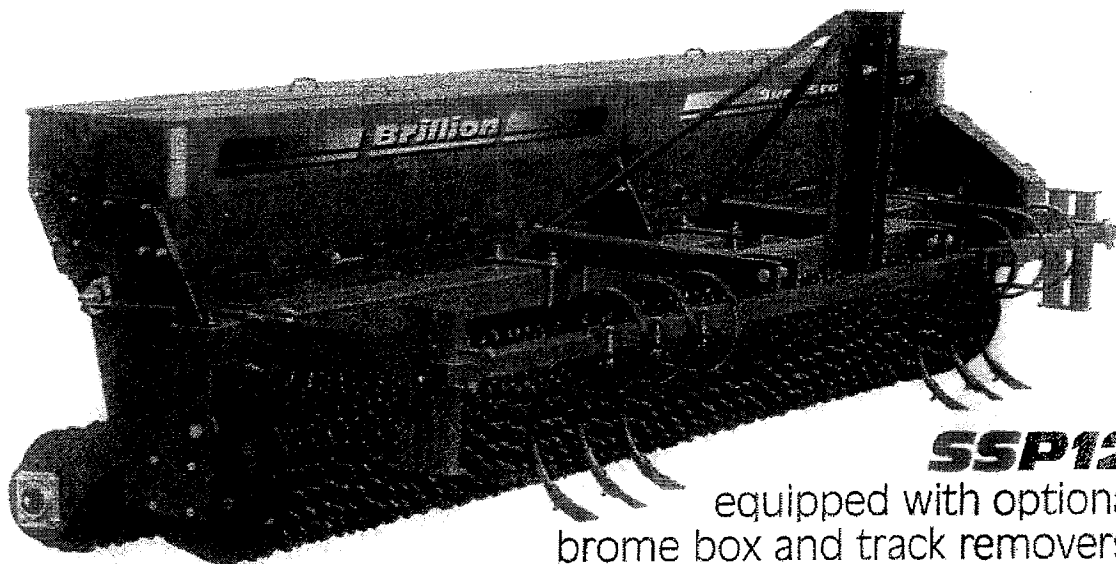


# REPAIR PARTS CATALOG

# **Brillion**

## **SS12 SURE STAND** GRASS SEEDER

**MODELS:**   SS12   SSD12   SSB12   SSBD12  
              SSP12   SSPD12   SSBPD12



**SSP12**  
equipped with optional  
brome box and track removers.

### IMPORTANT!

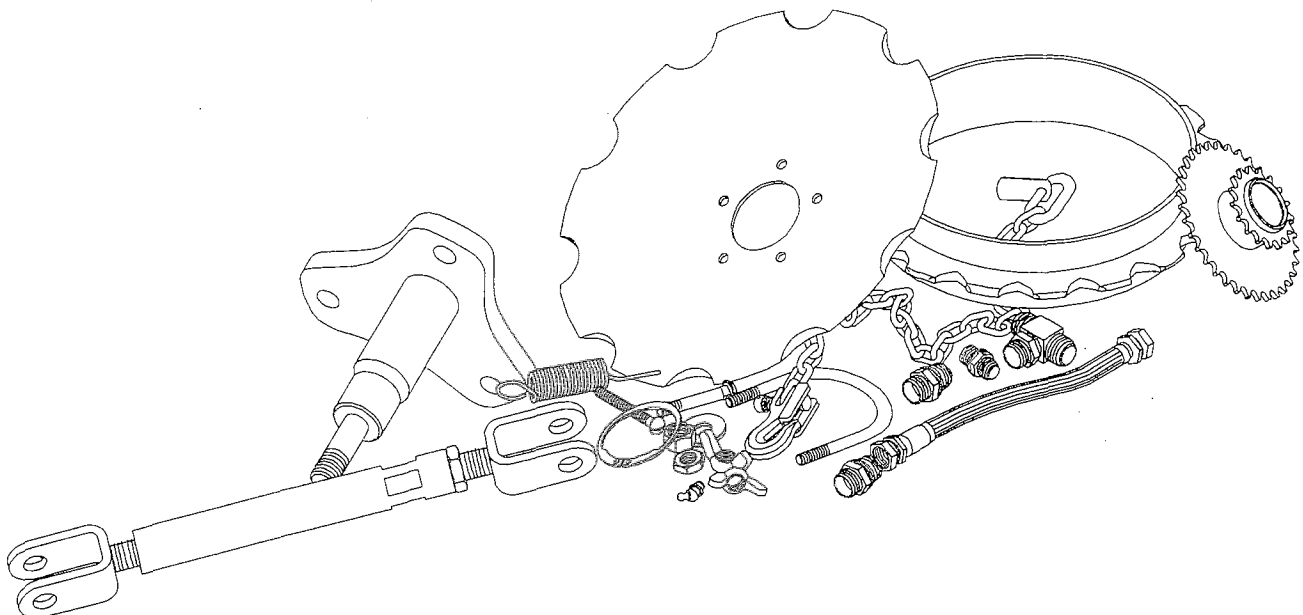
Repairs cannot be purchased  
retail direct from factory.  
Order through your Brillion dealer.

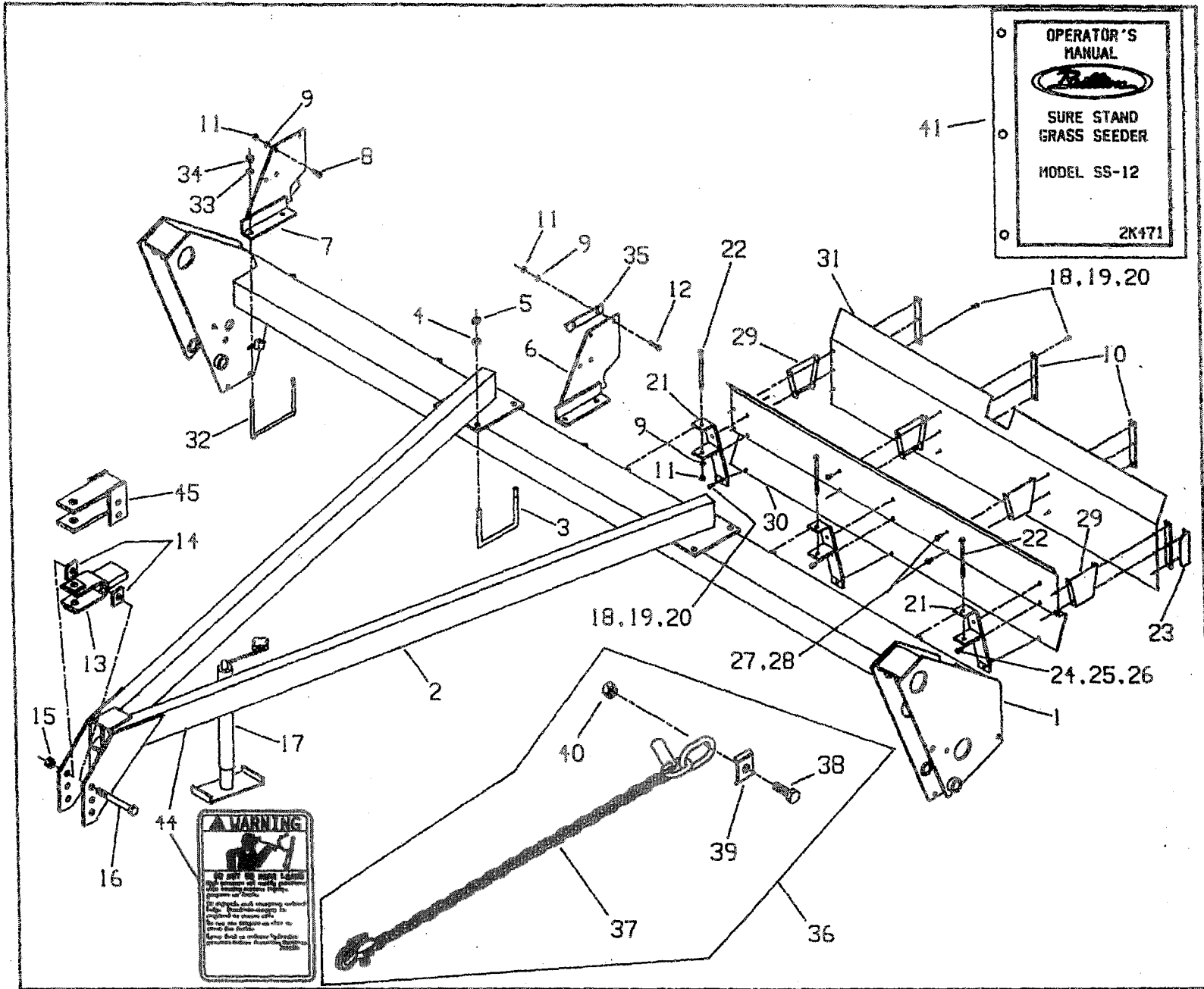
BRILLION IRON WORKS, INC.,  
BRILLION, WISCONSIN 54110

# REPAIR PARTS

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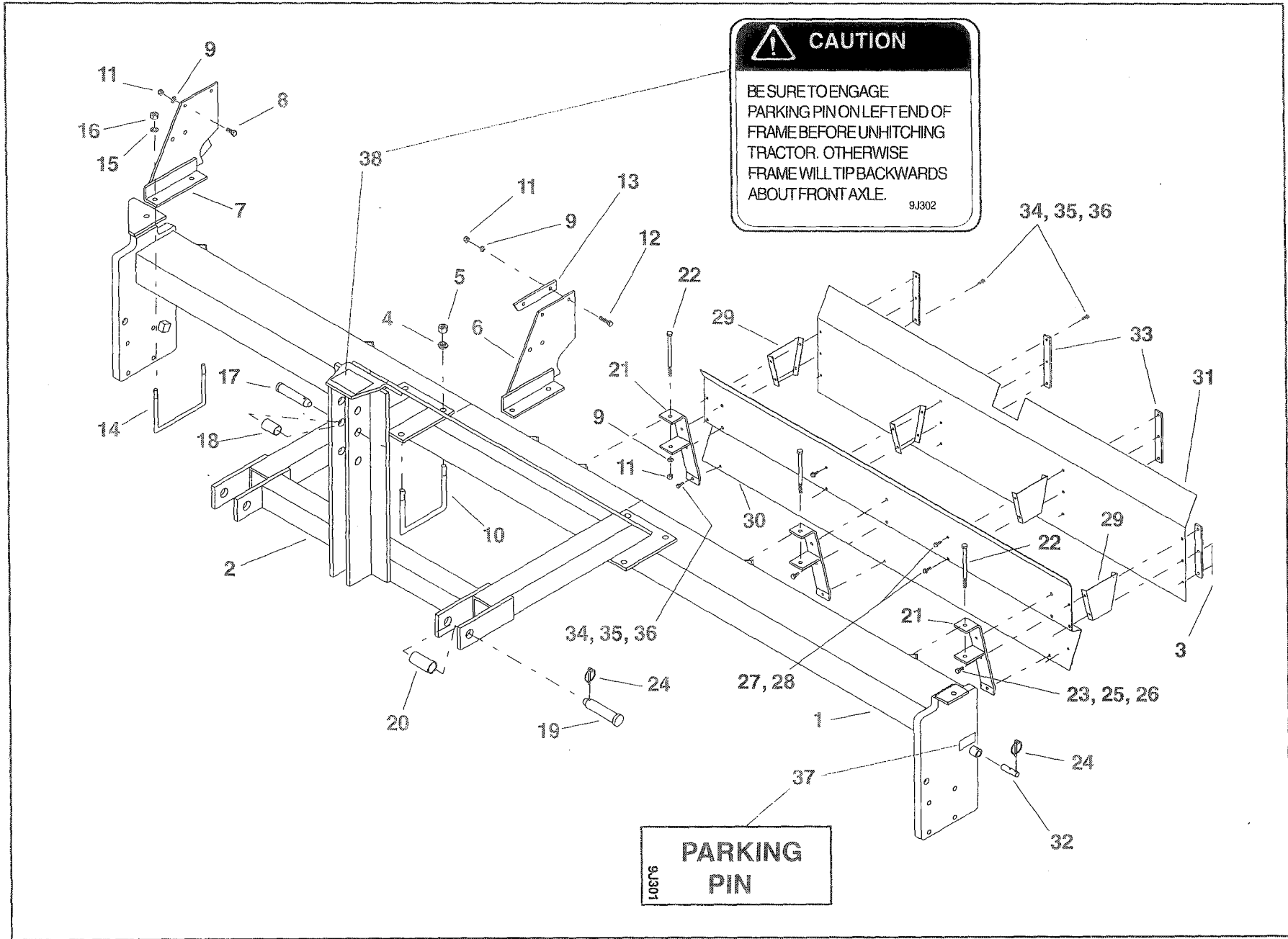
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PULL TYPE FRAME AND MOUNTING HARDWARE

