

PARTS LIST AND INSTRUCTIONS

56" DOZER BLADE

FACTORY ORDER NUMBER **6-1142**

for

"D" SERIES TRACTORS

The Blade is shipped complete in one carton. It has been partially preassembled. To complete the assembly, group the parts similarly to Fig. 5.

Prepare the Tractor by removing the links that hold the 3 Point Hitch Bracket to the axle. See Fig. 1.

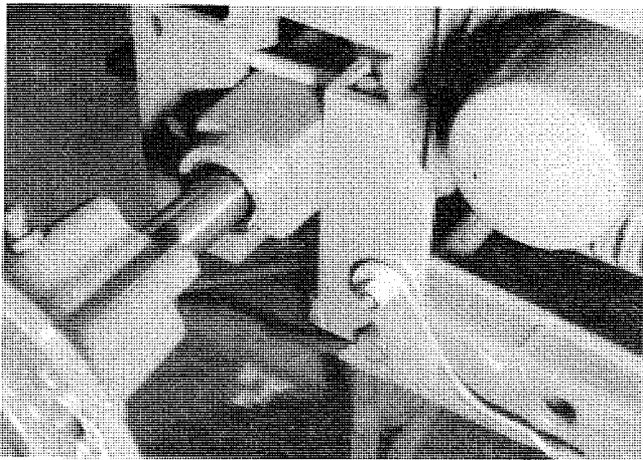


FIG. 1

Install Mounting Bracket Assembly, item 41, using the same bolts that held the Links.

Raise the Latches so the "U" notch is exposed to receive the Blade Shaft.

The Blade Control Rod, item 24, is inserted through the top of the pivot sector, item 4, and secured with hairpin cotter. Bolt the Pivot Sector, item 4, to the frame assembly using the Hex Bolt, item 5, and elastic stop nut, item 6. (NOTE: Apply a liberal coat of grease before installing.) Insert the bolt from the top and tighten, leaving it loose enough for the blade to swing free. Attach the control rod to the control arm. See Fig. 3.

Attach the Blade Assembly to the Pivot Sector using lower pivot rod, item 55, and two $\frac{1}{8}$ x 1 Cotter Pins.

Referring to Fig. 2, insert Rod, item 13, through the rear hole of the sector. On each rod end install 2

springs, item 11, and secure each end with Hairpin Cotter, item 14.

Complete the assembly by inserting the remaining pivot Rod through the top spring anchors and the angles on the blade. The angle the blade makes with the ground 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. Assemble for a forward tilt for earth spreading. Assemble for backward tilt for more aggressive action.

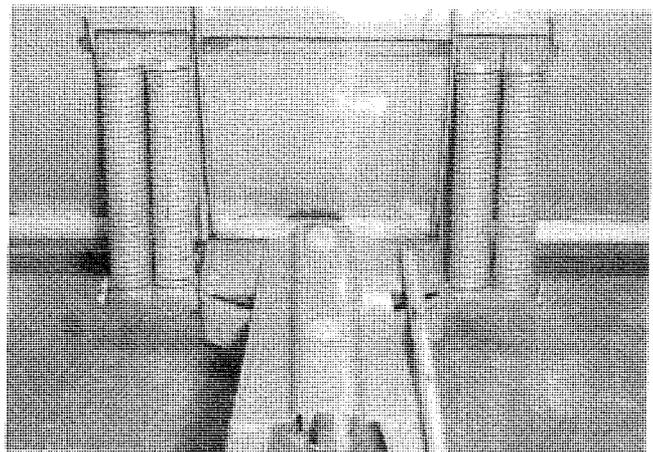


FIG. 2

Connect the Rod, item 29, to Index Pin, item 8, and Lever Assembly, item 15. Secure with Cotter Pins shown.

Slide Index Lever, item 25, over Arm, item 21, and fasten with Clevis Pin, item 34, and Hairpin, item 27.

Thread Yoke, item 31, on Rod, item 30. Connect this assembly to the Index Lever, item 36, and install Hairpin, item 27.

Attach the yoke end to the transfer lever arm, item 16, with Clevis Pin, item 32, and Cotter Pin, item 33.

Adjust the yoke so that the minimum travel is required to pull the index pin clear of the sector.



WHEEL HORSE

lawn & garden tractors

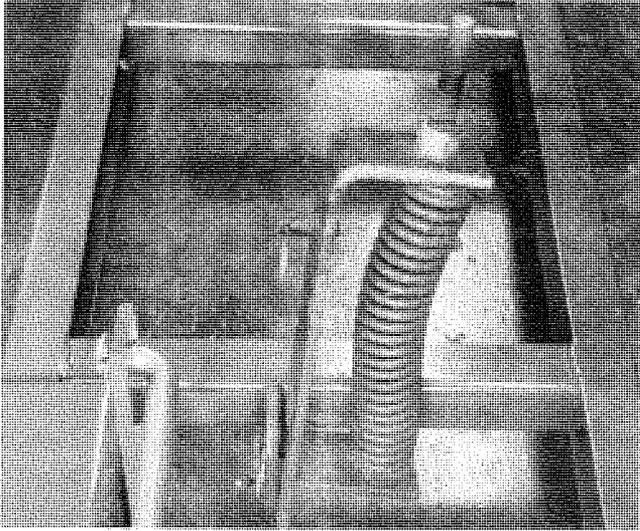


FIG. 3

Referring to Fig. 3 and Fig. 5, place Spring, item 49, over the Lift Rod Assembly, item 40. Install the Lift Bar, item 39, with the hole over the Lift Rod and the slot engaging the stud on the Lift Rod. Add Nut, item 51, to the top and Pin, item 50, to the bottom.

