

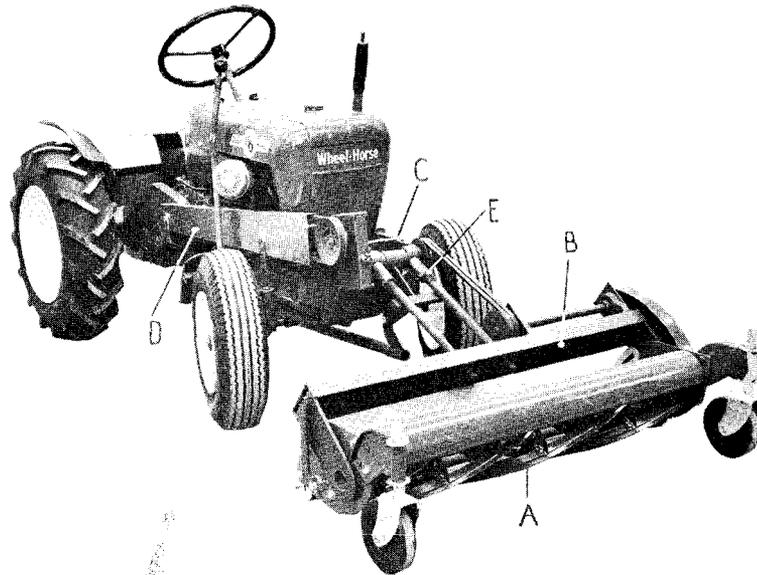
PARTS LIST AND INSTRUCTIONS



Wheel Horse

WHEELHORSE PRODUCTS, INC. • SOUTH BEND, IND.

FRONT REEL MOWER LMR-301



ASSEMBLY

Your front mounted reel mower is shipped complete in one carton. There are three main parts. The cutting unit (A) the mower mounting unit (B) and the frame mounting bracket. (C). Remove all items from the box along with the bag of parts, belt guard (D) and set in front of your tractor.

Place the right end of the mounting unit (B) over the hub of the cutting unit (A) then do the same with the left end. Place the sprocket, part number 2490, on the reel shaft with the hub towards the outside. Put the chain on next, adjusting the sprockets for alignment, then tighten the set screws in the sprockets. Install the chain guard, using the #8 x 3/8 machine screws.

Mount the frame mounting bracket (C) to the frame of the tractor, using the 3/8-16 x 8" machine bolt and lock nut in the first hole of the tractor frame. Lock nut should be on the right side of tractor. Do not secure now as belt guard will be added over this. Bolt later.

Mount mower mounting unit (B) to the frame mounting bracket (C) with one 3/8-16 x 8 machine bolt and lock nut and two 3/8-16 x 7/8 hex head cap screws and lock nuts.

Remove right hand foot rest from tractor and install hand clutch assembly on foot rest support against tractor frame. Reinstall foot rest.

Install clutch link, part number 3933, with hair pin cotter key, part number 1372, to the hand clutch assembly.

Install clutch bar welded assembly, part number 2554, to gear box, part number 2536, with 1/8 x 1 cotter key, part number 1002.

Install clutch bar brace, part number 4404, loosely to clutch bar assembly, part number 2554 with 3/8-16 x 1 hex head cap screw and lock nut. Install belt, part number 1585, over engine pulley and gear box pulley. Move hand clutch lever all

the way forward and adjust belt for proper tension. Now tighten clutch bar brace securely.

Install belt guard, placing the front bracket at the widest end of the guard, under the nut holding the frame mounting bracket to tractor frame. Adjust belt guard for clearance and secure.

Install lift rod, part number 4651, to tractor tool lift lever and secure with 1/4-20 x 1 hex head cap screw and lock nut. Install lift rod end to lift assembly, part number 4638 and secure with 3/8-16 x 1 hex head cap screw and lock nut.

