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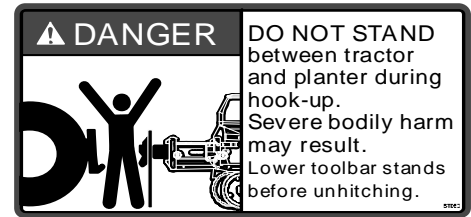
**FRAME**

**7" x 7" Twin-Row Frame, Rigid**

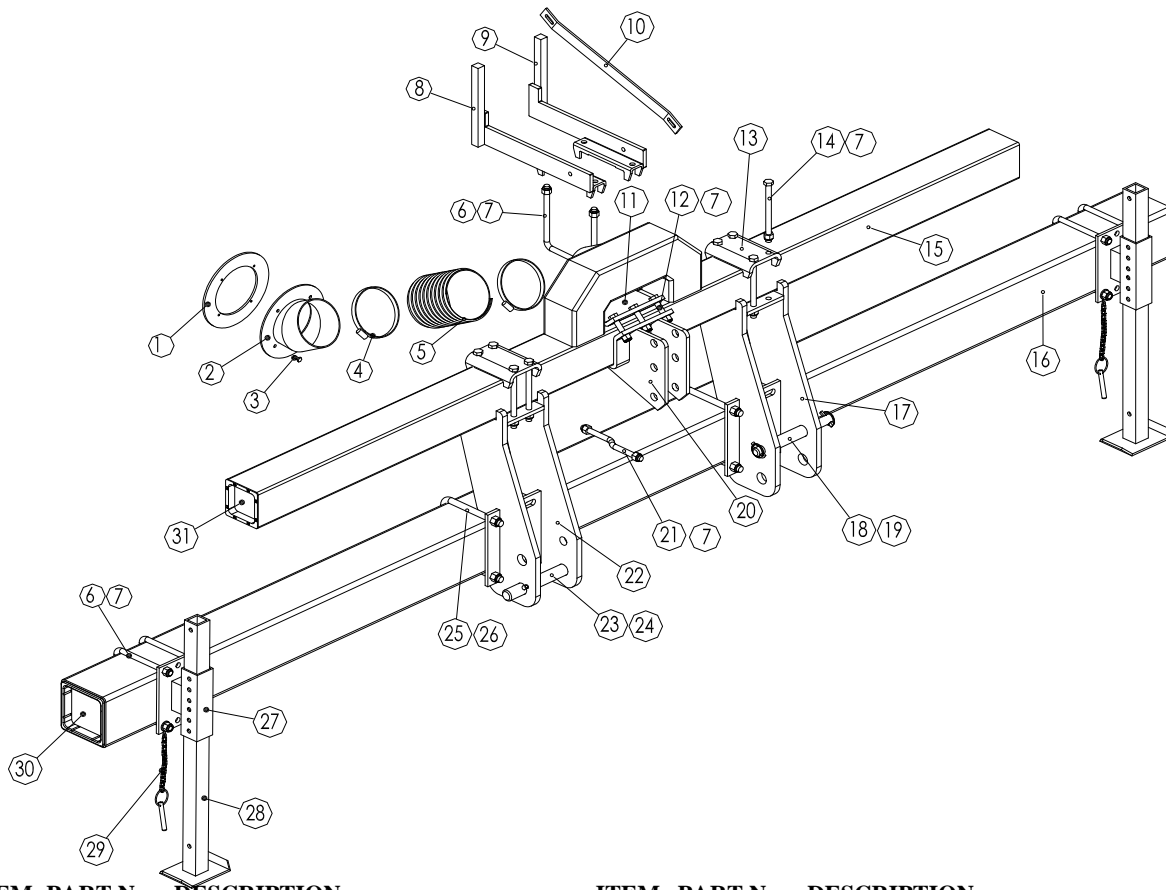
**4 x 2 Twin-row Frames**

The Twin-row frames are rigid and consist of a lower 7" x 7" square toolbar and an upper 5" x 5" square toolbar. The rigid toolbar is equipped with a 3-point hitch for mounting to the tractor. Refer to section **PREPARATION** for hitching the planter to the tractor.

**IMPORTANT:** Periodically check that the bolts attaching the hitch, stands and turbofan mounting brackets are tight. Vibrations from operation can cause them to loosen or break. Also check that the hose (part No. 900395) is not cracked or deteriorated, to avoid losing air in the vacuum system.



