

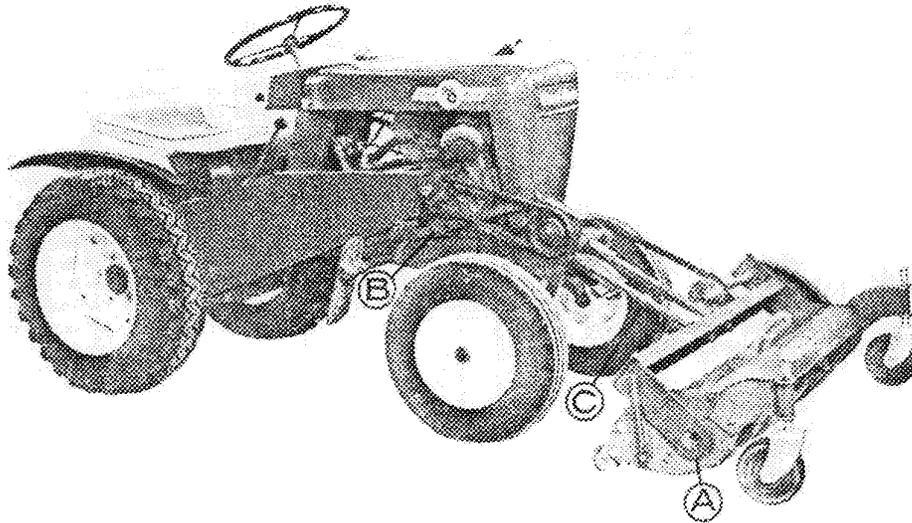
PARTS LIST AND INSTRUCTIONS



Wheel Horse

WHEELHORSE PRODUCTS, INC. • SOUTH BEND, IND.

FRONT REEL MOWER LMR-307



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	42	2532	Shim	2
2	1014	Tension Spring	1	43	2533	End Channel Support R.H.	1
3	1016	Hex Nut 3/8-16	6	44	2534	Spring Clip	1
4	1028	Hex Hd. Cap Screw 3/8-16 x 1 1/4	6	45	2536	Gear Box	1
5	1034	Hex Jam Nut 1/4-20	4	46	2537	Gasket	1
6	1039	Lockwasher 3/8	11	47	2538	Cover	1
7	1042	Set Screw 3/16-18 x 3/16	3	48	2539	"V" Belt 3-W 34"	2
8	1052	Flat Washer 3/4	1	49	2540	Mower Shaft	1
9	1062	Hex Hd. Cap Screw 3/8-16 x 1	4	50	2541	Chain Guard	1
10	1066	Soc. Hd. Set Screw 1/4-20 x 1/4	6	51	2542	End Channel Support L.H.	1
11	1085	Shaft Collar	2	52	2545	Mounting Channel W/A	1
12	1108	Pipe Plug 1/8-27	1	53	2548	Pivot Tube	1
13	1113	Lockwasher 1/4	6	54	2549	Chain 70 Links	1
14	1122	Woodruff Key #9	5	55	2595	Bracket—Stop	1
15	1166	Hex Hd. Cap Screw 1/4-20 x 3/4	6	56	3138-C	Bearing Support	2
16	1199	Mach. Bolt 3/8-16 x 8	1	57	4090	Brace—Clutch Bar	1
17	1214	Rd. Hd. Mach. Screw #8 x 3/8	2	58	4093	Idler—Belt	1
18	1221	Hex. Hd. Cap Screw 1/4-20 x 1	2	59	4096	Clutch Bar W/A	1
19	1268	Hex Jam Nut 3/4-16	2		2418	Reel Assembly (Includes all parts listed below)	
20	1269	Roll Pin 1/4 x 1 1/8	2		LPA-515	Reel Assembly L.H.	
21	1303	Oil Seal	2		LPA-518	Cutter Bar Assembly	
22	1515	Ball Bearing	2		LPA-517	Side Frame Assembly L.H.	
23	1523	Needle Bearing #B-1210	2		LPA-516	Side Frame Assembly R.H.	
24	1529	Needle Bearing	1		LPA-512	Caster Assembly	
25	1538	Needle Bearing	1		LP-677	Brush Bar	
26	1572	"V" Belt A Sec. 34"	1		LP-475	Roller Bracket	
27	1611	Pulley	1		LP-696	Roller Shaft	
28	1624	Pulley	1		L-114	Adjusting Cam	
29	2489	Sprocket	1		LP-411	Roller Section	
30	2490	Sprocket	1		F5-301	3/8-24 x 3/4 Hex Hd. Cap Screw	
31	2519	Front Mounting Support	2		F10-315	3/16-24 "Huglock" Nut	
32	2520	Lift Bar	1		F5-350	3/8-24 x 7/8 Hex Hd. Cap Screw	
33	2521	Lift Assembly	1		F5-353	3/8-16 x 3/4 Carriage Bolt	
34	2522	Drive Shaft	1		F15-352	3/8 Lockwasher	
35	2524	Jack Shaft Gear	1		F5-201	1/4-20 x 3/4 Fillister Hd. Screw	
36	2525	Woodruff Key #9	2		F10-201	1/4-20 Square Nut	
37	2526	Drive Gear	1		F15-200	1/4 Lockwasher Shakeproof	
38	2527	Lower Drive Shaft	1		F15-650	3/8 S.A.E. Washer	
39	2528	Hanger Rod W/A	2		F20-75	3/8 x 1 1/4 Cotter Pin	
40	2530	End—Hanger Rod	2		L-146	Adjusting Wrench	
41	2531	Pulley	1				

