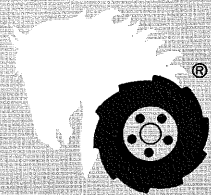
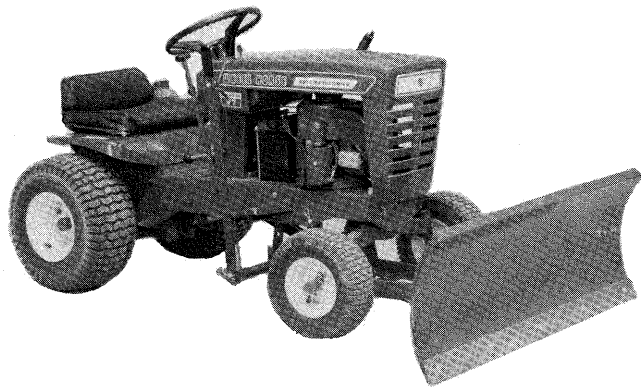


PARTS LIST AND INSTRUCTIONS



Wheel Horse

WHEELHORSE PRODUCTS, INC. • SOUTH BEND, IND.



DESCRIPTION

The 42" Dozer Blade is designed to work with Commando and Charger V7 and V8 models. It is quickly installed and removed to do a variety of snow and earth moving chores. The dozer blade is protected by an automatic trip device. If the blade strikes a solid object, it will tilt forward as it slides over the object and then return to normal operating position.

Tire chains and wheel weights may be mounted on the rear wheels to provide more traction, if needed, when operating the dozer blade.

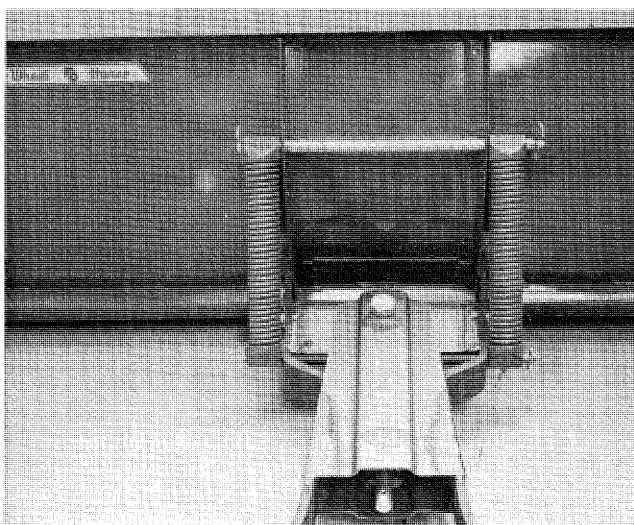


FIGURE 1

42" DOZER BLADE

MODEL

6-7121

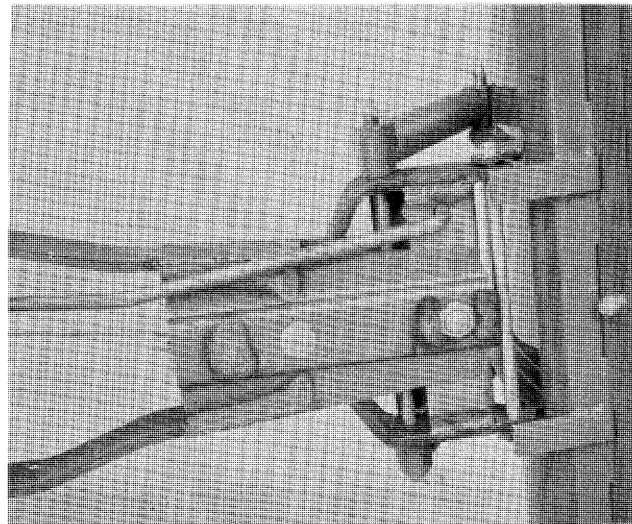


FIGURE 2

ASSEMBLY AND MOUNTING

1. The blade is shipped complete in one carton. There are three (3) main parts in the carton: the blade assembly, frame assembly, and blade pivot handle. Remove the parts from the carton.

2. Position the blade and frame assemblies as shown in figure 1 and 2, insert the lower pivot rod through matching holes in the sector and blade brackets. Secure with hairpin cotters.