**PARTS**



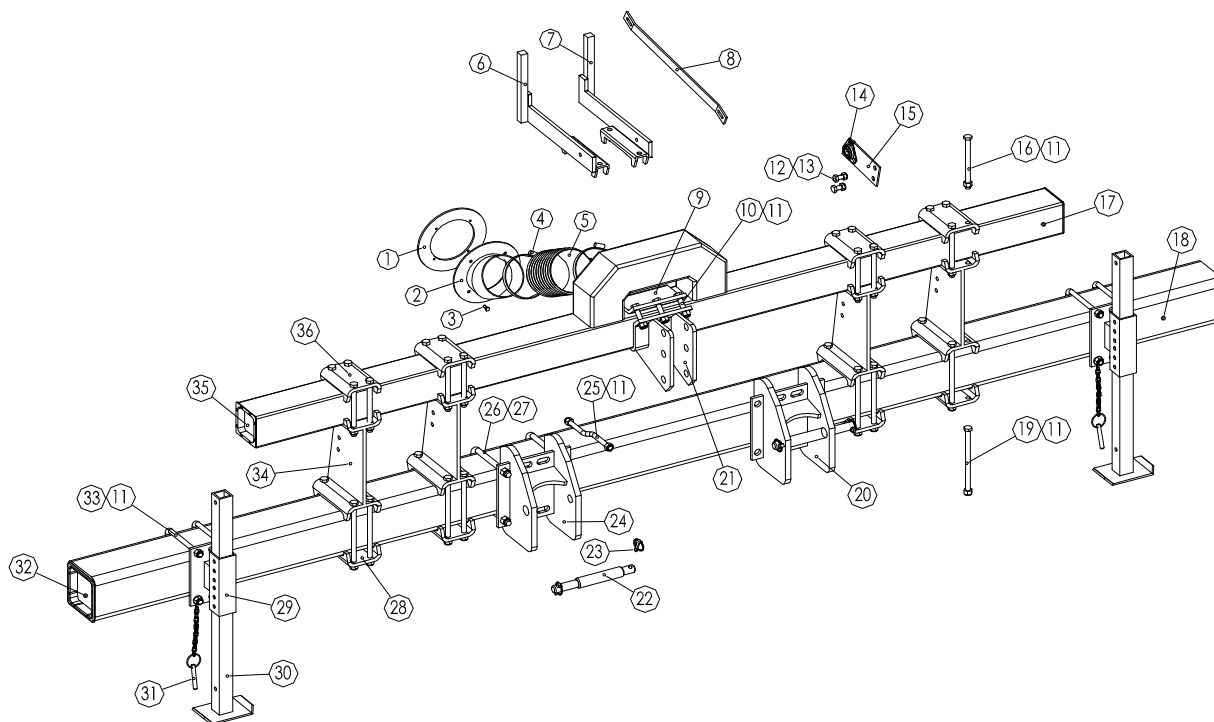
ITEM	PART No.	DESCRIPTION
1	900131	Gasket, for standard fan
2	900379	Turbofan inlet stub
3	F38615	Hex head bolt, 8 x 20
4	JHS128	6" hose clamp
5	900395.1	Hose, 6" Dia x 7" long
6	4502.S	U Bolt, 7x7, 5/8-11
7	F37188	Nylon locknut, 5/8-11
8	900392.1	Turbofan support, RH
9	900393.1	Turbofan support, LH
10	900360	Fan vibration strap
11	4889	Counter clamp, upper hitch
12	F15315	Hex head bolt, 5/8-11 x 3", Gr 8
13	E7571	Top cap, toolbar spacer
14	F15329	Hex head bolt, 5/8-11 x 8", Gr 8
15	900359	5" X 5" Top bar

ITEM	PART No.	DESCRIPTION
17	800188.L	Hitch/ Spacer combination, LH
18	4898	Hitch pin, CAT II/III
19	11476	Lynch pin, 9mm
20	4890	Hitch, top link
21	900237	Z bolt, 5/8-11 x 10", Gr 5
22	800188.R	Hitch/ Spacer combination, RH
23	O302-592	Hitch pin, CAT III
24	O104-036	Lynch pin 7/16"
25	4502.SA	U Bolt, 7 x 7, 3/4-10
26	F37190	Nylon locknut, 3/4-10
27	E1030	Mounting bracket, jack stand
28	E1031	Jack stand
29	KA4733	Pin and chain, stand adjustment
30	4517.S	End cap, 7 x 7
31	4517	End cap, 5x5