The lift engaging pin, Fig. 3, is installed in the rear hole of the two hole pattern in the tractor lift bar, Fig. 4.

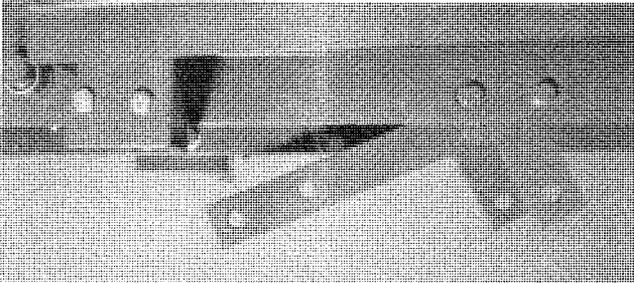


FIG. 4

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.

The Skids, item 56, one each side of the blade, must be adjusted before operation. This is accomplished by loosening the set screws, adjusting to the desired position, and tightening again. The purpose of the skids is to keep the blade from catching on cracks in the walk or drive, and to allow it to float over uneven surfaces.

As installed the Blade will float in use. To lock out the float feature insert a $\frac{1}{2}$ x 2 Clevis Pin through the Lift Arms as shown in Fig. 6. Secure it with a Hairpin.

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. The blade edge is reversible and replaceable. After the edge is worn, remove the 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 blade, as this could result in damage to the blade and injury to the operator.

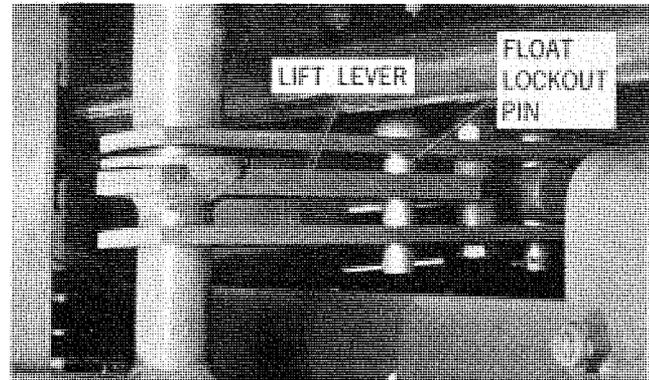


FIG. 6

PARTS LIST FOR DOZER BLADE
FACTORY ORDER NUMBER 6-1142

Parts available only through Authorized Dealers.
 When ordering parts always list Part No. and Description.
(Specifications subject to change without notice.)

ITEM NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	4944	Plug Button	2
2	7701	Mounting Shaft	1
3	933506	Hairpin	2
4	103475	Sector & Channel Assembly	1
5	908256	Bolt — Hex. $\frac{3}{4}$ -16 x $3\frac{3}{4}$	1
6	915640	Nut — Hex. $\frac{3}{4}$ -16 E. S.	1
7	102988	Frame Assembly	1
8	103498	Index Pin	1
9	2354	Spring	1
10	932017	Cotter Pin $\frac{1}{8}$ x 1	3
11	5117	Spring	4
12	5125	Lug	8
13	103019	Rod	2
14	933512	Hairpin	6
15	103499	Control Shaft	1
16	103501	Bar Assembly	1
17	103007	Bushing	4
18	936131	Snap Ring, 1"	1
19	933243	Spirol Pin $\frac{3}{8}$ x $1\frac{1}{4}$	1
	920239	Shim Washer	2
20	102997	Blade Index Arm Assembly	1
21	103011	Handle Bar Assembly	1
22	915236	Nut — Hex. $\frac{3}{8}$ -16 Jam	2
23	933244	Spirol Pin $\frac{3}{8}$ x $1\frac{1}{2}$	1
24	103008	Blade Control Rod	1
25	103504	Handle Assembly	1
26	932963	Clevis Pin $\frac{3}{8}$ x 1	1
27	933505	Hairpin	3
28	5359	Grip	1
29	103009	Lower Index Rod	1
30	103010	Upper Index Rod	1
31	103509	Yoke	1
32	932120	Clevis Pin $\frac{1}{4}$ Std.	1
33	933503	Hairpin	1
34	932001	Cotter Pin	3
35	920007	Washer — $\frac{1}{4}$ SAE	3
36	103507	Index Lever Assembly	1
37	908005	Bolt — Hex. $\frac{1}{4}$ -20 x 1	1
38	915111	Nut — Hex. $\frac{1}{4}$ -20 Eslok	1
39	103013	Lift Bar Assembly	1
40	103015	Lift Rod Assembly	1
41	104513	Bracket	1
42	900073	Bolt — Carriage $\frac{3}{8}$ -16 x $3\frac{1}{2}$	4
43	915663	Nut — Hex. $\frac{3}{8}$ -16 E. S.	13
44	7704	Latching Plate	2
45	920009	Washer — $\frac{3}{8}$ SAE	2
46	908036	Bolt — Hex. $\frac{3}{8}$ -16 x $1\frac{1}{2}$	2
47	933000	Clevis Pin $\frac{1}{2}$ x 2	1
48	103174	Decal	1
49	103018	Spring	1
50	933171	Spirol Pin, $\frac{5}{32}$ x 1	1
51	915665	Nut — Hex. $\frac{1}{2}$ -13 E. S.	1
52	103615	Blade Assembly — 56"	1
53	103618	Blade Edge Plate	1
54	900062	Bolt — Carriage $\frac{3}{8}$ -16 x $\frac{3}{4}$	7
55	4564	Lower Pivot Rod	1
56	104742	Skid Shoe	2
57	909554	Set Screw — $\frac{3}{8}$ -16 x 1 Sq. Hd.	2
	104956	Decal — Caution	1

