
Simplicity®

**OWNER'S
MANUAL**

46" DOZER BLADE MFG. NO. 749

SIMPLICITY MANUFACTURING COMPANY, INC.



SER. FORM - GP35
LITHO IN U.S.A.

TP-1350

The 46" Snow plow and Dozer blade can be used without any weights or chains. HOWEVER, by using these items, plowing and dozing will be done more effectively and efficiently.

Using the rear counter weight (Mfg. No. 182 with No. 045 will ease lifting of the front mounted attachments. This is mounted on the rear lift assy. Using wheel weights (1 or 2 on either side) will provide more traction. By adding chains with the wheel weights additional traction will be experienced. Loose mounting of the chains will assist in their self cleaning.

OPERATION

There are five operating positions for this blade. The position can be changed by the operator without leaving the seat. Turn the control rod clockwise to unlatch the blade. Push or pull rod to the desired position. For ease of changing positions, raise blade slightly from the ground.

By adjusting the shoe assembly, various blade heights can be achieved. Increased height adjustment can be done by adjusting the stop pin in the lift lever quadrant.

When the blade is used with the manual lift, the float cam can be placed in the float position so the blade will follow the contour of the ground without any downward pressure except the weight of the blade. The manual lift and the power lift can be used to lock the blade in any position desired. The spring on the lift arm allows the blade to lift over hard objects when downward pressure is maintained on the blade.

The wear plate on the blade is reversible. When one edge becomes worn, remove the bolts, turn the blade around, and reinstall it so the unused edge is at the bottom.

If it is desired to use a tiller or other attachment when the blade is mounted, the transport hook which is bolted to the frame at the front of the tractor should be used. With the blade hooked in the transport position, the lift arm can be removed from the tractor. The lift can then be used to raise or lower another attachment.

LUBRICATION

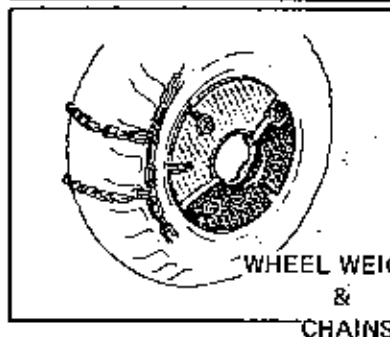
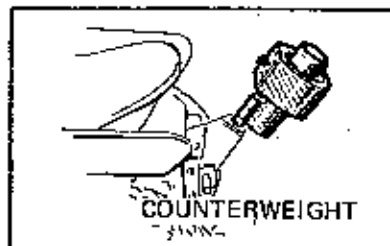
Lubricate all joints where rods enter holes. Also lubricate pivot points. Periodic lubrication will assist in ease of operation.

PACKING

The 46" Snow Plow and Dozer Blade comes in one carton with all necessary hardware.

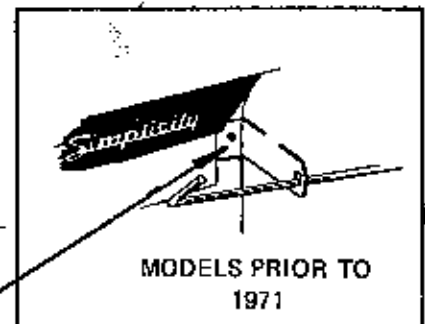
ASSEMBLY

Attach hitch assembly to blade assembly, using the two yoke pins and cotter pins provided. Using the two eye bolts, attach spring from hitch to blade. Allow 1/2" of thread to show through nuts. Attach to tractor as indicated in Fig. 1 with the two pins and spring clips. Attach blade direction rod bracket at the frame hole on right hand side of the Fuel Tank & Steering Post Support Assembly. See Fig. 1. (If this bracket has been installed for usage with another implement; it need not be removed). Attach lift rod to tractor lift lever and to plow. Fig. 1. Insert blade direction rod through bracket and attach to blade. Secure in place with spring clips.