Index No.	Part No.	Description	No. Req'd.	Weight
1	2K456	Frame	1	280.0
2	9J353	Drawbar	1	140.0
3	7J990	U-Bolt, 5/8-11 NC	4	1.2
4	1B166	Lock Washer, 5/8 Reg.	8	.02
5	1C392	Nut, 5/8-11 NC Hex	8	.07
6	9J359	Center Support	1	8.2
7	9J362	End Plate, R.H.	1	9.6
8	4C803	Cap Screw, 3/8-16 NC x 1	2	.04
9	1C183	Lock Washer, 3/8 Reg.	10	.01
10	2K489	Strap	8	.46
11	1C277	Nut, 3/8-16 NC Hex	10	.02
12	2C641	Cap Screw, 3/8-16 NC x 1 1/2	2	.05
13	9J357	Clevis (used prior to April 1, 1997)	1	7.7
14	9D768	Spacer	2	.4
15	6C729	Nut, 3/4-10 Stover	2	.1
16	6D300	Cap Screw, 3/4-10 x 6, Gr. 5	2	.8
17	4J867	Drawbar Jack	1	17.0
	6K458	Replacement Pin, 9/16" with chain & screw	1	.36
18	1C229	Cap Screw, 1/4-20 NC x 3/4	30	.01
19	1C354	Lock Washer, 1/4 Reg.	30	-
20	1C355	Nut, 1/4-20 NC Hex	30	.01
21	2K490	Deflector Bracket	6	2.23
22	2K704	Cap Screw, 3/8-16 NC x 5 1/2	6	.18
23	2K488	Outside Shield	2	.22
24	1C237	Cap Screw, 5/16-18 NC x 3/4	12	.02
25	1C362	Lock Washer, 5/16 Reg.	12	-
26	1C385	Nut, 5/16-18 NC Hex	12	.01
27	6J150	Flanged Lock Nut, 1/4-20 NC	16	.01
28	7J140	Flanged Screw, 1/4-20 NC x 3/4, Hex Head	16	.01
29	2K487	End Shield, Deflectors	8	.41
30	2K485	Front Deflector	2	17.0
31	2K486	Rear Deflector	2	16.8
32	4J918	U-Bolt, 1/2-13 NC	2	.76
33	1C109	Lock Washer, 1/2 Reg.	4	-
34	1C390	Nut, 1/2-13 NC Hex	4	.04
35	9J360	Strap	1	.55
36	1K822	SAFETY CHAIN KIT (Includes items 37-40)	1	9.0
37	1K731	Safety Chain, 10, 100#	1	4.76
38	1D424	Cap Screw, 3/4-10 x 2, Grade 5	1	.37
39	1K809	Clip for Safety Chain	1	.36
40	6C729	Stover Nut, 3/4-10 NC Hex	1	.12
41	2K471	OPERATOR'S MANUAL for SS12 SEEDER	1	-
42	2K530	Decal Package for SS12 with agitator box kit	1	-
43	2K528	Decal Package for SS12 without agitator box kit	1	-
44	3K706	Decal, Hydraulic Leak	1	-
45	4K636	Hitch (used after April 1, 1997)	1	11.8

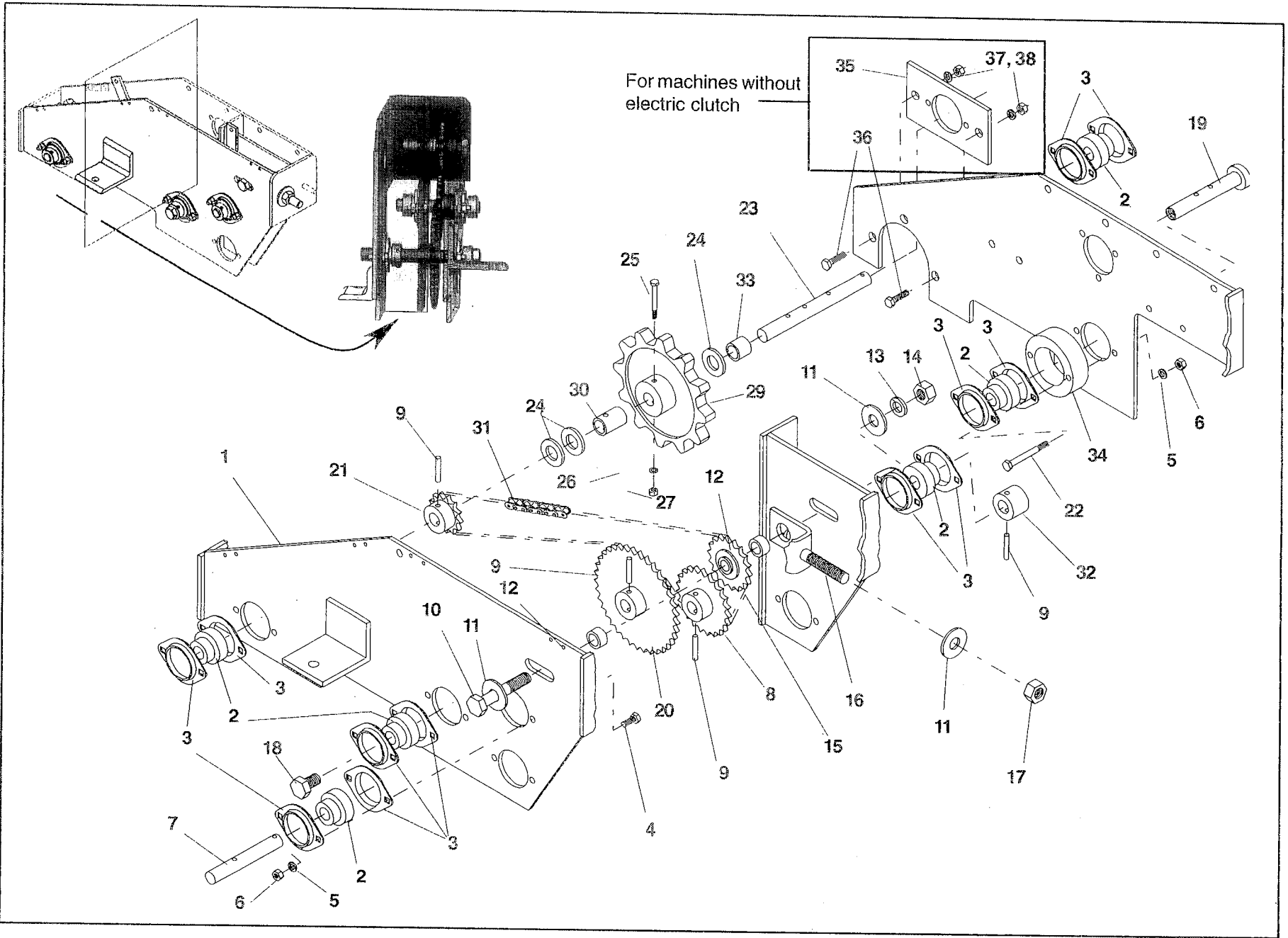


**CAUTION**  
BE SURE TO ENGAGE  
PARKING PIN ON LEFT END OF  
FRAME BEFORE UNHITCHING  
TRACTOR. OTHERWISE  
FRAME WILL TIP BACKWARDS  
ABOUT FRONT AXLE.  
9J302

**PARKING  
PIN**  
9J301

THREE POINT HITCH  
FRAME AND MOUNTING HARDWARE

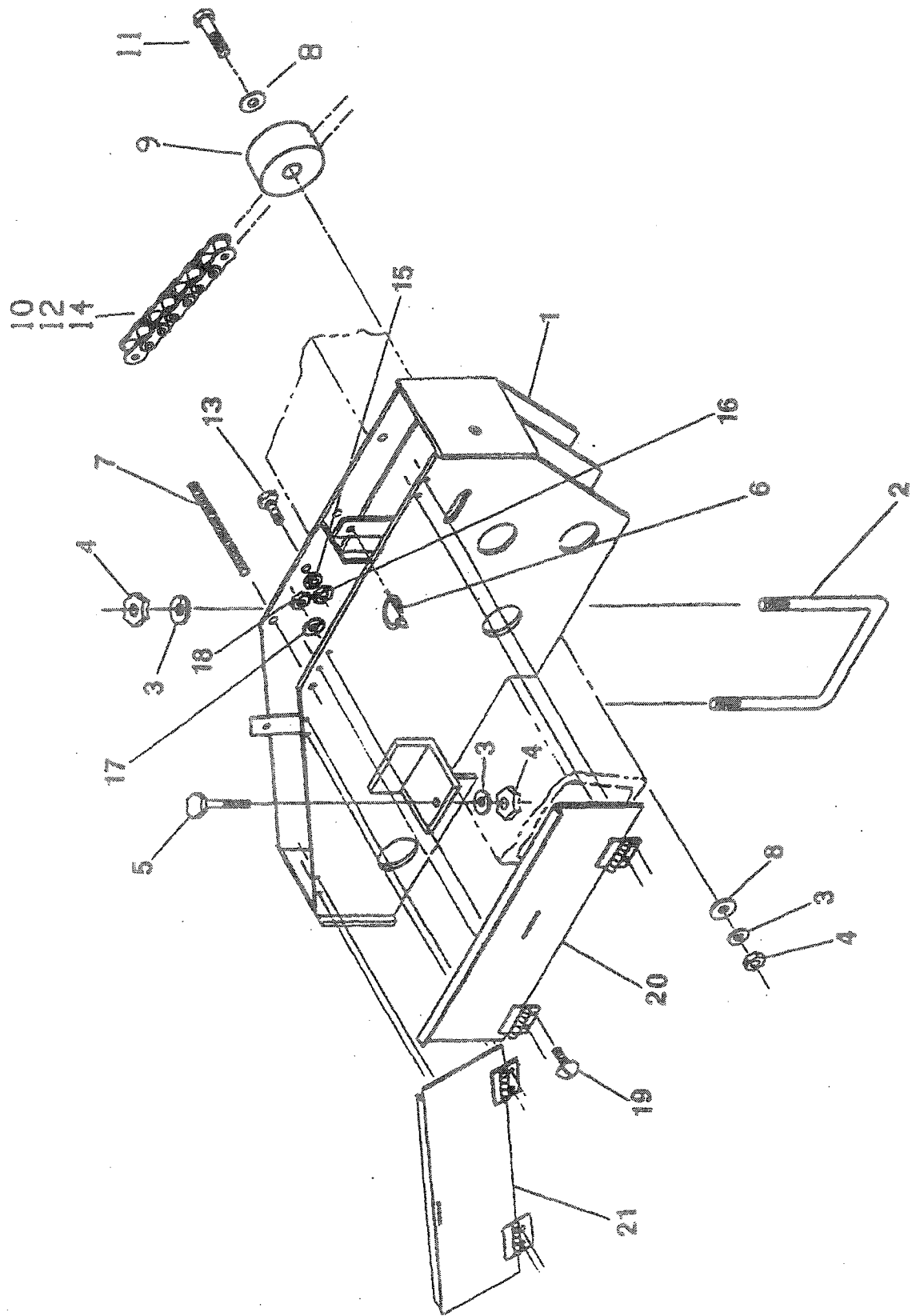
Index No.	Part No.	Description	No. Req'd.	Weight
1	6k648	Frame	1	279
2	9J442	Three Point Hitch	1	165.0
3	2K488	Outside Shield	2	.22
4	1B166	Lock Washer, 5/8 Reg.	8	.02
5	1C392	Nut, 5/8-11 NC Hex	8	.07
6	9J359	Center Support	1	8.45
7	9J362	End Plate, R.H.	1	10.26
8	4C803	Cap Screw, 3/8-16 NC x 1	2	.04
9	1C183	Lock Washer, 3/8 Reg.	10	-
10	7J990	U-Bolt, 5/8-11 NC	4	1.2
11	1C277	Nut, 3/8-16 NC Hex	10	.02
12	2C641	Cap Screw, 3/8-16 NC x 1 1/2	2	.05
13	9J360	Strap	1	.55
14	4J918	U-Bolt, 1/2-13 NC	2	.76
15	1C109	Lock Washer, 1/2 Reg.	4	.01
16	1C390	Nut, 1/2-13 NC Hex	4	.04
17	6D529	Clevis Pin, 1 dia., x 4 1/2	1	1.0
18	5D157	Sleeve	1	.22
19	5D156	Clevis Pin, 1-1/8 dia. x 5	2	1.46
20	5D158	Sleeve	2	.48
21	2K490	Deflector Bracket	6	2.23
22	2K704	Cap Screw, 3/8-16 NC x 5 1/2	6	.18
23	1C237	Cap Screw, 5/16-18 NC x 3/4	12	.02
24	5D110	Klik Pin, 1/4 dia.	4	.05
25	1C362	Lock Washer, 5/16 Reg.	12	-
26	1C385	Nut, 5/16-18 NC Hex	12	.01
27	6J150	Flanged Lock Nut, 1/4-20 NC	16	-
28	7J140	Flanged Screw, 1/4-20 NC x 1/2, Hex Head	16	-
29	2K487	End Shield, Deflectors	8	.41
30	2K485	Front Deflector	2	17.0
31	2K486	Rear Deflector	2	16.8
32	6k649	Pin, 5/8 dia. x 2 15/16	1	.25
33	2K489	Strap	8	-
34	1C229	Cap Screw, 1/4-20 NC x 3/4	30	.01
35	1C354	Lock Washer, 1/4 Reg.	30	-
36	1C355	Nut, 1/4-20 NC Hex	30	.01
37	9J301	Decal, (Parking Pin)	1	-
38	9J302	Decal, CAUTION	1	-
39	2K532	Decal Package for SSP12 with agitator box kit	1	-
40	2K531	Decal Package for SSP12 without agitator box kit	1	-