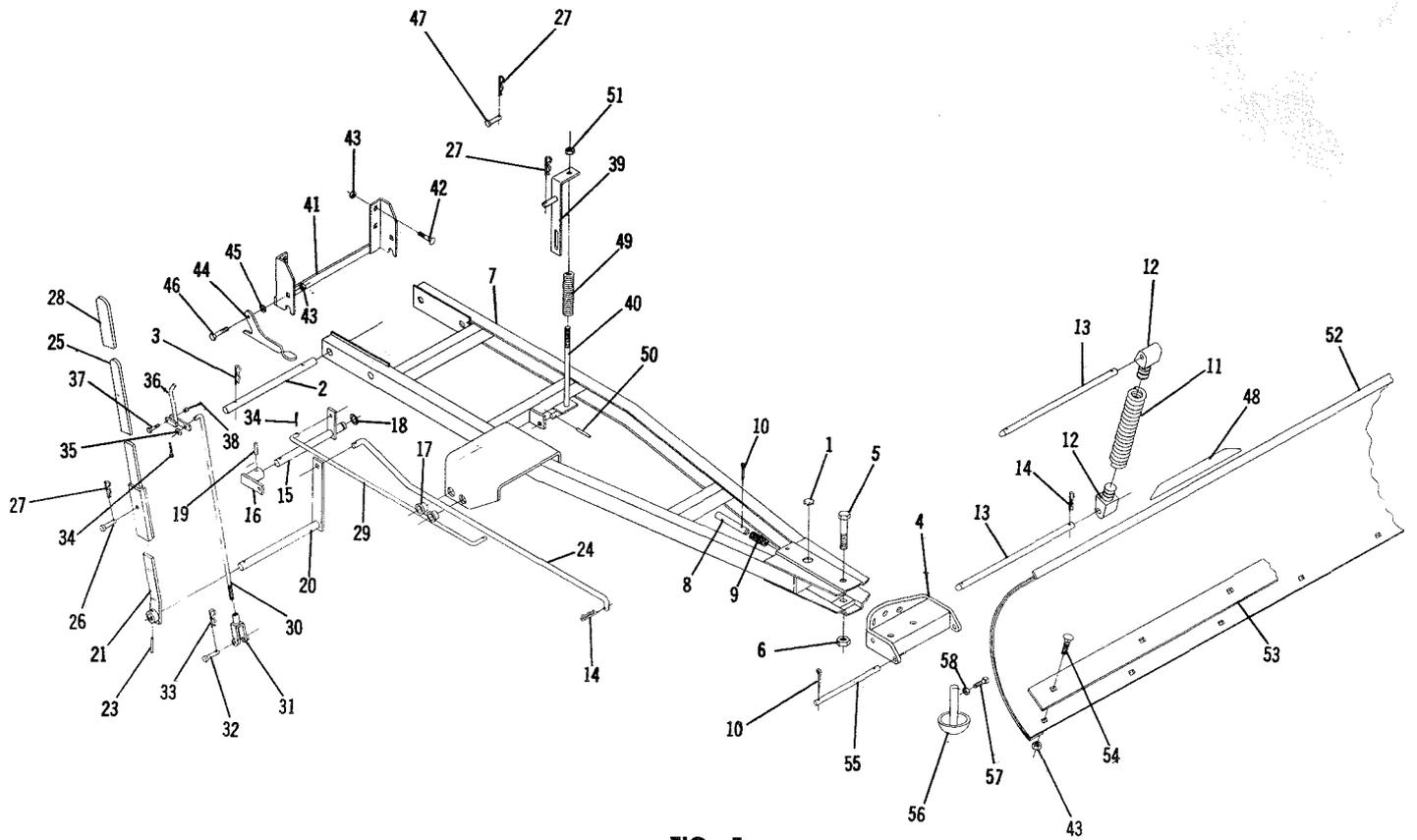


FIG. 5

WHEEL HORSE PRODUCTS, INC.
 SOUTH BEND, INDIANA 46614