3. Raise the trip return springs against the back

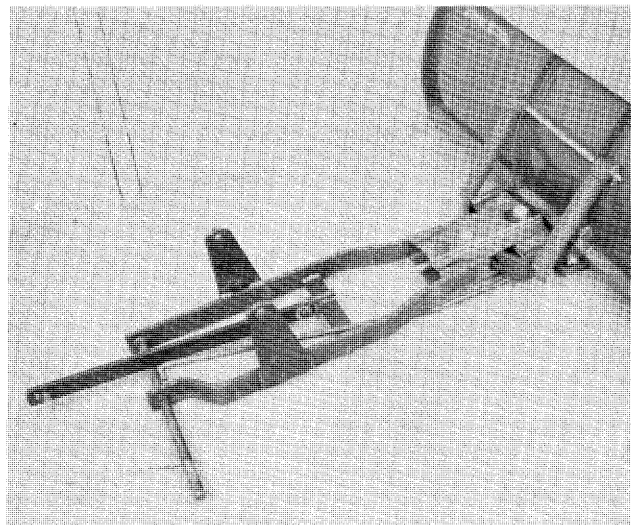


FIGURE 3

of the blade and insert the trip pivot rod through the holes in the lugs and inner angles on the back of the blade. Secure with hairpin coppers.

The tilt of the blade is determined by the hole in which the trip pivot rod is placed. The second hole from the bottom is for general use. Tilt forward for earth spreading; tilt back for more aggressive action.

4. Assemble the end of the lift bar to the frame lift bracket as shown in figure 3. Secure with a $\frac{5}{8}$ " flat washer and hairpin cotter.

5. Slide a $\frac{3}{4}$ " washer on the frame index lever shaft. Slide the index lever on the shaft and retain it with a $\frac{3}{4}$ " washer and a hairpin cotter.

6. Connect the wire rod between the index handle and indexing pin, see figure 4. The loop end connects to the handle and the sharp bend end connects to the pin. Crimp the ends over to secure.

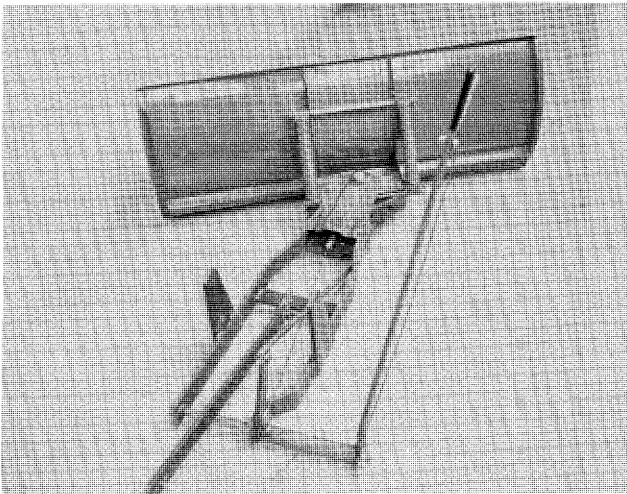


FIGURE 4

7. Drive the tractor up to the blade as shown in figure 5. Place a short piece of 2 x 4 in front of the right wheel. Drive the tractor up over the indexing

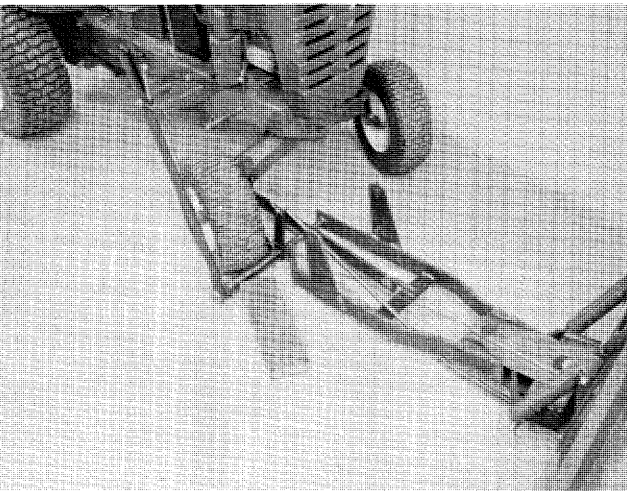


FIGURE 5

shaft and on the board, move forward until the front axle passes over the frame mounting brackets.

