

MORRIS 80-18 SEED-RITE

(Hoe Drill)

Parts Section



Right Drill Frame, Pressure Shaft and Dragbar Hanger	2 & 3
Left Drill Frame, Pressure Shaft and Drag Bar Hanger	4 & 5
Drag Bar, Trip and Pressure Rod Assemblies	6 & 7
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Flexible Grain Tube Lengths and Drag Bar Covers	9
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Right Seed Box and Braces	12 & 13
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4" x 8" x 20 1/4" Cylinder	38
3 1/2" x 8" x 20 1/4" Cylinder	39

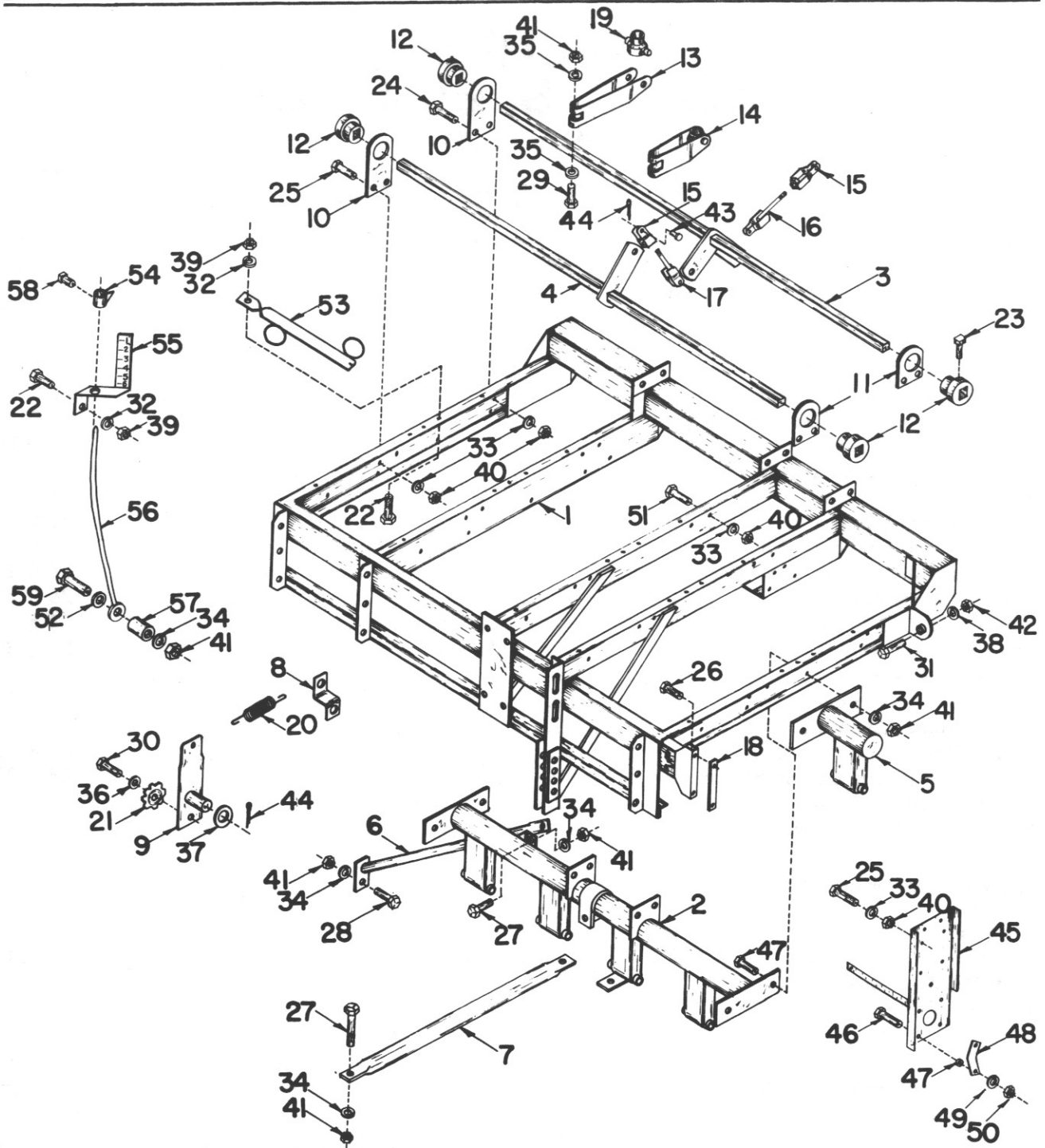
Optional Equipment

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IMPORTANT

All parts are identified with an item number. Some of the smaller parts such as bolts, nuts, washers, etc., are not all shown, however the quantity used is listed in the text for that section which they fit into. That particular quantity is always the quantity required for one complete assembly.

Smaller parts which are welded together to construct a larger part, are not to be ordered as individual pieces, unless they have a part number to identify them

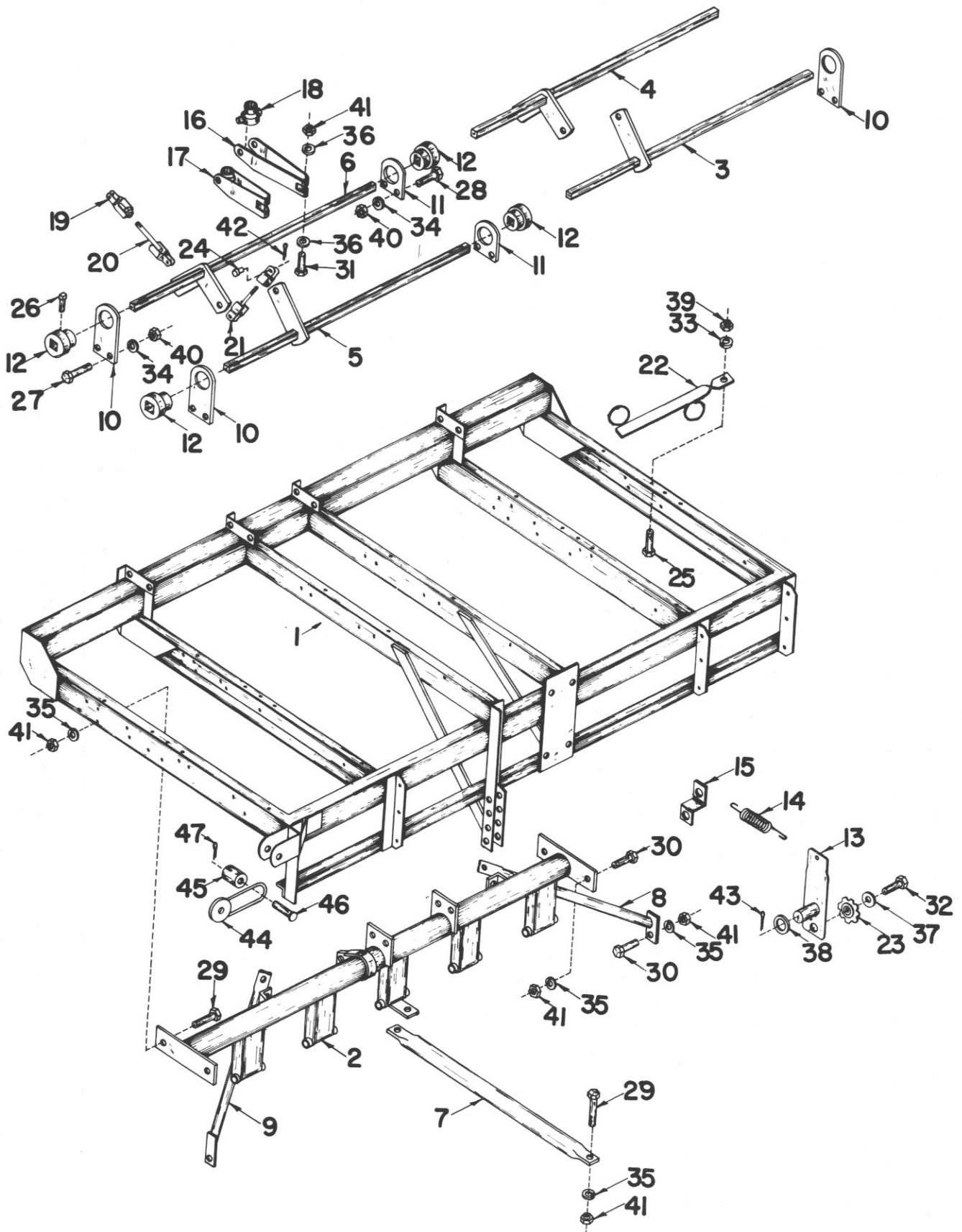


Item	Part No.	Description	No. Used
1	S-1025	Right Drill Frame	1
2	S-998	Right Drag Bar Hanger	1
3	S-1004	Right Rear Pressure Shaft	1
4	S-1003	Right Front Pressure Shaft	1
5	S-1000	Stub Drag Bar Hanger	1
6	S-1264	Right Brace — Drag Bar Hanger to Axle Plate	1
7	S-1156	Tubular Brace — Frame to Drag Bar	1
8	S-1045	Spring Clip — Chain Tightener	1

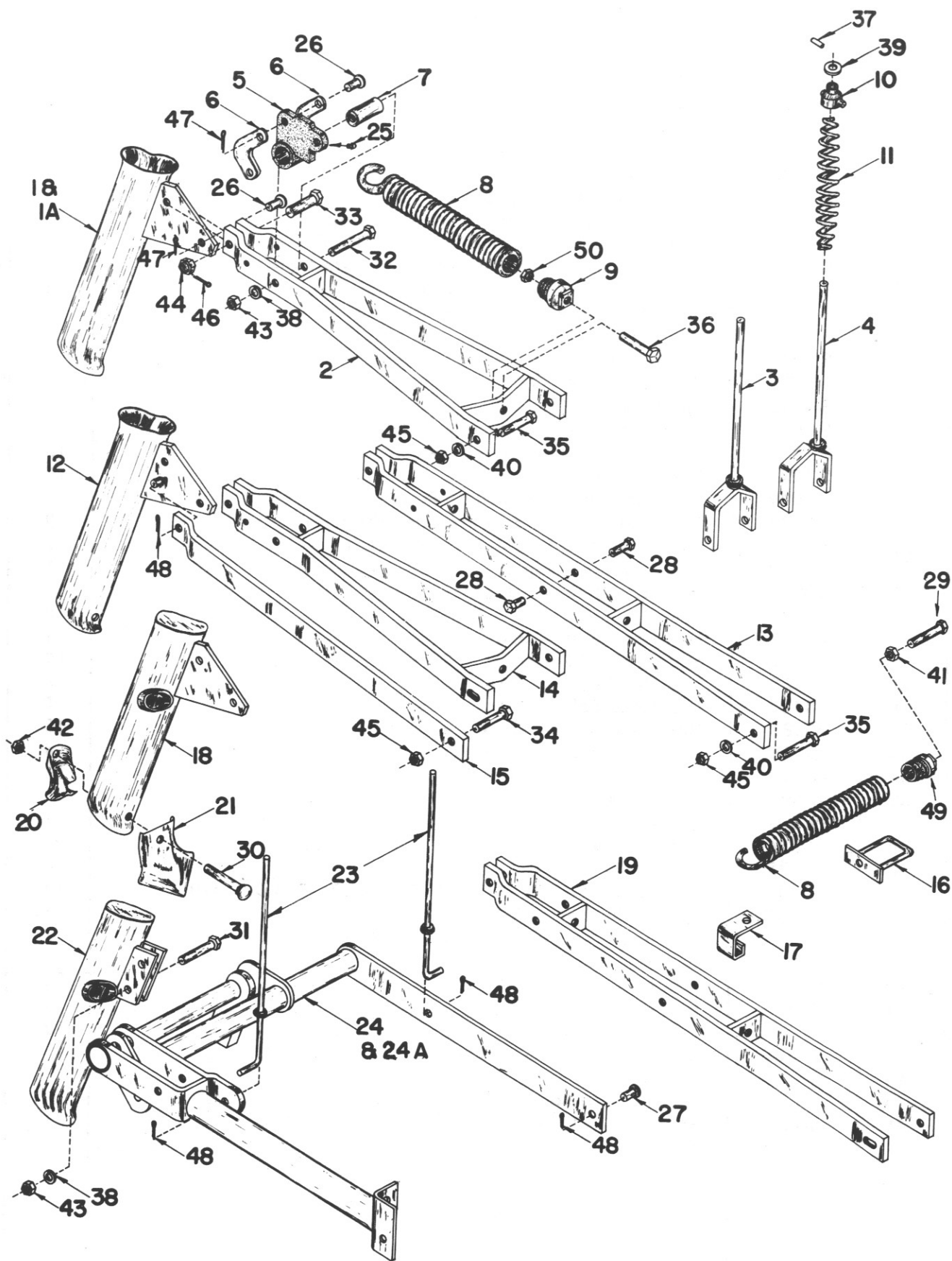
RIGHT DRILL FRAME, PRESSURE SHAFT AND DRAGBAR HANGER

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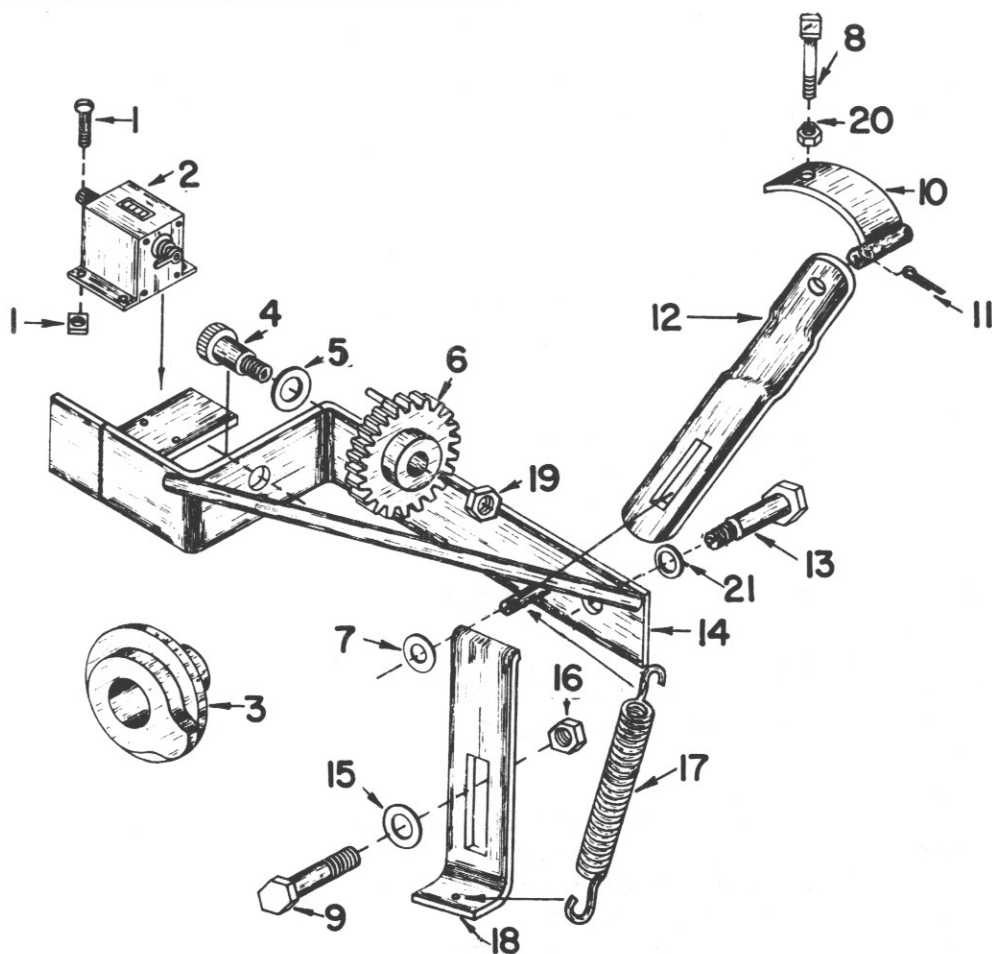
Item	Part No.	Description	No. Used
9	S-1046	Chain Tightener Bracket	1
10	S-34	Long Bearing Plate — Pressure Shaft	6
11	S-33	Short Bearing Plate — Pressure shaft	4
12	S-11	Bearing Casting — Pressure Shaft	10
13	S-1013	Long Pressure Arm (Incl. Item 19)	6
14	S-1258	Short Pressure Arm (Incl. Item 19)	7
15	S-1049	Adjusting End — Adjusting Rod	2
16	S-1048	Short Adjusting Rod — Pressure Shaft	1
17	S-1047	Long Adjusting Rod — Pressure Shaft	1
18	S-1052	Wear Plate	1
19	S-1231	Pressure Arm Casting	13
20	W-106	Spring — 9/16" O.D. x 4"	1
21	BW-3	Idler Sprocket — 9 Tooth	1
22	W-475	Hex Head Bolt — 3/8" x 1"	2
23	S-755	Square Head Setscrew — 7/16" x 1"	10
24	W-483	Hex Head Bolt — 7/16" x 1 1/4"	4
25	S-482	Hex Head Bolt — 7/16" x 1"	20
26	S-1188	Hex Head Bolt — 1/2" x 3/4"	2
27	W-485	Hex Head Bolt — 1/2" x 1 1/4"	2
28	W-486	Hex Head Bolt — 1/2" x 1 1/2"	1
29	W-492	Hex Head Bolt — 1/2" x 3"	13
30	W-497	Hex Head Bolt — 5/8" x 1 1/2"	1
31	S-1191	Hex Head Bolt — 3/4" x 5"	1
32	W-523	Lockwasher — 3/8"	2
33	W-524	Lockwasher — 7/16"	26
34	W-525	Lockwasher — 1/2"	6
35	S-751	Machinery Washer — 1-1/8" O.D. x 17/32 I.D. x 1/8"	26
36	S-1090	Spacer Washer — 5/8"	1
37	S-543	Machinery Washer — 3/4" I.D. x 14 GA.	1
38	W-527	Lockwasher — 3/4"	1
39	W-514	Hex Nut — 3/8"	2
40	W-515	Hex Nut — 7/16"	26
41	W-516	Hex Nut — 1/2"	19
42	W-518	Hex Nut — 1/4"	1
43	W-80	Clevis Pin — 5/8" x 1-7/16"	4
44	S-531	Cotter Pin — 3/16" x 1"	4
45	S-1174	Inner Carrier Plate	1
46	W-502	Hex Head Bolt — 5/8" x 2 3/4"	2
47	S-1130	Spacer	2
48	S-1220	Hold on Strap	1
49	W-526	Lockwasher — 5/8"	2
50	W-517	Hex Nut — 5/8"	2
51	S-1162	Hex Head Bolt — 7/16" x 1 1/2"	2
52	W-539	Plain Washer — 1/2"	1
53	S-1173	Double Ring Guide	1
54	S-320	Depth Gauge Pointer	1
55	S-1161	Depth Gauge Bracket	1
56	S-324	Depth Gauge Rod	1
57	S-340	Bushing	1
58	S-753	Set Screw — 5/16" x 1/2"	1
59	W-494	Hex Head Bolt — 1/2" x 3 3/4"	1