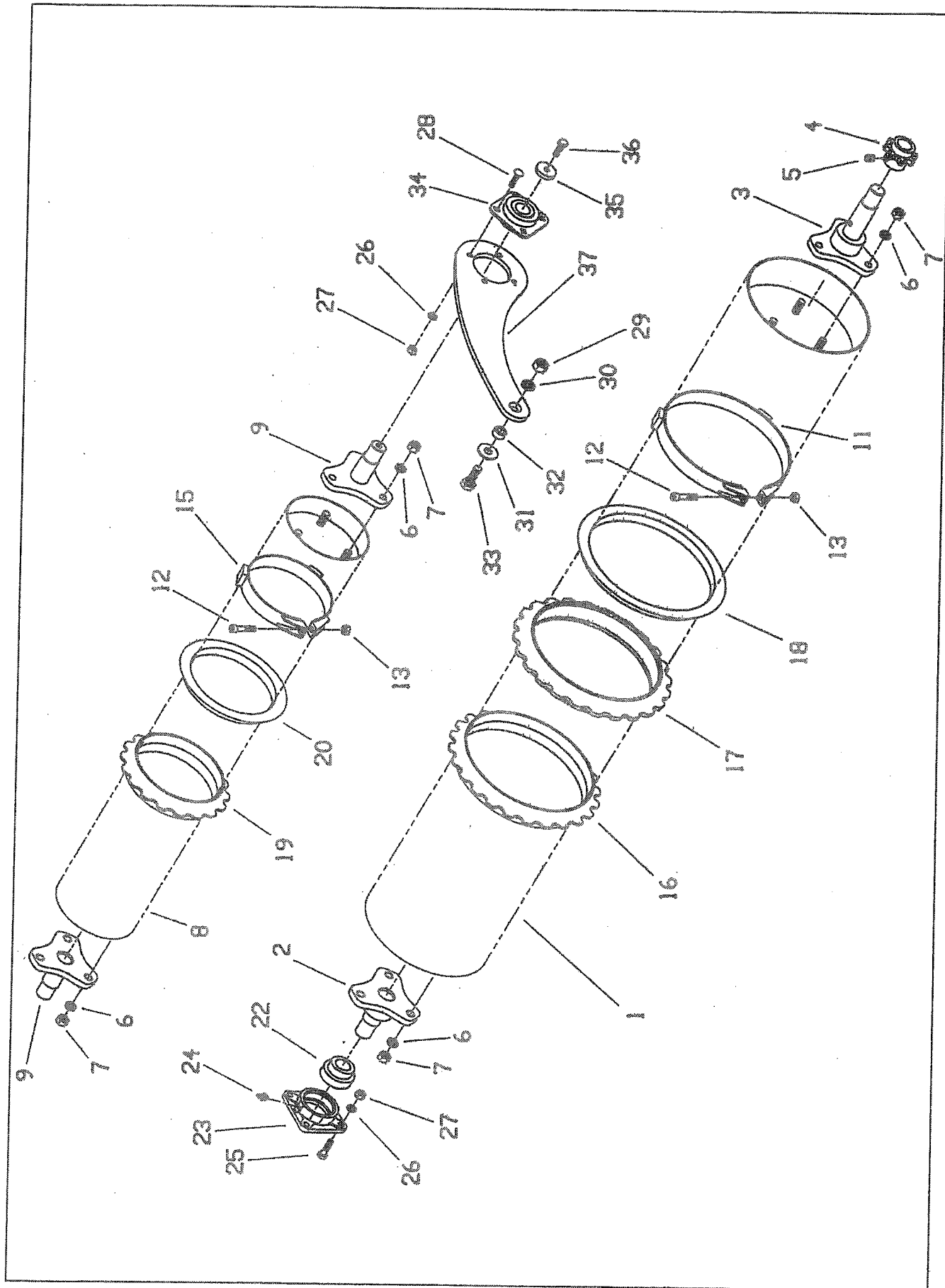
DRIVE SPROCKET & CHAIN ASSEMBLY

Index No.	Part No.	Description	No. Req'd.	Weight
1	9J367	Transmission Case	1	46.9
2	1D598	Bearing and Collar, 3/4 Bore	6	.45
3	2K503	Flangette Half	12	.10
4	1C361	Cap Screw, 5/16-18 NC x 1	10	.03
5	1C362	Lock Washer, 5/16 Reg.	12	-
6	1C385	Nut, 5/16-18 NC Hex	12	.01
7	9J389	Output Shaft	1	.56
8	9D854	Sprocket, 23 Tooth	1	.95
9	1C659	Roll Pin, 1/4 dia. x 1 1/2	4	-
10	2C302	Cap Screw, 5/8-11 NC x 3 1/2	1	.35
11	1C122	Flat Washer, 5/8 Std.	3	.08
12	9J391	Spacer Bushing	2	.06
13	1B166	Lock Washer, 5/8 Reg.	1	.02
14	1C392	Nut, 5/8-11 NC Hex	1	.07
15	9J378	Idler Sprocket, 18 Tooth	1	.47
16	9J379	Yoke	1	1.13
17	5C461	Stover Nut, 5/8-11 NC	1	.07
18	6C098	Cap Screw, 5/8-11 NC x 1	1	.15
19	6K516	Drive Tube	1	.37
20	9J377	Sprocket, 37 Tooth	1	3.6
21	9D772	Sprocket, 13 Tooth	1	.44
22	1C499	Cap Screw, 5/16-18 NC x 2	2	.05
23	9J385	Input Shaft	1	.96
24	2C458	Flat Washer, 3/4 SAE	3	.05
25	2K501	Cap Screw, 1/4-20 NC x 2 1/2, Gr. 5	1	.04
26	1C354	Lock Washer, 1/4 Reg.	1	-
27	1C355	Nut, 1/4-20 NC Hex	1	.01
28	2K502	Sprocket with Bushing (items 29 & 30)	1	4.3
29	2K505	Sprocket	1	4.2
30	2C332	Bushing	1	.13
31	2K504	Roller Chain #40 - 110 Pitches	1	1.89
	1C476	Chain Connector Link, #40 Spring Lock	1	-
32	9J411	Coupling (for 9J416 Kit)	1	.42
33	7J422	Bushing	1	.08
34	2K538	Spacer	1	1.81
35	4K928	Plate	1	1.17
36	1C334	Capscrew, 1/2-13 NC x 1 1/4" Long	2	.12
37	1C109	Lockwasher, 1/2"	2	.01
38	1C390	Nut, 1/2-13 NC Reg.	2	.04

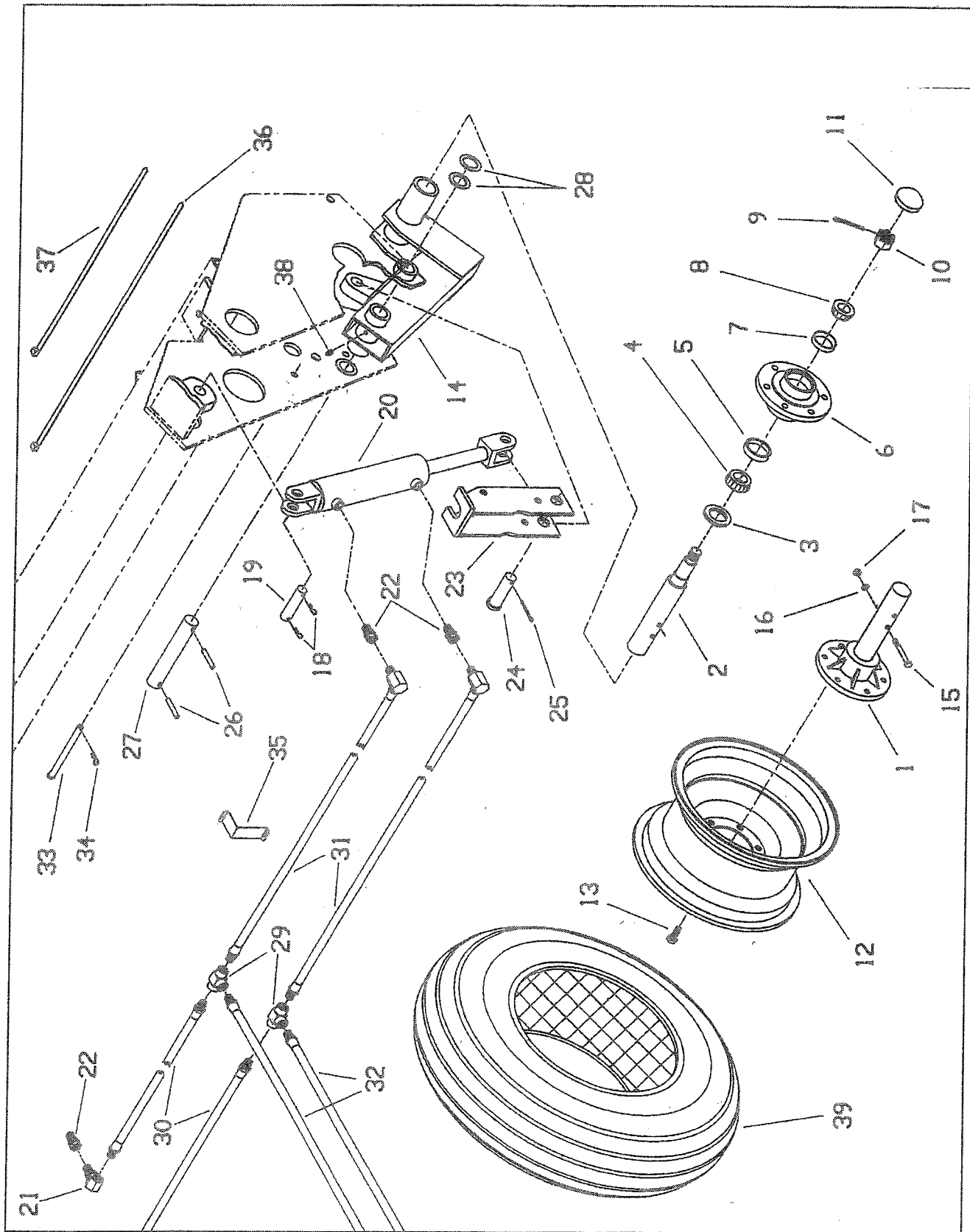




TRANSMISSION HARDWARE				
Index No.	Part No.	Description	No. Req'd.	Weight
1	9J367	Transmission Case	1	46.9
2	4J918	U-Bolt, 1/2-13 NC	1	.76
3	1C109	Lock Washer, 1/2 Reg.	4	.01
4	1C390	Nut, 1/2-13 NC Hex	4	.04
5	8C527	Cap Screw, 1/2-13 NC x 1 1/2" Long, Gr. 5	1	.12
6	5D110	Klik Pin, 1/4" dia.	2	.05
7	9J436	Stud, 3/8-16 x 5-1/2" Long	1	.17
8	9C134	Flat Washer, 1/2 SAE	2	.04
9	2K957	Idler	1	.4
10	9J924	Chain Connector, A550 (Not Shown)	1	.18
11	1C681	Cap Screw, 1/2-13 NC x 2-3/4" Long	1	.18
12	9J403	Roller Chain, A550, 28 Pitches	1	5.0
13	4C803	Cap Screw, 3/8-16 NC x 1" Long	1	.04
14	1J992	Offset Link, A550 (not shown)	1	-
15	1C183	Lock Washer, 3/8 Reg.	3	.01
16	1C277	Nut, 3/8-16 NC Hex	5	.01
17	1C372	Lock Washer, #10 Reg.	8	-
18	1C386	Nut, #10-24 NC Hex	8	-
19	1C213	Screw, Round Head, #10-24 NC x 1/2" Long	8	-
20	9J392	Cover, Top	1	1.18
21	9J395	Cover	1	1.31

