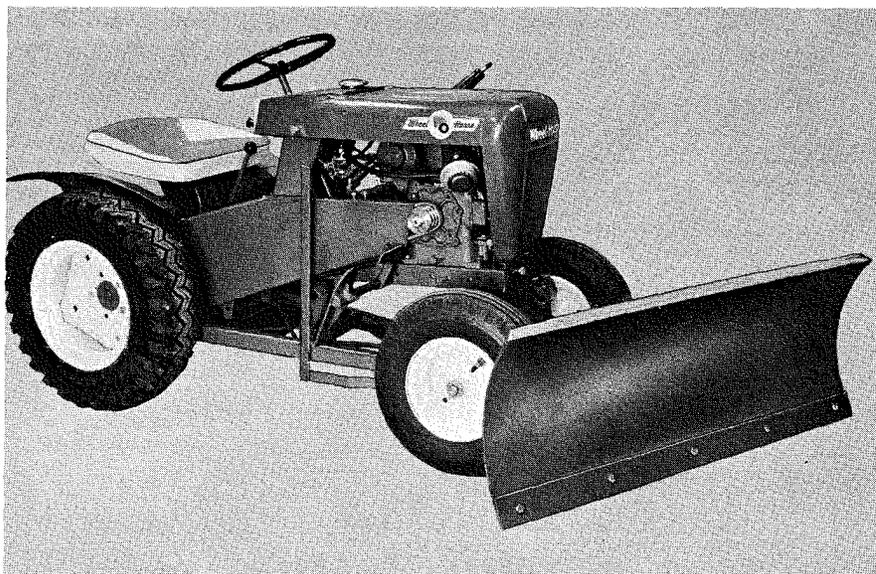


Wheel-Horse

Reg. U. S. Pat. Off.

BD-42-71 DOZER

PARTS LIST AND INSTRUCTIONS



OPERATION

The new dozer blade for the 701 is adjustable in three different positions, left side, straight ahead, and right side.

This is automatic by pressing foot lever on right side and adjusting with hand lever.

Tractor hand lever on left side is to elevate dozer to up position. It is not necessary to lock down as dozer is free floating and, when necessary, hand pressure may be applied by pushing lever forward. It is well to note that your blade also has a tilt adjustment for different conditions. This is done by removing the two top bolts on the braces to the blade and selecting the proper holes.

In using your blade, it is not advisable to hit solid obstructions on the corners of the blade as this may bend the dozer. If used properly it will do many jobs and give many hours of service.

MOUNTING INSTRUCTIONS

A. Unpack blade from carton, you will note there are 10 different pieces including the parts bag.

B. First assemble rear mounting brackets to transmission axle housing, using $\frac{3}{8}$ " "U" Bolts.

C. Assemble foot lever to main frame using turning lever ass'y. Before putting snap ring on, slide left link on end of shaft.

D. Slide main frame under tractor from front to rear. Bolt to mounting brackets using $\frac{1}{2}$ " shoulder bolts.

E. Hook up lift link to lift lever using bolt and double nuts.

F. Mount blade to main frame using $\frac{3}{4}$ " bolt and draw up nut until all looseness is taken out of pivot. Insert cotter key in castle nut to lock.

