

# Panzer Disc Harrow Model 6AC2

## Instructions and Parts List

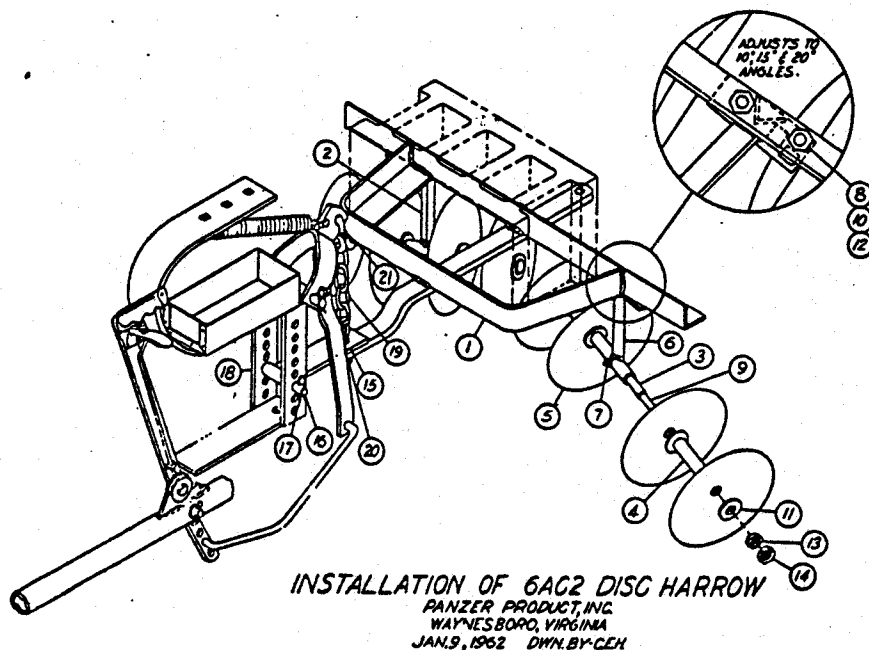
The Model 6AC2 Disc Harrow is specially designed to fit Panzer Tractor Models T-65, T70, T70B, and T707. A 2AC2S rear lift must be fitted to the T65 tractor; the other models require nothing extra to attach harrow.

The Disc Harrow is useful for both working down plowed ground and for straddle row and between row cultivating of crops. Angle of discs is adjustable and their direction of throw can be reversed.

### PARTS LIST

Fig. No.	Part Number	Description	No Rec
1	D124	Frame Ass'y.	1
2	D117	Rt. Hanger & Bearing Housing Ass'y.	1
3	D121	Bearing	2
4	D122	Spacer	4
5	D126	Disk 11" dia.	8
6	D127	Lft. Hanger & Bearing Housing Ass'y.	1
7	D128	Grease Fitting 5/16"	1
8	F129	Carriage Bolt 3/8 x 1-14"	4
9	F407	Hex. Head Bolt 3/4 x 16"	2
10	F498	Lock Washer 3/8"	4
11	F532	Flat Washer 3/4" (heat treated)	16
12	F556	Hex. Nut 3/8"	4
13	F562	Hex. Nut 3/4"	2
14	F571	Jam Nut 3/4"	2
15	TA15-1	Hitch Plate Weldment	1
16	TA15-2	Hitch Pin	1
17	TA15-3	Clip Pin	1
18	TA15-4	Cotter Pin (1/8 x 1)	1
19	TA15-5	Chain & Bolt Weldment	1
20	TA15-6	Hex. Nut (1/2-13)	2
21	TA15-7	S-Hook	1

When ordering parts give part number and name and also model number of attachment.



### ASSEMBLY

1. Unpack the disc harrow and identify the parts in the diagram.
2. With main frame upside down loosely bolt the right and left hangers (2 and 7) in position.
3. Assemble 4 washers, 2 discs, 1 spacer, and 1 bearing on each of the 3/4" bolts with the discs cupped away from the bolt head.
4. Slip the bolt and sleeve into the hanger from inside and put on the rest of the washers, discs and spacer. (It may be necessary to swing the 2nd hanger out of normal position to get the bolt thru the hanger, if assemblies on bolt are made up as noted above.)
5. Tighten nut (13) and locknut (14) down tight. If properly put together, the disc-spacer-bolt assembly should now rotate freely in the hanger bearing.
6. Set the two hangers at the proper spacing and at the same angles (10°, 15°, or 20° as desired) by inserting bolts in the proper holes and tighten bolts.
7. Grease the two pressure fittings.
8. Turn disc upright and attach hitch (17) to harrow beam with chain and bolt as shown. Snug nut (20) up so that hitch can just be moved by hand and draw lock nut up to hold in place.

### MOUNTING AND OPERATING

1. Attach cultivator to tractor as shown using 3rd hole from bottom of tractor hitch, and hook chain into lift arm. Lift handle when pushed forward should now raise discs clear of ground and when pushed back should lower disc so that chain is still slack when discs are cutting into soft ground.

2. If desired two harrows can be mounted in tandem, one with discs cupped in and one with discs cupped out. In this case the lift of course cannot be used to elevate them.

#### 3. WORKING DOWN PLOWED GROUND

- a. Set disc gangs at maximum angle (20°). Discs can be cupped in or out as desired.
- b. Place a 16" concrete building block in rack on top of harrow.
- c. Zigzag and crisscross over plowed ground to keep the surface relatively level.
- d. The type of soil, its condition, and the weight on harrow will determine how many passes will be needed to get the seed bed prepared the way you want it.
- e. The Panzer rolling spike harrow model TH1 can be attached behind the disc to give a finer seed bed.

#### 4. CULTIVATING

- a. When plants are small the disc harrow can be used straddling the row. For this operation set the disc gangs out and adjust for proper angle. By reversing sides the discs can be set to move dirt into or away from row.
- b. Depth of cut can be controlled by the lift handle and nuts (20) on chain lift should be brought up fairly tight so disc will not swing from side to side and cut out plants in row.

- c. For cultivating between rows the disc gangs should be set together. Angle and direction of throw can be varied to suit depending on whether rows are to be banked or ditched. If level cultivating is desired the direction of throw should be reversed each time the plot is gone over.

#### 5. CARE AND MAINTENANCE

Lubricate the two grease fittings every several hours of use.

Oil the disc surfaces if the harrow is not to be used for some time to prevent rusting.

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