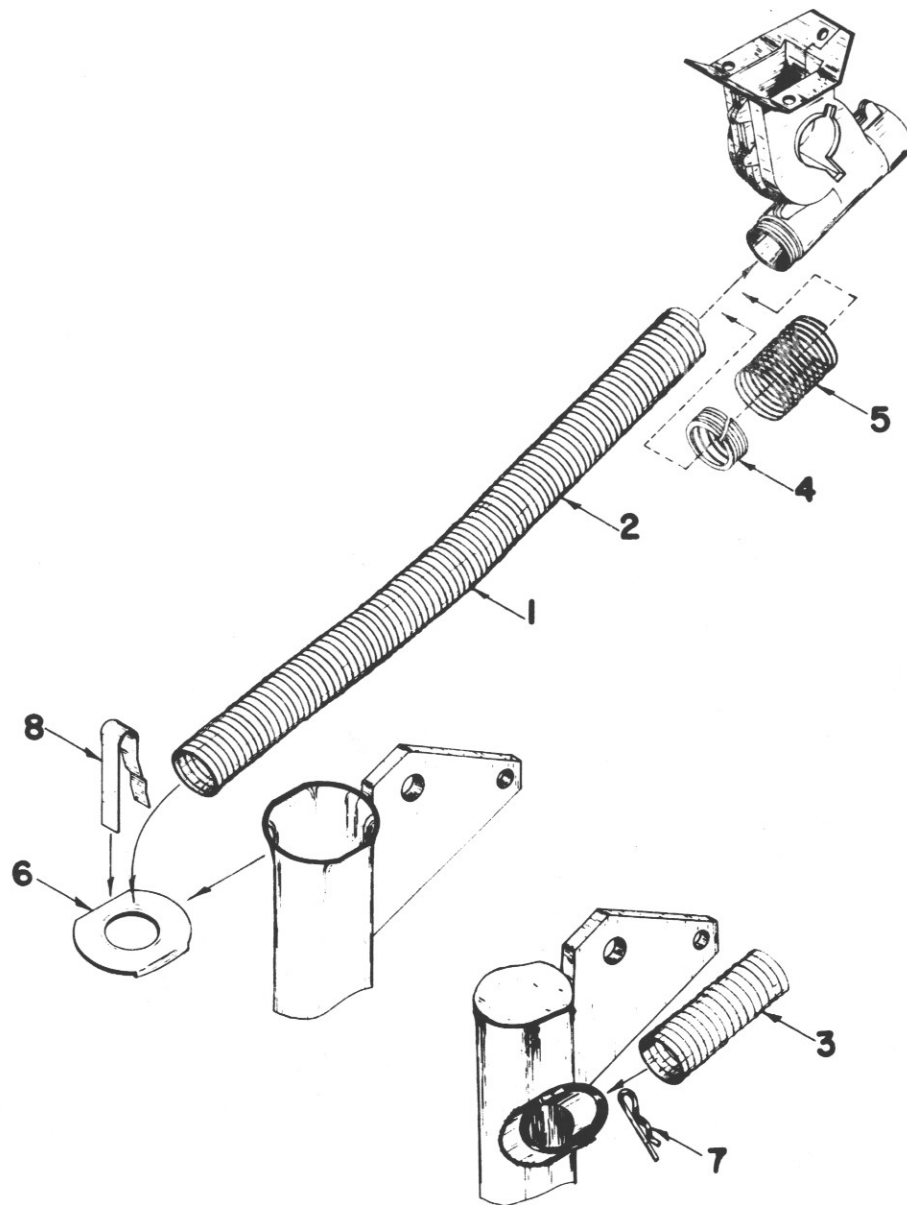
Item	Part No.	Description	No. Used
1	S-1026	Left Drill Frame	1
2	S-999	Left Drag Bar Hanger	1
3	S-1005	Left Front Pressure Shaft	1
4	S-1006	Left Rear Pressure Shaft	1
5	S-1007	Centre Front Pressure Shaft	1
6	S-1008	Centre Rear Pressure Shaft	1
7	S-1156	Tubular Brace — Frame to Drag Bar Hanger	1
8	S-1265	Left Brace — Drag Bar Hanger to Axle Plate	1
9	S-1264	Right Brace — Drag Bar Hanger to Axle Plate	1
10	S-34	Long Bearing Plate — Pressure Shaft	8
11	S-33	Short Bearing Plate — Pressure Shaft	4
12	S-11	Bearing Casting — Pressure Shaft	12
13	S-1046	Chain Tightener Bracket	1
14	W-106	Spring — 9/16" O.D. x 4"	1
15	S-1045	Spring Clip — Chain Tightener	1
16	S-1013	Long Pressure Arm (Incl. Item 18)	7
17	S-1258	Short Pressure Arm (Incl. Item 18)	10
18	S-1231	Pressure Arm Casting	17
19	S-1049	Adjusting End — Adjusting Rod	4
20	S-1048	Short Adjusting Rod — Pressure Shaft	2
21	S-1047	Long Adjusting Rod — Pressure Shaft	2
22	S-1173	Double Ring Guide	1
23	BW-3	Idler Sprocket — 9 Tooth	1
24	W-80	Clevis Pin — 5/8" x 1-7/16"	8
25	W-475	Hex Head Bolt — 3/8" x 1"	1
26	S-755	Square Head Setscrew — 7/16" x 1"	12
27	W-483	Hex Head Bolt — 7/16" x 1 1/4"	16
28	S-1162	Hex Head Bolt — 7/16" x 1 1/2"	8
29	W-485	Hex Head Bolt — 1/2" x 1 1/4"	10
30	W-486	Hex Head Bolt — 1/2" x 1 1/2"	4
31	W-492	Hex Head Bolt — 1/2" x 3"	17
32	W-497	Hex Head Bolt — 5/8" x 1 1/2"	1
33	W-523	Lockwasher — 3/8"	1
34	W-524	Lockwasher — 7/16"	24
35	W-525	Lockwasher — 1/2"	14
36	S-751	Machinery Washer — 1-1/8" O.D. x 17/32" I.D. x 1/8"	34
37	S-1090	Spacer Washer — 5/8" I.D.	1
38	S-543	Machinery Washer — 3/4" I.D. x 14 GA.	1
39	W-514	Hex Nut — 3/8"	1
40	W-515	Hex Nut — 7/16"	24
41	W-516	Hex Nut — 1/2"	14
42	S-531	Cotter Pin — 3/16" x 1"	8
43	W-532	Cotter Pin — 3/16" x 1 1/4"	1
44	S-1274	Stop Bracket — Tie Bar	1
45	S-1278	Roller — Tie Bar	1
46	S-1273	Pivot Pin — Tie Bar	1
47	W-535	Cotter Pin — 1/4" x 1 1/2"	1



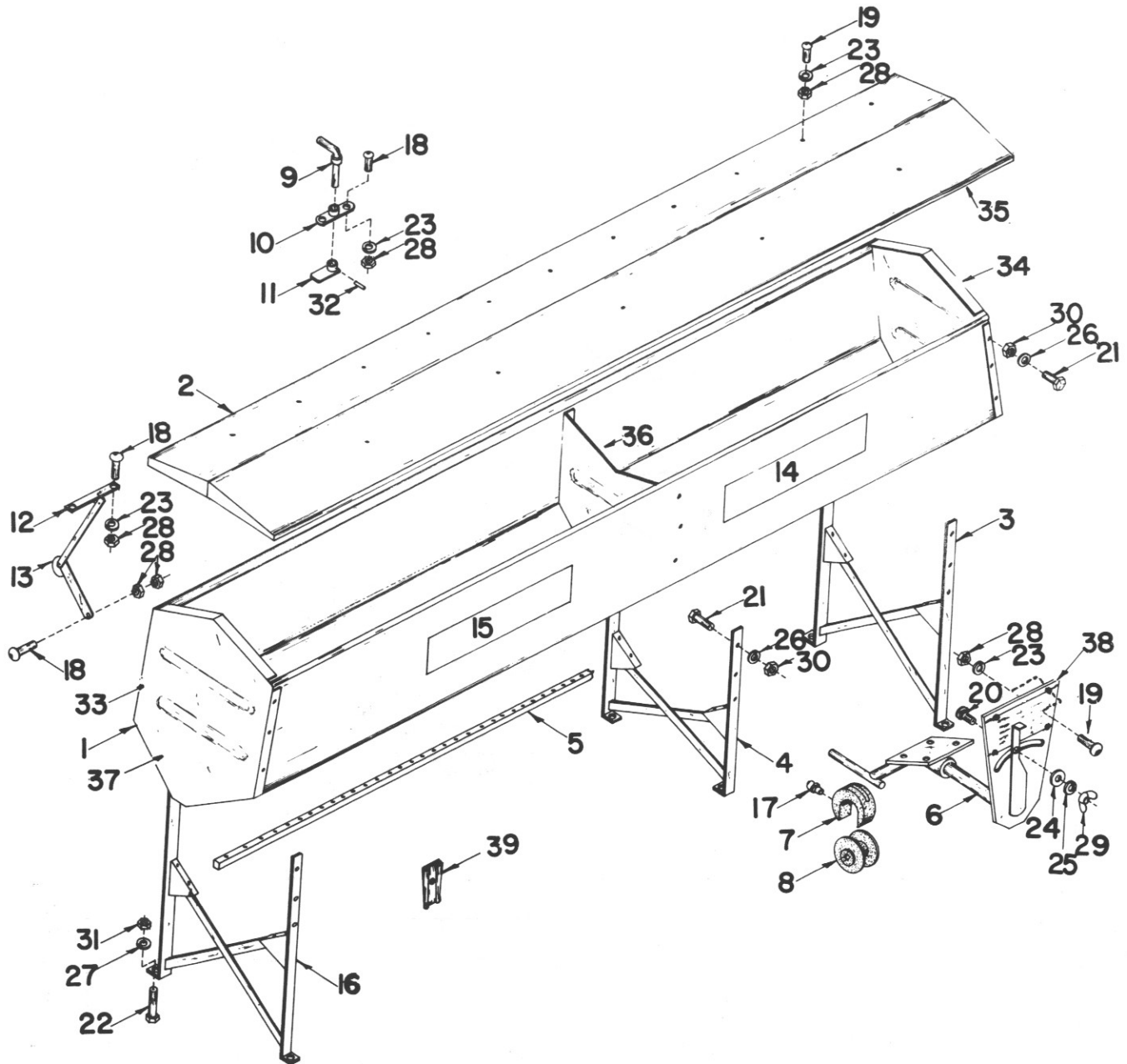
Item	Part No.	Description	No. Used
1	S-1080	Grain Tube Standard (Short Drag Bar)	10
1A	S-1081	Grain Tube Standard (Long Drag Bar)	7
2	S-1041	Short Drag Bar	10
3	S-1078	Regular Pressure Rod	18
4	S-1261	Offset Pressure Rod	6
5	S-17	Trip Rocker	27
6	M-800	Connecting Strap (Replaces S-118)	54
7	S-135	Bushing — Trip Rocker	27
8	V-339	Trip Spring Only	30
9	V-3262	Nylon Plug for Spring (Incl. Item 50)	27
10	S-1231	Pressure Rod Casting	27
11	S-1069	Pressure Rod Spring	30
12	S-1136	Grain Tube (For Slotted Drag Bar)	3
13	S-1040	Long Drag Bar	8
14	S-1186	Short Side Kicker Drag Bar	3
15	S-1105	Pull Away Strap (Side Kicker)	3
16	S-1795	Bracket	3
17	S-1796	Clip	3
18	S-1797	Grain Tube Standard (Rear Row)	4
19	S-1798	Long Side Kicker Drag Bar	3
20	S-1183	Deflector	27
21	S-996	Sweep	27
22	S-1077	Grain Tube Standard (Behind Wheel)	3
23	S-1079	L-Shaped Pressure Rod	6
24	S-1053	Right Special Drag Bar	2
24A	S-1054	Left Special Drag Bar	1
25	S-752	Grease Nipple — 1/4" Straight	27
26	BW-8	Clevis Pin — 1/2" x 1 1/4"	54
27	W-80	Clevis Pin — 5/8" x 1-7/16"	6
28	S-101	Shoulder Bolt — 3/8" x 1-132"	48
29	C-1823	Hex Head Bolt — 1/2" x 3" (Full Thread)	3
30	S-89	Sweep Bolts — 3/8" x 3 1/2" (Incl. Item 42)	27
31	W-488	Hex Head Bolt — 1/2" x 2"	6
32	W-493	Hex Head Bolt — 1/2" x 3"	27
33	S-144	Hex Head Bolt — 5/8" x 2"	24
34	S-1360	Hex Head Bolt — 5/8" x 6 3/4"	1
35	S-1190	Hex Head Bolt — 5/8" x 7-3/8"	24
36	W-1854	Hex Head Bolt - 3/8" x 3"	27
37	S-3001	Spiral Pin - 3/16" x 1"	45
38	W-525	Lockwasher — 1/2"	33
39	S-243	Machinery Washer — 1-1/8" O.D. x 17/32" I.D. x 1/8"	30
40	W-526	Lockwasher — 5/8"	24
41	S-1292	Jam Nut — 1/2"	3
42	W-514	Hex Nut — 3/8"	27
43	W-516	Hex Nut — 1/2"	33
44	S-749	Slotted Nut — 5/8"	24
45	S-1291	Clevaloc Nut — 5/8" (Thin)	3
46	W-528	Cotter Pin — 1/8" x 1"	24
47	W-907	Cotter Pin — 5/32" x 1/4"	54
48	S-531	Cotter Pin - 3/16" x 1"	6
49	V-338	Cast Plug	3
50	M-3388	Double Locking Nut - 3/8"	27
	V-3465	Spring and Plug Assembly (Incl. Items 8 & 9)	



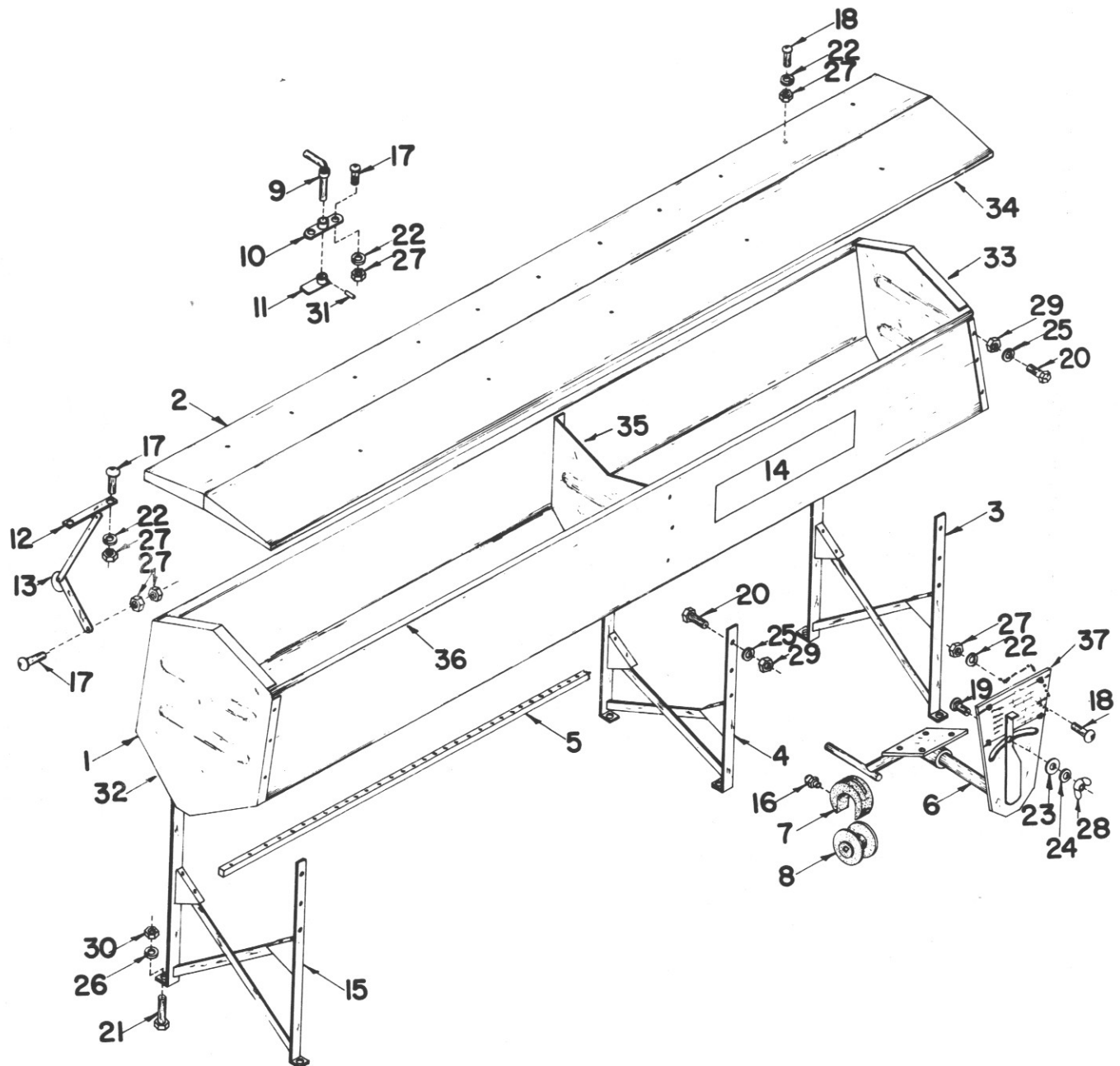
Item	Part No.	Description	No. Used
1	S-743	Stove Bolt — 1/8" x 1/2"	4
2	S-88	Tally Counter	1
3	S-1918	Tally Worm	1
4	S-103	Shoulder Bolt	1
5	S-1921	Special Washer — (Thin)	1
6	S-855	Tally Gear — 17 Tooth	1
7	W-538	Plain Washer - 3/8"	1
8	S-1919	Square Head Set Screw	1
9	W-483	Hex Head Bolt — 7/16" x 1 1/4"	1
10	S-1870	Lift Arm Bracket	1
11	W-907	Cotter Pin — 5/32" x 3/4"	1
12	S-1873	Lift Arm	1
13	S-101	Shoulder Bolt — 3/8" x 1-1/32"	1
14	S-1871	Tally Bracket	1
15	W-524	Lockwasher — 7/16"	1
16	W-515	Hex Nut — 7/16"	2
17	W-106	Spring — 9/16" x 4"	1
18	S-1872	Stop and Spring Lug	1
19	W-514	Hex Nut — 3/8"	1
20	S-1920	Jam Nut — 7/16"	1
21	S-3782	Spacer	1



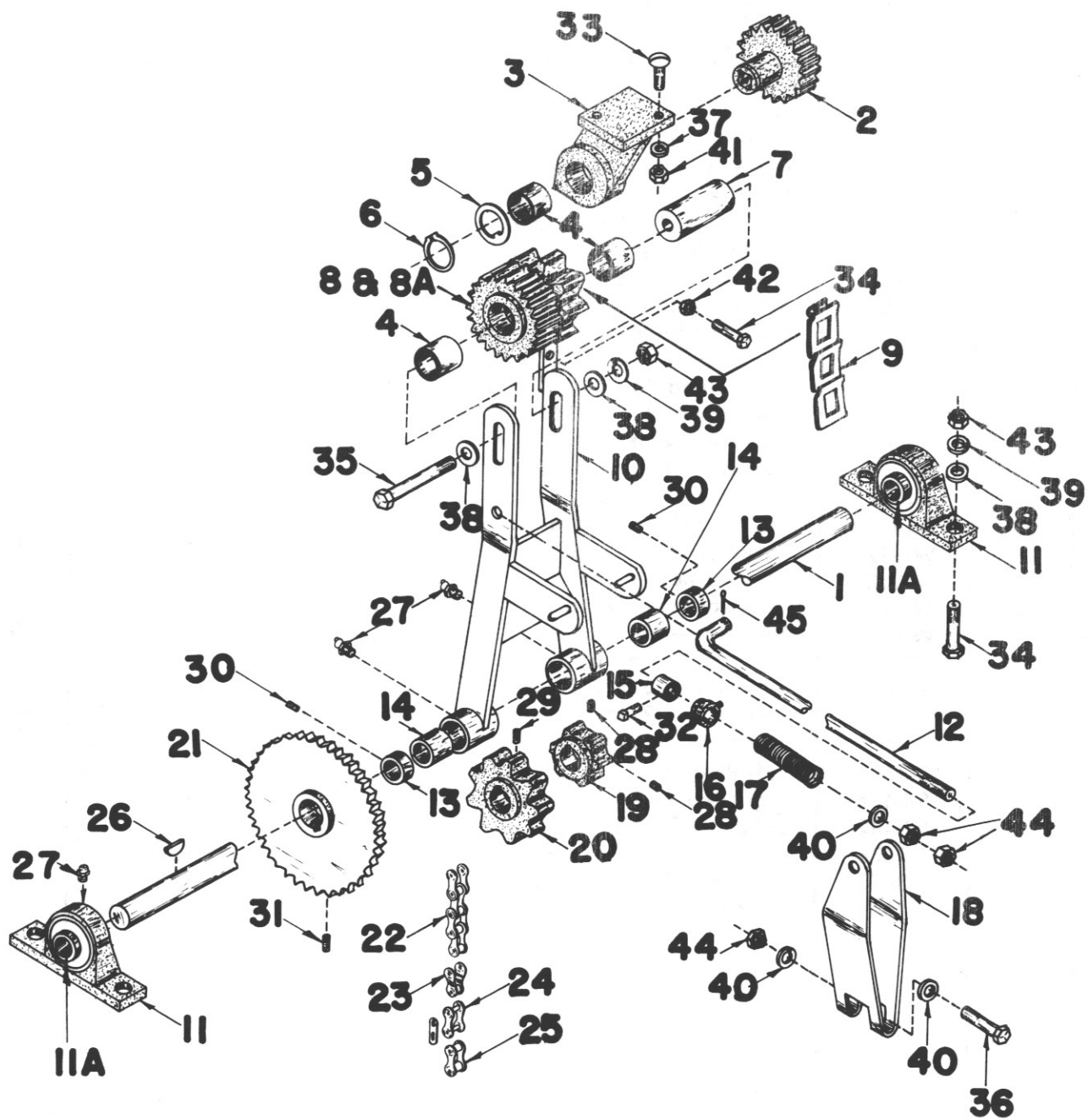
Item	Part No.	Description	No. Used
1	S-3077	Flexible Grain Tube — 38"	13
2	S-84	Flexible Grain Tube — 34"	7
3	S-3078	Flexible Grain Tube — 53"	7
4	S-3137	Spring Retainer	13
5	S-3136	Retraction Spring (2 Half Pieces)	13
6	S-1159	Grain Tube Cover W/Hole	20
7	W-131	Hair Pin — .148"	7
8	S-3082	Spring Clip	6
	S-3053	Bulk Flexible Grain Tube Hose (1 FT)	Asreq'd