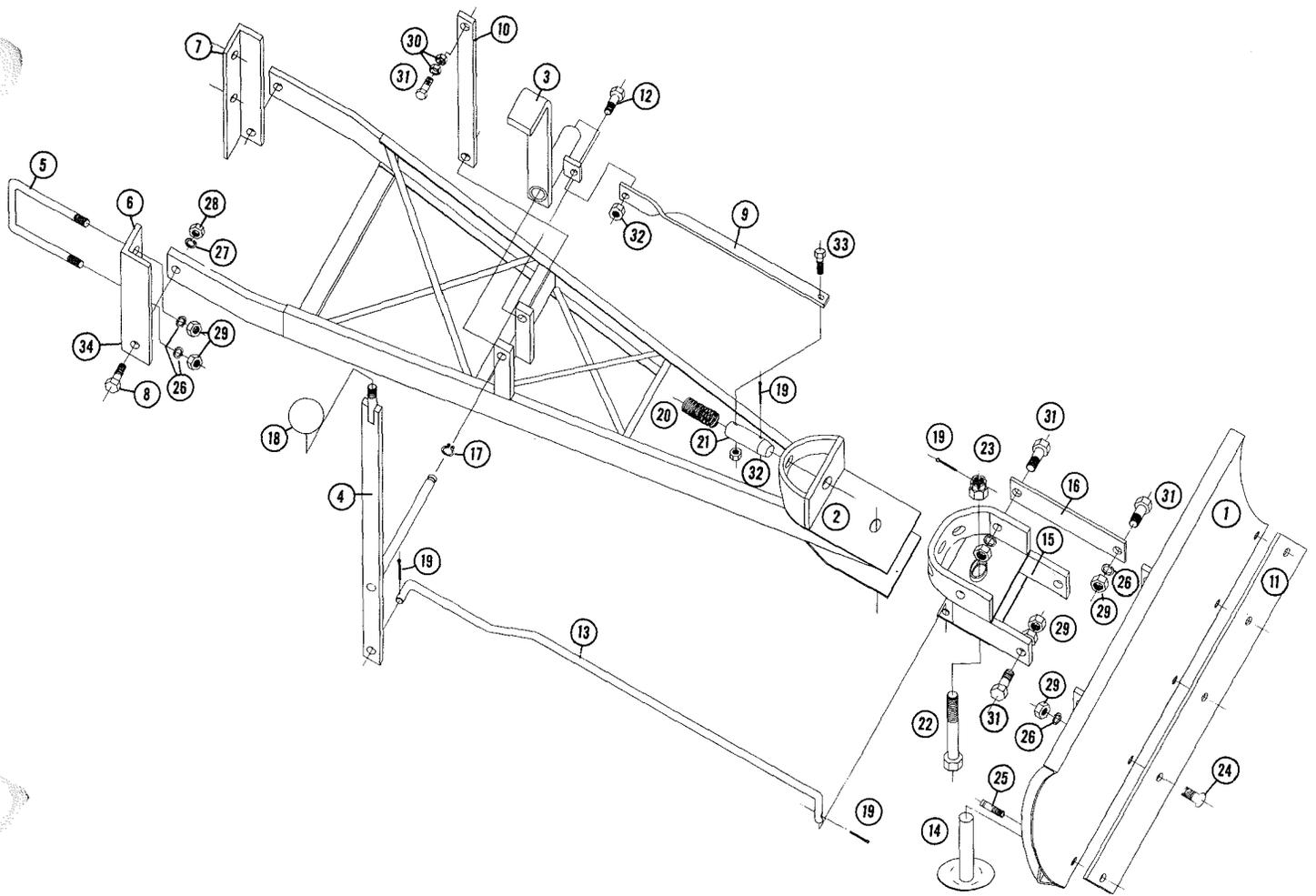
G. Install $\frac{3}{8}$ " rod to turning lever on right side and to dozer blade using cotter keys. (Lower right side)

H. A light grade of motor oil should be applied to all moving parts before starting operation.

I. The blade is adjusted at the factory for tilt but may be changed if desired to operators need.

J. There are shoes on each side of the blade which must be adjusted for different conditions. This is done by loosening set screws. These are to keep operator from hitting cracks in walk and to allow dozer to move over uneven surface without jarring tractor.

K. Never hit solid objects with tractor in high gear. Also never adjust angle of blade while tractor is moving forward or blade is in the down position.



PARTS LIST FOR BD-42-71 DOZER BLADE

No. Ref.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
1	2370	Blade Ass'y.	1	18	1001	Knob	1
2	2371	Hitch Frame Ass'y.	1	19	1002	Cotter Key $\frac{1}{8} \times 1$	4
3	2372	Foot Lever Ass'y.	1	20	2354	Spring	1
4	2379	Lift Lever Ass'y.	1	21	2353	Index Pin	1
5	2378	U-Bolt	2	22	1334	H. H. C. S. $\frac{3}{4}$ -16 x $3\frac{3}{4}$	1
6	2374	R. H. Rear Mounting Angle	1	23	1010	Hex Hd. Castle Nut $\frac{3}{4}$ -16	1
7	2375	L. H. Rear Mounting Angle	1	24	1251	Carriage Hd. Bolt $\frac{7}{8} \times \frac{3}{4}$	5
8	2380	Shoulder Bolt $\frac{1}{2}$ -13	2	25	1161	Set Screw Sq. Hd. Cup Point $\frac{3}{8} \times \frac{5}{8}$	2
9	2373	Trip Bar	1	26	1039	Lock Washer $\frac{3}{8}$	15
10	2377	Lift Bar	1	27	1115	Lock Washer $\frac{1}{2}$	2
11	2346	Wear Plate	1	28	1074	Hex Nut $\frac{1}{2}$ -13	2
12	2391	Shoulder Bolt $\frac{1}{4}$ -20	1	29	1016	Hex Nut $\frac{3}{8}$ -16	15
13	2376	Pivot Rod	1	30	1080	Jam Nut Hex Hd. $\frac{3}{8}$ -16	2
14	2399	Skid	2	31	1062	H. H. C. S. $\frac{3}{8}$ -16 x 1	5
15	2404	Blade—Mounting Bracket	1	32	1265	Hex Nut $\frac{1}{4}$ -20	2
16	2386	Blade Pitch Brace	2	33	1221	H. H. C. S. $\frac{1}{4}$ -20 x 1	1
17	1365	Snap Ring	1				