

PARTS LIST AND INSTRUCTIONS



Wheel Horse

WHEELHORSE PRODUCTS, INC. • SOUTH BEND, IND.

42" DOZER BLADE

MODEL
6-7111



DESCRIPTION

The 42" dozer blade is designed to work with Commando and Charger V7 and V8 models 1-4741, 1-7741, 1-7841, and 1-4841. 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.

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 hardware package. Remove the parts from the carton.

2. Position the blade and frame assemblies as shown in Figure 1, and 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 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 cotters.

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.

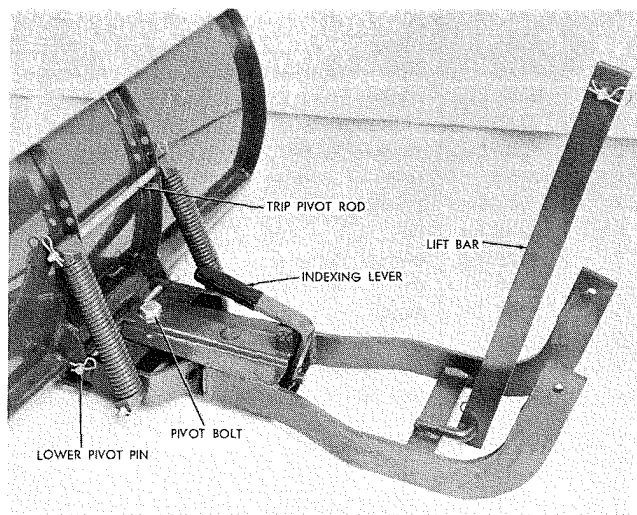


FIGURE 1

4. Assemble the end of the lift bar to the frame lift bracket as shown in Figure 1. Secure with a flat washer and hairpin cotter. Slide the assembly under the tractor from the front until the upturned ends of the frame lift arms are to the rear of the steering tie rods.

5. Remove a hairpin cotter and withdraw the attachment pivot rod, Figure 2. Raise the frame lift arms between the tractor frame side rails to align the attachment pivot holes with corresponding holes in the tractor frame. Reinsert the attachment pivot rod and secure with hairpin cottes.

6. Raise the free end of the lift bar alongside to the right of the tractor lift plate. By moving the tractor lift lever as necessary, align the hole in the end of the bar with the rear hole in the tractor lift plate. Insert the clevis pin through the bar and plate and secure with a flat washer and hairpin cotter.

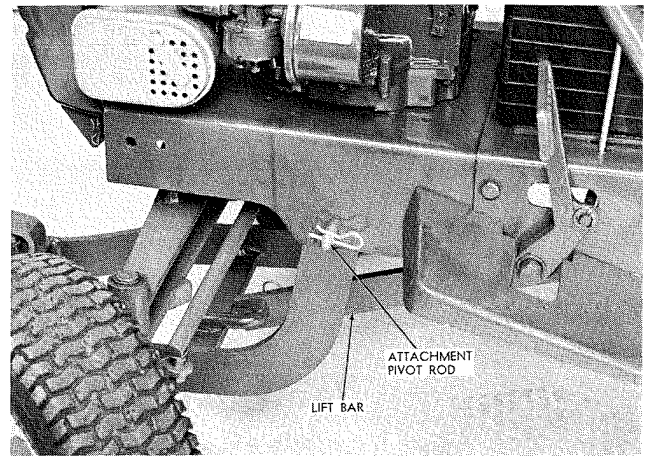


FIGURE 2

REMOVAL

1. Lower the blade with the tractor lift lever on the left side of the tractor. Remove the hairpin cotter, flat washer, and clevis pin to release the blade lift bar from the tractor lift plate.

2. Remove the hairpin cotter and withdraw the attachment pivot rod from the tractor frame to lower the blade lift arms. Reinstall the attachment pivot rod in the tractor frame and secure with the hairpin cotter. The tractor and blade may now be moved away from each other.

OPERATION

The blade operating angle is adjustable to three positions: right, left, and straight ahead. To change the angle, raise the blade with the tractor lift lever,

depress the indexing lever, Figure 1, and swing the blade to the desired position. Release the lever and allow the indexing pin to lock the blade in place.

LUBRICATION AND MAINTENANCE

Before operation, make sure all bolts are tight and cottes are in place. Excessive play in the pivot sector can be removed by tightening the large pivot bolt. (Figure 1.)

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.

PARTS LIST

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	8164	Frame	1	15	5102	Sector and Channel	1
2	5127	Pin — Indexing	1	16	908256-4	Bolt Hex $\frac{3}{4}$ -16 x $3\frac{3}{4}$	1
3	2354	Spring	1	17	915640-4	Nut Hex $\frac{3}{4}$ -16 Elastic Stop	1
4	932017-4	Cotter Pin $\frac{1}{8}$ x 1"	4	18	5117	Spring Trip Return	2
5	920013-4	Washer $\frac{5}{8}$ Flat	2	19	5125	Lug	4
6	8169	Lever — Indexing	1	20	5120	Rod — Trip Pivot	2
7	920008-4	Washer	1	21	4564	Rod — Lower Pivot	1
8	932121-4	Pin	1	22	4944	Plug — Button	2
9	933503-4	Hairpin Cotter	1	23	933512-4	Pin — Hairpin Cotter	4
10	5359	Grip — Handle	1	24	8172	Bar — Lift	1
11	5109	Blade	1	25	933505-4	Pin Hairpin Cotter	2
12	2346	Plate — Blade Edge	1	26	932122-4	Pin	1
13	900062-4	Bolt — Carriage $\frac{3}{8}$ -16 x $\frac{3}{4}$	5	27	920009-4	Washer	1
14	915662-4	Nut $\frac{3}{8}$ -16 Elastic Stop	5	28	5604	Decal	1