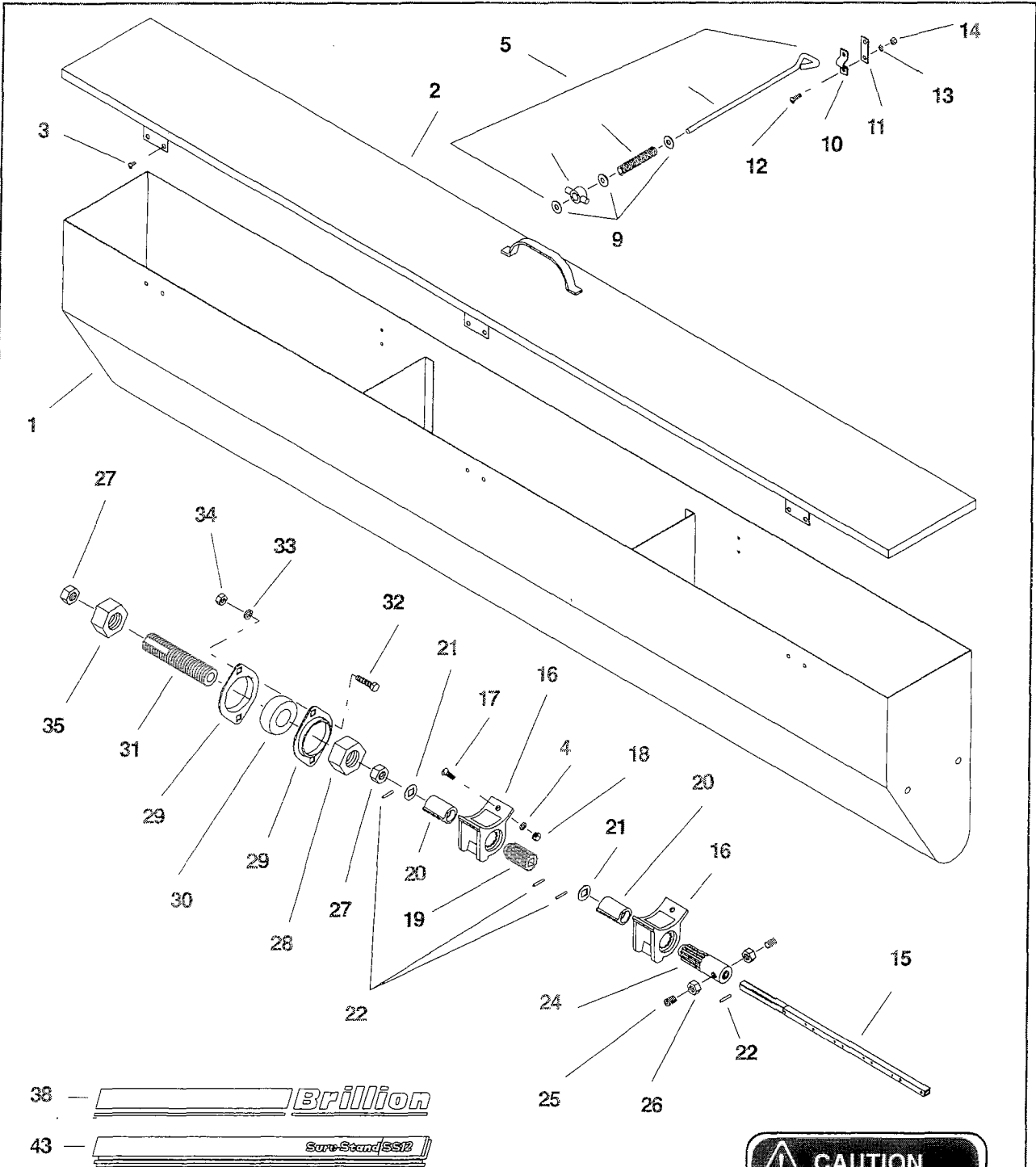


WHEEL & AXLE ASSEMBLY				
Index No.	Part No.	Description	No. Req'd.	Weight
1	2K454	Front Pipe and End Plate	1	305.0
2	9J351	R.H. Front Stub Shaft	1	9.28
3	1K470	L.H. Front Stub Shaft	1	12.4
4	4C580	Axle Sprocket	1	2.6
5	3C947	Set Screw, Hex Socket Hd., 1/2-13 NC x 3/4 Cup Pt.	1	-
6	1B166	Lock Washer, 5/8 Reg.	18	.02
7	1C392	Nut, 5/8-11 NC Hex	18	.07
8	2K455	Rear Pipe and End Plate	1	170.9
9	2K475	Rear Stub Shaft	2	7.51
10	2C802	Front Clamp Band and Bolt Assembly (items 11-13)	2	3.3
11	2C062	Front Clamp Band	2	3.2
12	4C144	Cap Screw, 1/2-13 NC x 2 1/4 Socket Hd.	4	.16
13	2C112	Lock Nut, 1/2-13 NC Heavy Elastic	4	.06
14	2C801	Rear Clamp Band and Bolt As'y (items 12,13, & 15)	2	2.5
15	2C055	Rear Clamp Band	2	2.4
16	4C688	Front Sand Wheel-Standard	61	10.4
17	9J402	Front Sand Wheel-Optional Deep (Has "V" inside wheel)	61	14.5
18	1C968	Front End Wheel	2	7.6
19	4C689	Rear Sand Wheel	62	8.4
20	2C524	Rear End Wheel	2	5.5
21	4D645	Bearing - Front (items 22-24)	2	4.7
22	9D903	Bearing 1 1/2	2	1.0
23	9D904	Flanged Housing	2	3.7
24	9D923	Grease Fitting, Alemite 1610-BL	2	-
25	1J486	Cap Screw, 1/2-13 NC x 2 1/4", Gr. 5	8	.13
26	1C109	Lock Washer, 1/2 Reg.	18	.01
27	1C390	Nut, 1/2-13 NC Hex	16	.04
28	9J559	Carriage Bolt, 1/2-13 x 1 1/2, Gr. 5	8	.12
29	1C210	Nut, 3/4-10 NC Hex	2	.12
30	1C211	Lock Washer, 3/4 Reg.	2	.04
31	1C133	Washer, 3/4 Std.	2	.11
32	9J399	Bushing	2	.1
33	6D742	Cap Screw, 3/4-10 NC x 3" Gr. 5	2	.4
34	2K316	Bearing Assembly - Rear	2	3.80
35	9J338	Washer	2	.3
36	1D442	Cap Screw, 1/2-20 NF x 1 1/4, Gr. 5	2	.10
37	2K522	Rear Arm (was 9J342)	2	14.58



HYDRAULICS & WHEEL ARMS

<u>Index No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No. Req'd.</u>	<u>Weight</u>
1	9J331	Hub & Spindle Assembly-Complete	2	14.51
2	9J330	Spindle	2	5.6
3	1D273	Seal	2	.1
4	5C480	Bearing Cone, #LM48548	2	.2
5	5C479	Bearing Cup, #LM48510	2	.1
6	1J390	Wheel Hub	2	8.6
7	5C912	Bearing Cup, #LM11910	2	.1
8	5C911	Bearing Cone, #LM11949	2	.2
9	3C350	Cotter Pin, 5/32 x 1	2	-
10	3C173	Slotted Nut, 3/4-16 NF	2	.10
11	1J463	Hub Cap	2	.2
12	6J189	Wheel, 5 Bolt (15 x 8)	2	24.0
	4C129	Wheel, 5 Bolt (15 x 5)	2	16.0
13	5C100	Wheel Bolt	10	.1
14	9J324	Wheel Arm, L. H.	1	21.78
	9J325	Wheel Arm, R. H.	1	21.78
15	8C528	Cap Screw, 1/2-13 NC x 3, Gr. 5	2	.20
16	1C109	Lock Washer, 1/2 Reg.	2	.01
17	1C390	Nut, 1/2-13 NC Hex	2	.04
18	4C856	Hairpin Cotter	4	-
19	5J650	Pin	2	.8
20	9J440	Hydraulic Cylinder, 2-1/2 x 6	2	20.0
21	1J131	90° Swivel Fitting	2	.3
22	6D716	Flow Restrictor, 1/16 dia.	4	.2
23	7J127	Cylinder Lockout	2	4.5
24	2D799	Clevis Pin, 1 dia. x 3	2	.79
25	1C788	Cotter Pin, 3/16 x 1 1/2	2	-
26	4C858	Roll Pin, 5/16 dia. x 2	4	-
27	9J400	Pin, 1-1/4 dia. x 7 5/16	2	2.48
28	4J548	Machinery Bushing	2	-
29	4D982	Tee Fitting	2	.55
30	4D980	Hydraulic Hose - 66"	2	1.81
31	9D764	Hydraulic Hose - 96"	2	2.70
32	9D303	Hydraulic Hose - 138"	2	3.22
33	9J437	Clevis Pin, 1/2 dia. x 5 3/4	2	.33
34	6J448	Hairpin Cotter	2	-
35	2K524	Hose Clip	2	.12
36	3J615	Plastic Cable Tie 1/2 x 28	6	-
37	9D851	Plastic Cable Tie 1/2 x 20	2	-
38	3C142	Grease Fitting, Alemite #1743	2	-
39	8J794	Tire, 7.60 x 15 (for 4C129 wheel)	2	27.0
	8J795	Tire, 9.5L x 15 (for 6J189 wheel)	2	33.0
	8J796	Tire, 11L x 15 (for 6J189 wheel)	2	38.0



**CAUTION**

**MOVING MACHINES CAN CAUSE INJURY. KEEP AWAY!**

1. DO NOT STAND OR WALK IN FRONT OF TRACTOR WHEN IT IS MOVING FORWARD.
2. DO NOT STAND OR WALK BETWEEN TRACTOR & IMPLEMENT WHEN EITHER OR BOTH ARE MOVING.
3. DO NOT STAND OR WALK BEHIND IMPLEMENT WHEN IT IS BEING BACKED UP.
4. DO NOT RIDE OR ALLOW OTHERS TO RIDE ON TRACTOR OR IMPLEMENT.
5. BLOCK IMPLEMENT TO PREVENT MOVEMENT WHEN UNHITCHED.

**CAUTION**

**MOVING PART HAZARD**

TO PREVENT SERIOUS INJURY FROM MOVING PARTS:


- \*KEEP COVERS CLOSED DURING OPERATION
- \*DO NOT ALLOW ANYONE TO RIDE OR CLIMB ON MACHINE DURING OPERATION.
- \*KEEP OBSERVERS AWAY.

2K123

LEFT & RIGHT FRONT SEED BOX ASSEMBLY

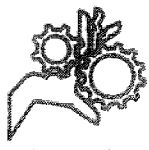
Index No.	Part No.	Description	No. Req'd.	Weight
1	2K451	Fabricated Seed Box, less cover (Order decals needed below)	2	49.75
2	2K453	Cover	2	14.78
3	3K424	Capscrew, 1/4-20 NC x 1/2"	12	-
4	1C354	Lock Washer, 1/4 Reg.	28	-
5	1C199	Pivot Lock Assembly (includes items 6-9)	4	.2
6	1C192	Pivot Lock Stem		-
7	1C212	Spring		-
8	1C193	Pivot		-
9	3C708	Flat Washer, 1/4 SAE		-
10	7D938	Cover Lock Clip	4	-
11	7D937	Wear Strip	4	-
12	1C213	Screw, #10-24 NC x 1/2 Lg. Rd. Hd.	8	-
13	1C372	Lock Washer #10 Reg.	8	-
14	1C386	Nut, #10-24 NC Hex	8	-
15	2K479	Seedmeter Shaft R.H.	1	3.03
	2K477	Seedmeter Shaft L.H.	1	3.03
16	4C589	Feedcup Assembly	24	.1
17	4C750	Machine Screw, 1/4-20 NC x 5/8	48	-
18	1C355	Nut, 1/4-20 NC Hex	48	-
19	1C242	Feed Roll	23	.2
20	1C243	Feed Cutoff	24	.3
21	1C245	Cutoff Washer	25	-
22	1C272	Shaft Pin	48	-
		RIGHT SEED BOX ONLY (items 23-35)		
23	3C356	Feed Roll Coupling Assembly (items 24-26)	1	1.3
24	1C977	Feed Roll and Shaft Coupling	1	1.3
25	1C737	Set Screw, 3/8-16 x 1/2	2	-
26	1C134	Lock Nut, 3/8-16 Light Hex	2	-
27	5C392	Stover Nut, 1/2-13 NC	2	.04
28	4D414	Nut, 1-8 NC Hex	1	.27
29	1D617	Flangette Stamping	2	.11
30	4D413	Bearing	1	.3
31	9J433	Adjusting Screw	1	.52
32	1C361	Cap Screw, 5/16-18 NC x 1	2	.03
33	1C362	Lock Washer, 5/16 Reg.	2	-
34	1C385	Nut, 5/16-18 NC Hex	2	.01
35	4D402	Seed Rate Adj. Nut	1	.25
		DECALS (for decal packages, see pages 3 & 5)		
36	2J431	Decal, Amber, Both Boxes	2	-
37	8J309	CAUTION Decal, Left Box	1	-
38	4K039	BRILLION Decal	2	-
39	9J429	Decal, Seedmeter Shafts, Both	2	-
40	2J430	Decal, Red, Both	2	-
41	2K096	Decal, Seed Rate Chart, Right Box	1	-
42	2K123	WARNING Decal	2	-
43	4K387	Decal, Surestand	1	-
	4K189	Decal, SS12	1	-