**FRAME**

**7" x 7" Twin-Row Frame, Rigid**

**6 x 2 Twin-row frames and Larger**



**PARTS**

ITEM	PART No.	DESCRIPTION
1	900131	Gasket, for standard fan
2	900379	Turbofan inlet stub
3	F38615	Hex head bolt, 8 x 20
4	JHS128	6" hose clamp
5	900395.1	Hose, 6" Dia. X 7" long
6	900392.1	Turbofan support, RH
7	900393.1	Turbofan support, LH
8	900360	Fan vibration strap
9	4889	Counter clamp, upper hitch
10	F15315	Hex head bolt, 5/8-11 x 3", Gr 8
11	F37188	Nylon locknut, 5/8-11
12	F38738	HCS 14-2.0 X 35 Z 8.8
13	F40171	Lock nut 12mm YZ
14	4515	Flange bearing 7/8" hex bore
15	4891	Bearing support
16	F15329	Hex head bolt, 5/8-11 x 8", Gr 8
17	900359.1	Top toolbar, 5 x 5
18	4500.2	Toolbar, 7 x 7, 3/8" wall

ITEM	PART No.	DESCRIPTION
19	F15333	Hex head bolt, 5/8-11 x 10", Gr 8
20	4896	Lower hitch bracket, LH
21	4890	Hitch, top link
22	4898	Hitch pin, CAT II/III
23	11476	Lynch pin, 9mm
24	4897	Lower hitch bracket, RH
25	900237	Z bolt, 5/8-11 x 10", Gr 5
26	4502.SA	U Bolt, 7 x 7, 3/4-10
27	F37190	Nylon locknut, 3/4-10
28	E7572	Bottom cap, toolbar spacer
29	E1030	Mounting bracket, jack stand
30	E1031	Jack stand
31	KA4733	Pin and chain, stand adjustment
32	4517.S	End cap, 7 x 7
33	4502.S	U Bolt, 7 x 7, 5/8-11
34	E7570	Toolbar spacer
35	4517	End cap, 5 x 5
36	E7571	Top cap, toolbar spacer



