below)	
25	1108	Sq. Hd. Pipe Plug 1/8-27	2			LPA-515 Reel Assembly L.H.	
26	1066	Sq. Hd. Set Screw 1/4-20 x 1/4	6			LPA-518 Cutter Bar Assembly	
27	1042	Sq. Hd. Set Screw 5/16-18 x 5/16	3			LPA-517 Side Frame Assembly L.H.	
28	1572	"V" Belt A Section 34	1			LPA-516 Side Frame Assembly R.H.	
29	1611	Pulley	1			LPA-512 Caster Assembly	
30	2522	Drive Shaft	1			LP-677 Brush Bar	
31	1303	Oil Seal	2			LP-475 Roller Bracket	
32	1538	Needle Bearing	1			LP-696 Roller Shaft	
33	2520	Lift Rod	1			L-114 Adjusting Cam	
34	2534	Spring Clip	1			LP-411 Roller Section	
35	2533	End Channel Support R.H.	1			F5-301 5/16-24 x 3/4 H.H.C.S	
36	2536	Gear Box	1			F10-315 5/16-24 "Huglock" Nut	
37	1523	Needle Bearing	2			F5-350 3/8-24 x 7/8 H.H.C.S.	
38	4404	Brace Clutch Bar	1			F5-353 3/8-16 x 3/4 Carriage Bolt	
39	4096	Clutch Bar W/A	1			F15-352 3/8 Lockwasher	
40	2527	Lower Drive Shaft	1			F5-201 1/4-20 x 3/4 Fillester H/S	
41	2548	Pivot Tube	1			F10-201 1/4-20 Square Nut	
42	2519	Front Mounting Bracket	2			F15-200 1/4 Lockwasher Shakeproof	
43	1197	Flat Washer	2			F15-650 3/8 S.A.E. Washer	
44	1278	Flat Washer	3			F20-75 3/16 x 1 1/4 Cotter Pin	
45	2526	Drive Gear	1			L-146 Adjusting Wrench	
46	2524	Jack Shaft Gear	1				





## KIT 6040

(Converts LMR 3072 to LMR 303)

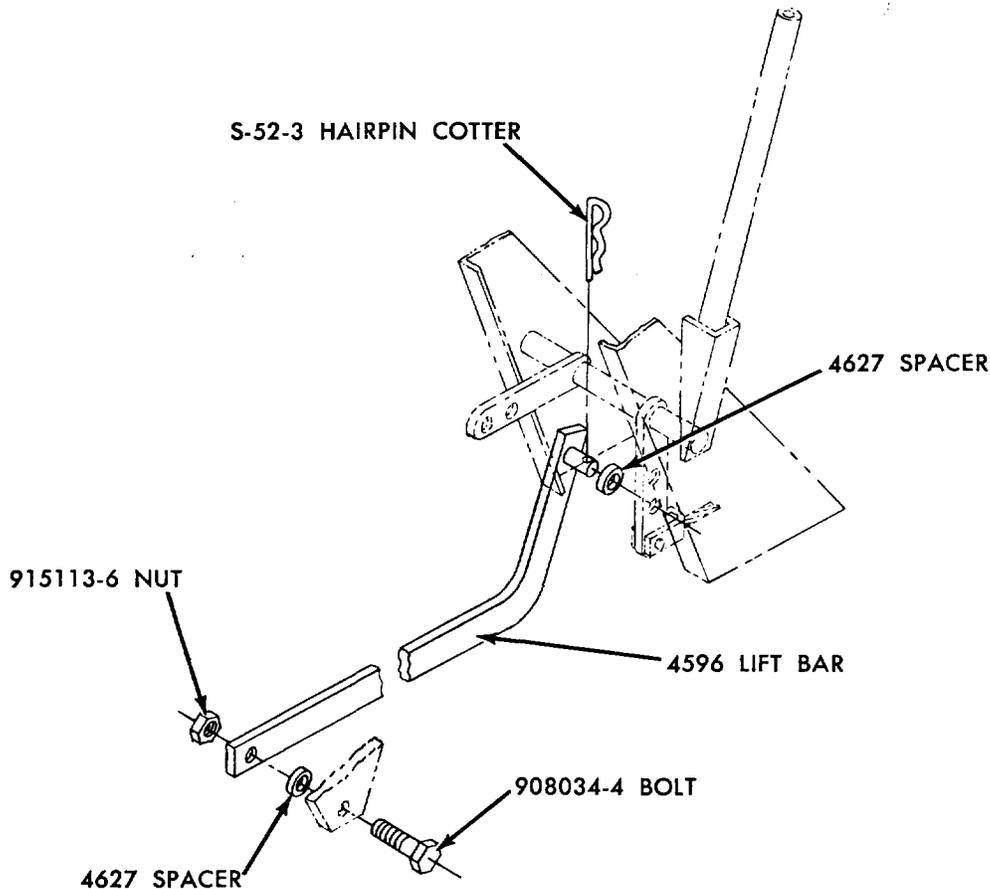


FIG. 1

Place spacer, Part No. 4627 on lift bar, Part No. 4596. Insert lift bar into middle hole in tractor lift assembly as shown in Fig. 1. Secure with hair pin cotter, Part No. S-52-3.

Fasten the other end of the lift bar to the lift assembly on the front reel mower using the spacer, Part No. 4627, the 3/8" x 1" bolt, Part No. 908034-4 and the 3/8" nylock nut, Part No. 915113-6.

### PARTS LIST

Ref. No.	Part No.	Description	No. Req'd.
1	4596	Ass'y. Lift Bar	1
2	4627	Spacer	2
3	908034-4	Bolt — Hex 3/8-16 x 1	1
4	915113-6	Nut — Nylock 3/8-16	1
5	S-52-3	Hairpin Cotter	1