45 —  **Brillion**

46 —  **Trim**

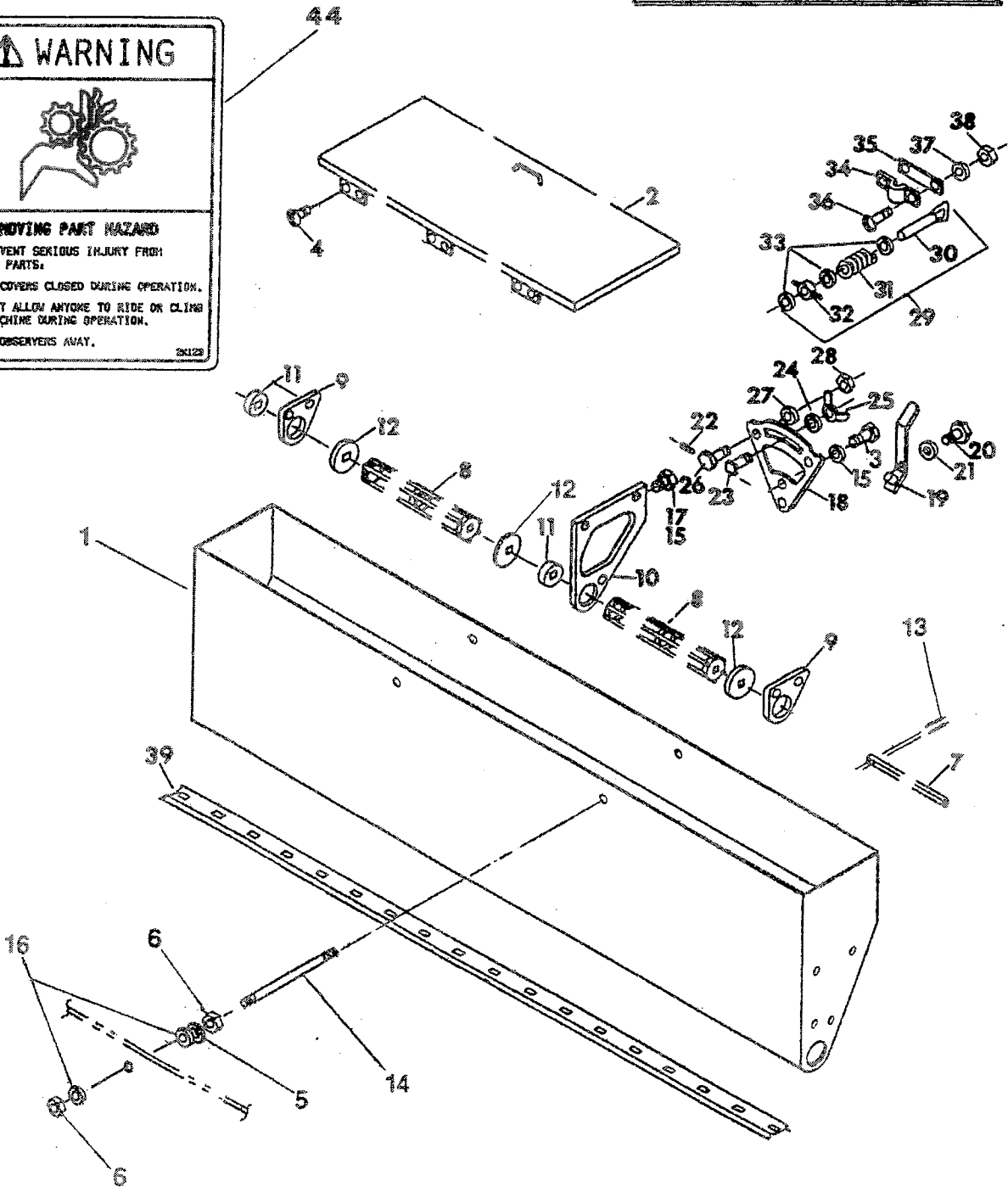
**WARNING**



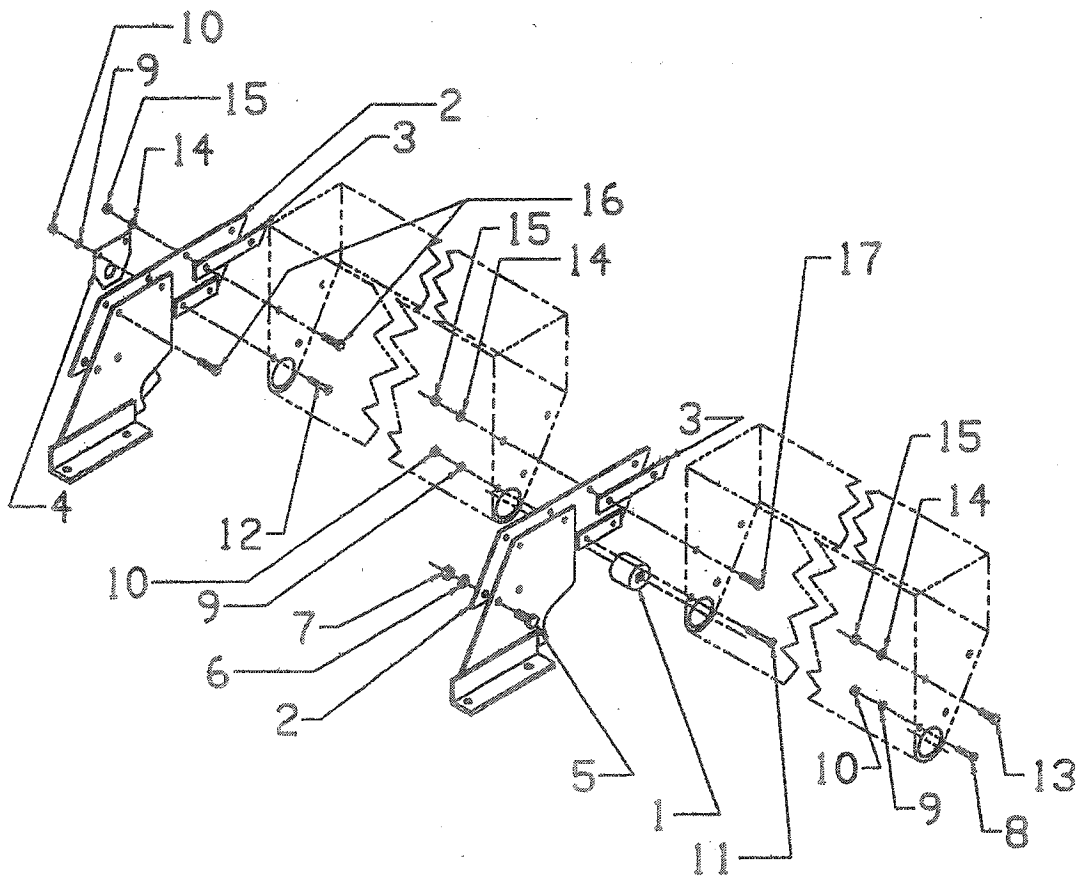
**MOVING PART HAZARD**  
TO PREVENT SERIOUS INJURY FROM MOVING PARTS:

- KEEP COVERS CLOSED DURING OPERATION.
- DO NOT ALLOW ANYONE TO RIDE OR CLING ON MACHINE DURING OPERATION.
- KEEP OBSERVERS AWAY.

2K123

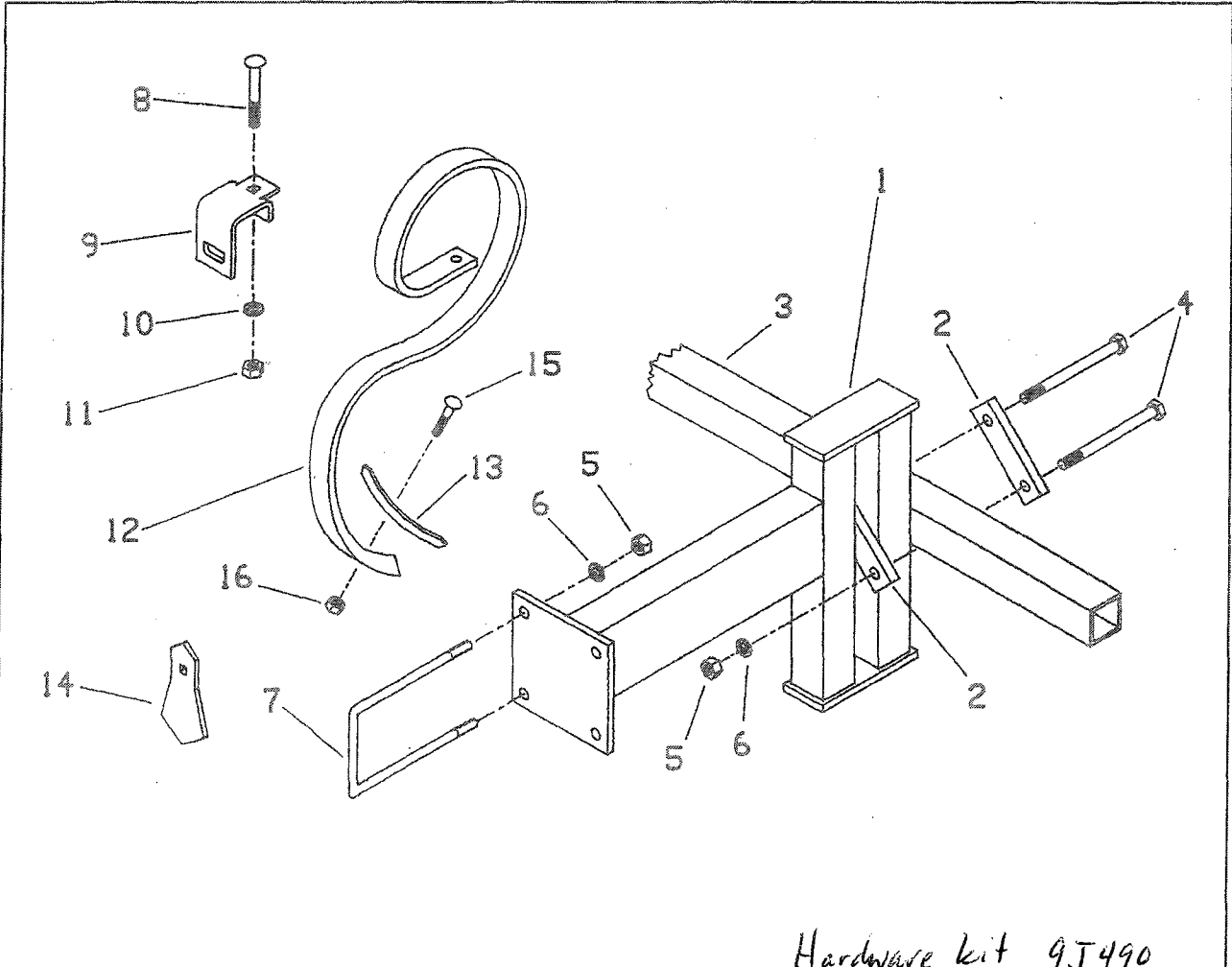


RIGHT AND LEFT AGITATOR SEED BOX ASSEMBLY				
Index No.	Part No.	Description	No. Req'd.	Weight
1	2K452	Fabricated Seed Box, less cover (Includes 9D865 Slide)	2	48.84
2	2K453	Cover	2	14.78
3	1C361	Bolt, Plate 5/16-18 x 1	2	.03
4	3K424	Capscrew, 1/4-20 NC x 1/2"	12	.01
5	1C354	Lock Washer, 1/4 Reg.	8	-
6	1C355	Nut, 1/4-20 NC Hex	16	-
7	2K494	Agitator Shaft, L.H.	1	8.06
	2K495	Agitator Shaft, R.H.	1	8.12
8	9D794	Agitator Cage Assembly	6	1.70
9	9D793	Box End Bearing	4	1.3
10	1C339	Intermediate Agitator Bearing	4	3.7
11	2C808	Bushing	6	.4
12	2C809	Shim Washer (.1046 thick)	6	.16
	8J564	Shim Washer (.0747 thick)	6	.12
13	1D604	Roll Pin 3/16 Dia. x 1 1/2 (R.H. only)	2	-
14	9J420	Stud 1/4-20 x 7 1/2	4	.1
15	1C362	Lock Washer, 5/16 Reg.	18	-
16	1C370	Washer, 1/4 Std.	16	-
17	1C237	Cap Screw, 5/16-18 NC x 3/4	18	.02
18	2C662	Shift Plate	2	1.9
19	9J422	Shifter Handle	2	1.4
20	1C674	Pivot Bolt, 1/2-13 NC x 1	2	.09
21	1C120	Flat Washer, 1/2 Std.	2	-
22	2C170	Set Screw, 1/4-20 NC x 3/4" Square Head	2	-
23	1C606	Handle Lock Bolt, 3/8-16 NC x 1, Square Head	2	.04
24	1C182	Flat Washer, 3/8 Std.	2	-
25	1C217	Wing Nut, 3/8-16 NC	2	-
26	1C334	Cap Screw, 1/2-13 NC x 1 1/4	4	.1
27	1C109	Lock Washer, 1/2 Reg.	4	-
28	1C390	Nut, 1/2-13 NC Hex	4	.04
29	1C199	Pivot Lock Assembly	4	.2
30	1C192	Pivot Lock Stem	4	.1
31	1C212	Spring	4	-
32	1C193	Pivot	4	-
33	3C708	Washer	12	-
34	7D938	Cover Lock Clip	4	-
35	7D937	Wear Strip	4	-
36	1C213	Screw, #10-24 NC x 1/2 Round Head	8	-
37	1C372	Lock Washer #10 Reg.	8	-
38	1C386	Nut, #10-24 NC Hex	8	-
39	9D865	Slide Assembly	2	3.0
40	2J430	Decal, Red, Both Boxes	2	-
41	1J910	Decal, BRILLION Logo, Left Box	1	-
42	9J424	Seed Chart Decal, Right Box	1	-
43	5D505	Decal, Information (Brush Agitator Kit only)	1	-
44	2K123	WARNING Decal	2	-
45	4K037	Decal, BRILLION	1	-
46	4K401	Decal, SURE-STAND	1	-
	4K404	Decal, SS12		