8. Connect the lift bar to the tractor lift arm. The lift bar fits on the right side of the tractor lift arm. Insert the clevis pin through the end hole of the lift bar and through the hole of the tractor lift arm.

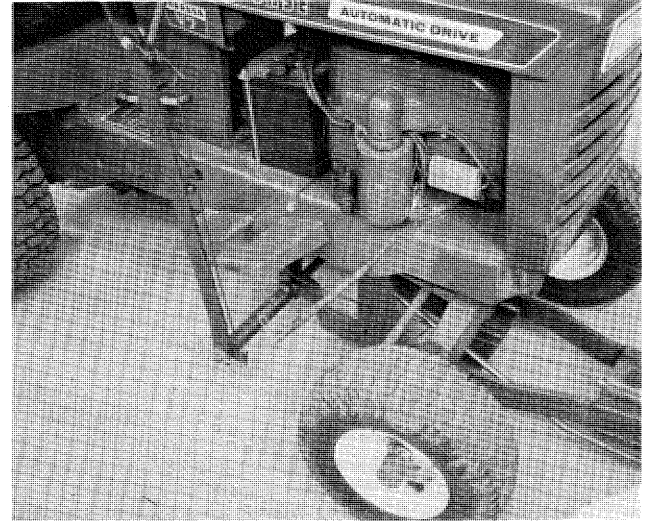


FIGURE 6

Secure the bar in place with the $\frac{3}{8}$ " flat washer and hairpin cotter.

Lift the blade frame till the holes in the mounting brackets line up with holes in the tractor frame and insert the pivot pin as shown in figure 6.

OPERATION

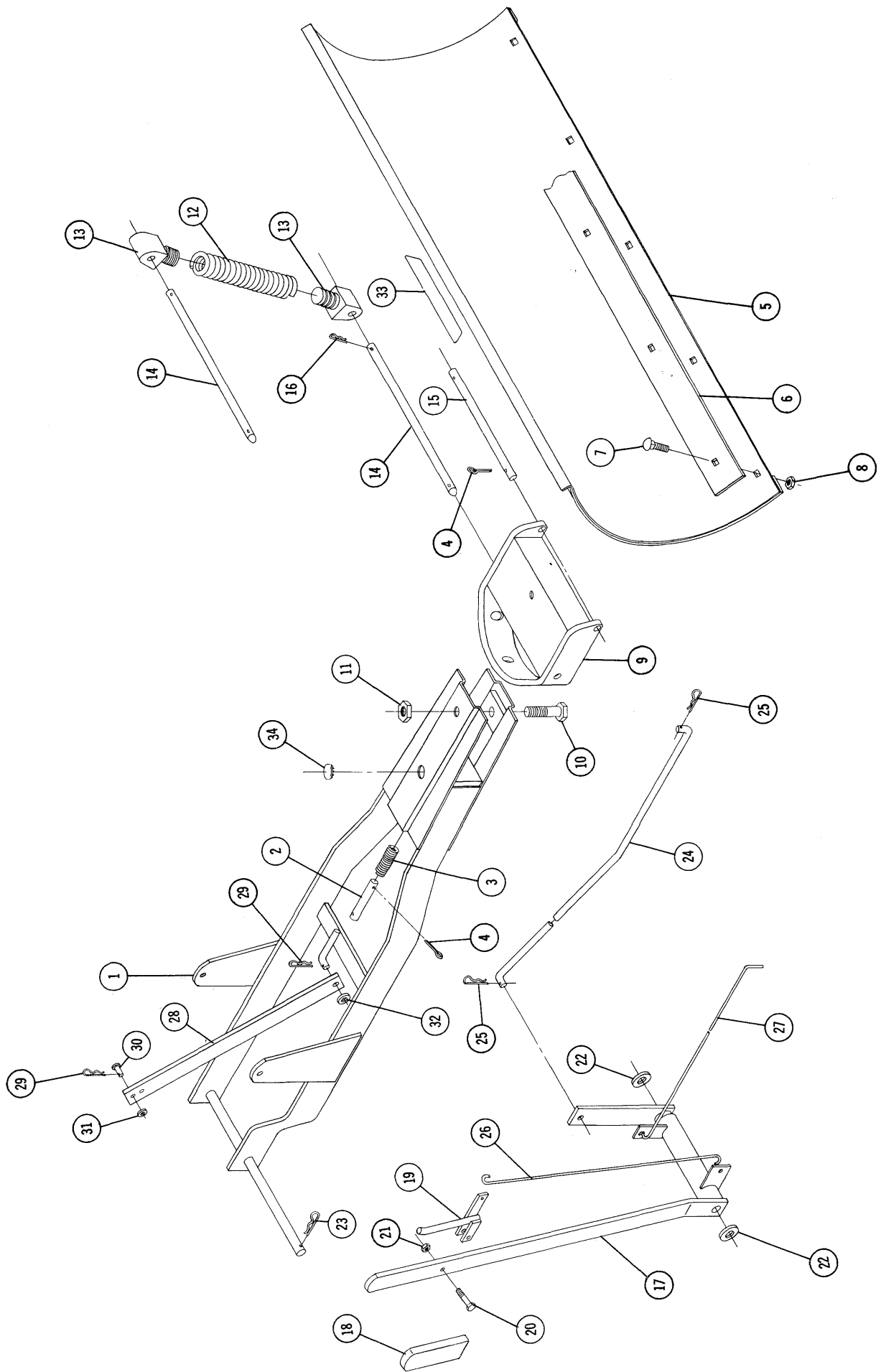
This dozer is equipped with a spring trip device. If the blade should strike a solid object, it will tilt forward and slide over. The dozer blade is adjustable and may be locked in three different positions: straight, right angle, and left angle. These adjustments are easily accomplished from the tractor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