1871 MODELS

DIRECTION ROD BRACKET ATTACHES HERE



ATTACH BLADE HITCH HERE

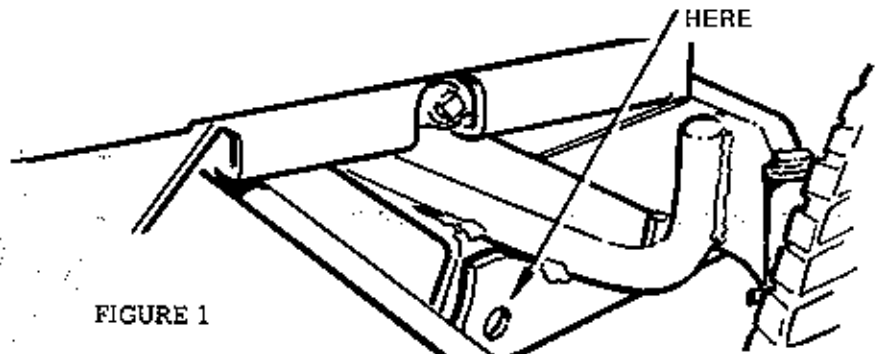
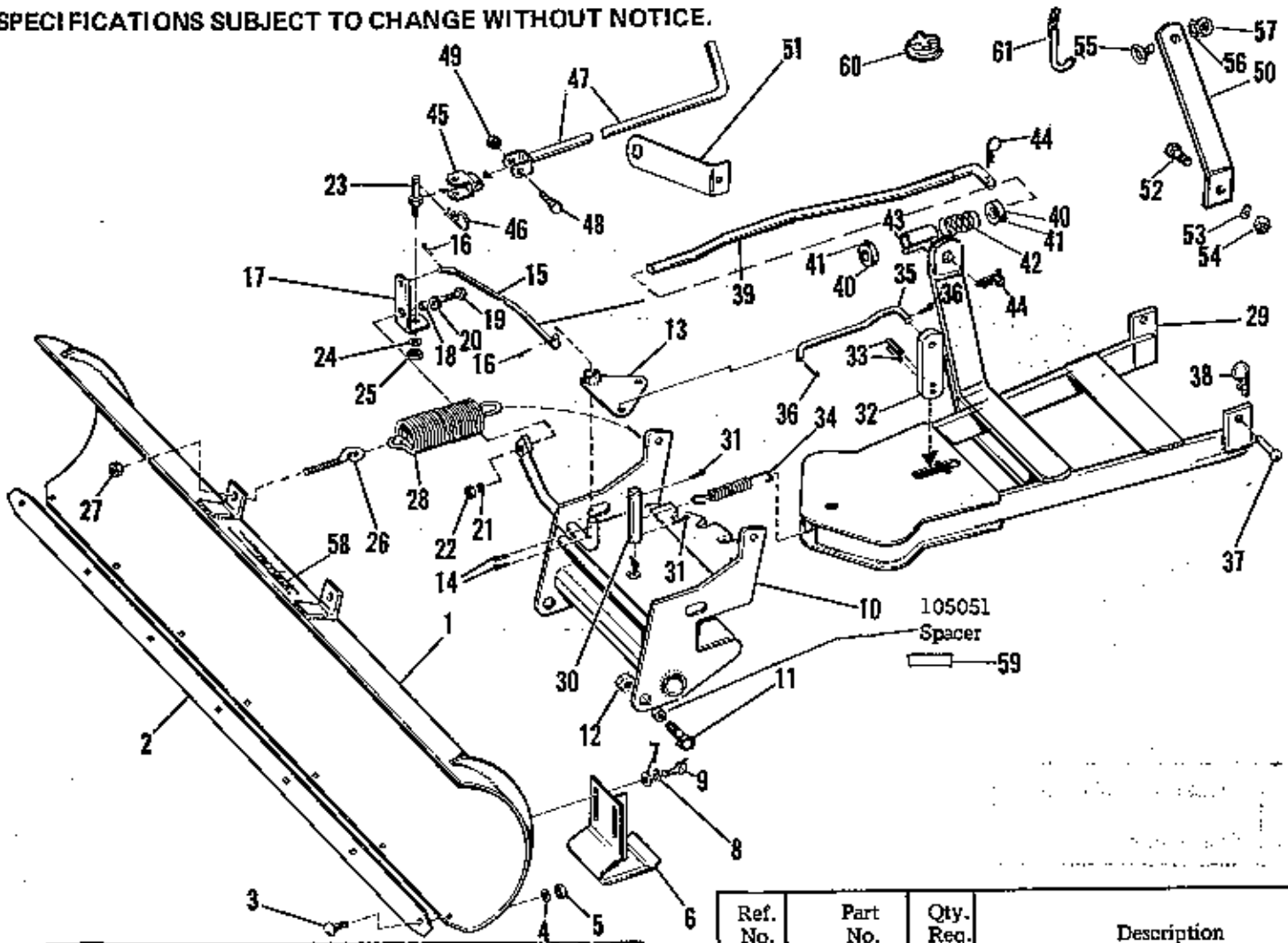


