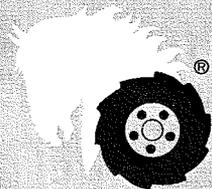


## PARTS LIST AND INSTRUCTIONS



*Wheel Horse*

WHEELHORSE PRODUCTS, INC. • SOUTH BEND, IND.



### DESCRIPTION

The Model 6-3151 Dozer Blade is designed to work with the 1969-1970 Lawn Ranger. It is quickly installed and removed to do a variety of snow and earth moving chores.

Tire chains may be mounted on the rear wheels of the Lawn Ranger to provide more traction, if needed, when operating the Dozer Blade.

### ASSEMBLY AND MOUNTING

1. The blade is shipped complete in one carton. There are three main parts in the carton: The blade assembly, frame assembly, and lift arm. Remove the parts from the carton.

2. Install the connector on the inside of the tractor lift plate as shown in Figure 1. A spacer is used between the connector and lift plate. The connector is held in place with the  $\frac{3}{8}$ -16 bolt and nut.

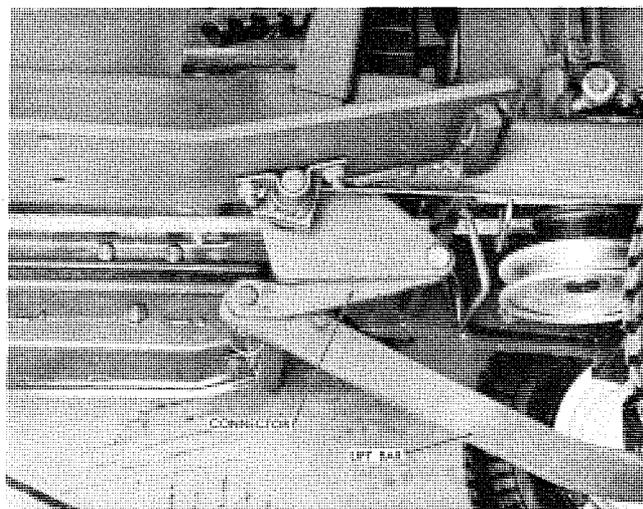


FIGURE 1

# DOZER BLADE

## MODEL 6-3151

Install the lift arm on the inside of the connector as shown. It is held in place with clevis pin and hairpin cotter.

3. Remove the clevis pins from the frame arms. This will allow the latches to swing up and expose the mounting slots.

Slide the mounting slots against the pivot mounting brackets provided on the tractor, swing the latches down and lock in place with clevis pins and hairpin cotters as shown in Figure 2.

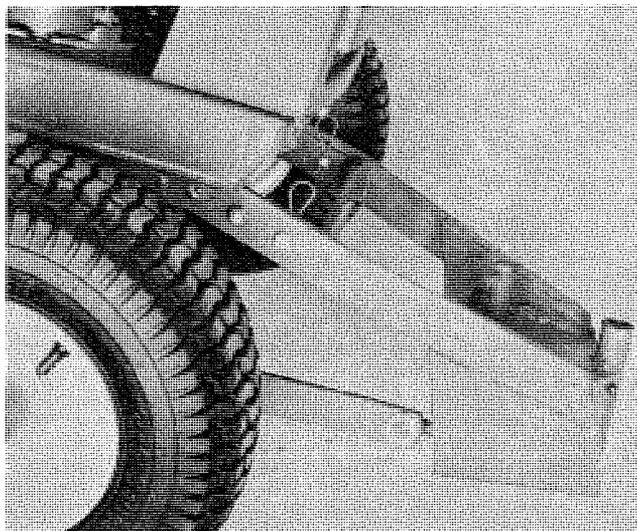


FIGURE 2

Slide the lift arm end on the frame pin as shown. It is held in place with a washer and cotter pin.

4. Align the tube of the main frame with the holes in the braces on back of blade assembly. Place the pivot pin down through the holes. Align the hole of the pivot with the hole on the blade and secure with the  $\frac{3}{8}$ -16 bolt and nut. See Figure 3.