AGITATOR BOX MOUNTING HARDWARE

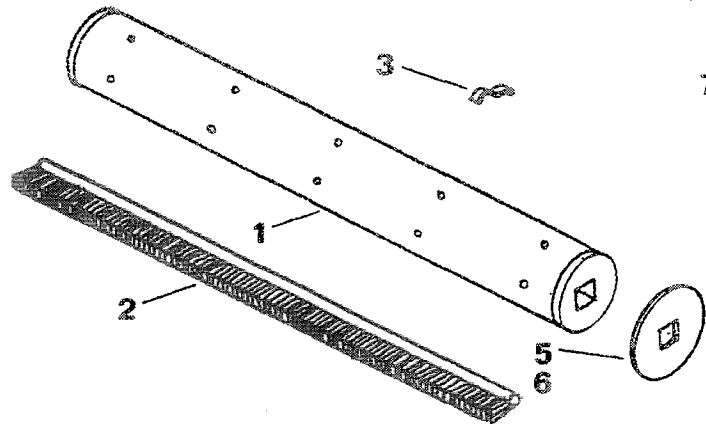
Index No.	Part No.	Description	No. Req'd.	Weight
1	9J423	Center Bushing	1	1.4
2	9J472	Bracket	2	5.21
3	9J360	Strap	1	1.94
4	9J412	Retainer	1	.3
5	1C334	Cap Screw, 1/2-13 x 1 1/4	4	.1
6	1C109	Lock Washer, 1/2 Reg.	4	-
7	1C390	Nut, 1/2-13 NC Hex	4	.04
8	9D796	Cap Screw, 5/16-18 x 1 1/2	2	.04
9	1C362	Lock Washer, 5/16 Reg.	6	-
10	1C385	Nut, 5/16-18 NC Hex	6	.01
11	9D797	Cap Screw, 5/16-18 x 2 1/4, Gr. 5	2	.06
12	7C381	Cap Screw, 5/16-18 x 1 3/4, Gr. 5	2	.04
13	4C803	Cap Screw, 3/8-16 x 1	2	.04
14	1C183	Lock Washer, 3/8 Reg.	6	-
15	1C277	Nut, 3/8-16 NC Hex	6	.02
16	1C232	Cap Screw, 3/8-16 x 1 1/4	4	.05
17	2C641	Cap Screw, 3/8-16 x 1 1/2	2	.06



Hardware kit 9J490

2K496 TIRE TRACK REMOVER KIT

Index No.	Part No.	Description	No. Req'd.	Weight
1	9J474	S-Tine Bracket	2	23.1
2	5J358	Strap	4	.97
3	9J962	Tooth Bar Tube	1	34.57
4	1C675	Cap Screw, 1/2-13 x 6, Gr. 5	4	.36
5	1C390	Nut, 1/2-13 NC Hex	12	.04
6	1C109	Lock Washer, Reg.	12	.01
7	3J561	U-Bolt, 1/2 x 7-1/2	4	.9
8	2J241	Carriage Bolt, 7/16-14 NC x 3 1/2, Gr. 5	6	.2
9	1J834	Clamp	6	.8
10	1C314	Lock Washer, 7/16 Reg.	6	.01
11	1D014	Stover Lock Nut, 7/16-14 NC	6	.03
12	1J887	S-Tine	6	6.0
13	2J155	1-3/8" Reversible Point	2	.7
14	7D014	2-1/2" Duck Foot Point	4	.5
15	7D728	Cultivator Bolt, 3/8-16 NC x 1 3/4	6	.1
16	5J616	Flange Lock Nut, 3/8-16 NC	6	.02



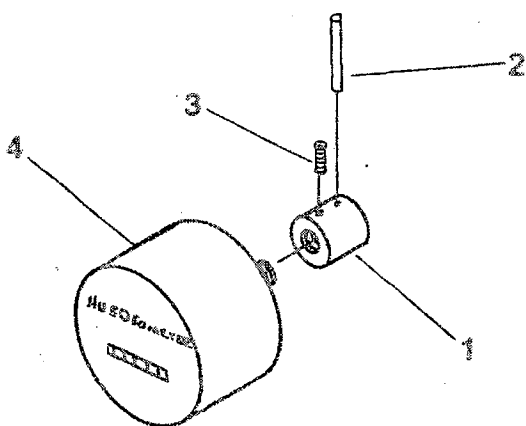
**IMPORTANT**

DISENGAGE CLUTCH (IF SO EQUIPPED) OR RAISE SEEDER BEFORE BACKING UP. FAILURE TO DO SO WILL DAMAGE BRUSH AGITATORS.

5D505

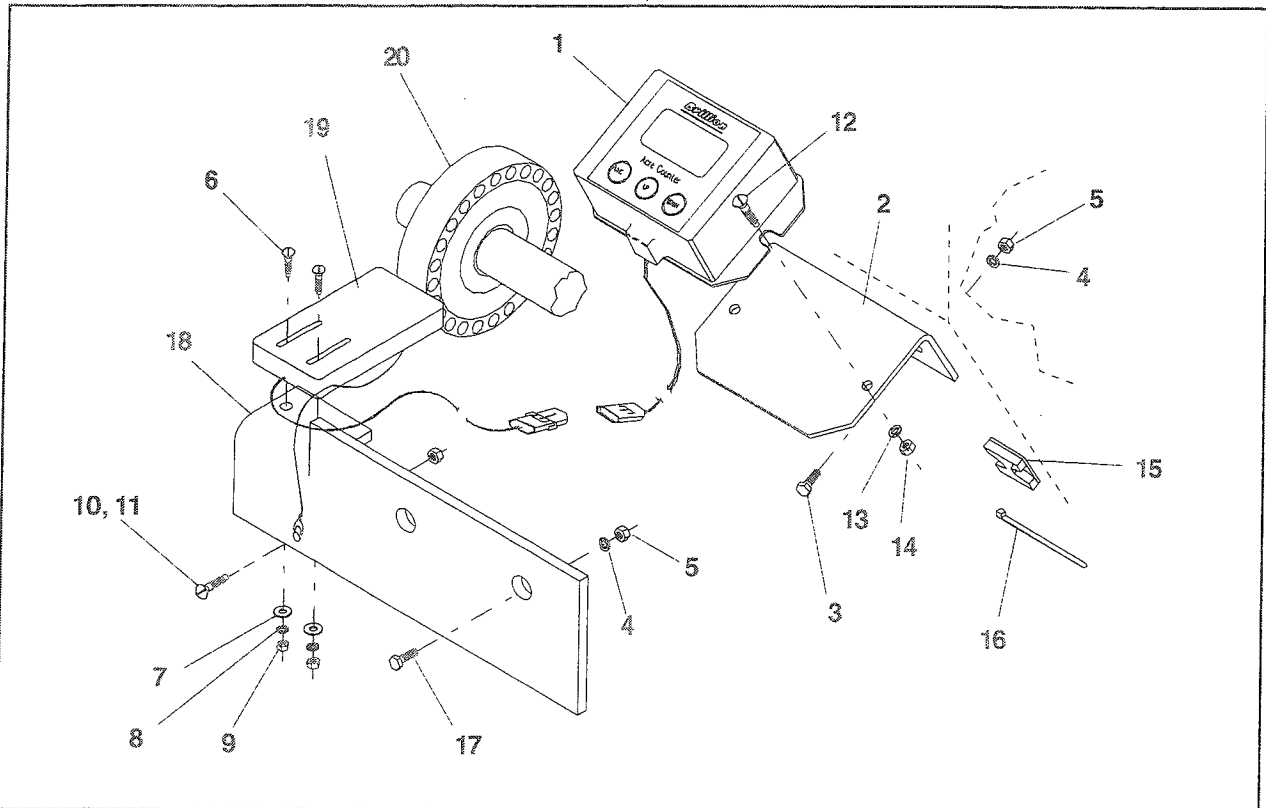
3J060 BRUSH AGITATOR KIT

Index No.	Part No.	Description	No. Req'd.	Weight
1	3C996	Brush Agitator Pipe Assembly, 22 1/2"	6	5.06
2	3C997	Brush Strip	30	.38
3	3C956	Brush Strip Clip	90	.01
4	3C998	Tapping Screw, 8-32 x 1/2 Type F Phillips Pan Head	90	-
5	2C809	Shim Washer (.1046 thick)	12	.16
6	8J564	Shim Washer (.0747 thick)	12	.12
7	5D505	Decal, Information	1	-
8	3J061	Instructions for BRUSH AGITATOR KIT	1	-



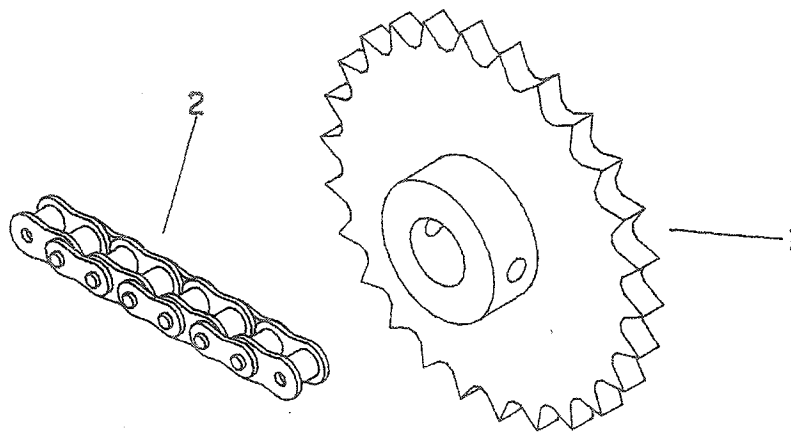
9D995 ACRE METER KIT (prior to 1998)

Index No.	Part No.	Description	No. Req'd.	Weight
1	6J668	Coupler	1	.36
2	1C099	Roll Pin, 3/16 x 1 1/4	1	-
3	9D997	Set Screw, 1/4-20 NC x 1/4, Socket Hd. Cup Pt.	1	-
4	7J019	Counter	1	1.35



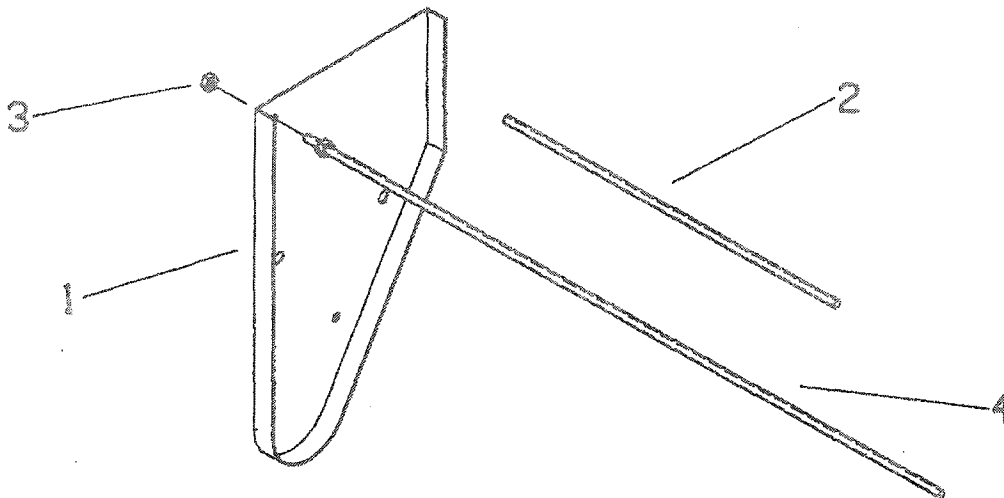
**5K745 ELECTRONIC ACRE METER KIT (Optional)**