**FRAME**

**7" x 7" Wheel Block, Front Mounted**

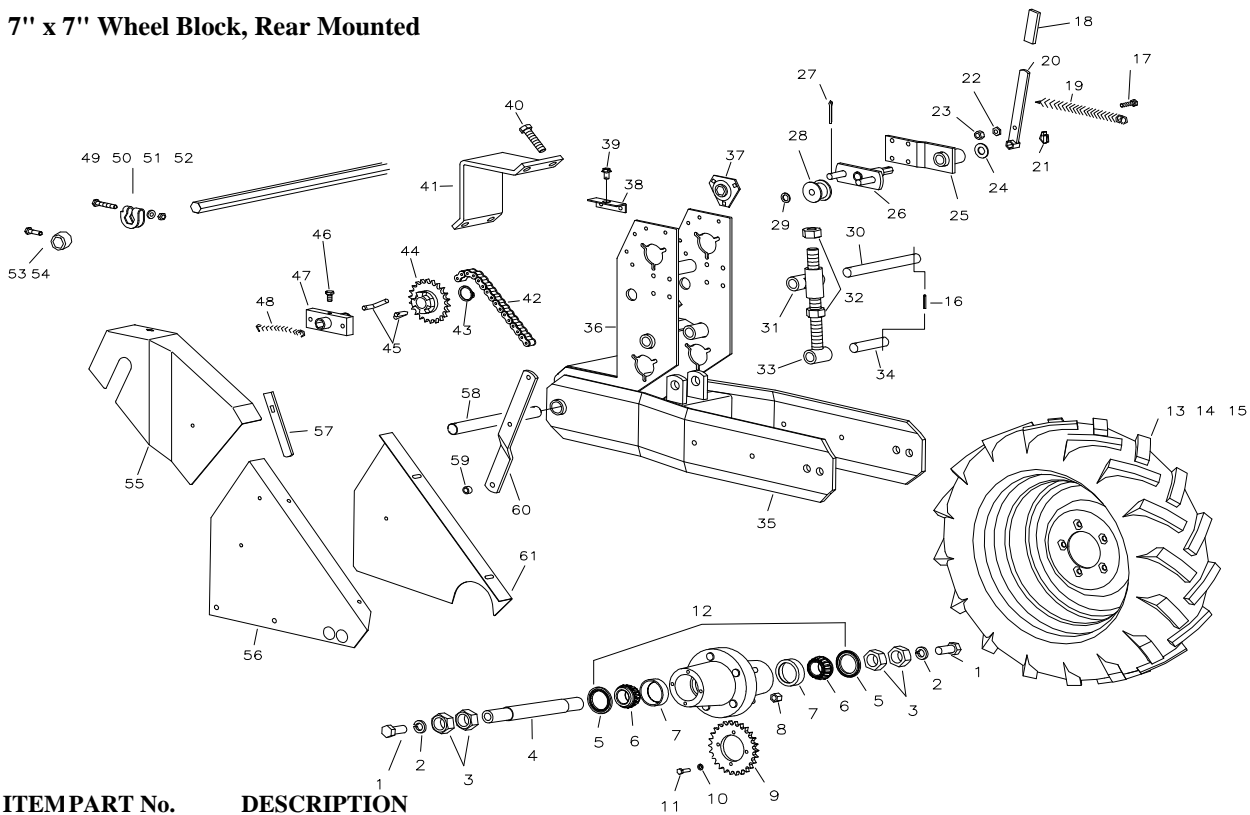
ITEM	PART No.	DESCRIPTION
	4520	Hex shaft. Specify length.
1	H-6151	Hex head bolt, 3/4-10 x 1-1/2"
2	F33632	Lock washer, 3/4"
3	N-9600	Jam nut, 1-1/4-12
4	AS7191-E-16	Spindle
5	P602106	Grease seal
6	P752318	Tapered roller bearing (Peer 14136A)
7	P702216	Cup for tapered roller bearing
8	P201602	Lug nut, 1/2-20
9	4782.A	Drive Sprocket, 26 tooth, #50
10	W-1610	Lock washer, 5/16"
11	H-2100	Hex head bolt, 5/16-18 x 1"
12	A525200-5	Hub assembly (Hub and items 5-8)
13	G170227132	Tire only, 7.60 x 15, 6ply
14	AW51522V	Rim only, 5 x 15 w/valve guard
15	900015.2	Tire assembly (items 13 & 14)
16	10172095	Roll pin, 6 x 50
	10172093	Roll pin, 6 x 40
17	N-2001	Hex Nut 3/8"-16
18	4894	Plastic cover for handle
19	9613.S	Spring
20	4787.AT	Idler Handle, chain tightener
21	9557	Lynch pin, 6mm
22	W-2610	3/8" Lock Washer
23	H-3120	Hex head bolt, 3/8"-16 x 1-1/2"
24	10623028	Washer, 21x40x2
25	800285.L	Idler plate left
	800285.R	Idler plate right
	900406.L	Complete Idler L.H. Assembly
	900406.R	Complete Idler R.H. Assembly
26	4786.B	Idler bracket
27	10170067	Cotter pin, 5 x 40
28	KD0916	Idler roller
29	10622026	Washer, 16.5x26x2
30	4779	Upper pin, 25mm x 215mm
31	4777	Bushing tee
32	NM-82401	Nut, 24mm
33	4775.A	Threaded rod, 24mm
34	4778	Lower pin, 25mm x 103mm

ITEM	PART No.	DESCRIPTION
35	4773.B	Tapered wheel mounting frame
36	4774.1	Wheel unit bracket
37	4515	Bearing complete with flanges
	4515.1	Bearing only, hex bore (205KRRB2)
	4515.2	Flange
38	E4025.L	Bearing Support LH Topshaft (shown)
39	E4025.R	Bearing Support RH Topshaft (shown)
40	HM-81670	Hex head bolt, 16 x 70mm
41	4882	Clamp facing, 7x7
42	4791.B	Drive chain, #50, 130 links w/conn link + 40 links w/ another conn link
43	6915	Snapping, external (30mm)
44	4790.A	Sprocket, slipclutch (22 teeth)
45	4789	L pin, for slipclutch
46	HM-41025	Hex head bolt, 10 x 25mm
47	4788	Slipclutch block
48	5247	Spring
	10170067	Cotter pin, 5 x 40
49	4523.1	Narrow hex shaft stop, complete
50	HM-2845	Hex head bolt, 8 x 45mm
51	10620064	Washer, 8.5x16x2
52	NM-1812	Nut, 8mm
53	10623063	Washer, 26 x 41 x 2mm
54	4523	Bushing stop
55	K10233	Bushing machine 1.5" OD. X 1" ID.
56	N-2101	3/8"-16" Nylock
57	NM-21015	10-1.5 Nylock
58	4776.A	Front pin, 30mm x 260mm
59	HM-41030	Hex head bolt M10-1.5 x 30mm
60	G50B14	Sprocket 14T Hex bore, #50 Chain
61	G50B32	Sprocket 32T Hex bore, #50 Chain
62	4520 13-1/2"	Hex shaft 13.5" Length #50 Chain 32 Links including w/conn link 20" chain length
63	4791.C	
	65009380	32 T slipclutch sprocket for timing

