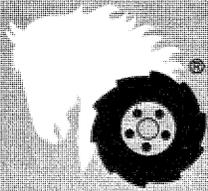# PARTS LIST AND INSTRUCTIONS

Wheel Horse ®
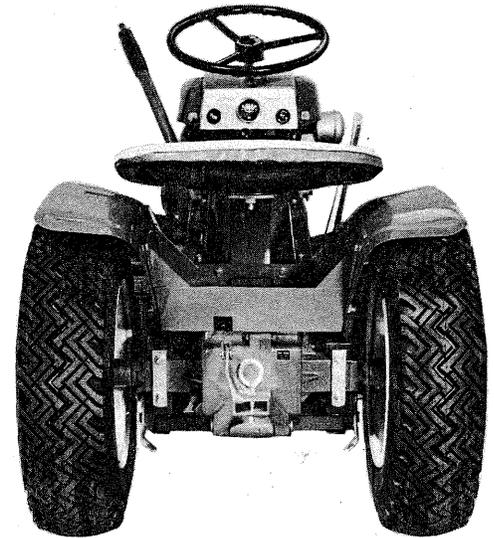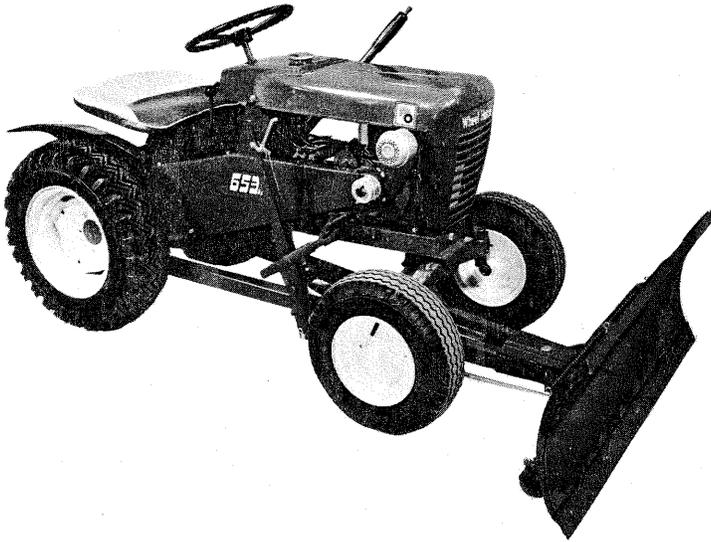
WHEELHORSE PRODUCTS, INC. • SOUTH BEND, IND.

DOZER BLADE
BD-4264-A

For All Front Engine
Wheel Horse Tractors, and Lawn Rangers
(Except Models 953 & 1054)

ASSEMBLY AND MOUNTING

1. The BD-4264-A is shipped complete in one carton. There are three main parts in the carton. The Frame Assembly, Blade Assembly, and a box of parts.

2. Remove contents from carton and parts box.

3. Assemble rear mounting bracket assembly, Part No. 5134, using Part No. 3697 Link, 900072-4 Carriage Bolt, and ⅜-16 Nylock Nuts. Install the R. and L. hand latching plates using Part No. 900063-4 Carriage Bolt, spring washer, Part No. 3775, and Nylock Nut. The spring washer is installed under the nut. Adjust so that the latching plates are firm when in the latched position.

4. Slide the frame assembly Part No. 5332, under the tractor. Insert the rear cross bar of the frame assembly in the mounting bracket and latch. Be sure the turn lever on the frame assembly is up and out of the way before the frame is locked in position.

5. Attach the Lift Bar, Part No. 5331, to the tractor lift assembly using hair pin cotter S-52-5. Fasten the lift bar to the frame assembly using one S-52-12 hair pin cotter.

6. Bolt the Pivot Sector Part No. 5102, to the frame assembly using the Hex Bolt, Part No. 1334, and Part No. 1643, elastic stop nut. (NOTE: Apply a liberal coat of oil before installing.) Insert the bolt from the bottom and tighten, leaving it loose enough for the blade to swing free.

7. Attach the Blade Assembly, Part No. 5109, to the pivot sector using Part No. 4564, lower pivot rod, and two ⅛" x 1" cotter pins, Part No. 932017. Next, install the two springs with the

Pivot Rods, Part No. 5120. Fasten to the Pivot sector first, with two of the hair pin cotters. Insert the other pivot rod in the blade angles. The angle of the blade will be determined by the hole in which the pivot rod is placed. For general use, the second hole down from the top is used. Tilt forward for earth spreading; tilt back for more aggressive acion.