<u>Index No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No. Required</u>	<u>Code No.</u>
	5K310	Acre Meter Assembly (Items 1, 19, & 20)	1	.9
1	5K276	Acre Meter	1	.8
2	5K270	Bracket	1	.6
3	4C803	Capscrew, 3/8-16 NC x 1"	2	.04
4	1C183	Lockwasher, 3/8"	4	-
5	1C277	Nut, 3/8-16 NC	4	.02
6	5K262	Machine Screw, #8-32 x 1 1/4"	2	-
7	5K263	Flat Washer, #8	2	-
8	5K264	Lockwasher, #8	2	-
9	5K265	Nut, #8-32	2	-
10	2D045	Machine Screw, #6-32 x 1/2"	1	-
11	5K266	Nut, #6-32	1	-
12	3C486	Machine Screw, #10-24 x 1"	2	-
13	1C372	Lockwasher, #10	2	-
14	1C386	Nut, #10-24	2	-
15	5K287	Cable Tie Mounting Base	6	-
16	5K288	Cable Tie	6	-
17	1C232	Capscrew, 3/8-16 NC x 1 1/4"	2	.05
18	5K714	Bracket	1	1
19	5K278	Pick-Up Switch	1	.02
20	5K277	Magnet Wheel	1	.08
--	5K746	Instructions	1	



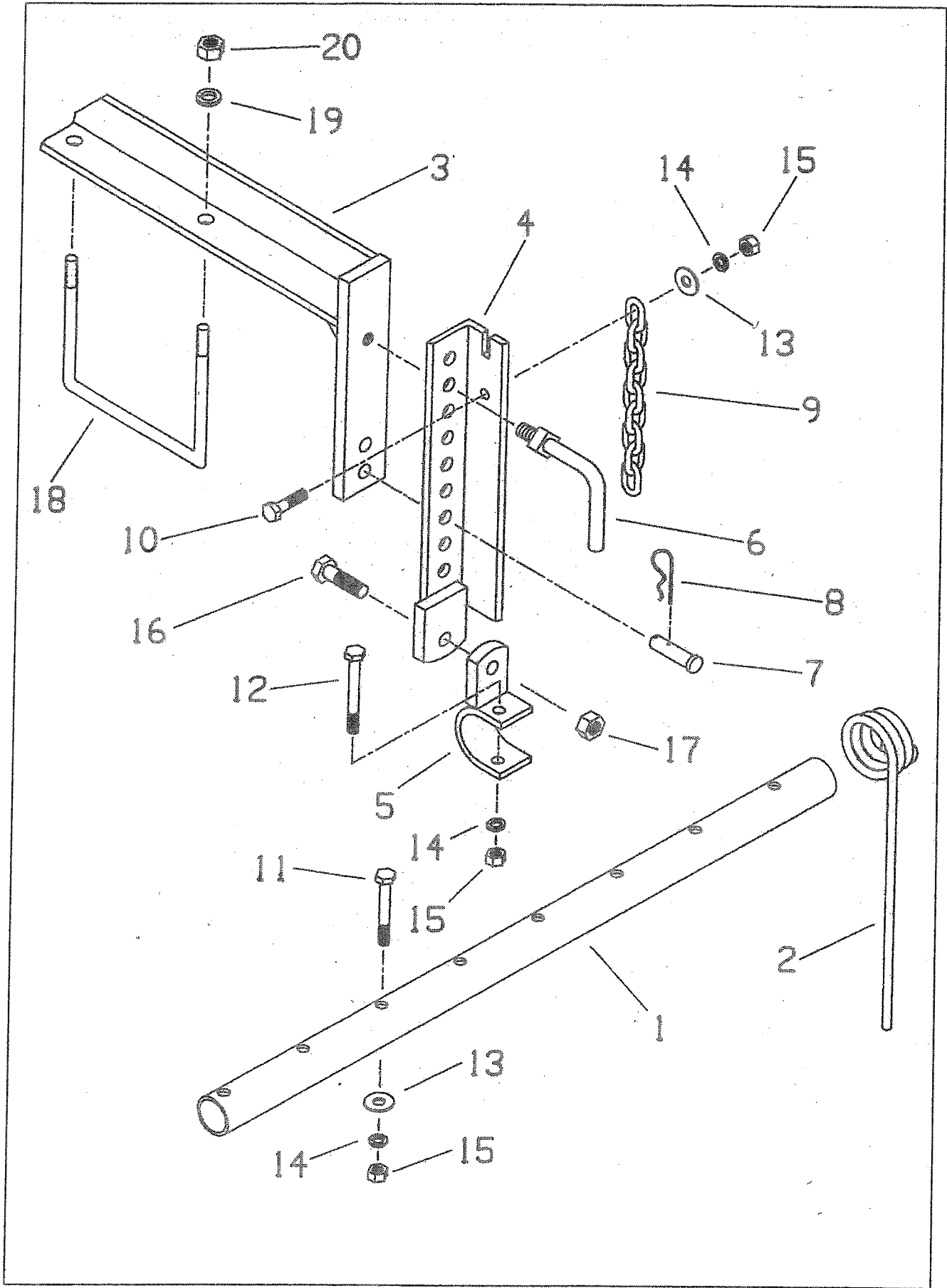
9J495 SPEED-UP KIT

Index No.	Part No.	Description	No. Req'd.	Weight
1	9J617	Sprocket, 26 Tooth	1	2.86
2	9J618	Chain, 8 Pitches, #40 Roller	1	.14
3	1C476	Chain Connector Link, #40 Spring Lock	1	-



2K629 DIVIDER KIT

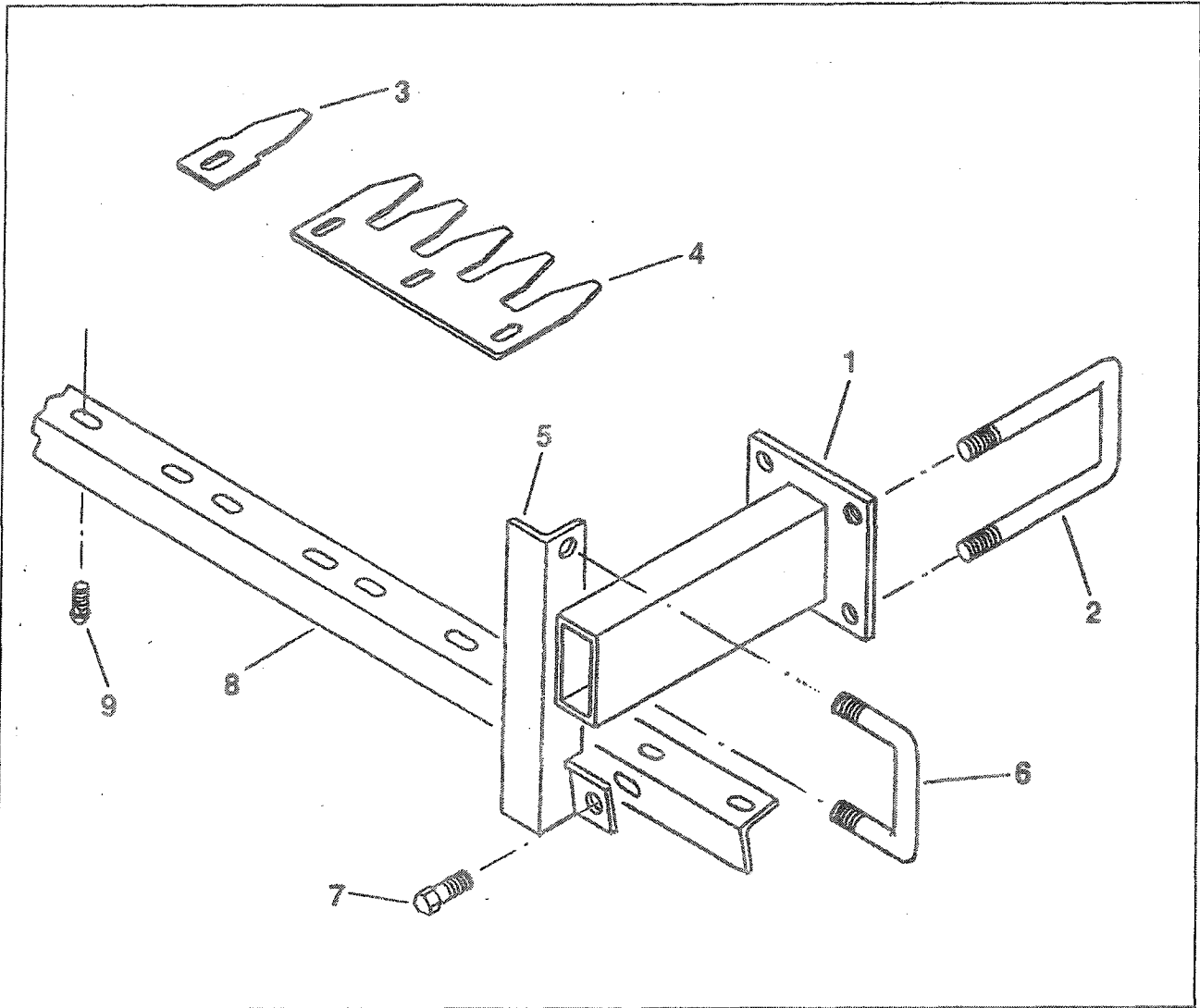
Index No.	Part No.	Description	No. Req'd.	Weight
1	9J434	Divider	6	1.49
2	2K630	Rod, 1/4-20 NC x 13	4	.13
3	1C355	Nut, 1/4-20 NC Hex	40	.01
4	2K631	Rod, 1/4-20 NC x 26	4	.26





9J932 TRACTOR WHEEL MARK LEVELER (OPTIONAL)

Index No.	Part No.	Description	No. Req'd.	Weight
1	5J601	Bar	2	4.6
2	5J603	Coil Tine	16	.75
3	9J942	Bracket	4	8.3
4	7J093	Adjusting Angle	4	3.7
5	7J095	Arm Weldment	4	1.0
6	7J088	Lock Screw, 1/2-13 NC	4	.30
7	7J096	Clevis Pin, 1/2 x 1 3/4	4	.11
8	4C856	Hairpin Cotter	4	-
9	3J951	Chain, 3/16, 20 links	2	.60
10	9C078	Cap Screw, 3/8-16 x 1 1/4	2	.05
11	1C508	Cap Screw, 3/8-16 x 2 1/2	12	.09
12	3C236	Cap Screw, 3/8-16 x 3	4	.10
13	1C182	Flat Washer, 3/8 Std.	14	-
14	1C183	Lock Washer, 3/8 Reg.	18	-
15	1C277	Nut, 3/8-16 NC Hex	18	.02
16	5D051	Cap Screw, 1/2 x 1 3/4	4	.13
17	5C392	Lock Nut, 1/2-13 NC Hex	4	.04
18	4J918	U-Bolt, 1/2-13 NC	4	.76
19	1C109	Lock Washer, 1/2 Reg.	8	-
20	1C390	Nut, 1/2-13 NC Hex	8	.04