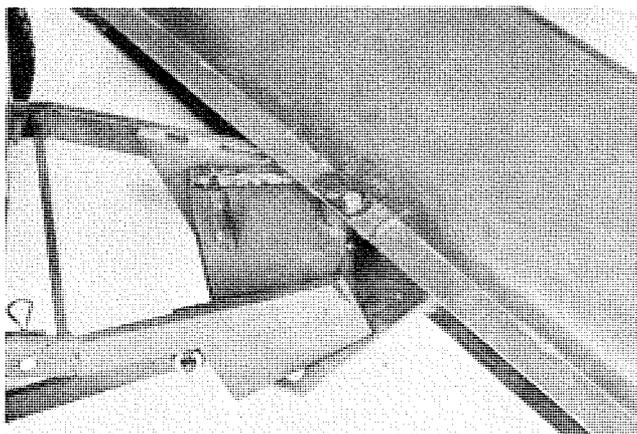


FIGURE 3

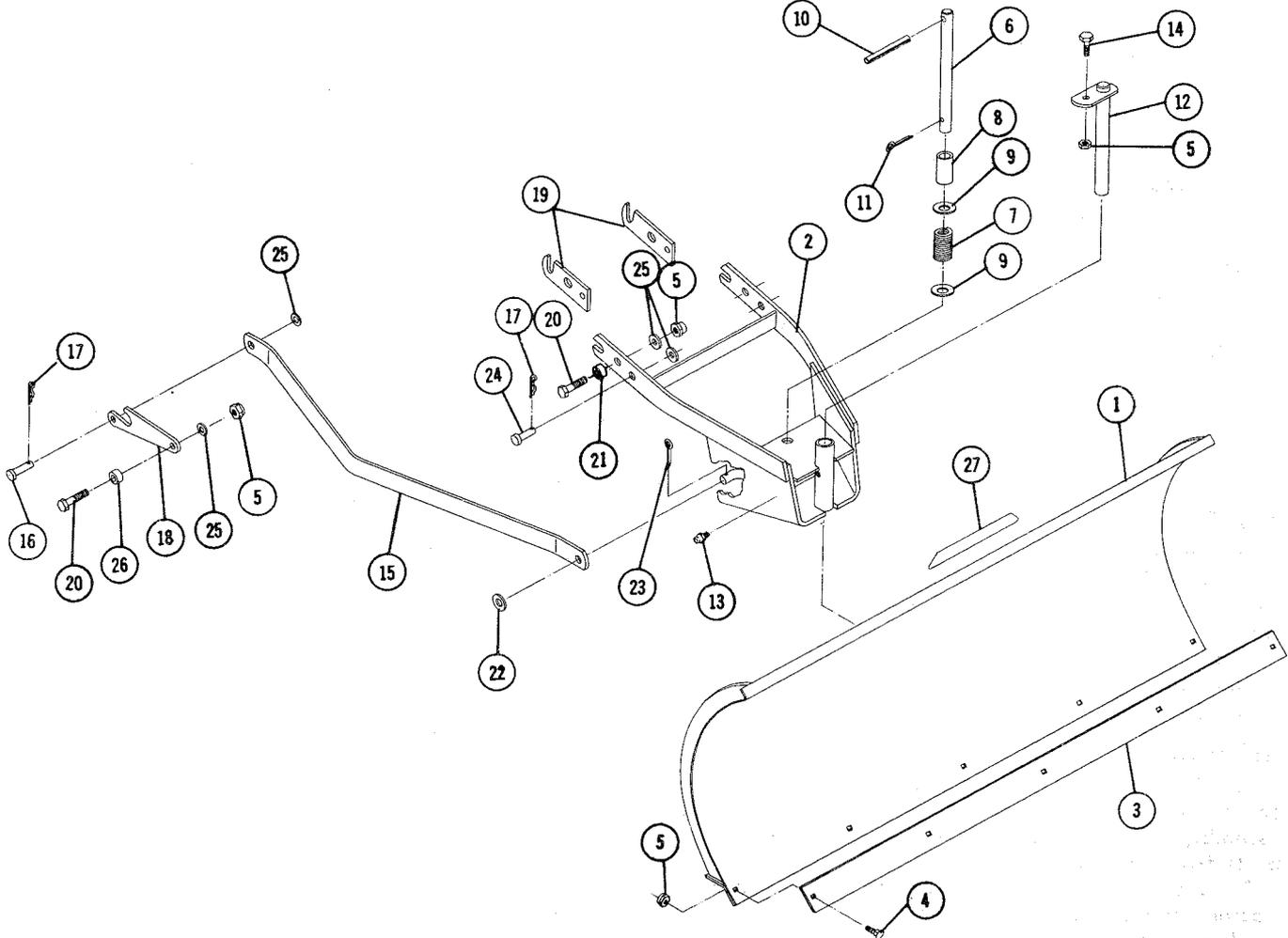
## OPERATION

**Caution: Grease pivot pin assembly before use.** The blade is adjustable and may be locked in three different positions: Straight, right angle, and left angle. These adjustments are made by pulling up on the "T" pin (located at end of frame assembly) and then turn the blade by hand to desired position. When "T" pin is released it locks the blade into position.

Down pressure is applied by pushing down on tractor lift lever.

Light weight oil should be applied to all moving parts before operation and after every 10 hours of use, also grease pivot pin, after 10 hours of use.

**Caution: Avoid hitting solid objects with corners of blade.**



## PARTS LIST

### DOZER BLADE MODEL 6-3151

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

Parts available only through Authorized Dealers.

(Specifications subject to change without notice.)

Item No.	Part No.	Description	No. Req'd
1	100186	Blade	1
2	100167	Channel	1
3	5863	Wear Plate	1
4	900063-4	Bolt — Carriage $\frac{3}{8}$ -16 x 1	5
5	915663-4	Nut — $\frac{3}{8}$ -16 Elastic Stop	9
6	100164	Pin — Pawl	1
7	5683	Spring — Compression	1
8	100171	Spacer	1
9	920013-4	Washer $\frac{5}{8}$ SAE	2
10	933223	Roll Pin $\frac{1}{4}$ x $2\frac{1}{2}$	1
11	932025-4	Cotter Pin $\frac{5}{32}$ x 1	1
12	4883	Pivot Pin	1
13	1030	Grease Fitting	1
14	908032-4	Bolt $\frac{3}{8}$ -16 x $\frac{3}{4}$	1

Item No.	Part No.	Description	No. Req'd
15	100165	Bar — Lift	1
16	932962-4	Pin — Clevis — $\frac{3}{8}$ Dia. x $\frac{7}{8}$	1
17	933505-4	Hairpin Cotter	3
18	100094	Connector	1
19	100049	Latch	2
20	908035-4	Bolt $\frac{3}{8}$ -16 x $1\frac{1}{4}$	3
21	100283	Spacer	2
22	920011-4	Washer $\frac{1}{2}$ SAE	1
23	932034-4	Cotter Pin $\frac{3}{16}$ x 1	1
24	932963-4	Pin — Clevis — $\frac{3}{8}$ Dia. x 1	2
25	920009-4	Washer $\frac{3}{8}$ SAE	5
26	6331	Spacer	1
27	5604	Decal — Attachment	1