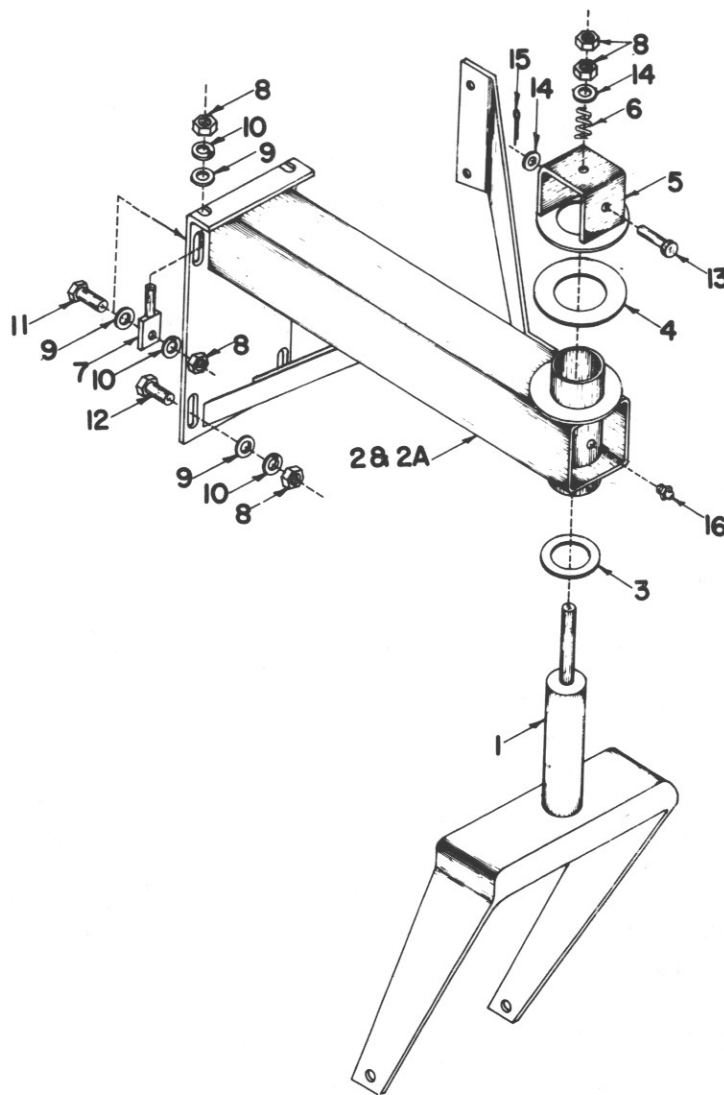
Item	Part No.	Description	No. Used
1	S-1780	Left Seed Box - Assembly (Includes (#33, 34, 35, 36, & 37) ..	1
2	S-1181	Seed Box Lid - Assembly (Includes #35)	1
3	S-1084	Right Box Brace	1
4	S-1085	Centre Box Brace	1
5	S-3243	Left Feed Shaft	1
6	S-1288	Seed Setting Assembly	1
7	S-14	Shift Collar	1
8	S-13	Shift Spool	1
9	S-3756	Latch Handle	1
10	S-3758	Latch Mounting Plate	1
11	S-3757	Latch	1
12	S-1149	Bracket — Folding Brace	1
13	S-1148	Folding Brace	1
14	S-1297	"80-18" Decal	1
15	S-1295	"Morris" Decal	1
16	S-1083	Right Box Brace	1
17	S-752	Grease Nipple — $\frac{1}{4}$ " Straight	1
18	S-1193	Truss Head Bolt — $\frac{1}{4}$ " x $\frac{3}{4}$ "	17
19	S-744	Truss Head Bolt — $\frac{1}{4}$ " x $\frac{1}{2}$ "	30
20	S-745	Carrier Bolt — $\frac{5}{16}$ " x $1\frac{1}{4}$ "	1
21	W-475	Hex Head Bolt — $\frac{3}{8}$ " x 1"	18
22	S-1162	Hex Head Bolt — $\frac{7}{16}$ " x $1\frac{1}{2}$ "	6
23	W-521	Lockwasher — $\frac{1}{4}$ "	30
24	S-1199	Plain Washer — $\frac{5}{16}$ "	1
25	W-522	Lockwasher — $\frac{5}{16}$ "	1
26	W-523	Lockwasher — $\frac{3}{8}$ "	18
27	W-524	Lockwasher — $\frac{7}{16}$ "	6
28	W-512	Hex Nut — $\frac{1}{4}$ "	47
29	S-747	Wing Nut — $\frac{5}{16}$ "	1
30	W-514	Hex Nut — $\frac{3}{8}$ "	18
31	W-515	Hex Nut — $\frac{7}{16}$ "	6
32	S-3001	Spiral Pin — $\frac{3}{16}$ " x 1"	1
33	S-3475	Left Box End	1
34	S-3474	Right Box End	1
35	S-3483	Lid Reinforcement	1
36	S-3476	Box Divider	1
37	S-3481	Seed Box Only	1
38	S-764	Indicator Plate	1
39	W-1558	Sign Bracket	1



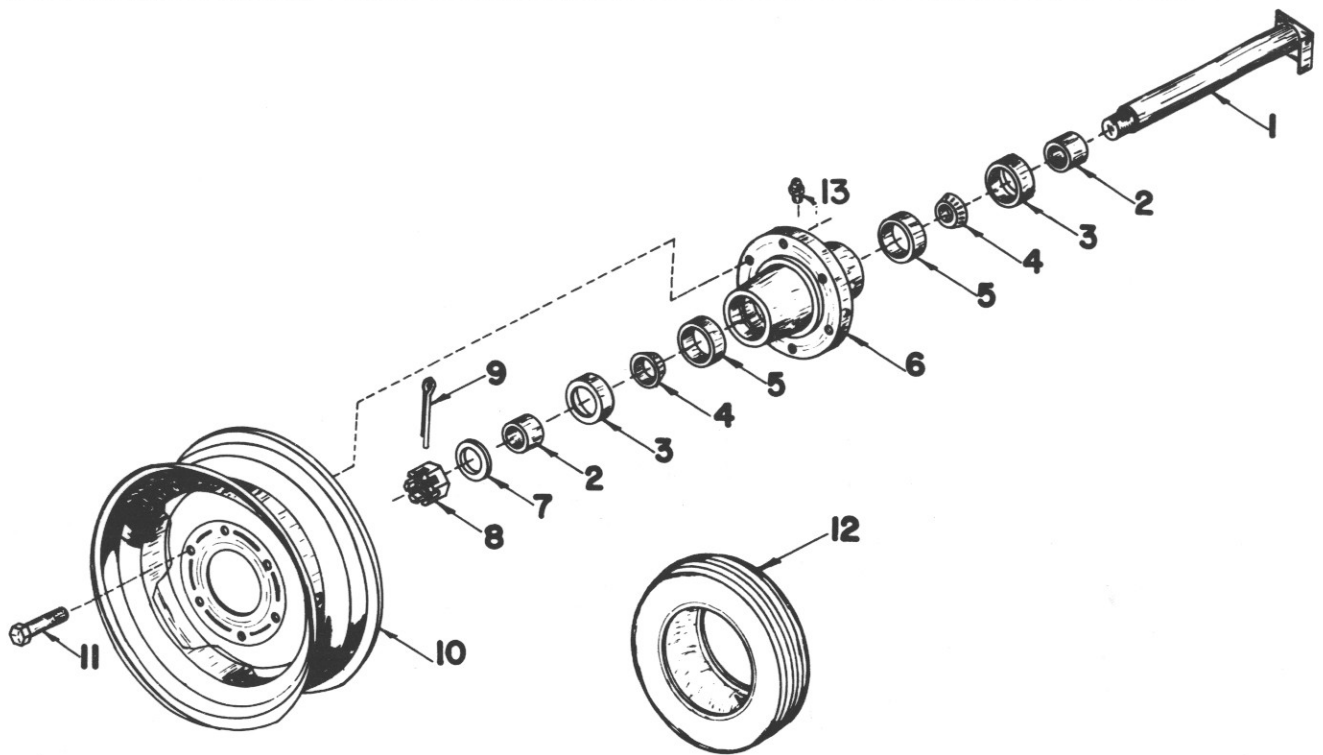
Item	Part No.	Description	No. Used
1	S-1779	Right Seed Box - Assembly (Includes #33, 34, 35 & 36)	1
2	S-1180	Seed Box Lid - Assembly (Includes 34)	1
3	S-1084	Left Box Brace	1
4	S-1085	Centre Box Brace	1
5	S-3242	Right Feed Shaft	1
6	S-1288	Seed Setting Assembly	1
7	S-14	Shift Collar	1
8	S-13	Shift Spool	1
9	S-3756	Latch Handle	1
10	S-3758	Latch Mounting Plate	1
11	S-3757	Latch	1
12	S-1149	Bracket — Folding Brace	1
13	S-1148	Folding Brace	1
14	S-1296	"Seed-Rite" Decal	1
15	S-1082	Right Box Brace	1
16	S-752	Grease Nipple — 1/4" Straight	1
17	S-1193	Truss Head Bolt — 1/4" x 3/4"	17
18	S-744	Truss Head Bolt — 1/4" x 1/2"	30
19	S-745	Carriage Bolt — 5/16" x 1 1/4"	1
20	W-475	Hex Head Bolt — 3/8" x 1	18
21	S-1162	Hex Head Bolt — 7/16" x 1 1/2"	6
22	W-521	Lockwasher — 1/4"	30
23	S-1199	Plain Washer — 5/16"	1
24	W-522	Lockwasher — 5/16"	1
25	W-523	Lockwasher — 3/8"	18
26	W-524	Lockwasher — 7/16"	6
27	W-512	Hex Nut — 1/4"	47
28	S-747	Wing Nut — 5/16"	1
29	W-514	Hex Nut — 3/8"	18
30	W-515	Hex Nut — 7/16"	6
31	S-3001	Spiral Pin — 3/16" x 1"	1
32	S-3475	Left Box End	1
33	S-3474	Right Box End	1
34	S-3482	Lid Reinforcement	1
35	S-3476	Box Divider	1
36	S-3480	Seed Box Only	1
37	S-764	Indicator Plate	1



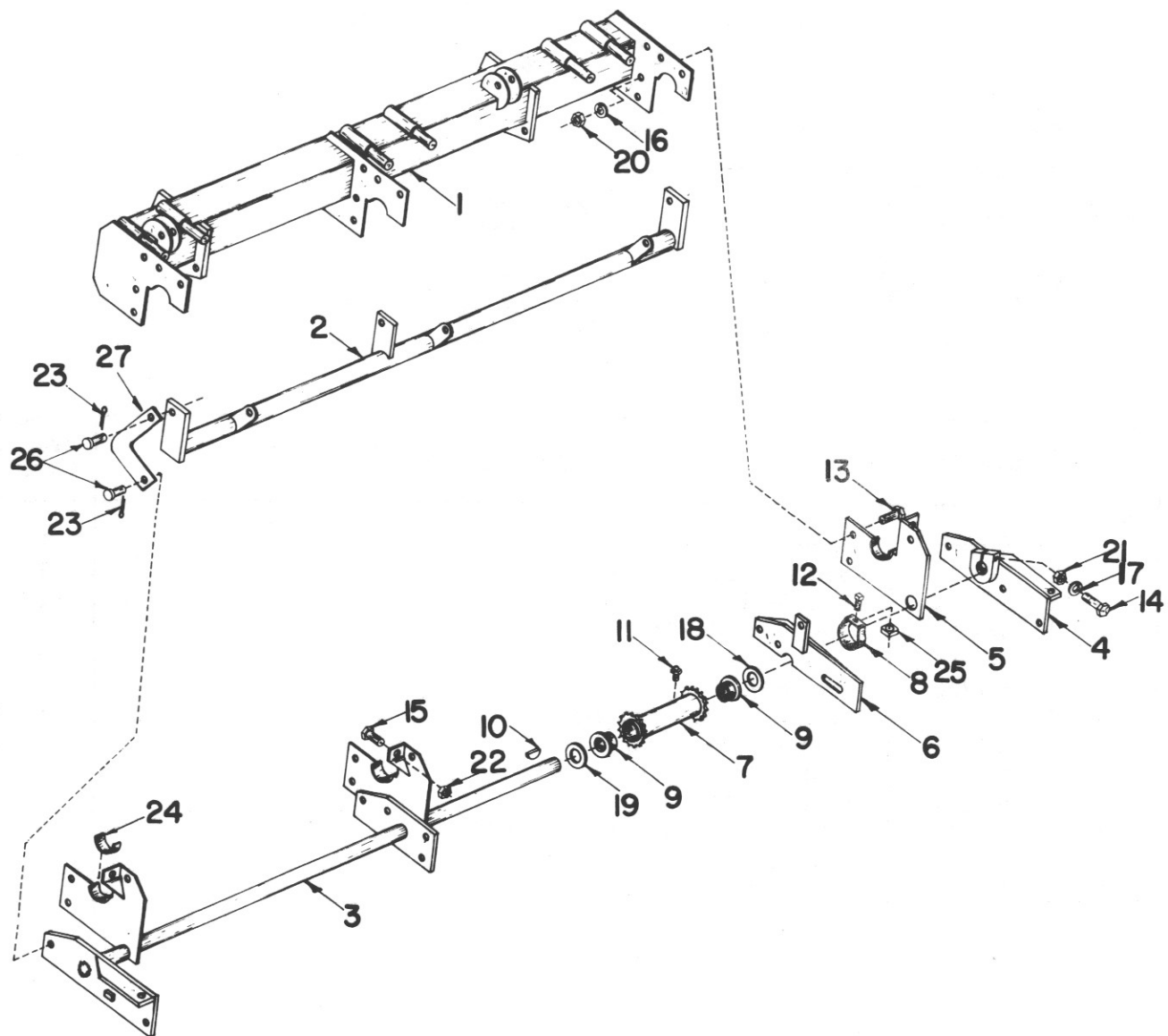
Item	Part No.	Description	No. Used
1	S-1044	Jackshaft — 1" Diameter.....	2
2	S-114	Feed Shaft Gear.....	2
3	S-115	Bearing Bracket on Feed Shaft (Incl. Item 4).....	2
4	S-142	Bushing for Casting.....	6
5	S-246	Washer.....	2
6	S-104	Snap Ring.....	2
7	S-137	Bushing for S-113 Axle.....	2
8	S-113	9 Tooth Sprocket, 21 Tooth Gear (Incl. 2 of Item 4).....	2
8A	S-116	11 Tooth Sprocket, 14 Tooth Gear (Incl. 2 of Item 4).....	2
9	S-1095	Chain — #51, 28 Link.....	2
10	S-1043	Feed Release Bracket (Incl. 2 of Item 14).....	2
11	S-91	Pillow Block Bearing Assembly (Incl. Item 11A).....	4
11A	S-774	Bearing Insert.....	4
12	S-1042	Feed Release Rod.....	2
13	BW-119	Collar.....	4
14	S-141	Feed Release Bracket Bushing.....	4
15	S-140	Rod Collar.....	2
16	S-1231	Swivel Casting.....	2
17	S-1257	Spring — 7¼" Long.....	2
18	S-60	Feed Release Arm.....	2
19	S-317	6 Tooth Sprocket.....	2
20	S-112	9 Tooth Sprocket.....	2
21	S-93	40 Tooth Sprocket.....	2
22	S-1067	Chain — 1¼" Pitch, 56 Link.....	2
23	BW-15	Offset Link 2050.....	As Req'd
24	BW-14	Connector Link 2050.....	2
25	BW-16	Roller Link.....	As Req'd
26	S-239	Woodruff Key — ¼" x 7/8".....	4
27	S-752	Grease Nipple — ¼" Straight.....	8
28	S-1202	Allan Set Screw — ¼" x ¼".....	4
29	S-757	Allan Set Screw — ¼" x ½".....	4
30	W-554	Allan Set Screw — 5/16" x 5/16".....	4
31	S-1203	Allan Set Screw — 5/16" x ½".....	2
32	S-753	Square Head Set Screw — 5/16" x ½".....	2
33	S-746	Truss Head Bolt — 5/16" x ¾".....	4
34	W-477	Hex Head Bolt - 3/8" x 1½".....	4
35	W-481	Hex Head Bolt — 3/8" x 3½".....	2
36	W-492	Hex Head Bolt — ½" x 3".....	2
37	W-522	Lockwasher — 5/16".....	4
38	W-538	Plain Washer — 3/8".....	12
39	W-523	Lockwasher — 3/8".....	10
40	S-751	Machinery Washer — 17/32" I.D. x 1-1/8" O.D.....	6
41	W-513	Hex Nut — 5/16".....	4
42	S-748	Jam Nut — 3/8".....	2
43	W-514	Hex Nut — 3/8".....	10
44	W-516	Hex Nut — ½".....	6
45	W-530	Cotter Pin — 5/32" x 1".....	2



Item	Part No.	Description	No. Used
1	S-1022	Castor Fork	2
2	S-1017	Right Castor Wheel Bracket.....	1
2A	S-1018	Left Castor Wheel Bracket.....	1
3	S-1155	Machinery Washer — 3" O.D. x 2" I.D.	2
4	S-1217	Friction Disc — 4 ³ / ₄ " O.D. x 2 ¹ / ₂ " I.D. x 1/8"	2
5	S-1016	Castor Wheel Brake	2
6	W-342	Spring.....	2
7	S-1020	Eye Bolt	4
8	W-516	Hex Nut — 1/2"	18
9	S-751	Machinery Washer — 1-1/8" O.D. x 17/32" I.D. x 1/8"	12
10	W-525	Lockwasher — 1/2"	12
11	W-488	Hex Head Bolt — 1/2" x 2"	4
12	W-486	Hex Head Bolt — 1/2" x 1 1/2"	8
13	S-1019	Pivot Pin — 9/16" x 4 1/2"	2
14	W-539	Plain Washer — 1/2" USS.....	4
15	S-531	Cotter Pin — 3/16" x 1"	2
16	S-752	Grease Nipple — 1/4" Straight.....	2



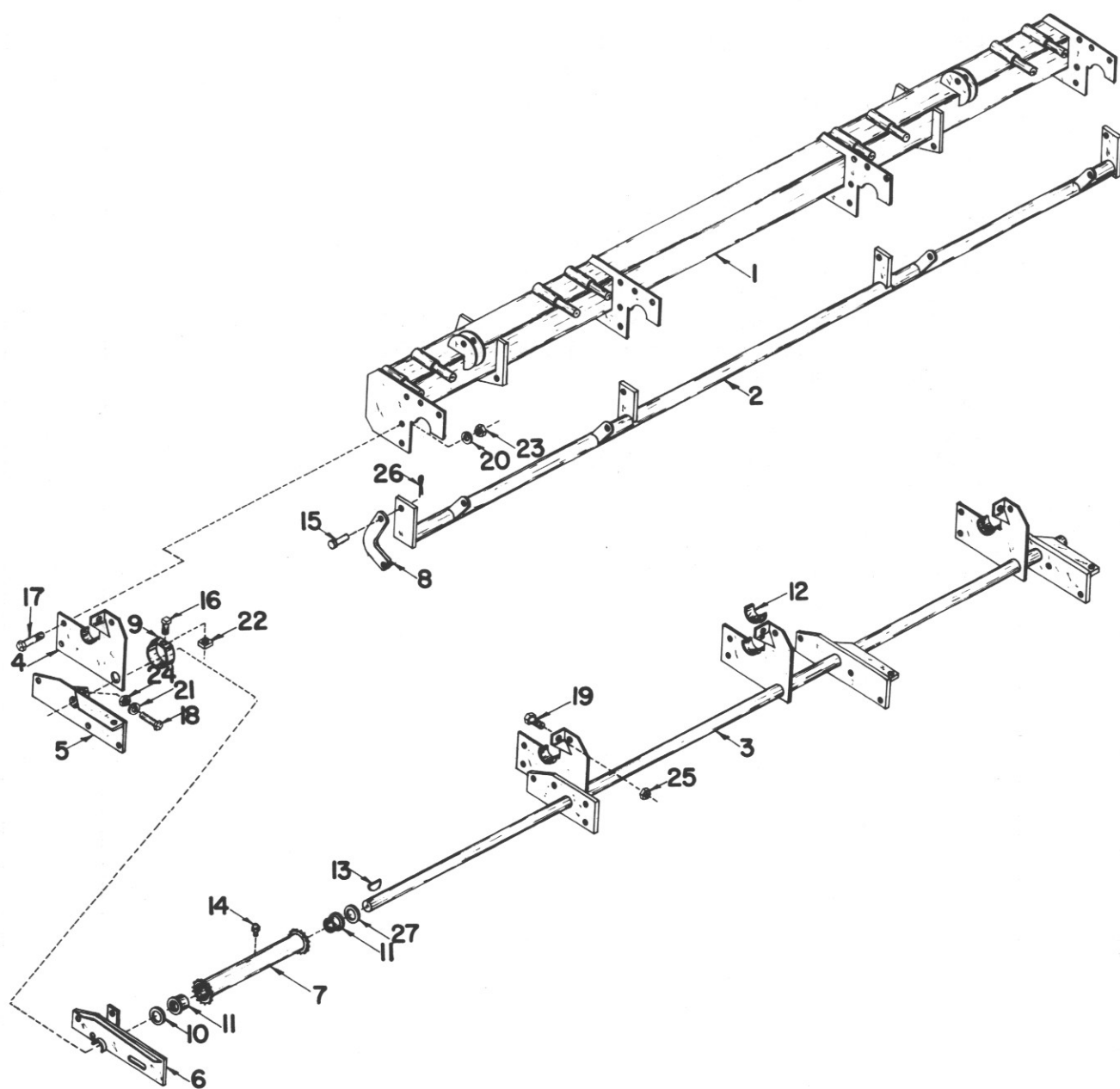
Item	Part No.	Description	No. Used
1	S-1023	Axle (Castor Wheel)	1
2	S-1024	Spacer (Castor Wheel)	2
3	S-1286	Dust Seal	2
4	W-89	Bearing (LM67048)	2
5	W-90	Cup (LM67010)	2
6	S-1206	6 Hole Hub	1
7	S-1050	Washer (Castor Wheel)	1
8	S-1311	Slotted Nut — 1" Sae	1
9	W-532	Cotter Pin — 3/16" x 1 1/4"	1
10	S-1207	Wheel — 15" - 6 Hole	1
11	W-1383	Wheel Stud Bolt — 9/16" x 1-11/16"	6
12	C-738	Tire & Tube — 7.60" x 15" - 4 Ply	1
13	S-752	Grease Nipple — 1/4" Straight	1



