



ROTARY MOWER MODEL 5-7321

(Formerly RMR 3261)

PARTS LIST AND INSTRUCTIONS

ASSEMBLY

The rotary mower is shipped complete in one carton, which will consist of the following:

1—Rotary Mower	1—Spacer
1—Belt Guard	1— $\frac{3}{8}$ —18 x $\frac{3}{4}$ Hex Hd. Cap Screw
4—Wheels	1— $\frac{3}{8}$ —18 x 3 Hex Hd. Cap Screw
1—Bag of Parts	2— $\frac{3}{8}$ Shakeproof Washers
4—Wheel Bolts	1— $\frac{3}{8}$ Hex Nut
4— $\frac{3}{8}$ Nuts	

1. Install 4 wheels using bolts supplied and lock, with nuts inside of mower.

2. Take out bolts which are shipped in lift hangers.

3. Place mower on right side of tractor with the mower clutch pedal on the right side.

4. Slide mower under tractor and bolt rear hangers to tractor. Make sure lift cable of tractor is over the top of this bolt so as to keep it away from mower cross shaft.

5. When bolting front hanger, pull spring which is mounted to the center of rotary and install between tractor frame as you slide bolt through. Hanger bolts should be tight but free enough to allow mower to pivot. Lock fast with lock nuts.

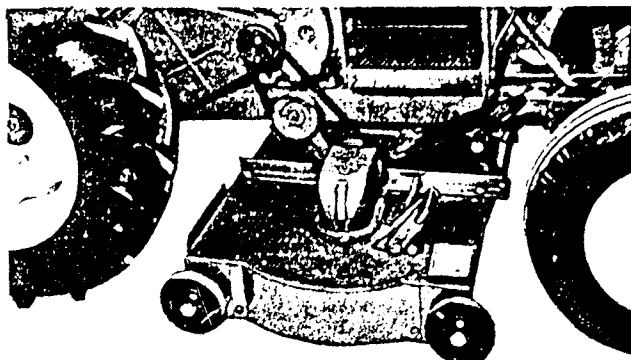
6. Push tractor lift lever all the way to the front and hook mower link to lever using lock nuts so it will move freely.

7. Mower is put in gear by releasing foot clutch on right hand side. To stop mower simply press foot pedal forward and it will automatically lock.

Never check mower while tractor engine is running. Should mower cut grass unevenly, check tire pressure and rotary blades for sharpness. If blade should get bent badly, new ones should be installed. However, they may be ground over as long as they are not out of balance.

CAUTION

Strict care should always be taken around a rotary mower. Never place hands or feet around moving parts. Never go over ground which has rocks or cans, as flying debris is dangerous.



OPERATION

1. Mower is suspended on links which are counter balanced by a spring so as to float freely through a slot in the lift link.

2. By moving tractor lift lever forward, mower will go down but will float up. Thus your height adjustment is controlled by the notches in the lift sector.

3. The purpose of the four wheels is so mower will float over uneven ground without tearing up soil. **It is not the purpose of the wheels to run on the ground at all times.**

4. There are guards on each side of mower which may be removed if operator so wishes. Extreme caution should be used when doing this because of flying stones and the danger of accidents.

5. When removing guards, they should be rotated and placed on top of deck to be used as a guard for operator's feet.

6. Lift mower all the way up and place belt over engine pulley.

7. Mower belt is automatically tightened by idler pulley spring and should need no adjustment. (Caution: Make sure pulleys line up.)

8. Place guard over belt and keep on at all times.

LUBRICATION

1. Your mower has already been greased at factory, but should be checked before starting.

2. Remove caps over gear covers with a small screw driver. Inside there is a small zerk on vertical shaft. This may be greased by a small grease gun. Place plenty of grease around gears at the same time. A drop or two of oil should be applied to all moving links at the same time.

PARTS LIST

ROTARY MOWER MODEL 5-7321

When ordering parts always list Part No. and Name of Part.

Specifications Subject To Change Without Notice.