OPERATION

The dual belts may be adjusted by turning the hanger rod assemblies (E) 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 #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	2	48	2533	End Channel Support R.H.	1
2	1014	Tension Spring	1	49	2534	Spring Clip	1
3	1042	Sq. Hd. Set Screw 5/16-18 x 5/16	3	50	2536	Gear Box	1
4	1052	Flat Washer	1	51	2537	Gasket	1
5	1066	Sq. Hd. Set Screw 1/4-20 x 1/4	6	52	2538	Cover	1
6	1085	Shaft Collar	2	53	2539	V Belt 3-"W 3/4"	2
7	1108	Sq. Hd. Pipe Plug 1/8-27	1	54	2540	Mower Shaft	1
8	1122	Woodruff Key #9	5	55	2541	Chain Guard	1
9	1197	Flat Washer	2	56	2542	End Channel Support L.H.	1
10	1214	Rd. Slotted Machine #8-32	2	57	2545	Mounting Channel	1
11	1269	Roll Pin 1/4 Dia. x 15/16	2	58	2548	Pivot Tube	1
12	1278	Flat Washer	3	59	2549	Chain 70 links	1
13	1303	Oil Seal	2	60	2595	Stop Bracket	1
14	1351	Shakeproof Washer - External	2	61	3138-C	Bearing Support	2
15	1363	Hex Hd. Cap Screw 3/8-16 x 7/8	5	62	4404	Brace Clutch Bar	1
16	1394	Sq. Hd. Machine Bolt 3/8-16 x 8	1	63	4638	Lift Assembly	1
17	1406	Hex Lock Nut 1/4-20	1	64	4630	Mounting Bracket (Special)	1
18	1408	Hex Lock Nut 3/8-16	10	65	1001	Knob	1
19	1416	Lockwasher 1/4	6	66	3933	Link	1
20	1418	Lockwasher 3/8	4	67	2552	Clutch Assembly	1
21	1423	Hex Hd. Cap Screw 3/8-16 x 3/4	2	68	2553	Belt Guard	1
22	1425	Hex Hd. Cap Screw 3/8-16 x 1	4	69	2554	Clutch Bar W/A	1
23	1426	Hex Hd. Cap Screw 3/8-16 x 1 1/4	2	70	1372	Hair Pin	1
24	1428	Hex Hd. Cap Screw 1/4-20 x 5/8	5				
25	1435	Hex Hd. Cap Screw 1/4-20 x 3/4	1	2418	Reel Assembly (Includes all parts listed below)		
26	1439	Hex Hd. Cap Screw 1/4-20 x 1	1		LPA-515 Reel Assembly L.H.		
27	1459	Hex Jam Nut 3/4	2		LPA-518 Cutter Bar Assembly		
28	1515	Ball Bearing	2		LPA-517 Side Frame Assembly L.H.		
29	1523	Needle Bearing	1		LPA-516 Side Frame Assembly R.H.		
30	1529	Needle Bearing	1		LPA-512 Caster Assembly		
31	1538	Needle Bearing	1		LP-677 Brush Bar		
32	1585	V Belt A section 76"	1		LP-475 Roller Bracket		
33	1611	Pulley	1		LP-696 Roller Shaft		
34	1624	Pulley	1		L-114 Adjusting Cam		
35	2490	Sprocket	1		LP-111 Roller Section		
36	2489	Sprocket	1		F5-301 5/16-24 x 3/4 H.H.C.S.		
37	2519	Front Mounting Bracket	2		F10-315 5/16-24 "Huglock" Nut		
38	4651	Lift Rod	1		F5-350 3/8-24 x 7/8 H.H.C.S.		
39	2522	Drive Shaft	1		F5-353 3/8-16 x 3/4 Carriage Bolt		
40	2524	Jack Shaft Gear	1		F15-352 3/8 Lockwasher		
41	2525	Woodruff Key #9	2		F5-201 1/4-20 x 3/4 Fillester H/S		
42	2526	Drive Gear	1		F10-201 1/4-20 Square Nut		
43	2527	Lower Drive Shaft	1		F15-200 1/4 Lockwasher Shakeproof		
44	2528	Hanger Rod W/A	2		F15-650 3/8 S.A.E. Washer		
45	2530	End Hanger Rod	2		F20-75 3/16 x 1 1/4 Cotter Pin		
46	2531	Pulley	1		L-146 Adjusting Wrench		
47	2532	Shim	4				