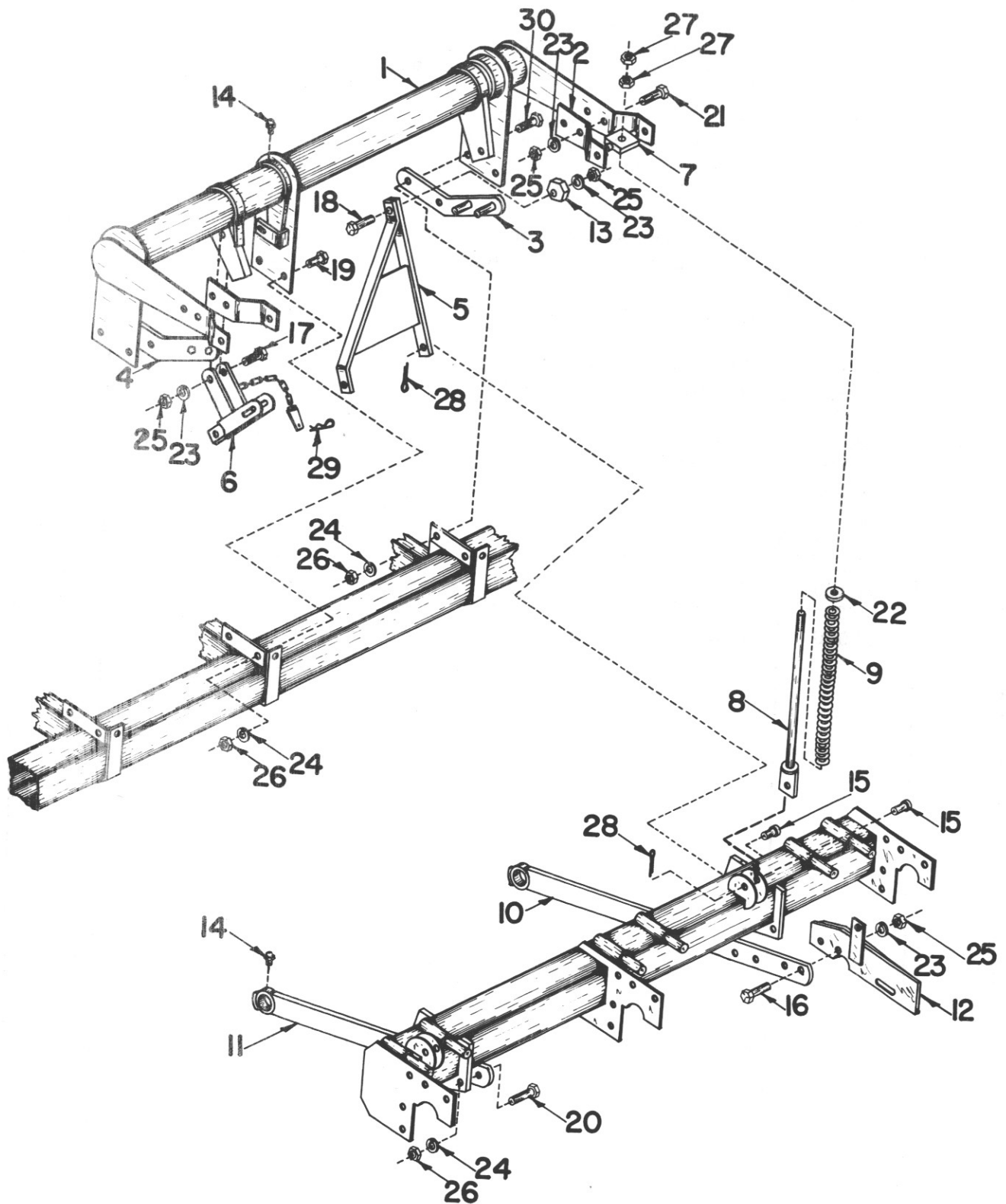
RIGHT WEEDER FRAME

19

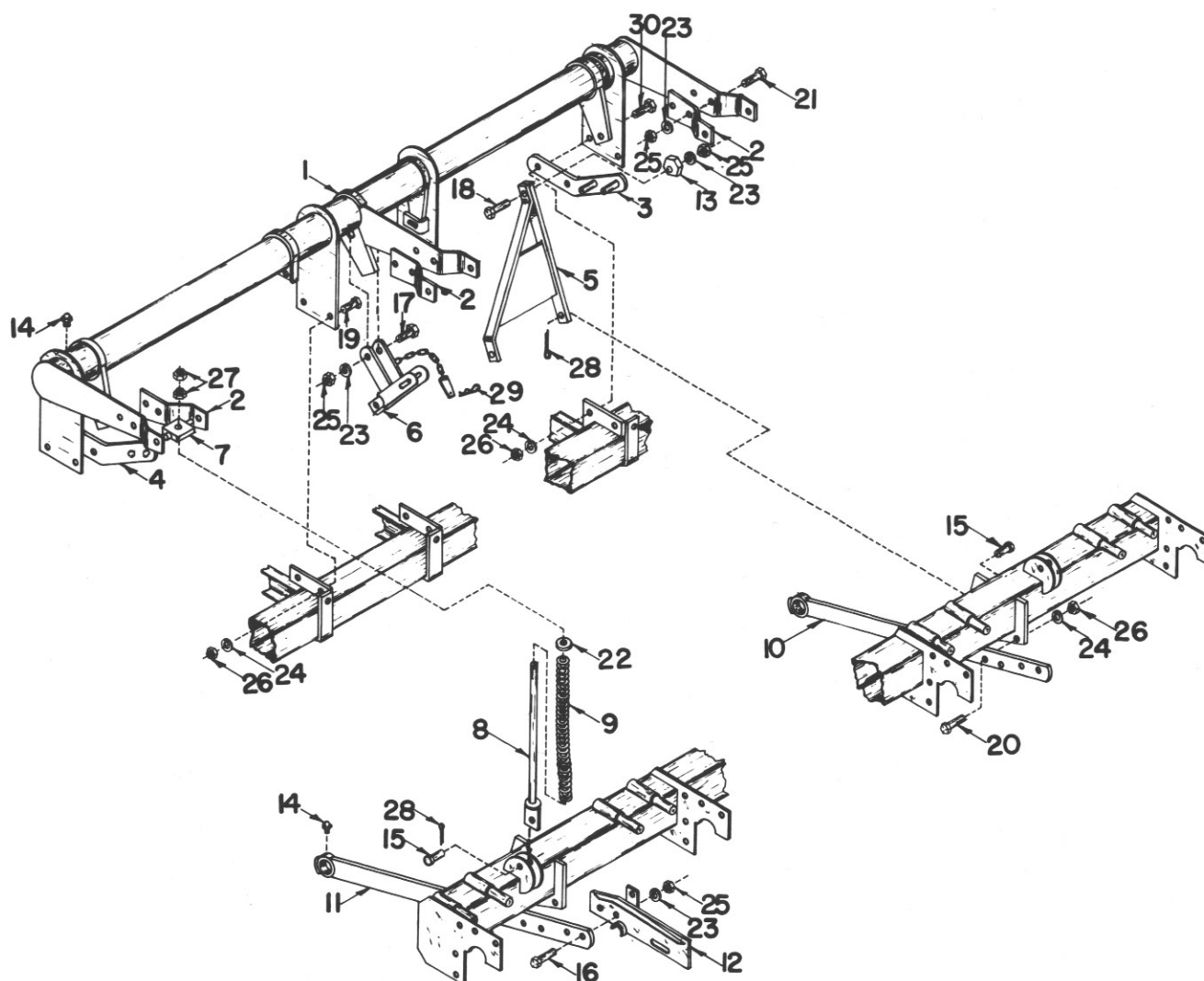
Item	Part No.	Description	No. Used
1	S-954	Right Weeder Frame	1
2	S-980	Right Rocker Shaft	1
3	S-1092	Right Gang Shaft	1
4	W-1900	Right Blue Plate	1
5	BW-40	Rocker Shaft Plate	1
6	S-1028	Right Chain Tightener Bracket	1
7	S-963	Drive Sleeve (Incl. Items 9 & 11)	1
8	BW-6	Collar (Incl. Items 12 & 25)	1
9	W-556	Oilite Bushing (PSF - 1900)	2
10	W-1902	Woodruff Key — 3/8" x 1-3/8"	1
11	S-752	Grease Nipple — 1/4" Straight	1
12	W-569	Square Head Setscrew — 1/2" x 1"	1
13	W-486	Hex Head Bolt — 1/2" x 1 1/2"	9
14	W-504	Hex Head Bolt — 5/8" x 4	1
15	BW-10	Hex Head Bolt — 3/4" x 1 3/4"	3
16	W-525	Lockwasher — 1/2"	9
17	W-526	Lockwasher — 5/8"	1
18	W-551	Machinery Washer — 1-5/8" I.D. x 14 GA.	1
19	W-550	Machinery Washer — 1-5/8" I.D. x 1/32"	1
20	W-516	Hex Nut — 1/2"	9
21	W-517	Hex Nut — 5/8"	1
22	W-575	Jam Nut — 3/4"	3
23	S-531	Cotter Pin — 3/16" x 1"	6
24	W-1362	Nylon Bearing — Rocker Shaft	3
25	W-567	Square Locknut — 1/2"	1
26	W-80	Clevis Pin — 5/8" x 1-7/16"	6
27	BW-65	Connecting Strap	6



Item	Part No.	Description	No. Used
1	S-955	Left Weeder Frame	1
2	S-981	Left Rocker Shaft	1
3	S-1093	Left Gang Shaft	1
4	BW-41	Rocker Shaft Plate — Lug Left Side	1
5	W-1901	Blue Plate	1
6	S-1029	Left Chain Tightener Bracket	1
7	S-963	Drive Sleeve (Incl. Items 14 & 1)	1
8	BW-65	Connecting Strap	8
9	BW-6	Collar (Incl. Items 16 & 22)	1
10	W-551	Machinery Washer — 1-5/8" I.D. x 14 GA.	1
11	W-556	Oilite Bushing (PSF - 1900)	2
12	W-1362	Nylon Bearing — Rockershaft	4
13	W-1902	Woodruff Key — 3/8" x 1-3/8"	1
14	S-752	Grease Nipple — 1/4" Straight	1
15	W-80	Clevis Pin — 5/8" x 1-7/16"	8
16	W-569	Square Head Setscrew — 1/2" x 1"	1
17	W-486	Hex Head Bolt — 1/2" x 1 1/2"	12
18	W-504	Hex Head Bolt — 5/8" x 4"	1
19	BW-10	Hex Head Bolt — 3/4" x 1 3/4"	4
20	W-525	Lockwasher — 1/2"	12
21	W-526	Lockwasher — 5/8"	1
22	W-567	Square Lock Nut — 1/2"	1
23	W-516	Hex Nut — 1/2"	12
24	W-517	Hex Nut — 5/8"	1
25	W-575	Jam Nut — 1/4"	4
26	S-531	Cotter Pin — 3/16" x 1"	8
27	W-550	Machinery Washer — 1-5/8" I.D. x 1/32"	1



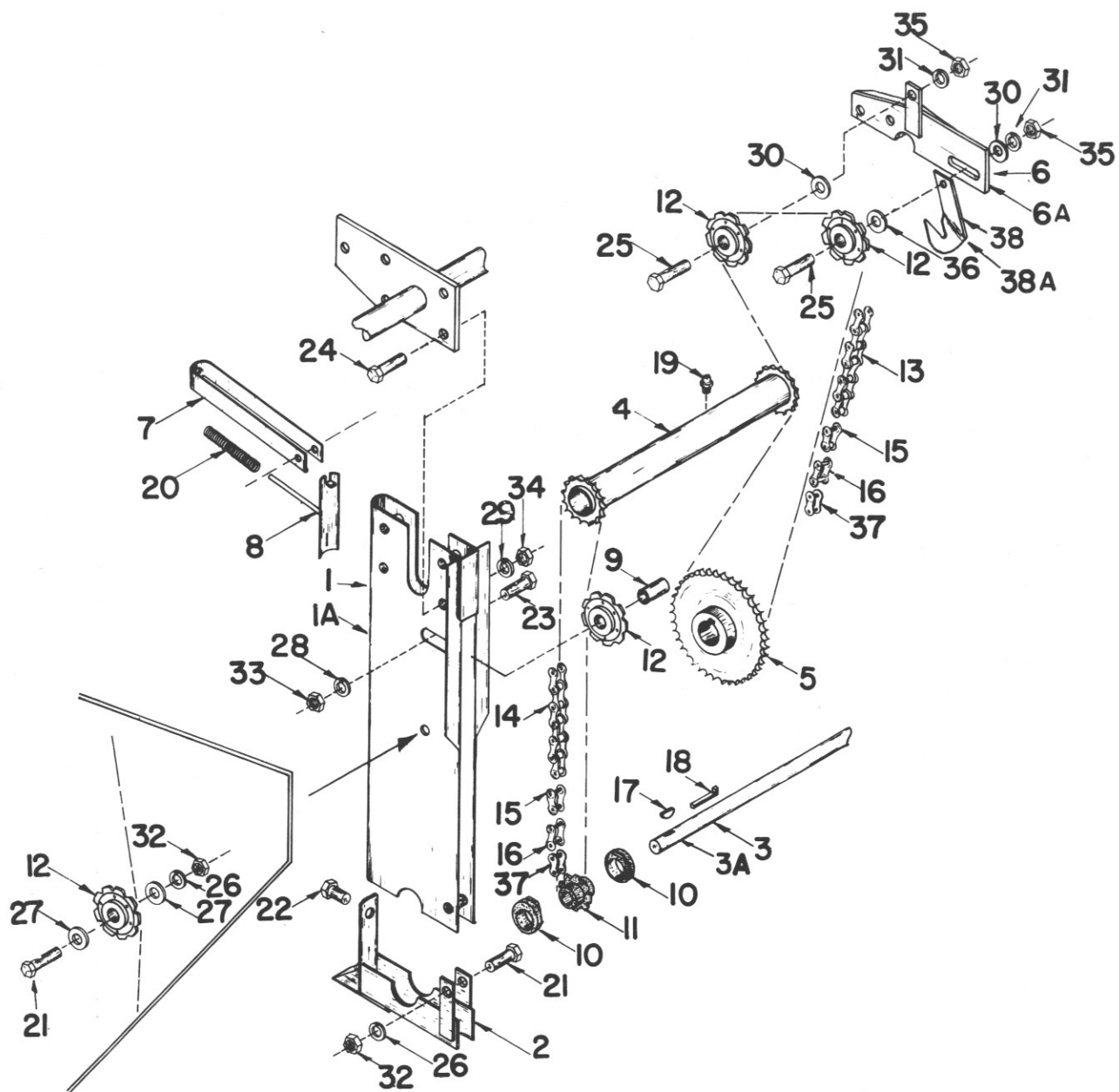
Item	Part No.	Description	No. Used
1	S-987	Right Hydraulic Rocker Tube	1
2	S-24	Clevis Forming Strap	2
3	S-1146	Right Stop Guide — Hex Block Bracket	1
4	S-1145	Left Stop Guide — Hex Block Bracket	1
5	S-966	Angle Arm — For Hex Block	2
6	S-1267	Hydraulic Lock Bracket	1
7	S-7	Swivel Block	2
8	S-965	Weeder Pressure Rod	2
9	S-1070	Weeder Pressure Spring — 16½"	2
10	S-974	Outer Brace Strap — Right Axle to Weeder	1
11	S-976	Inner Brace Strap — Right Axle to Weeder	1
12	S-1028	Right Chain Tightener Bracket	1
13	S-117	Hex Depth Adjusting Block	2
14	S-752	Grease Nipple — ¼" Straight	2
15	S-343	Clevis Pin — 5/8" x 1¾"	6
16	W-488	Hex Head Bolt — ½" x 2"	2
17	W-490	Hex Head Bolt — ½" x 2½"	1
18	W-492	Hex Head Bolt — ½" x 3"	2
19	W-497	Hex Head Bolt — 5/8" x 1½"	2
20	W-498	Hex Head Bolt — 5/8" x 1¾"	4
21	W-486	Hex Head Bolt — 5/8" x 1½"	4
22	S-257	Washer — 5/16" Thick	2
23	W-525	Lockwasher — ½"	5
24	W-526	Lockwasher — 5/8"	14
25	W-516	Hex Nut — ½"	5
26	W-517	Hex Nut — 5/8"	14
27	W-575	Jam Nut — ¾"	4
28	S-531	Cotter Pin — 3/16" x 1"	6
29	BW-11	Hair Pin — 3/16"	1
30	W-499	Hex Head Bolt — 5/8" x 2"	4