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	932017-4	Cotter Pin	5	37	1534	Thrust Bearing	2
2	915112-6	Nut Nylok $\frac{3}{8}$ -18	5	38	1535	Thrust Washer	4
3	908001-4	Bolt Hex $\frac{1}{4}$ -20 x $\frac{1}{2}$	18	39	1561	"V" Belt	1
4	1014	Tension Spring	1	40	1619	Pulley	1
5	915663-4	Nut $\frac{3}{8}$ -16 Nylok	12	41	1618	Idler Pulley	1
6	908035-4	Bolt Hex $\frac{3}{8}$ -16 x $1\frac{1}{4}$	4	42	3130	Face Gear	2
8	915111-6	Nut $\frac{1}{4}$ -20	8	43	3131	Spur Gear	2
9	920009-4	Washer $\frac{3}{8}$	1	44	3138	Bearing Housing	2
10	909862-5	Set Screw $\frac{3}{8}$ -18 x $\frac{3}{8}$ Nylok	1	45	3141	Gear Cover	2
11	908033-5	Bolt $\frac{3}{8}$ -16 x $\frac{3}{8}$ Nylok	6	46	3181	Heel Stop	2
12	908034-4	Bolt Hex $\frac{3}{8}$ -16 x 1	2	47	3715	Cross Shaft	1
13	908036-4	Bolt Hex $\frac{3}{8}$ -16 x $1\frac{1}{2}$	1	48	3716	Cup - Vertical Spindle	2
14	920122-4	$\frac{1}{4}$ Lockwasher	8	49	3718	Rotary Blade R.H.	1
15	908017-4	Bolt Hex $\frac{3}{8}$ -18 x $\frac{3}{4}$	4	50	3719	Rotary Blade L.H.	1
16	920126-4	Lockwasher $\frac{1}{2}$	1	51	3720	Clutch Arm W/A	1
17	937014	Woodruff Key #9	1	52	3722	Pivot Link	1
18	936125	Snap Ring	2	53	3724	Spindle-Blade	2
19	1129	Tension Spring	1	54	3725	End Plates	2
20	920087-4	Lockwasher $\frac{3}{8}$	2	55	5233	Twin Housing	1
21	937084	Woodruff Key #5	4	56	3729	Wheel	4
22	920123-4	Lockwasher $\frac{3}{8}$	1	57	3730	Lift Link	1
23	923084	Round Head Rivet	1	58	3731	Deck W/A	1
24	900853-4	Machine Bolt with Nut	1	59	3736	Shoulder Bolt	4
25	915639-4	Nut Hex $\frac{3}{8}$ -18	2	60	3737	Bracket L.H.	1
26	933156	Roll Pin $\frac{1}{8}$ x $\frac{3}{8}$	2	61	3738	Bracket R.H.	1
27	900852-4	Machine Bolt with Nut	1	62	3741	Hanger - Front W/A	1
28	915087-4	$\frac{1}{4}$ -20 Jam Nut	1	63	3742	Hanger - Rear W/A	1
29	1303	Oil Seal	2	64	3747	Clutch Link	1
30	1304	Hex Hd. Thd. Cut Mach. Screw	8	65	3748	Trip Lever	1
31	908027-4	Bolt Hex $\frac{3}{8}$ -18 x 3	1	66	3751	Foot Pedal, W/A	1
32	920083-4	Lockwasher $\frac{3}{8}$ Dia.	16	67	3753	Belt Guard, W/A	1
33	1336	Flat Washer - Spec.	2	68	3756	Pipe Spacer	1
34	933154	Roll Pin	2	69	3757	Steel Plug	2
35	1508	Needle Bearing	4	70	3760	Belt Throwout Bracket	1
36	1515	Ball Bearing	2	4570	Decal - Caution	2	
				3710	Decal Grease	2	



Wheel Horse Service Bulletins 1961 - 1990: **#21** Issued: March 1961
Facts About the New 1961 Rotary Mowers.

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TO ALL DISTRIBUTORS AND DEALERS

1. RMR3261.32" Rotary Mower for Models 401, 551, ST400 and ST550 tractors.

A. Use of Counter Balance Spring, Part #1129.

a. This spring is to be used to enable the mower to easily float on rough ground.

b. Under Normal Conditions Part #1129 can be eliminated.

B. Windmilling in down position when clutch is disengaged.

a. It is necessary to raise the mower to the Travel or Up position to eliminate windmilling.

b. All belts are made with a plus or minus 1/8" tolerance. After useage a marked difference will be noticed in the clutching effectiveness.

2. RMR3661 36" Rotary Mower for Model 701 Tractor.

A. Adjustment of Part #4112 (2) Hangers.

a. Release Part #1343 (2) Jam Nuts and turn Part #4114 (2) Hangers to tighten or loosen Part #1578 twin belts. Part #4114 (2) also controls the entire mower assembly with regard to positioning beneath the tractor frame. If not properly squared mower will jam against the tractor belt guard, Part #4202. It is important these adjustments be made at time of installation.

PARTS & SERVICE DEPARTMENT

WHEEL HORSE PRODUCTS, INC.

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