LUBRICATION AND MAINTENANCE

Before operation, make sure all bolts are tight and coppers are in place. Excessive play in the pivot sector can be removed by tightening the large pivot bolt.

The blade edge is reversible and replaceable. When the edge becomes worn, remove the blade edge plate attaching bolts and turn the blade edge plate over, providing a new cutting edge.

A light grade of machine oil should be applied to all moving parts before operation, and after every ten hours of use. Oil holes are provided in the indexing handle shaft.



PARTS LIST 42" DOZER BLADE

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	9821	Frame	1
2	5127	Pin — Indexing	1
3	2354	Spring	1
4	932017-4	Cotter Pin $\frac{1}{8}$ x 1	3
5	5109	Blade	1
6	2346	Plate — Blade Edge	1
7	900062-4	Bolt — Carriage $\frac{3}{8}$ -16 x $\frac{3}{4}$	5
8	915663-4	Nut $\frac{3}{8}$ -16 Elastic Stop	5
9	5102	Sector and Channel	1
10	908256-4	Bolt Hex $\frac{3}{4}$ -16 x $3\frac{3}{4}$	1
11	915640-4	Nut Hex $\frac{3}{4}$ -16 Elastic Stop	1
12	5117	Spring — Trip Return	2
13	5125	Lug	4
14	5120	Rod — Trip Pivot	2
15	4564	Rod — Lower — Pivot	1
16	933512-4	Hairpin	6
17	4944	Plug Button	2
18	9826	Index Lever	1

Item No.	Part No.	Description	No. Req'd.
19	5359	Grip	1
20	9949	Lever	1
21	908005-4	Bolt Hex $\frac{1}{4}$ -20 x 1	1
22	915111-6	Nut Nylok $\frac{1}{4}$ -20	1
23	920225-4	Washer $\frac{3}{4}$	2
24	933506-4	Hairpin Cotter	1
25	9335	Rod — Blade Control	1
26	9336	Rod — Upper Index	1
27	9837	Rod — Lower Index	1
28	932944	Pin — Rod End	1
29	920007-4	Washer $\frac{1}{4}$	2
30	933503-4	Hairpin Cotter	1
31	8172	Bar — Lift	1
32	933505-4	Hairpin Cotter	2
33	933122-4	Pin — Rod End	1
34	920009-4	Washer $\frac{3}{8}$	1
35	920013-4	Washer $\frac{5}{8}$	1
36	5604	Decal	1