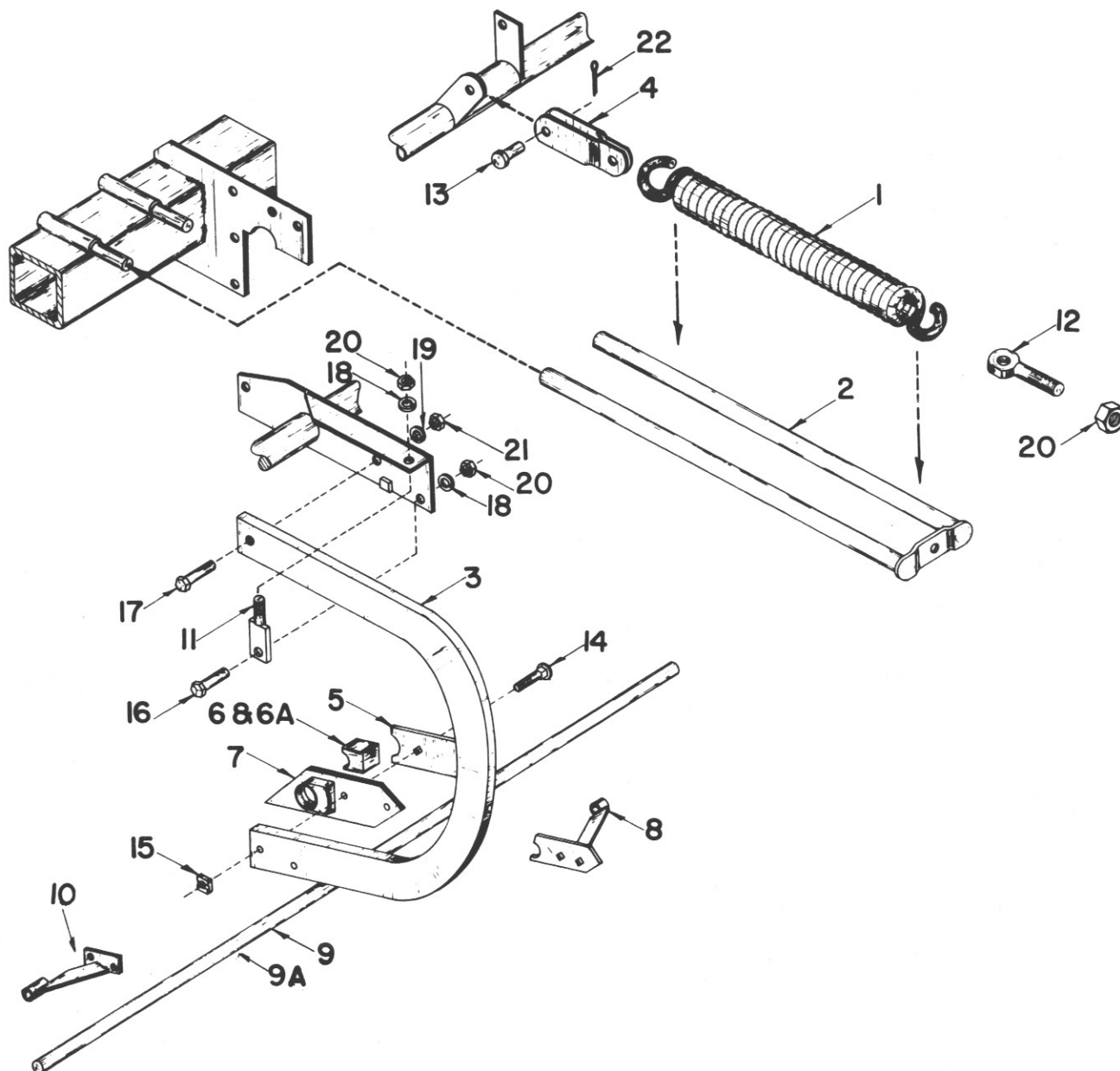
LEFT HYDRAULIC ROCKER TUBE ASSEMBLY

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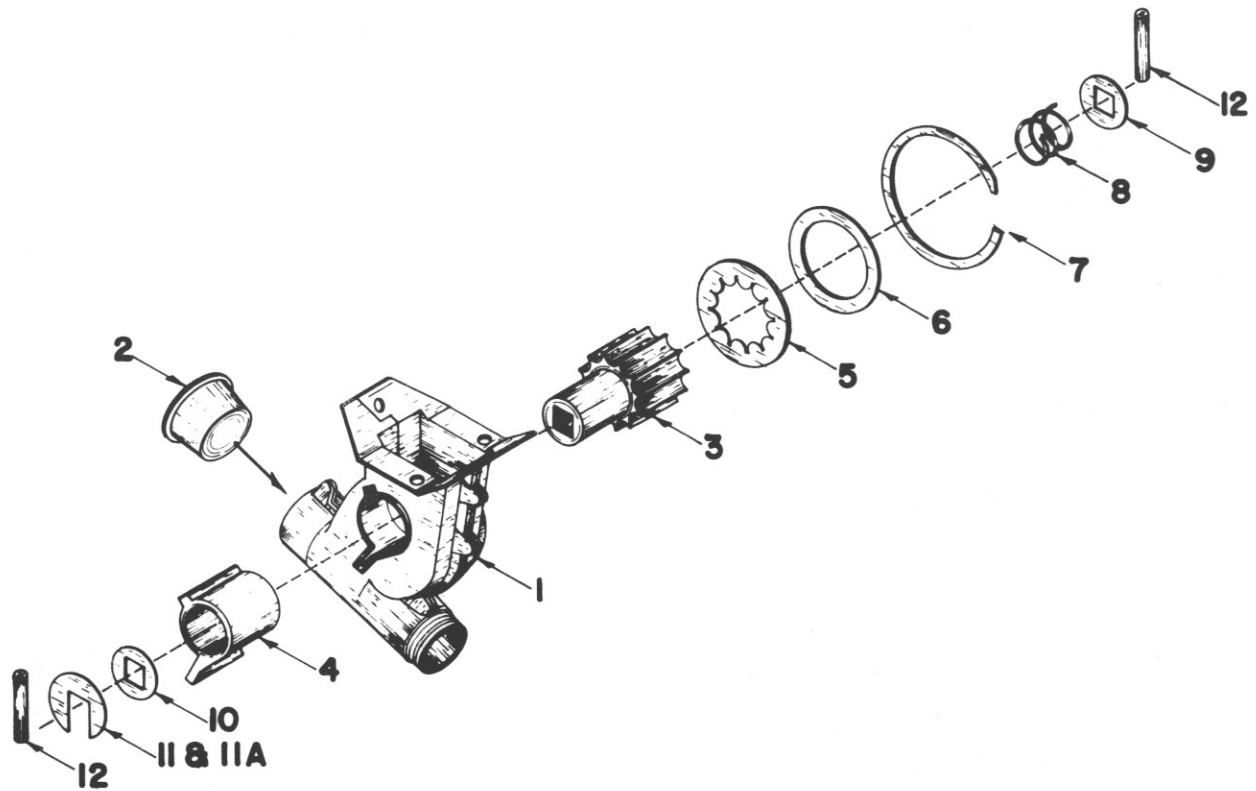
Item	Part No.	Description	No. Used
1	S-986	Hydraulic Rocker Tube	1
2	S-24	Clevis Forming Strap	3
3	S-1146	Right Stop Guide - Hex Block Bracket	1
4	S-1145	Left Stop Guide - Hex Block Bracket	1
5	S-966	Angle Arm - For Hex Block	2
6	S-1267	Hydraulic Lock Bracket	1
7	S-7	Swivel Block	3
8	S-965	Weeder Pressure Rod	3
9	S-1070	Weeder Pressure Spring - 16½"	3
10	S-976	Brace Strap - Right Axle to Weeder	1
11	S-974	Brace Strap - Left Axle to Weeder	1
12	S-1029	Left Weeder Chain Tightener Bracket	1
13	S-117	Hex Depth Adjusting Block	2
14	S-752	Grease Nipple - ¼" Straight	6
15	S-343	Clevis Pin - 5/8" x 1¾"	7
16	W-488	Hex Head Bolt - ½" x 2"	4
17	W-490	Hex Head Bolt - ½" x 2½"	1
18	W-492	Hex Head Bolt - ½" x 3"	2
19	W-497	Hex Head Bolt - 5/8" x 1½"	4
20	W-498	Hex Head Bolt - 5/8" x 1¾"	4
21	W-486	Hex Head Bolt - ½" x 1½"	6
22	S-257	Washer - 5/16" Thick	3
23	W-525	Lockwasher - ½"	13
24	W-526	Lockwasher - 5/8"	12
25	W-516	Hex Nut - ½"	13
26	W-517	Hex Nut - 5/8"	12
27	W-575	Jam Nut - ¾"	6
28	S-531	Cotter Pin - 3/16" x 1"	7
29	BW-11	Hair Pin - 3/16"	1
30	W-499	Hex Head Bolt - 5/8" x 2"	4



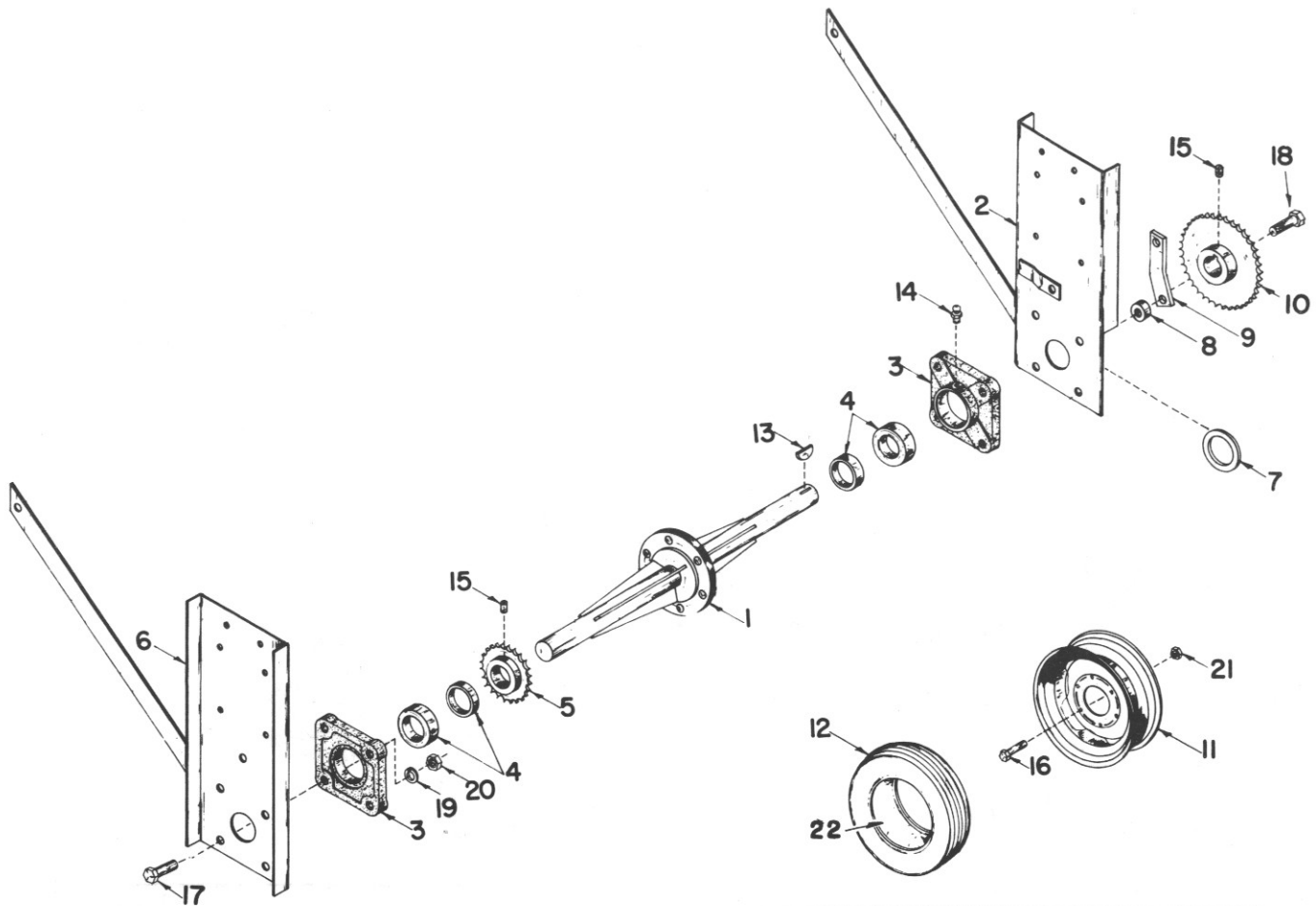
Item	Part No.	Description	No. Used
1	BW-86	Drive Leg	1
1A	BW-87	Drive Leg - Illustrated	1
2	W-916	Leg Shoe	2
3	S-952	Right Ground Rod - 91"	1
3A	S-953	Left Ground Rod - 132"	1
4	S-963	Drive Sleeve	2
5	S-1143	Sprocket - 42 Tooth	2
6	S-1029	Left Weeder Chain Tightener Bracket	1
6A	S-1028	Right Weeder Chain Tightener Bracket - Illustrated	1
7	W-913	U-Clevis	2
8	W-854	Spring Rod Bracket	2
9	W-914	Bushing	2
10	W-900	Ground Rod Bearing	4
11	W-899	Ground Rod Sprocket - 8 Tooth	2
12	BW-3	Idler Sprocket - 9 Tooth	6
13	S-1208	Drive Chain - 1 1/4" Pitch 94 Links	2
14	BW-2	Leg Chain - 1 1/4" Pitch 44 Links	2
15	BW-15	Offset Link - 1 1/4" Pitch (Optional)	As Req'd
16	BW-14	Connecting Link - 1 1/4" Pitch	2
17	BW-122	Woodruff Key - 3/16" x 3/4" Alloy	2
18	W-915	Key Strip	2
19	S-752	Grease Nipple - 1/4" Straight	2
20	W-1021	Spring - 9/16" x 5-3/8"	2
21	W-480	Hex Head Bolt - 3/8" x 2 1/2"	4
22	S-482	Hex Head Bolt - 7/16" x 1"	2
23	W-1014	Hex Head Bolt - 7/16" x 2 1/2"	2
24	W-490	Hex Head Bolt - 1/2" x 2 1/2"	8
25	W-500	Hex Head Bolt - 5/8" x 2 1/4"	4
26	W-523	Lockwasher - 3/8"	4
27	W-1846	Special Washer (Optional)	As Req'd
28	W-524	Lockwasher - 7/16"	2
29	W-525	Lockwasher - 1/2"	8
30	W-540	Plain Washer - 5/8"	4
31	W-526	Lockwasher - 5/8"	4
32	W-514	Hex Nut - 3/8"	4
33	W-515	Hex Nut - 7/16"	2
34	W-516	Hex Nut - 1/2"	8
35	W-517	Hex Nut - 5/8"	4
36	S-1090	Washer - 3/8" Thick	2
37	BW-16	Roller Link (Optional)	As Req'd
38	S-1089	Chain Catcher (Left) - Illustrated	1
38A	S-1088	Chain Catcher (Right)	1
	W-1580	Sprocket Assembly (Includes #10, 11 & 18)	
	W-1420	Tightener Assembly (Includes #7, 8, 9, 20, 23, 28 & 33)	
	W-1827	Tightener Kit - (Optional) (Includes #12, 21, 26, 27 & 32)	



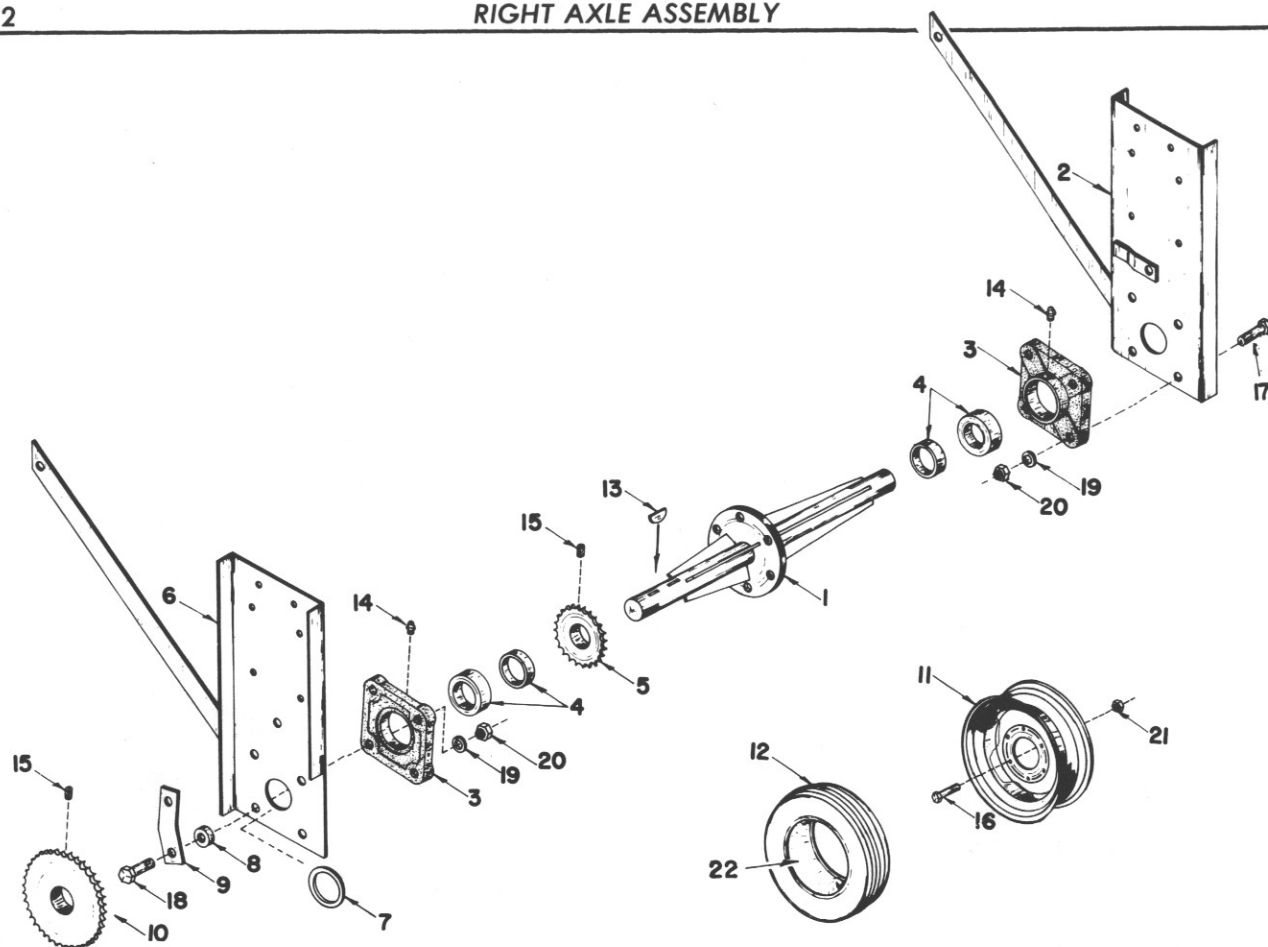
Item	Part No.	Description	No. Used
1	BW-4	Trip Spring — 2½" O.D.....	7
2	BW-28	Spring Frame	7
3	BW1-80	Standard	5
4	BW-22	Spring Clevis (Includes 2 Half Pieces)	14
5	W-69	Side Plate	5
6	W-1-N	Urethane Boxing	5
6A	W-1	Wood Boxing (Optional)	AsReq'd
7	W-71	Shoe	5
8	W-3157	Right Ground Rod Support	1
9	S-952	Right Ground Rod — 91"	1
9A	S-953	Left Ground Rod — 133"	1
10	W-3158	Left Ground Rod Support	1
11	BW-71	Standard Clamp Strap	5
12	BW-9	Eyebolt	7
13	BW-8	Clevis Pin — ½" x 1¼"	7
14	W-72	Shoe Bolt — ½" x 1¾" Carriage (Incl. item #15)	10
15	W-567	Square Lock Nut — ½"	10
16	W-490	Hex Head Bolt — ½" x 2½"	5
17	W-500	Hex Head Bolt — 5/8" x 2¼"	5
18	W-525	Lockwasher — ½"	10
19	W-526	Lockwasher — 5/8"	5
20	W-516	Hex Nut — ½"	10
21	W-517	Hex Nut — 5/8"	12
22	W-907	Cotter Pin — 5/32" x ¾"	7



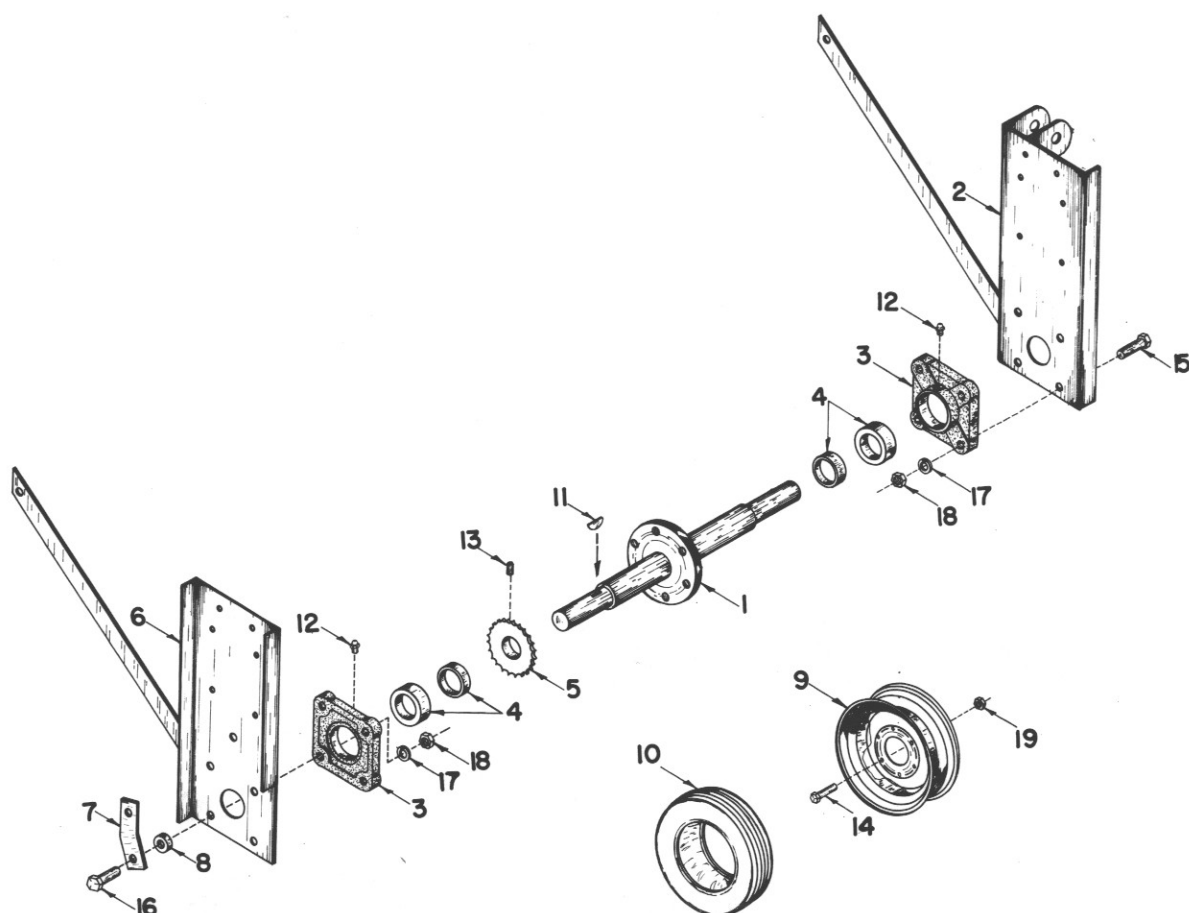
Item	Part No.	Description	No. Used
1	S-3030	Seed Cup.....	27
2	S-3251	Seed Cup Plug	27
3	S-149	Fluted Roller	27
4	S-147	Shut Off	27
5	S-3138	Fluted Washer	27
6	S-3139	Wear Washer	27
7	S-3140	Snap Ring	27
8	S-150	Spring.....	27
9	S-151	Washer (To fit inside fluted roller)	27
10	S-146	Outer Washer.....	27
11	S-241	Thick Shim.....	As Req'd
11A	S-242	Thin Shim.....	As Req'd
12	S-760	Spring Pin — 5/32" x 1"	54
	S-3134	Seed Cup Assembly (Incl. All Above Items Except Item #2)	