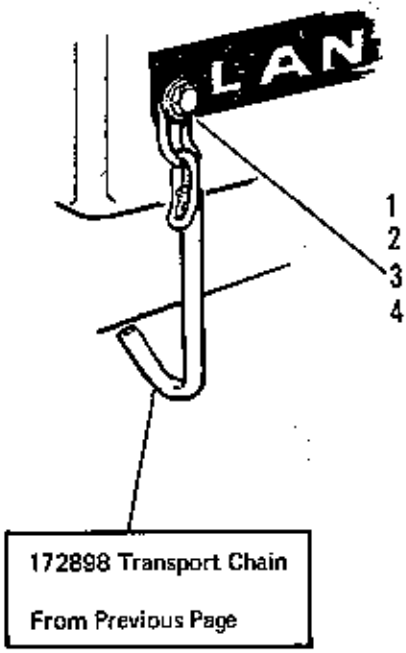
FIGURE 1

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



Ref. No.	Part No.	Qty. Req.	Description
1	107096	1	Blade Assy.
2	107105	1	Wear Plate
3	702002	7	Carriage Bolt, 3/8"-16 x 1"
4	720002	7	Lock Washer, 3/8"
5	717003	7	Hex Nut, Full 3/8"-16
6	107106	2	Shoe Assy.
7	719001	4	Flat Washer, 3/8"
8	720002	4	Lock Washer, 3/8"
9	705004	4	Hex. Cap Screw, 3/8"-16 x 3/4"
10	174054	1	Pivot Frame Assy.
11	715100	2	Hex Capscrew, 1/2"-13 x 1-1/2"
12	717518	2	Hex Nut, 1/2"-13
13	107116	1	Pivot Plate Assy.
14	722006	2	Cotter Pin 1/8" x 1"
15	107118	1	Pivot Rod
16	722016	2	Cotter Pin, 3/32" x 5/8"
17	107119	1	Pivot Arm
18	156150	1	Spacer
19	705007	1	Hex Capscrew, 5/16"-18 x 1"
20	719002	1	Plain Washer, 5/16"
21	720001	1	Lock Washer, 5/16"
22	717001	1	Hex Nut, Full, 5/16"-18
23	107120	1	Pivot Stud
24	720001	1	Lock Washer, 5/16"
25	717001	1	Hex Nut, Full, 5/16"-18
26	107121	2	Eyebolt
27	717001	4	Hex Nut, Full, 5/16-18
28	101126	2	Spring
29	174069	1	Push Bar Assy.
30	174066	1	Pivot Pin

Ref. No.	Part No.	Qty. Req.	Description
31	722003	2	Cotter Pin, 3/16" x 1-1/4"
32	174073	1	Latch
33	723002	2	Roll Pin, 7/32" x 1"
34	107135	1	Latch Spring
35	107136	1	Latch Rod
36	722016	2	Cotter Pin, 3/32" x 5/8"
37	118053	2	(Hitch) Pin
38	106788	2	Hairpin Clip
39	171680	1	Front Lift Rod
40	8031007	2	Collar
41	713006	2	Set Screw 5/16"-18 x 1/2"
42	171011	1	Spring
43	171679	1	Rod Guide
44	106788	2	Hairpin Clip
45	106131	1	Fork Assy.
46	106787	1	Hairpin Clip
47	107137	1	Handle Assy.
48	705018	1	Hex Capscrew, 5/16"-18 x 1-1/2"
49	717511	1	Full Lock Hex Nut 5/16"-18
50	172154	1	Bracket (For 1971 Tractors Only)
51	106687	1	Bracket
52	705004	1	Hex Capscrew, 3/8"-16 x 3/4"
53	720002	1	Lock Washer, 3/8"
54	717003	1	Hex Nut, Full 3/8"-16
55	172162	1	Eyebolt
56	720003	1	Lock Washer, 1/4"
57	717005	1	Hex Nut, Full, 1/4-20
58	106719	1	Film, Simplicity
59	103005	1	Model No. Plate
60	172432	1	Fuel Tank Cap (Winterized)
61	172898	1	Transport Chain Assy.



Ref. No.	Part No.	Qty. Req.	Description
1	705009	1	Hex Capscrew, 3/8"-16 x 1-1/2"
2	154177	1	Spacer
3	719001	1	Plain Washer, 3/8"
4	720002	1	Lock Washer, 3/8"
5	717003	1	Hex Nut, Full, 3/8"-16
6	174438	1	Deflector
7	705002	2	Hex Capscrew, 1/4"-20 x 1/2"
8	720003	2	Lock Washer, 1/4"
9	717005	2	Hex Nut, 1/4"-20

Install the deflector as illustrated. If the unit is equipped with lights the deflector is mounted using the same hardware that secures the headlight.