**PARTS**

**FRAME**

**7" x 7" Wheel Block, Rear Mounted**



ITEM	PART No.	DESCRIPTION
	4520	Hex shaft. Specify length.
1	H-6151	Hex head bolt, 3/4-10 x 1-1/2", Gr.5
2	F33632	Lock washer, 3/4"
3	N-9600	Jam nut, 1-1/4-12
4	AS7191-E-16	Spindle
5	P602106	Grease seal
6	P752318	Tapered roller bearing (Peer 14136A)
7	P702216	Cup for tapered roller bearing
8	P201602	Lug nut, 1/2-20
9	4782.A	Drive Sprocket, 26 tooth, #50
10	W-1610	Lock washer, 5/16"
11	H-2100	Hex head bolt, 5/16-18 x 1", Gr.5
12	A525200-5	Hub assembly (Hub and items 5-8)
13	G170227132	Tire only, 7.60 x 15, 6ply
14	AW51522V	Rim only, 5 x 15 w/valve guard
15	900015.2	Tire assembly (items 13 & 14)
16	10172095	Roll pin, 6 x 50
	10172093	Roll pin, 6 x 40
17	10502018	Hex head bolt, 10 x 35
18	HM-41035	Plastic cover for handle
19	9613.S	Spring
20	4787	Handle, chain tightener
21	9557	Lynch pin
22	NM-21011	Nut, 10mm
23	NM-21015	Nylon locknut, 10mm
24	10623028	Washer, 21x40x2
25	4784.A	Idler support bracket
26	4786.B	Idler bracket
27	10170067	Cotter pin, 5 x 40
28	KD0916	Idler roller
29	10622026	Washer, 16.5x26x2
30	4779	Upper pin, 25mm x 215mm
31	4777	Bushing tee
32	30600025	Nut, 24mm
33	4775	Threaded rod, 24mm

34	4778	Lower pin, 25mm x 103mm	
35	4773.B	Tapered wheel mounting frame	
36	4774.1	Wheel unit bracket	
37	4515	Bearing complete with flanges	
	4515.1	Bearing only, hex bore (205KRRB2)	
	4515.2	Flange	
38	5132	Bracket for shield mounting	
39	9724.2	Keeper bolt for shield	
40	HM-81670	Hex head bolt, 16 x 70	
41	4882	Clamp facing, 7x7	
42	4791.A	Drive chain, #50, 130 links w/connector link	
43	6915	Snapping, external (30mm)	
44	4790.A	Sprocket, slip clutch (22 teeth)	
45	4789	L pin, for slip clutch	
46	HM-41025	Hex head bolt, 10 x 20	
47	4788	Slip clutch block	
48	5247	Spring	
	10170067	Cotter pin, 5 x 40	
49	4523.1	Narrow hex shaft stop, complete	
50	HM-2845	Hex head bolt, 8 x 45	
51	10620064	Washer, 8.5x16x2	
52	NM-1812	Nut, 8mm	
53	HM-41010	Hex head bolt, 10 x 15	
54	4523	Bushing stop	
55	5130.G	Left hand upper chain guard (shown)	
	5130.D	Right hand upper chain guard	
56	4783.GB	Left hand lower chain guard (shown)	
	4783.DB	Right hand lower chain guard	
57	5131	Shield guide bar	
58	4776.A	Front pin, 30mm x 260mm	
59	1538	Spacer bushing, 12x18x10mm wide	
60	5129	Shield mounting brace	
3. 6	61	4729.G	Lower left inside chain guard (shown)
		4729.D	Lower right inside chain guard

**PARTS**