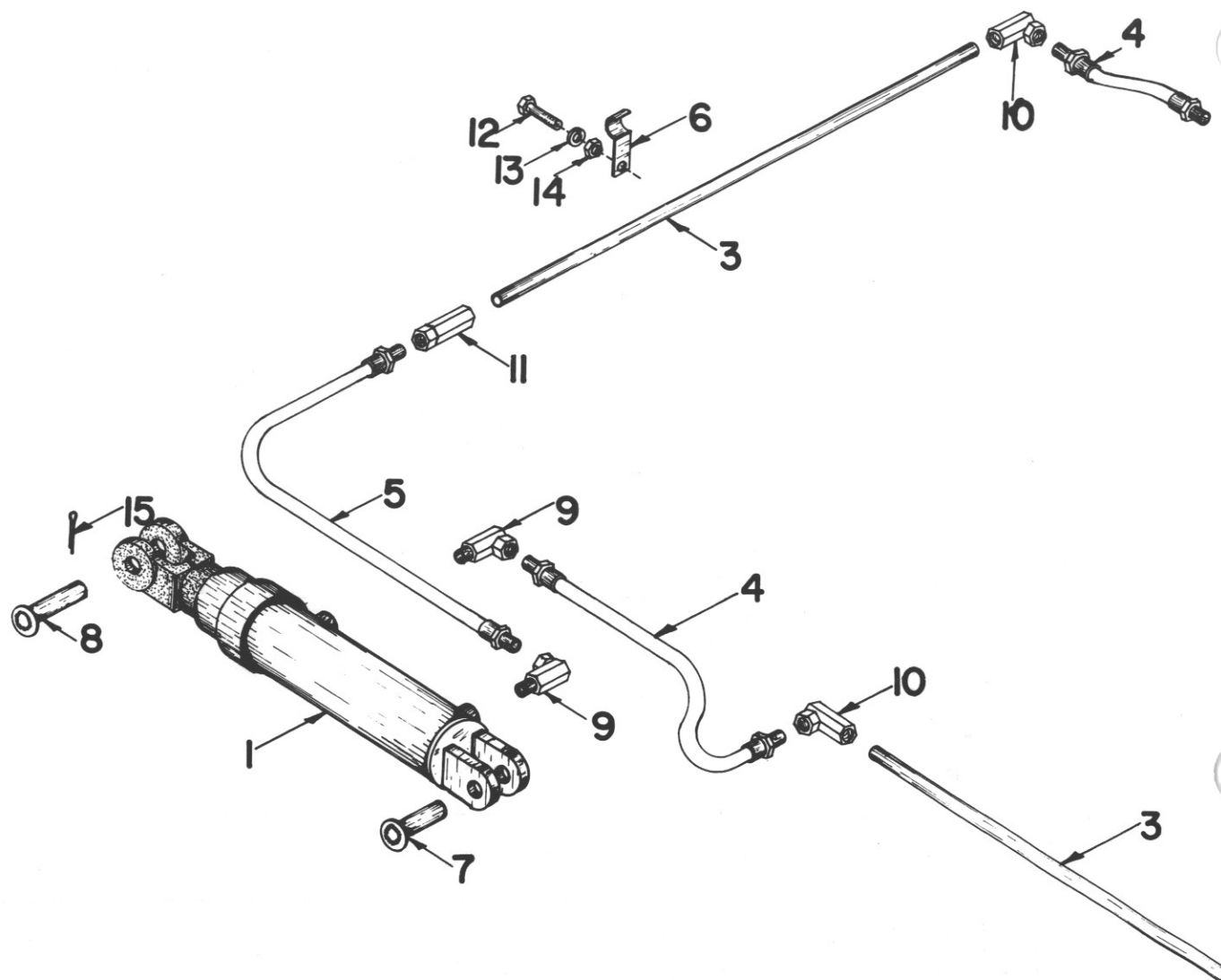
Item	Part No.	Description	No. Used
1	S-1138	Left Axle - 24 1/4"	1
2	S-1057	Inner Axle Plate (Left Wheel)	1
3	S-1285	Flange - Only	2
4	S-1284	Bearing Insert - 1 3/4" with Collar	2
5	S-1142	Sprocket - 24 Tooth	1
6	S-1058	Outer Axle Plate (Left Wheel)	1
7	C-553	Machinery Washer - 1 3/4" x 10 G.A.	1
8	S-1130	Spacer - For Hold On Strap	2
9	S-1220	Hold On Strap - Weeder to Axle	1
10	S-1143	Sprocket - 42 Tooth	1
11	S-348	Rim - 20"	1
12	S-346	6 Ply Tire - 7.50" x 20"	1
13	W-1902	Woodruff Key - 3/8" x 1-3/8" Alloy	1
14	F-3056	Grease Nipple - 1/4" x 90°	2
15	W-561	Allan Set Screw - 3/8" x 1/2"	2
16	S-1192	Wheel Stud Bolt - 1/2" x 1 1/2" Sae	6
17	W-499	Hex Head Bolt - 5/8" x 2"	6
18	W-502	Hex Head Bolt - 5/8" x 2 3/4"	2
19	W-526	Lockwasher - 5/8"	8
20	W-517	Hex Nut - 5/8"	8
21	S-1196	Tapered Nut - 1/2" Sae	6
22	S-347	Tube - 20"	1
	S-1115	Flange Bearing Assembly - 1 3/4" (Includes Items 3, 4, & 14)	



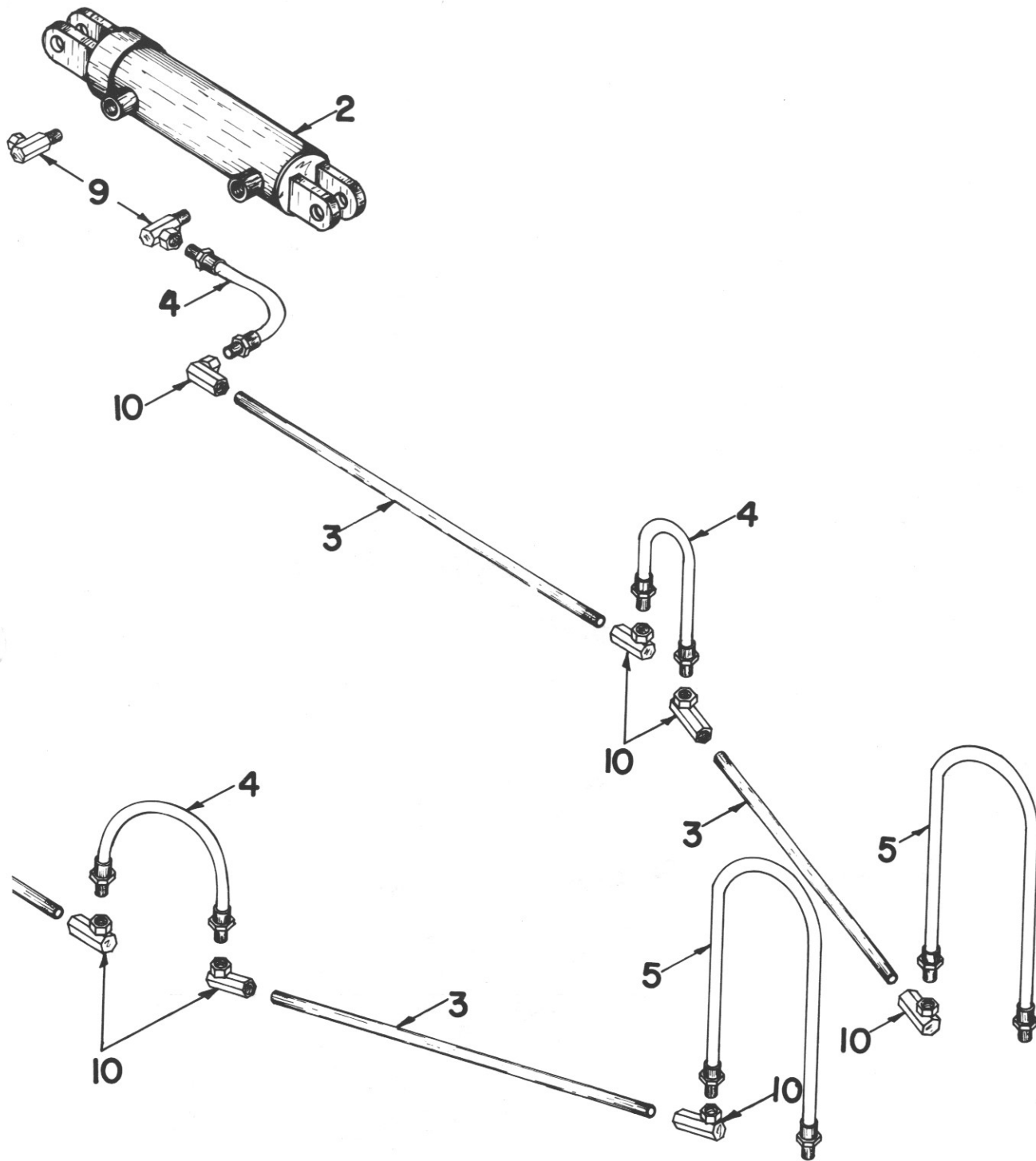
Item	Part No.	Description	No. Used
1	S-1137	Right Axle - 24 $\frac{1}{4}$ "	1
2	S-1168	Outer Axle Plate (Right Wheel)	1
3	S-1285	Flange - Only	2
4	S-1284	Bearing Insert - 1 $\frac{3}{4}$ " with Collar	2
5	S-1142	Sprocket - 24 Tooth	1
6	S-1169	Inner Axle Plate (Right Wheel)	1
7	C-553	Machinery Washer - 1 $\frac{3}{4}$ " x 10 GA.	1
8	S-1130	Spacer - For Hold On Strap	2
9	S-1220	Hold On Strap - Weeder To Axle	1
10	S-1143	Sprocket - 42 Tooth	1
11	S-348	Rim - 20"	1
12	S-346	6 Ply Tire - 7.50" x 20"	1
13	W-1902	Woodruff Key - 3/8" x 1-3/8" Alloy	2
14	F-3056	Grease Nipple - 1/4" x 90°	2
15	W-561	Allan Set Screw - 3/8" x 1/2"	4
16	S-1192	Wheel Stud Bolt - 1/2" x 1 1/2" Sae	6
17	W-499	Hex Head Bolt - 5/8" x 2"	6
18	W-502	Hex Head Bolt - 5/8" x 2 3/4"	2
19	W-526	Lockwasher - 5/8"	8
20	W-517	Hex Nut - 5/8"	8
21	S-1196	Tapered Nut - 1/2" Sae	6
22	S-347	Tube - 20"	1
	S-1115	Flange Bearing Assembly - 1 3/4" (Includes Items 3, 4, & 14)	

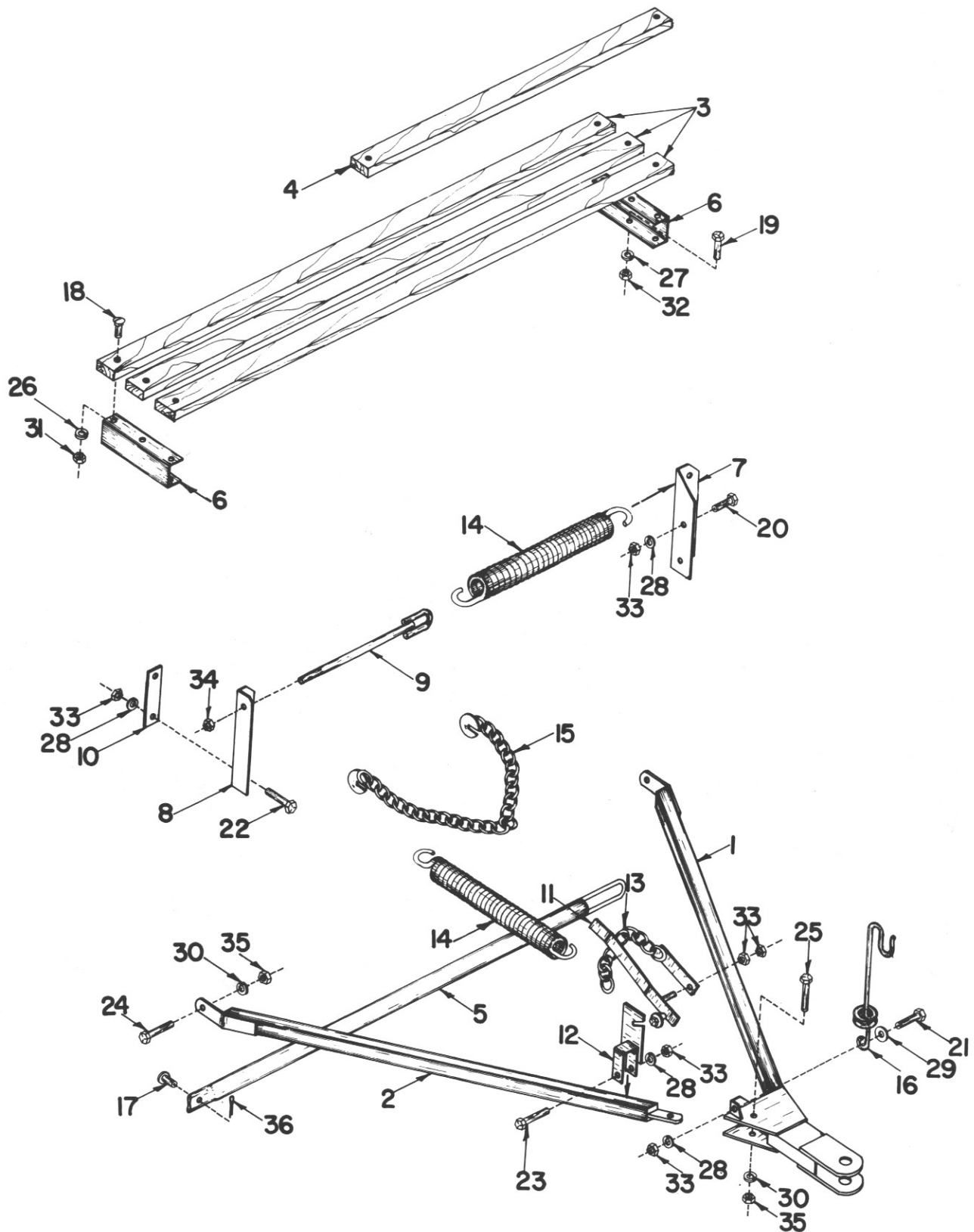


Item	Part No.	Description	No. Used
1	S-4246	Centre Axle - 21"	1
2	S-1055	Right Axle Plate (Centre Axle)	1
3	S-1285	Flange	2
4	S-1284	Bearing Insert (With Collar)	2
5	S-1142	Sprocket — 24 Tooth	1
6	S-1056	Left Axle Plate (Centre Axle)	1
7	S-1220	Hold On Strap — Weeder to Axle	1
8	S-1130	Spacer — Hold on Strap	2
9	S-348	Rim — 20"	1
10	S-1212	8 Ply Tire — 7.50 x 20"	1
11	S-1204	Woodruff Key — 3/8" x 1 1/4" Alloy	1
12	C-3056	Grease Nipple — 1/4" N.P.T. x 90°	2
13	W-561	Allan Set Screw — 3/8" x 1/2"	2
14	S-1192	Wheel Stud Bolt — 1/2" x 1 1/2" Sae	6
15	W-499	Hex Head Bolt — 5/8" x 2"	6
16	W-502	Hex Head Bolt — 5/8" x 2 3/4"	2
17	W-526	Lockwasher — 5/8"	8
18	W-517	Hex Nut — 5/8"	8
19	S-1196	Tapered Nut — 1/2" Sae	6
20	S-347	Tube - 20"	1
	S-1115	Flange Bearing Assembly — 1 3/4" (Includes Items 3, 4, & 12)	

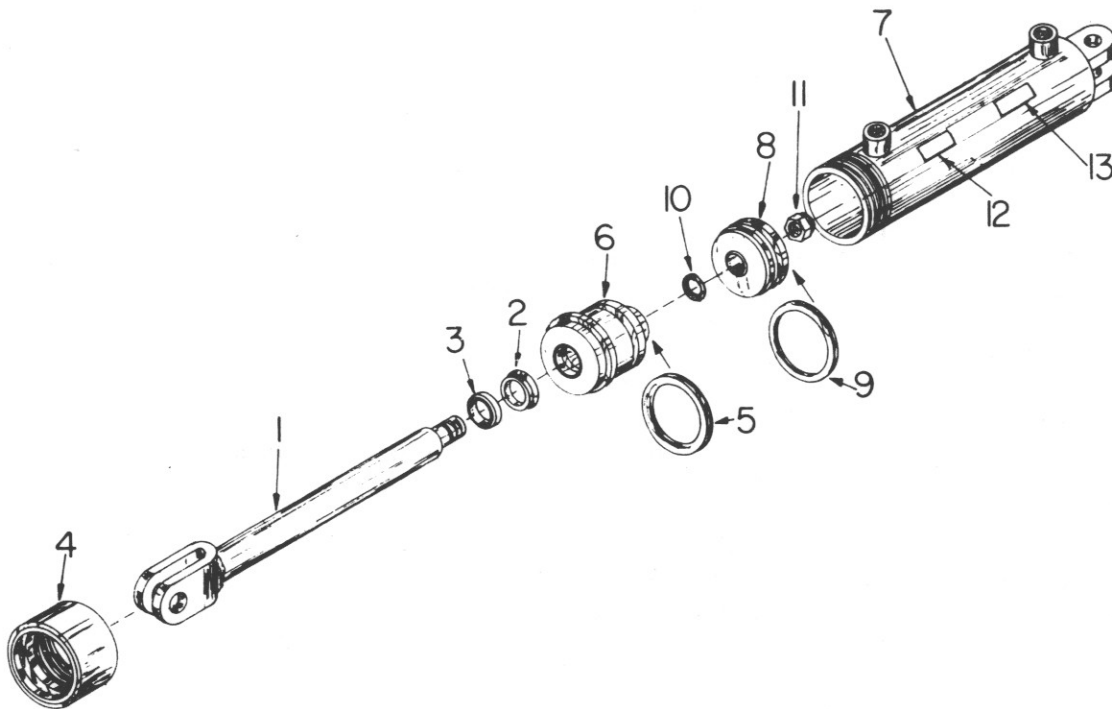


Item	Part No.	Description	No. Used
1	C-2128	Cylinder — 3½" x 8"	1
2	C-2129	Cylinder — 4" x 8"	1
3	C-669	Hydraulic Pipe — 3/8" x 48"	5
4	C-895	Hydraulic Hose — 3/8" x 16"	5
5	C-856	Hydraulic Hose — 3/8" x 60"	3
6	S-1099	Clamp	11
7	W-558	Cylinder Pin	3
8	C-1429	Cylinder Pin	1
9	C-680	Swivel Elbow M/F — 3/8" x 90°	4
10	C-675	Swivel Elbow F/F — 3/8" x 90°	9
11	C-889	Swivel Coupler F/F — 3/8"	1
12	W-471	Hex Head Bolt — 5/16" 1"	11
13	W-522	Lockwasher — 5/16"	11
14	W-513	Hex Nut — 5/16"	11
15	W-538	Cotter Pin — ¼" x 1½"	4

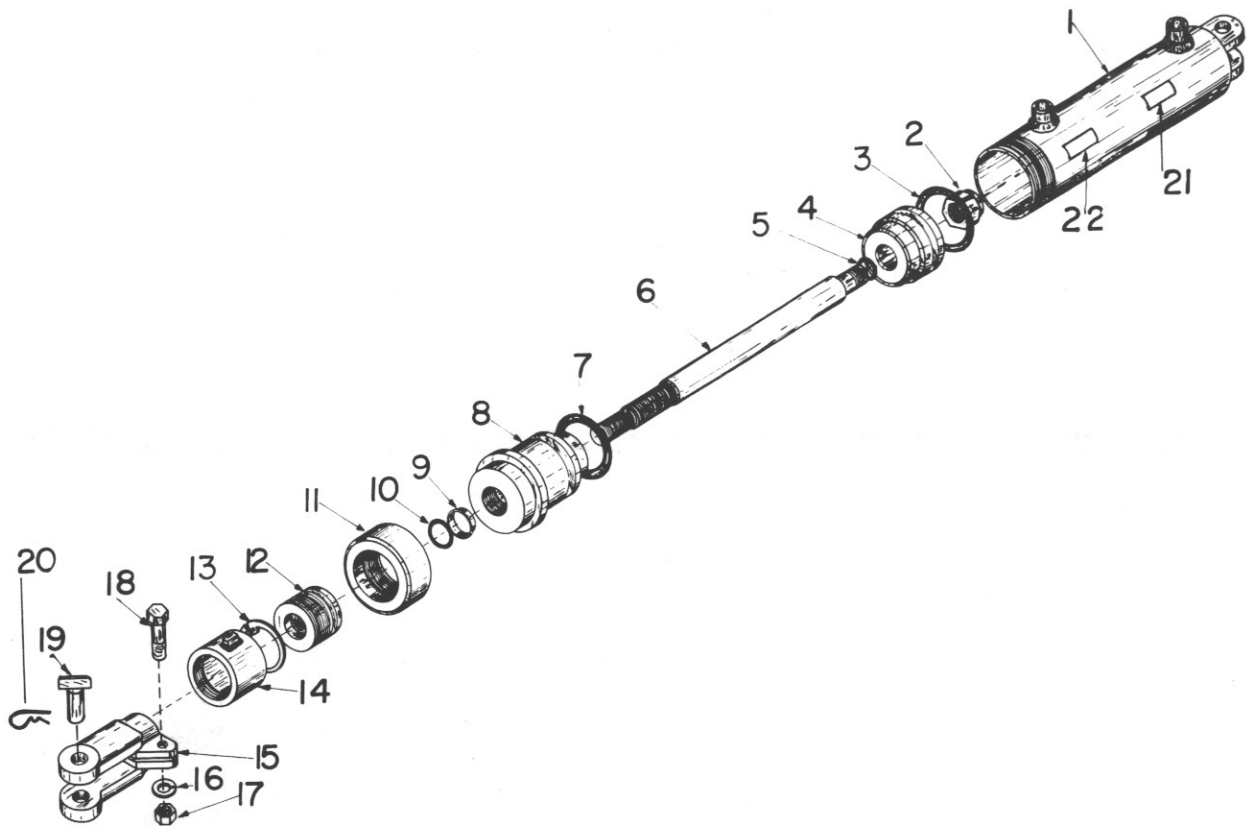




Item	Part No.	Description	No. Used
1	S-1031	Left Hitch	1
2	S-1030	Right Hitch	1
3	S-1215	Left Footboards — 120"	3
4	S-1216	Right Footboards — 90¾"	3
5	S-1277	Tie Rod	1
6	S-1152	Footboard Support	4
7	S-1275	Spring Arm — Left Frame	1
8	S-1272	Spring Arm — Right Frame	1
9	S-1280	Eye Bolt — For Tie Control Spring	1
10	S-1276	Clamp Strap — Right Spring Arm	1
11	S-3187	Lever (Optional)	1
12	S-3190	Slotted Bracket on Hitch (Optional)	1
13	S-3188	Adjustment Chain (Optional)	1
14	BW-4	Control Spring (Optional on Hold-Up bracket)	2
15	S-3189	Chain — 5/16" (Chain attach to drill frame) (Optional)	1
16	W-7	Hose Holder	1
17	S-1279	Tie Rod Pin	2
18	S-1195	Carriage Bolt — ¼" x 2¼"	12
19	W-475	Hex Head Bolt — 3/8" x 1"	4
20	W-485	Hex Head Bolt — ½" x 1¼"	2
21	W-486	Hex Head Bolt — ½" x 1½"	1
22	W-493	Hex Head Bolt — ½" x 3½"	2
23	W-495	Hex Head Bolt — ½" x 4"	1
24	W-63	Hex Head Bolt — ¾" x 3"	2
25	S-1175	Hex Head Bolt — ¾" x 4½"	1
26	W-521	Lockwasher — ¼"	12
27	W-523	Lockwasher — 3/8"	4
28	W-525	Lockwasher — ½"	6
29	C-333	Washer	1
30	W-527	Lockwasher — ¼"	3
31	W-512	Hex Nut — ¼"	12
32	W-514	Hex Nut — 3/8"	4
33	W-516	Hex Nut — ½"	6
	S-1845	Hitch Hold Up Kit (Includes Items 11, 12, 13, 14, 15, 23, 28 & 33)	