8. The blade control rod, Part No. 4594, is inserted through the bottom of the pivot sector, and through the back side of the lever. Secure with two hair pin cotters.
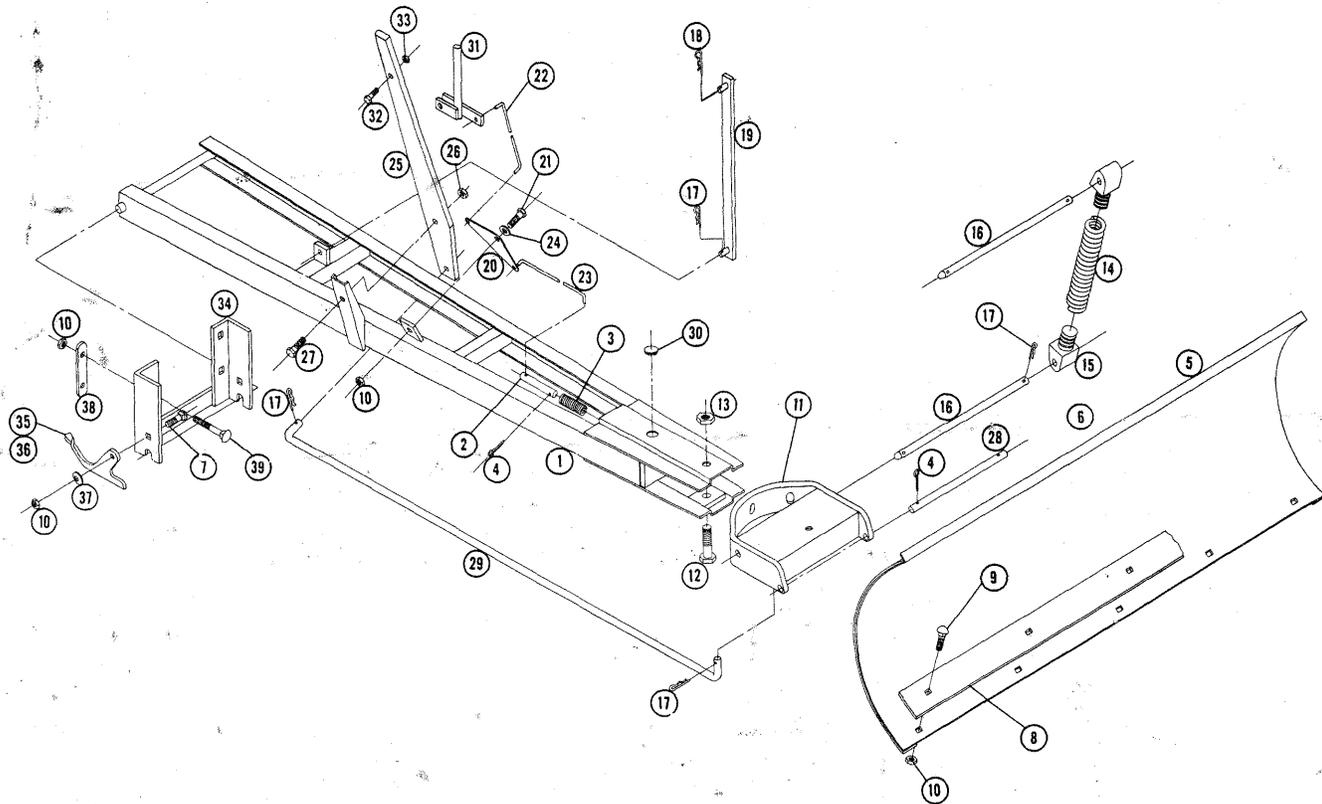
OPERATION

This dozer is equipped with a spring trip device. If the blade should strike a solid object, it will tilt forward and slide over. The dozer blade is adjustable and may be locked in three different positions: straight, right angle, and left angle. These adjustments are easily accomplished from the tractor seat by operating the convenient turn lever. The blade is adjusted up and down with the lift lever.

Before operation, make sure that all bolts are tight and cotter pins opened. Excessive play in the pivot sector may be removed by tightening the large pivot bolt, Part No. 1334. The blade edge is reversible and replaceable. After the edge is worn, remove the five bolts securing it to the blade and turn it over, providing a new cutting edge.

A light grade of machine oil should be applied to all moving parts, before operation, and after every 10 hours of use.

(**CAUTION:** Avoid hitting solid objects with the corners of the blade, as this could result in damage.)

PARTS LIST

When ordering parts always list Part No. and name of part.

Ref. No.	Part No.	Description	Req'd.	Ref. No.	Part No.	Description	Req'd.
1	5332	Ass'y — Frame	1	21	908332-4	Bolt — Hex $\frac{3}{8}$-16 x 1	1
2	5127	Pin — Index	1	22	5329	Rod — Upper Index	1
3	2354	Spring	1	23	3771	Rod — Lower Index	1
4	932017-4	Cotter-Pin $\frac{1}{8}$ x 1	3	24	920009-4	Washer — Plain $\frac{3}{8}$ Dia.	1
5	5109	Ass'y — Blade	1	25	5330	Lever	1
6	4411	Decal	1	26	915238-4	Nut — Hex $\frac{1}{2}$-13 Jam	1
7	900063-4	Bolt — Carriage $\frac{3}{8}$-16 x 1	2	27	908057-4	Bolt — Hex $\frac{1}{2}$-13 x 1	1
8	2346	Plate — Blade Edge	1	28	4564	Rod — Lower Pivot	1
9	900062-4	Bolt — Carriage $\frac{3}{8}$-16 x $\frac{3}{4}$	5	29	4594	Rod — Blade Control	1
10	915113-6	Nut — Nylock $\frac{3}{8}$-16	12	30	4944	Plug Button	2
11	5102	Ass'y — Sector & Channel	1	31	5107	Ass'y Lever	1
12	1334	Bolt — Hex $\frac{3}{4}$-16 x $3\frac{3}{4}$	1	32	908303-4	Bolt — Hex $\frac{1}{4}$-20 x 1	1
13	1643	Nut — Hex $\frac{3}{4}$-16 Elastic Stop	1	33	915111-6	Nut — Nylock $\frac{1}{4}$-20	1
14	5117	Spring — Trip Return	2	34	5134	Ass'y Bracket-Mtg.	1
15	5125	Lug	4	35	5135	Plate — Latching R.H.	1
16	5120	Rod — Trip Pivot	2	36	5136	Plate — Latching L.H.	1
17	S-52-12	Hair Pin	7	37	3775	Washer — Spring	2
18	S-52-5	Hair Pin	1	38	3697	Link	2
19	5331	Bar — Lift	1	39	900072-4	Bolt — Carriage $\frac{3}{8}$-16 x $3\frac{1}{4}$	4
20	3770	Plate — Index	1				