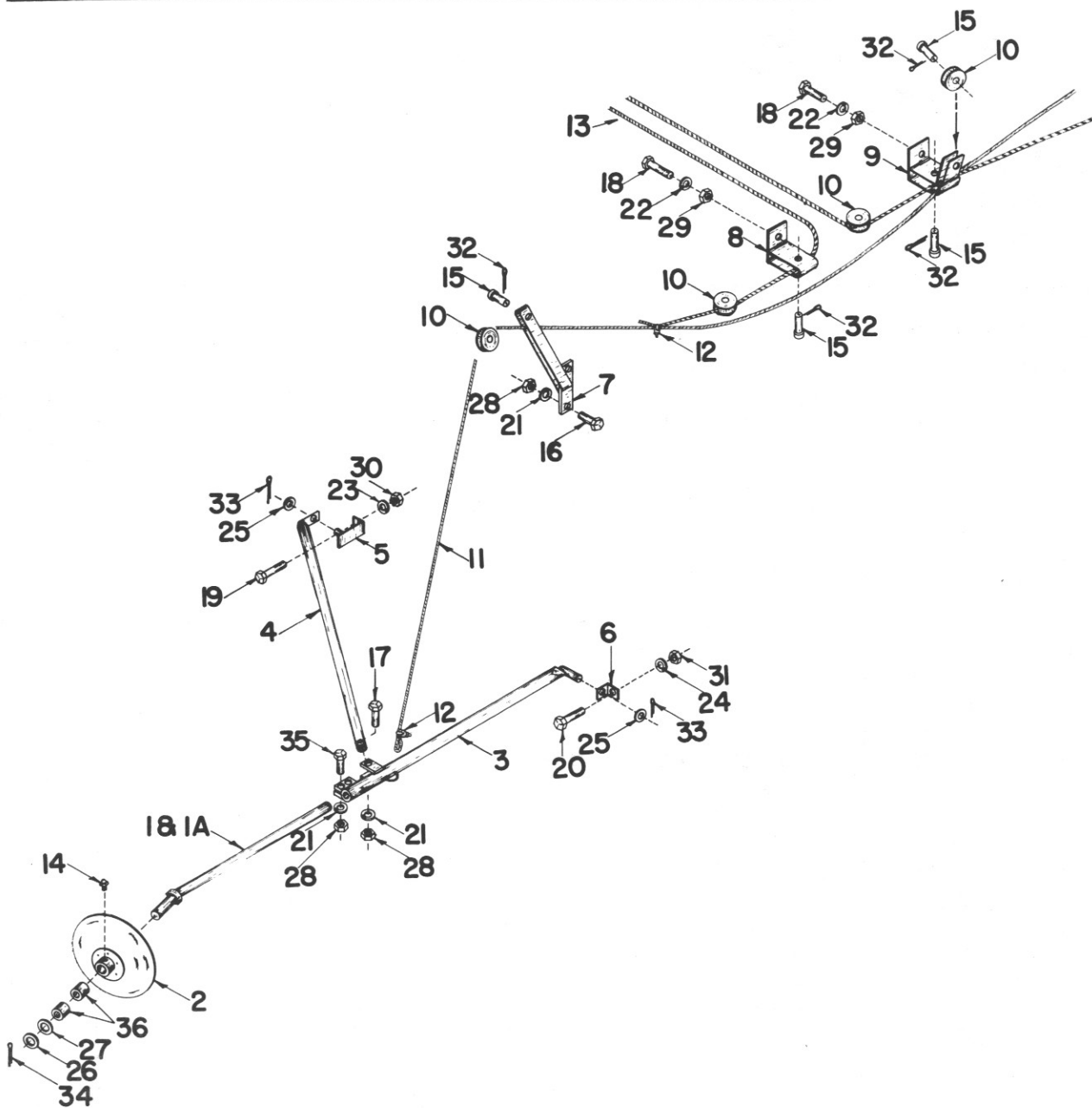
Item	Part No.	Description	No. Used
1	C-2167	Shaft	1
2	C-2180	Shaft Seal — 2" I.D. x 2½" O.D. x 3/8" 90A	1
3	C-2179	Shaft Wiper — 2" I.D. x ¼" C/S	1
4	C-2023	Collar	1
5	C-2030	Gland Static Seal — 4" O.D. x 3/16" C/S	1
6	C-2166	Gland	1
7	C-2168	Barrel	1
8	C-2031	Piston	1
9	C-2025	Piston Seal — 4" O.D. x 3/16" C/S	1
10	C-2016	Shaft Static Seal — 7/8" O.D. x 1/16" C/S	2
11	C-2017	Shaft Nut — 7/8" Cleveloc	1
12	C-2182	Part Number Plate	1
13	C-2019	Caution Sticker	1
	C-2129	Cylinder Assembly (Includes All Above Items)	
	C-2165	Seal Kit (Includes Items 2, 3, 5, 9 and 10)	



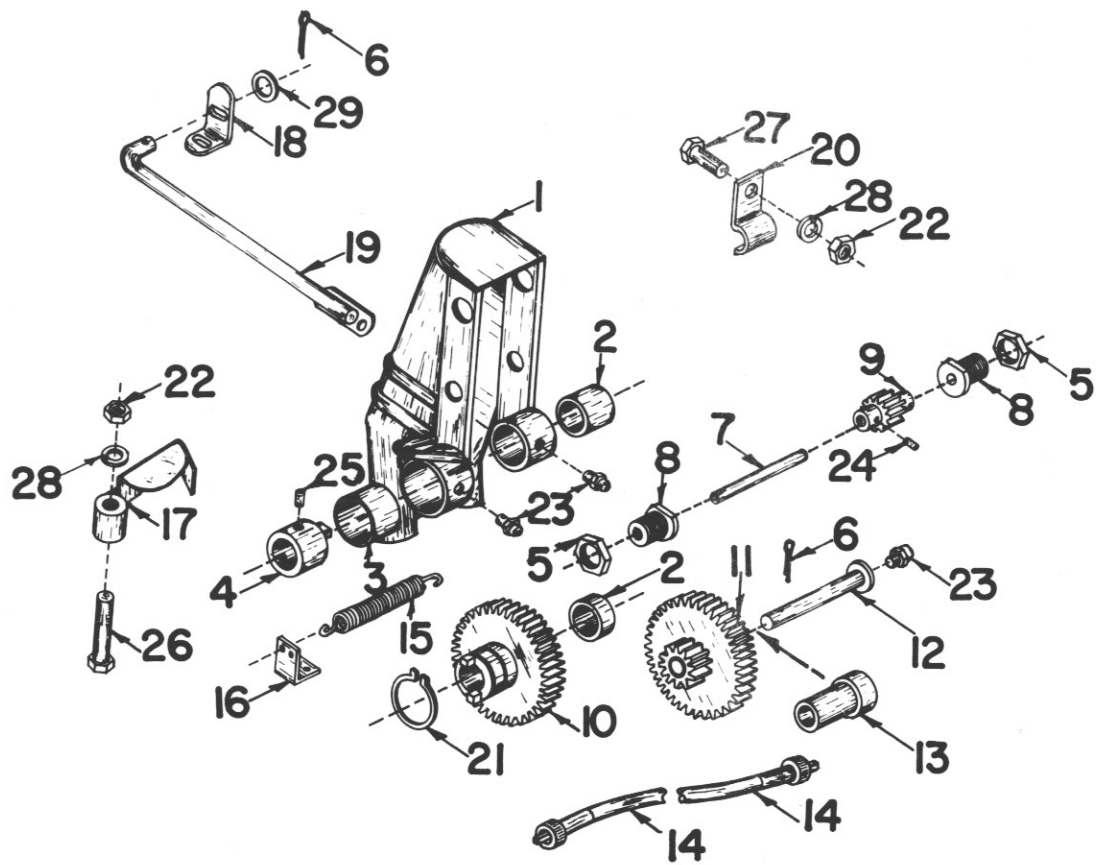
Item	Part No.	Description	No. Used
1	C-2169	Barrel	1
2	C-2017	Shaft Nut — 7/8" Cleveloc	1
3	C-2029	Piston Seal — 3½" x 3/16" C/S	1
4	C-2039	Piston	1
5	C-2016	Static Seal — 7/8" O.D. x 1/16" C/S	1
6	C-2011	Shaft	1
7	C-2022	Gland Static Seal — 3½" x 3/16" C/S	1
8	C-2037	Gland	1
9	C-2008	Shaft Seal — 1¼" x 1-5/8" O.D. x 5/16"	1
10	C-2007	Shaft Wiper — 1¼" I.D. x 3/16" C/S	1
11	C-2028	Collar — 3½"	1
12	C-2004	Inner Stroke Control Sleeve	1
13	C-2005	Snap Ring	1
14	C-2006	Outer Stroke Control Sleeve	1
15	C-2003	Clevis	1
16	W-523	Lock Washer — 3/8"	1
17	W-514	Hex Nut — 3/8"	1
18	W-477	Hex Head Bolt — 3/8" x 1½"	1
19	W-558	Clevis Pin	2
20	BW-11	Hair Pin	2
21	C-2019	Caution Sticker	1
22	C-2181	Part Number Plate	1
	C-2128	Cylinder Assembly (Includes All Above Items)	
	C-2036	Seal Kit (Includes Items 3, 5, 7, 9 and 10)	

Optional Equipment

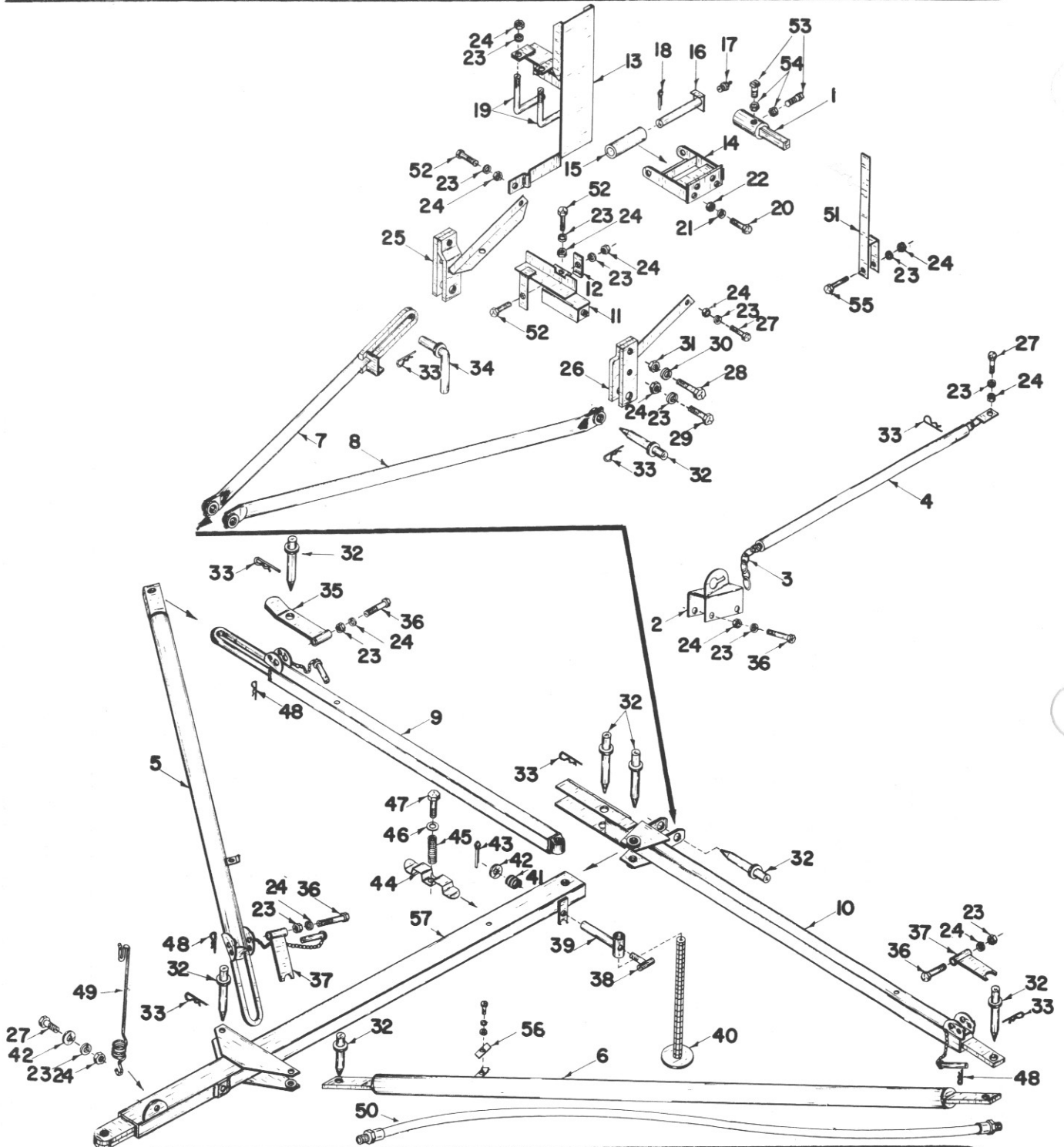
MANUAL WHEEL MARKERS



Item	Part No.	Description	No. Used
1	S-365	Disc Axle (Right)	1
1A	S-923	Disc Axle (Left)	1
2	S-362	Disc Assembly	2
3	S-1233	Wheel Marker Pipe — 57¾"	2
4	S-1234	Brace Pipe — 69"	2
5	S-359	Front Frame Bracket	2
6	S-1235	Rear Mounting Bracket	2
7	S-1236	Pulley Lift Brace	2
8	S-1237	Left Inner Brace	1
9	S-1238	Right Inner Bracket	1
10	S-1241	Cast Pulleys	5
11	S-1239	Lift Cable	1
12	S-1240	Cable Clamps	4
13	S-1098	Rope — 40'	1
14	S-752	Grease Nipple — ¼" Straight	2
15	BW-8	Clevis Pin — ½" x 1¼"	5
16	W-187	Hex Head Bolt — 3/8" x 1¼"	4
17	W-480	Hex Head Bolt — 3/8" x 2½"	2
18	S-1162	Hex Head Bolt — 7/16" x 1½"	2
19	W-486	Hex Head Bolt — ½" x 1½"	2
20	W-501	Hex Head Bolt — 5/8" x 2½"	2
21	W-523	Lockwasher — 3/8"	10
22	W-524	Lockwasher — 7/16"	2
23	W-525	Lockwasher — ½"	2
24	W-526	Lockwasher — 5/8"	2
25	S-543	Machinery Washer — ¾" x 14 GA.	4
26	S-367	Washer — 1" x ¾" Thick	2
27	S-368	Nylon Washer	2
28	W-514	Hex Nut — 3/8"	10
29	W-515	Hex Nut — 7/16"	2
30	W-516	Hex Nut — ½"	2
31	W-517	Hex Nut — 5/8"	2
32	W-907	Cotter Pin — 5/32" x ¾"	5
33	W-532	Cotter Pin — 3/16" x 1¼"	4
34	W-534	Cotter Pin — ¼" x 1¼"	2
35	W-477	Hex Head Bolt — 3/8" x 1½"	4
36	C-223	Nylon Bushing	4

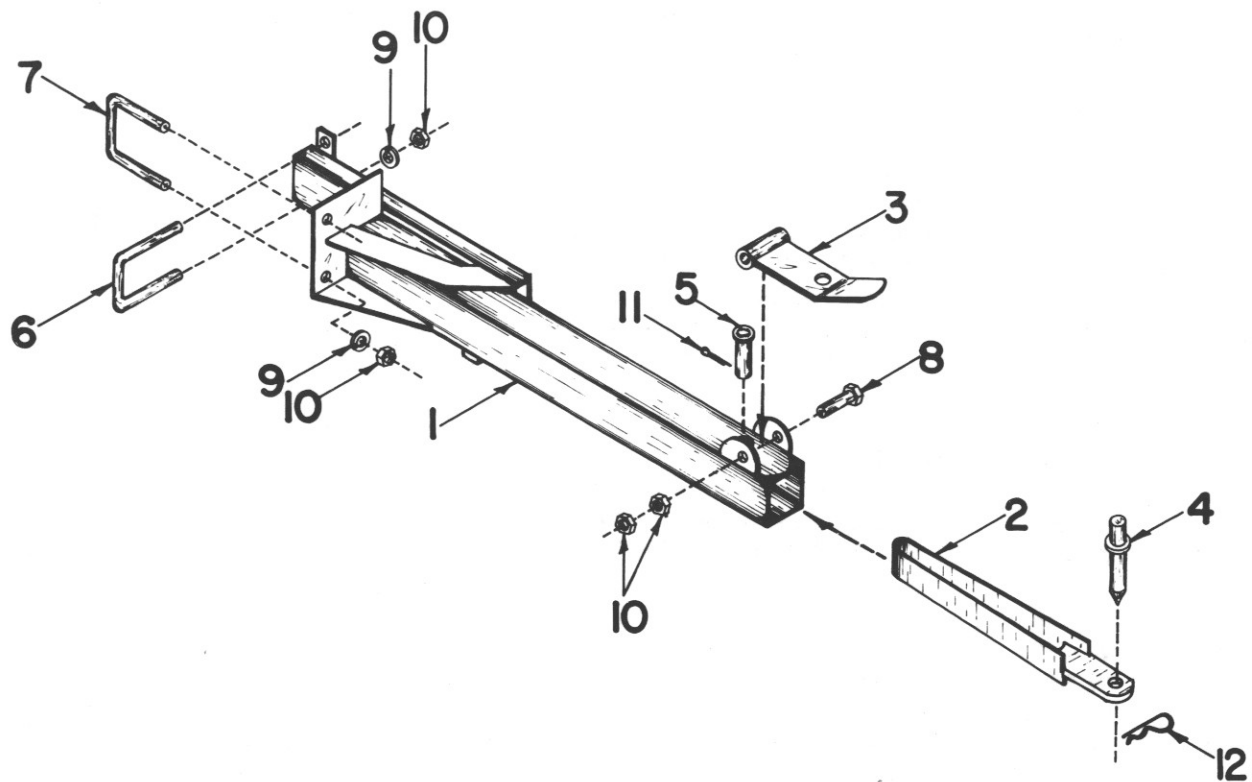


Item	Part No.	Description	No. Used
1	S-1913	Fertilizer Drive Frame (Incl. Items 2 & 3)	2
2	S-141	Oilite Bushing — 1" x 1¼" x 1¼"	4
3	S-3200	Oilite Bushing — 1—5/8" x 13/16"	2
4	S-1914	Clutch Collar	2
5	S-1906	Hex Nut — 1"	4
6	S-531	Cotter Pin — 3/16" x 1"	4
7	S-1911	Axle (Cable Drive Sprocket)	2
8	S-1909	Bearing	4
9	S-1907	Cable Drive Sprocket — 13 Tooth	2
10	S-1912	44 Tooth Clutch Gear	2
11	S-1908	44 Tooth Gear — #3 Tooth	2
12	S-1915	Axle	2
13	S-1916	Nylon Bushing and Spacer	2
14	FC-60A	Cable Assembly — 60"	2
	FC-60C	Cable Core Only — 60"	
	FC-60H	Cable Housing Only — 60"	
15	W-106	Spring	4
16	S-1904	Spring Lug	2
17	S-1903	Disengaging Slide Bracket	2
18	S-1905	Lug (For Release Rod)	2
19	S-1910	Release Rod	2
20	W-415	Clamp	2
21	S-1924	Snap Ring — 1-7/16" I.D.	2
22	W-514	Hex Nut — 3/8"	4
23	S-752	Grease Nipple — ¼" Straight	6
24	S-1202	Allan Set Screw — ¼" x ¼"	2
25	W-554	Allan Set Screw — 5/16" x 5/16"	2
26	W-1854	Hex Head Bolt — 3/8" x 1"	2
27	W-475	Hex Head Bolt — 3/8" x 3"	2
28	W-523	Lockwasher — 3/8"	4
29	S-1925	Washer — ½" Sae	2
	S-3023	Fertilizer Drive Assembly (Includes All Above Items Except Calbes)	

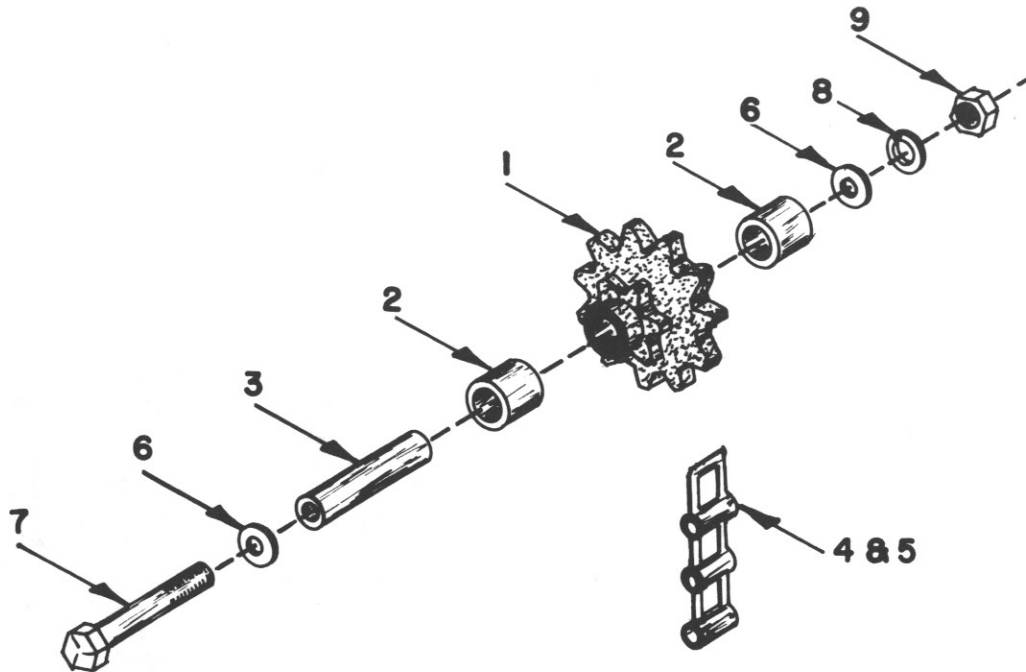


Item	Part No.	Description	No. Used
1	S-3198	Pressure Shaft Extension	1
2	S-3201	Chain Bracket on Hitch	2
3	S-3202	Chain — 5/16" x 74"	2
4	S-3203	Hitch Hold Down Tube	2
5	S-3204	Right Hitch Brace	1
6	S-3205	Left Hitch Brace	1
7	S-3206	Right Stabilizer Tube	1
8	S-3207	Left Stabilizer Tube	1
9	S-3208	Right Half Spreader Bar	1
10	S-3209	Left Half Spreader Bar	1

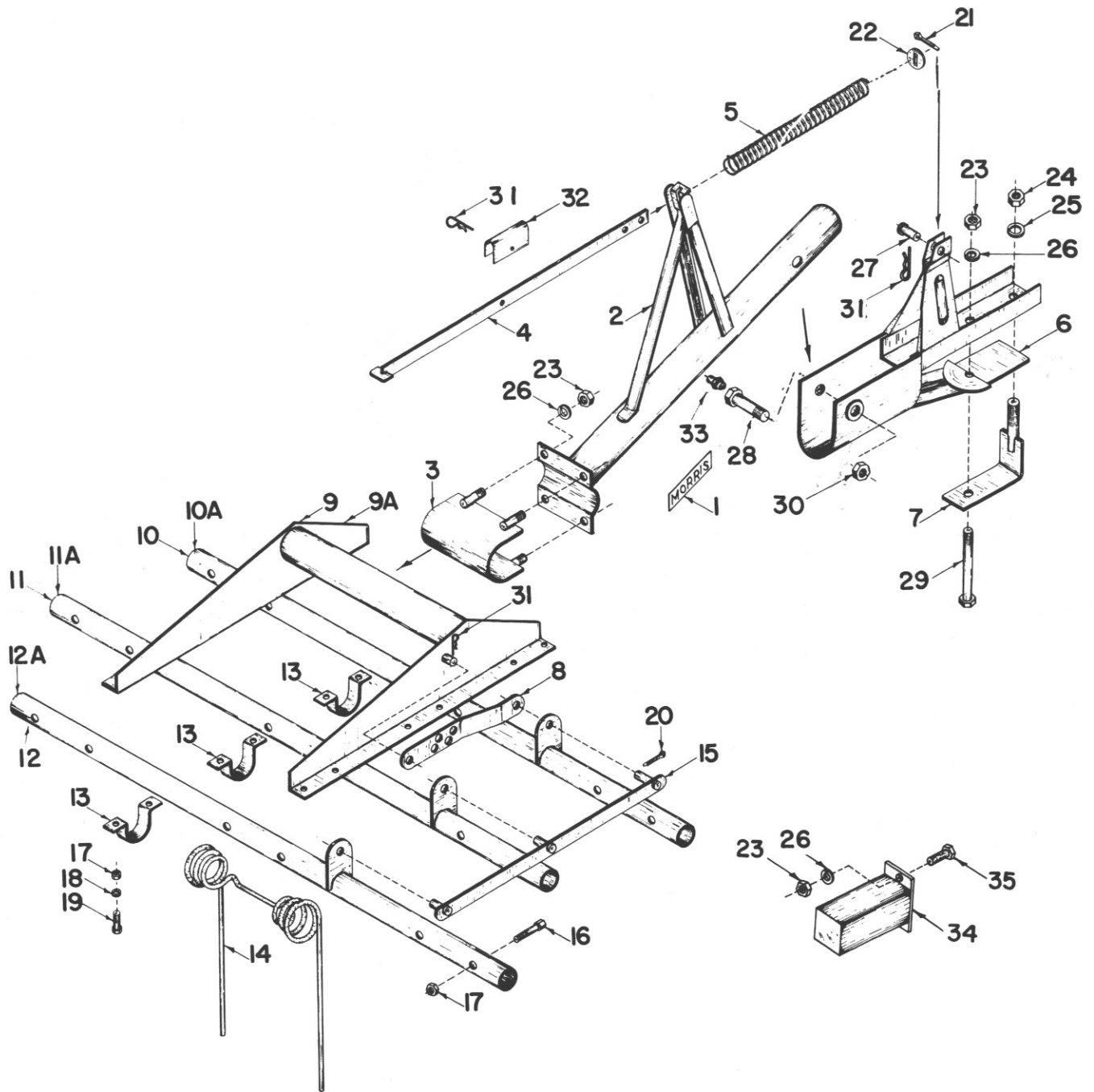
Item	Part No.	Description	No. Used
11	S-3210	Drag Bar Extension	1
12	S-3211	Clamp	1
13	S-3212	Bumper Plate Bracket	1
14	S-1886	Roller Bracket	1
15	S-1885	Roller	1
16	S-1884	Roller Pin — 1" x 7 ³ / ₄ "	1
17	S-752	Grease Nipple — 1/4" Straight	1
18	W-535	Cotter Pin — 1/4" x 1 1/2"	1
19	S-1890	L-Shaped Bolts	2
20	S-1892	Hex Head Bolt — 7/16" x 1 3/4"	2
21	W-524	Lockwasher — 7/16"	2
22	W-515	Hex Nut — 7/16"	2
23	W-525	Lockwasher — 1/2"	14
24	W-516	Hex Nut — 1/2"	14
25	S-1888	Right Stabilizer Tube Bracket	1
26	S-1889	Left Stabilizer Tube Bracket	1
27	W-486	Hex Head Bolt — 1/2" x 1 1/2"	3
28	W-479	Hex Head Bolt — 3/8" x 2 1/4"	2
29	W-488	Hex Head Bolt — 1/2" x 2"	2
30	W-523	Lockwasher — 3/8"	1
31	W-514	Hex Nut — 3/8"	1
32	S-1404	Hitch Pin — 1"	8
33	BW-11	Hair Pin — 3/16"	8
34	S-1891	L-Shaped Pin	1
35	S-1401	Pin Stop (Curved)	1
36	W-495	Hex Head Bolt — 1/2" x 4"	5
37	S-1400	Pin Stop	2
38	S-1403	Set Screw Handle	2
39	S-1402	Hitch Stand Pivot	2
40	S-1399	Hitch Stand	2
41	S-1407	Spring — 1/4" O.D. x 1 3/4"	2
42	W-539	Flat Washer — 1/2"	3
43	W-534	Cotter Pin — 1/4" x 1 1/4"	2
44	S-1405	Hydraulic Hose Clip	2
45	S-1406	Spring — 9/16" O.D. x 2"	2
46	W-538	Flat Washer — 3/8"	2
47	W-478	Hex Head Bolt — 3/8" x 2"	2
48	W-131	Hair Pin — .148	3
49	W-7	Hose Holder	1
50	S-1376	Hydraulic Hose — 3/8" x 12 Ft.	4
51	S-1408	Hitch Holder Bracket	2
52	W-487	Hex Head Bolt — 1/2" x 1 3/4"	2
53	W-572	Square Head Set Screws — 1/2" x 5/8"	2
54	S-1292	Jam Nut — 1/2"	2
55	W-493	Hex Head Bolt — 1/2" x 3 1/2"	2
56	W-1469	Pipe Clamp	2
57	S-1394	Main Hitch	1
	S-3199	Special Ground Rod	1
	S-3134	Feed Cup Assembly (see page 30)	1
	S-101	Shoulder Bolts (see page 6)	1
	S-1183	Deflector (see page 6)	1
	S-996	Sweep (see page 6)	1
	S-1993	Grain Tube Cover (see page 9)	1
	S-89	Sweep Bolt (see page 6)	1



Item	Part No.	Description	No. Used
1	S-3213	Main Body	1
2	S-1410	Telescoping Section	1
3	S-1401	Pin Stop	1
4	S-1404	Hitch Pin — 1" Diameter	1
5	S-1411	Pin — $\frac{3}{4}$ " x 4"	1
6	S-1933	"U" Bolt — 10 $\frac{1}{4}$ "	1
7	S-1934	"U" Bolt — 14 $\frac{1}{4}$ "	1
8	W-495	Hex Head Bolt — $\frac{1}{2}$ " x 4"	1
9	W-525	Lockwasher — $\frac{1}{2}$ "	4
10	W-516	Hex Nut — $\frac{1}{2}$ "	6
11	W-534	Cotter Pin — $\frac{1}{4}$ " x 1 $\frac{1}{4}$ "	1
12	BW-11	Hair Pin — $\frac{3}{16}$ "	2

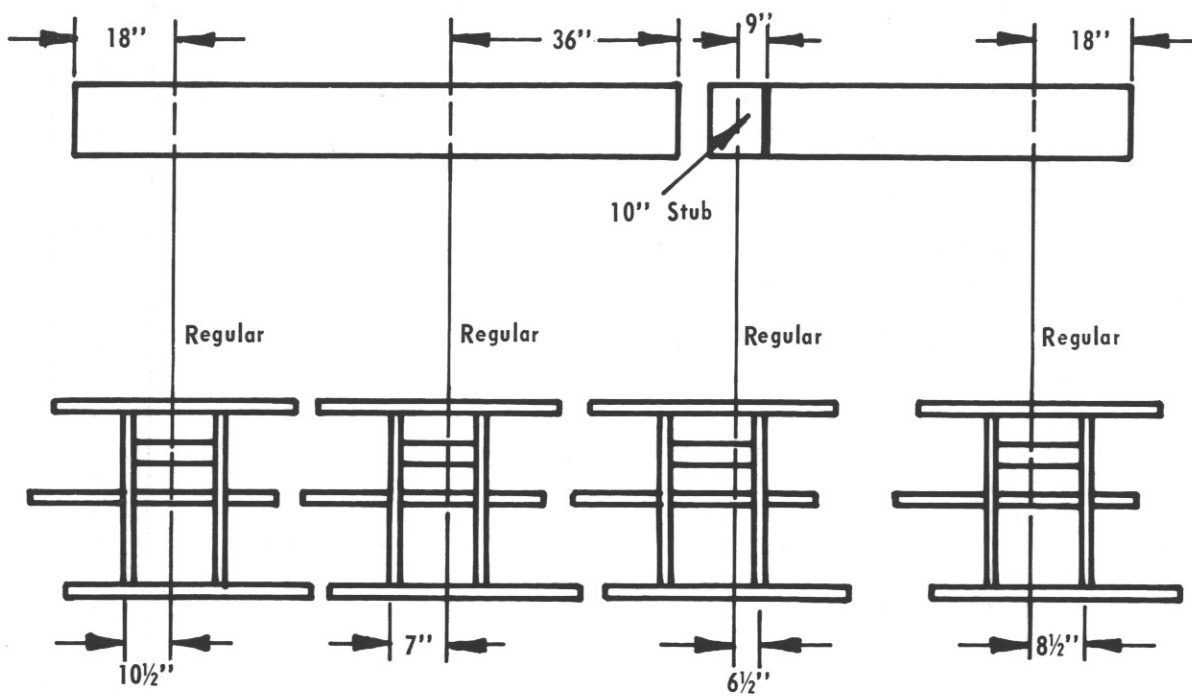


Item	Part No.	Description	No. Used
1	S-1262	Double Sprocket Assembly — 1-6T & 1-11T (Incl. Item 2)	2
2	S-141	Oilite Bushing — 1¼" x 1" O.D. x 1" I.D. x 1"	4
3	S-1305	Axle Shaft	2
4	S-111	21 Link Chain — #51 Link	2
5	S-1301	18 Link Chain — #51 Link	2
6	W-538	Plain Washer — 3/8"	4
7	S-1299	Hex Head Bolt — 3/8" x 4½"	2
8	W-523	Lockwasher — 3/8"	2
9	W-514	Hex Nut — 3/8"	2
	S-1313	Slow Speed Kit Assembly for 80-18 (Incl. all above items)	



Item	Part No.	Description	No. Used	
			4½'	6'
1	H-1813	Morris Decal	1	1
2	H-3143	Carrier Arm	1	1
3	H-1589	Clamp	1	1
4	H-3144	Lift Bar	1	1
5	H-1814	Pressure Spring	1	1
6	H-3145	Mounting Bracket	1	1
7	H-3014	Clamp (Mounting Bracket)	1	1
8	H-1596	Adjustment Lever	1	1
9	H-1584	Harrow Head — 4½' (1.37 m.)	1	—
9A	H-1585	Harrow Head — 6' (1.83 m.)	—	1
10	H-1586	Front Carrier Pipe — 4½' (1.37 m.)	1	—
10A	H-1587	Front Carrier Pipe — 6' (1.83 m.)	—	1
11	H-1742	Centre Carrier Pipe — 4½' (1.37 m.)	1	—
11A	H-1744	Centre Carrier Pipe — 6' (1.83 m.)	—	1
12	H-1743	Rear Carrier Pipe — 4½' (1.37 m.)	1	—
12A	H-1745	Rear Carrier Pipe — 6' (1.83 m.)	—	1
13	H-1593	Clamp	6	6
14	H-1791	Harrow Tine — 3/8" x 16" (.97 x 40.64 cm.)	9	12
15	H-1595	Connecting Bar	1	1
16	H-3024	Hex Head Bolt — 3/8" x 2" W/Special Head	18	24
17	W-514	Hex Nut — 3/8"	30	36
18	W-523	Lockwasher — 3/8"	12	12
19	W-475	Hex Head Bolt — 3/8" x 1"	12	12
20	W-907	Cotter Pin — 5/32" x 3/4"	3	3
21	H-3152	Cotter Pin — 3/16" x 1/4"	1	1
22	H-3151	Washer (Slotted)	1	1
23	W-516	Hex Nut — 1/2"	5	5
24	W-517	Hex Nut — 5/8"	2	2
25	W-526	Lockwasher — 5/8"	1	1
26	W-525	Lockwasher — 1/2"	5	5
27	H-3159	Clevis Pin — 3/8" x 1"	1	1
28	H-3051	Hex Head Bolt — 5/8" x 4 1/4" W/Special Thread	1	1
29	W-496	Hex Head Bolt — 1/2" x 5 1/2"	1	1
30	W-1472	Jam Nut — 5/8"	1	1
31	W-131	Hair Pin — .148	3	3
32	H-3256	Hold Up Bracket	1	1
33	S-752	Grease Nipple — 1/4" Straight	1	1
34	H-3052	Stub — For Harrow	1	1
35	W-486	Hex Head Bolt — 1/2" x 1 1/2"	2	2
	H-3073	Carrier Arm Assembly (Includes 1 to 7 & 21 to 33)		

80-18



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S-1152	37	6	S-1296	13	14	S-1903	43	17	S-3140	30	7
S-1155	16	3	S-1297	11	14	S-1904	43	16	S-3143	49	2
S-1156	2	7	S-1299	47	7	S-1905	43	18	S-3144	49	4
S-1159	9	6	S-1301	47	5	S-1906	43	5	S-3145	49	6
S-1161	3	55	S-1305	47	3	S-1907	43	9	H-3151	49	22
S-1162	3	51	S-1311	17	8	S-1908	43	11	H-3152	49	21
S-1168	32	2	S-1360	7	34	S-1909	43	8	W-3157	29	8
S-1169	32	6	W-1362	19	24	S-1910	43	19	W-3158	29	10
S-1173	3	53	S-1376	45	50	S-1911	43	7	H-3159	49	27
S-1174	3	45	W-1383	17	11	S-1912	43	10	S-3187	37	11
S-1175	37	25	S-1394	45	57	S-1913	43	1	S-3188	37	13
S-1180	13	2	S-1399	45	40	S-1914	43	4	S-3189	37	15
S-1181	11	2	S-1400	45	37	S-1915	43	12	S-3190	37	12
S-1183	7	20	S-1401	45	35	S-1916	43	13	S-3198	44	1
S-1186	7	14	S-1402	45	39	S-1918	8	3	S-3200	43	3
S-1188	3	26	S-1403	45	38	S-1919	8	8	S-3201	44	2
S-1190	7	35	S-1404	45	32	S-1920	8	20	S-3202	44	3
S-1191	3	31	S-1405	45	44	S-1921	8	5	S-3203	44	4
S-1192	31	16	S-1406	45	45	S-1924	43	21	S-3204	44	5
S-1193	11	18	S-1407	45	41	S-1925	43	29	S-3205	44	6
S-1195	37	18	S-1408	45	51	S-1933	46	6	S-3206	44	7
S-1196	31	21	S-1410	46	2	S-1934	46	7	S-3207	44	8
S-1199	11	24	S-1411	46	5	C-2003	39	15	S-3208	44	9
S-1202	15	28	C-1429	34	8	C-2004	39	12	S-3209	44	10
S-1203	15	31	W-1469	45	56	C-2005	39	13	S-3210	45	11
S-1204	33	11	W-1472	49	30	C-2006	39	14	S-3211	45	12
S-1206	17	6	W-1558	11	39	C-2007	39	10	S-3212	45	13
S-1207	17	10	H-1584	49	9	C-2008	39	9	S-3213	46	1
S-1208	27	13	H-1585	49	9A	C-2011	39	6	S-3242	13	5
S-1212	33	10	H-1586	49	10	C-2016	38	10	S-3243	11	5
S-1215	37	3	H-1587	49	10A	C-2017	38	11	S-3251	30	2
S-1216	37	4	H-1589	49	3	C-2019	38	13	H-3256	49	32
S-1217	16	4	H-1593	49	13	C-2022	39	7	V-3262	7	9
S-1220	3	48	H-1595	49	15	C-2023	38	4	M-3388	7	50
S-1231	3	19	H-1596	49	8	C-2025	38	9	S-3474	11	34
S-1233	41	3	H-1742	49	11	C-2028	39	11	S-3475	11	33
S-1234	41	4	H-1743	49	12	C-2029	39	3	S-3476	11	36
S-1235	41	6	H-1744	49	11A	C-2030	38	5	S-3480	13	36
S-1236	41	7	H-1745	49	12A	C-2031	38	8	S-3481	11	37
S-1237	41	8	S-1779	13	1	C-2036	39	23	S-3482	13	34
S-1238	41	9	S-1780	11	1	C-2037	39	8	S-3483	11	35
S-1239	41	11	H-1791	49	14	C-2039	39	41	S-3756	11	9
S-1240	41	12	S-1795	7	16	C-2128	34	1	S-3757	11	11
S-1241	41	10	S-1796	7	17	C-2129	34	2	S-3758	11	10
S-1257	15	17	S-1796	7	18	C-2166	38	6	S-3782	8	21
S-1258	3	14	S-1798	7	19	C-2167	38	1			
S-1261	7	4	H-1813	49	1	C-2168	38	7			
S-1262	47	1	H-1814	49	5	C-2169	39	1			
S-1264	2	6	S-1823	7	29	C-2179	38	3			
S-1265	5	8	W-1846	27	27	C-2180	38	2			