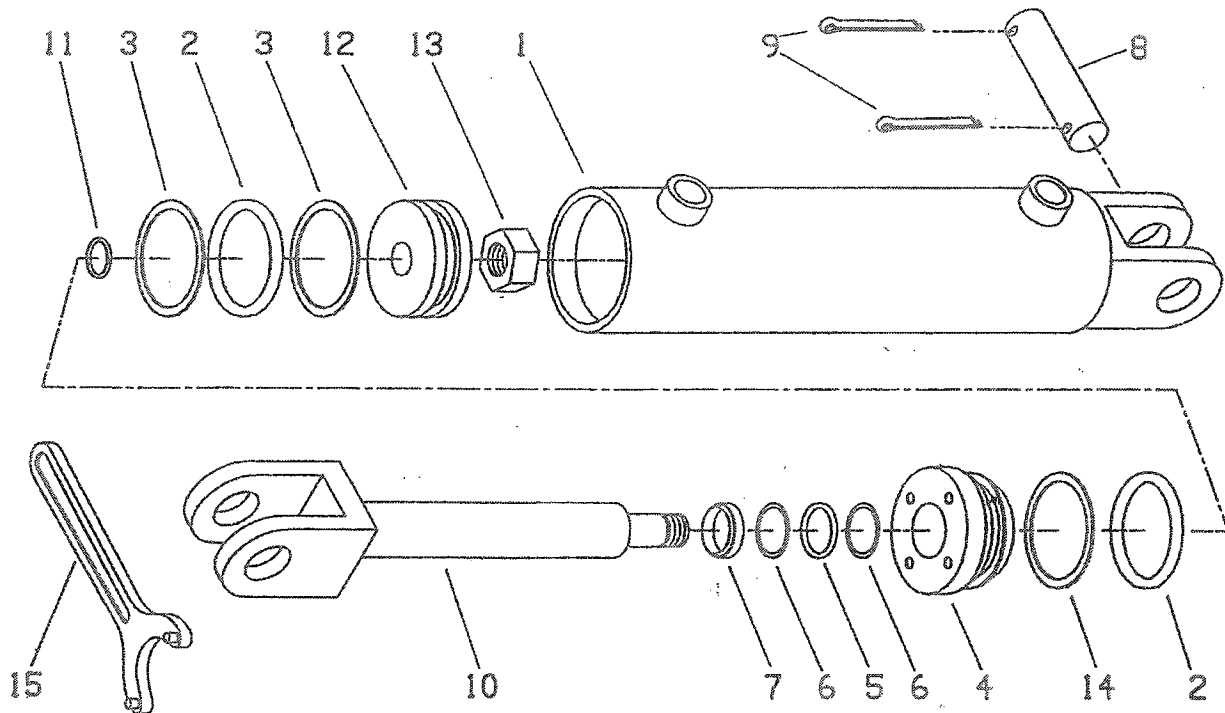
2K526 SCRAPER KIT

Index No.	Part No.	Description	No. Req'd.	Weight
1	1K212	Bracket	3	10.3
2	3J561	U-Bolt, 1/2-13 NC	6	.9
3	1K221	Center Scraper	2	.6
4	1K220	Scraper	12	3.0
5	1K214	L.H. Bracket	2	4.4
	1K215	R.H. Bracket	1	4.4
6	5J915	U-Bolt, 1/2-13 NC	3	.6
7	1C334	Cap Screw, 1/2 x 1 1/4	3	.1
	1C120	Flat Washer, 1/2 Std.	3	-
	1C109	Lock Washer, 1/2 Reg.	21	-
	1C390	Nut, 1/2-13 NC Hex	21	-
8	2K467	Angle	1	36.3
9	2C369	Carriage Bolt, 3/8-16 x 1 1/4	38	-
	1C182	Flat Washer, 3/8 Std.	38	-
	1C183	Lock Washer, 3/8	38	-
	1C277	Nut, 3/8-16 NC Hex	38	-

9J440. G Hydraulic Cylinder 2 1/2 x 6  
 Hydraulic Gear #2506-01 Painted Green  
 1-1/4" Dia. Rod, 16-1/4" Retracted, 22-1/4" Extended Length

Item	Part No.	Description	Qty.
1	9J655	Tube Assembly	1
*2	NSS	O Ring	2
*3	NSS	Back-Up Ring	3
4	6J544	Packing Gland	1
*5	NSS	O Ring	1
*6	NSS	Back Up Ring	2
*7	NSS	Wiper	1
8	5J650	Cylinder Pin	2
9	6C468	Cotter Pin, 3/16" x 2"	4
10	9J656	Rod Assembly	1
*11	NSS	Seal	1
12	6J546	Piston	1
13	6D918	Hex Nut 3/4-16 Lock	1
*14	NSS	Back Up Ring	1
*	6J542	Seal Kit (Items marked "**")	
15	5J135	Spanner Wrench (Optional - Disassembly Tool)	

NSS = Not Serviced Separately



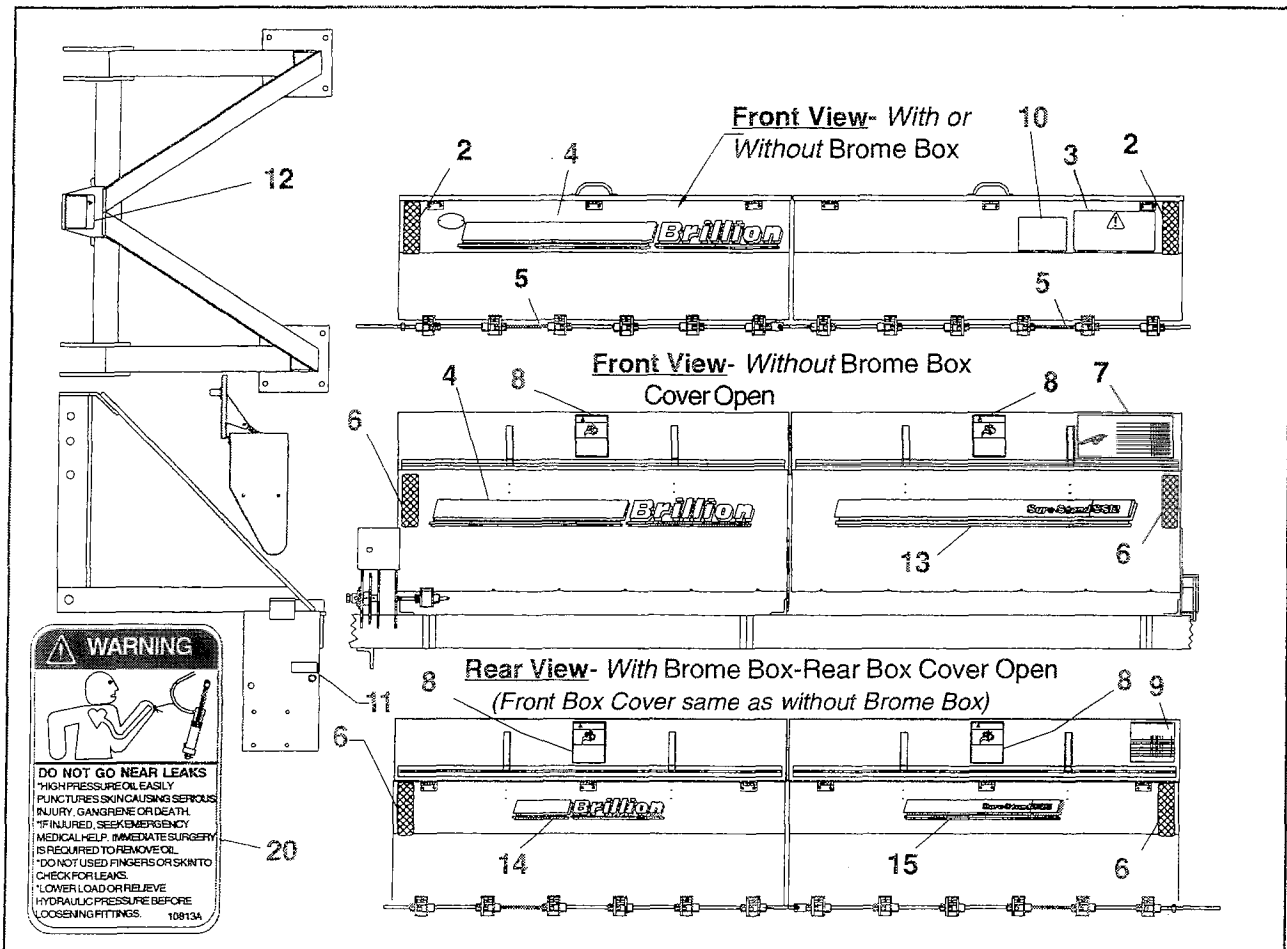
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Breakdown of hydraulic cylinder is a special insert section from book 2J124, page 47, and is located after page 24. Pages marked "\*" are from 2J124.

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1C099	20	2		17	17		15	14
1C109	3	33	1C242	15	19		17	38
	5	15	1C243	15	20		20a	14
	7	37	1C245	15	21	1C390	3	34
	9	3	1C272	15	22		5	16
	11	26	1C277	3	11		7	38
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1C120	9	8	1C314	19	10		23	20
	17	21	1C334	7	36		24	7
	24	7		17	26	1C392	3	5
1C122	7	11		18	5		5	5
1C133	11	31		24	7		7	14
1C134	15	26	1C339	17	10		11	7
1C182	17	24	1C354	3	19	1C476	21	3
	23	13		5	35	1C499	7	22
	24	9		7	26	1C508	23	11
1C183	3	9		15	4	1C606	17	23
	5	9		17	5	1C659	7	9
	9	15	1C355	3	20	1C674	17	20
	18	14		5	36	1C675	19	4
	20a	4		7	27	1C681	9	11
	23	14		15	18	1C737	15	25
	24	9		17	6	1C788	13	25
1C192	15	6		21	3	1C968	11	18
	17	30	1C361	7	4	1C977	15	24
1C193	15	8		15	32	2C055	11	15
	17	32		17	3	2C062	11	11
1C199	15	5	1C362	3	25	2C112	11	13
	17	29		5	25	2C170	17	22
1C210	11	29		7	5	2C302	7	10
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1C212	15	7		17	15	2C369	24	9
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1C213	9	19	1C370	17	16	2C524	11	20
	15	12	1C372	9	17	2C641	3	12
	17	36		15	13		5	12
1C217	17	25		17	37		18	17
1C229	3	18		20a	13	2C662	17	18
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3C173	13	10	4D413	15	30	2J241	19	8
3C236	23	12	4D414	15	28	2J430	15	40
3C350	13	9	4D465	11	21		17	40
3C356	15	23	4D980	13	30	2J431	15	36
3C486	20a	12	4D982	13	29	3J060	20	-
3C708	15	9	5D051	23	16	3J061	20	8
	17	33	5D110	5	24	3J561	19	7
3C947	11	5		9	6		24	2
3C956	20	3	5D156	5	19	3J615	13	36
3C996	20	1	5D157	5	18	3J951	23	9
3C997	20	2	5D158	5	20	4J548	13	28
3C998	20	4	5D505	17	43	4J867	3	17
4C129	13	12		20	7	4J918	3	32
4C144	11	12	6D300	3	16		5	14
4C580	11	4	6D529	5	17		9	2
4C589	15	16	6D716	13	22		23	18
4C688	11	15	6D742	11	33	5J358	19	2
4C689	11	19	6D918	*47	13	5J601	23	1
4C750	15	17	7D014	19	14	5J603	23	2
4C803	3	8	7D728	19	15	5J616	19	16
	5	8	7D937	15	11	5J650	13	19
	9	13		17	35		*47	8
	20a	3	7D938	15	10	5J915	24	6
	18	13		17	34	6J150	3	27
4C856	13	18	9D303	13	32		5	27
	23	8	9D764	13	31	6J189	13	12
4C858	13	26	9D768	3	14	6J448	13	34
5C100	13	13	9D772	7	21	6J542	*47	-
5C392	15	27	9D793	17	9	6J544	*47	4
	23	17	9D794	17	8	6J546	*47	12
5C461	7	17	9D796	18	8	6J668	20	1
5C479	13	5	9D797	18	11	7J019	20	4
5C480	13	4	9D851	13	37	7J088	23	6
5C911	13	8	9D854	7	8	7J093	23	4
5C912	13	7	9D865	17	39	7J095	23	5
6C098	7	18	9D903	11	22	7J096	23	7
6C729	3	15	9D904	11	23	7J127	13	23
	3	40	9D923	11	24	7J140	3	28
7C381	18	12	9D995	20	-		5	28
8C527	9	5	9D997	20	3	7J422	7	33
8C528	13	15	1J131	13	21	7J990	3	3
9C078	23	10	1J390	13	6		5	10
1D014	19	11	1J463	13	11	8J309	15	37
1D273	13	3	1J486	11	25	8J564	17	12
1D424	3	38	1J708	15	3		20	6
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1D604	17	13	1J887	19	12	8J796	13	39

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9J342	11	37	9J942	23	3	2K629	21	-
9J347	11	3	9J962	19	3	2K630	21	2
9J351	11	2	1K212	24	1	2K631	21	4
9J357	3	13	1K214	24	5	2K704	3	22
9J359	3	6	1K215	24	5		5	22
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9J360	3	35	1K221	24	3		17	4
	5	13	1K731	3	37	4K636	3	45
	18	3	1K809	3	39	4K928	7	35
9J362	3	7	1K822	3	36	5K262	20a	6
	5	7	2K096	15	41	5K263	20a	7
9J367	7	1	2K123	15	42	5K264	20a	8
	9	1		17	44	5K265	20a	9
9J377	7	20	2K316	11	34	5K266	20a	11
9J378	7	15	2K451	15	1	5K270	20a	2
9J379	7	16	2K452	17	1	5K276	20a	1
9J385	7	23	2K453	15	2	5K277	20a	20
9J389	7	7	2K454	17	2	5K278	20a	19
9J391	7	12	2K455	11	1	5K287	20a	15
9J392	9	20	2K456	3	1	5K288	20a	16
9J395	9	21	2K467	24	8	5K310	20a	-
9J397	9	9	2K471	3	41	5K714	20a	18
9J398	9	10	2K475	11	9	5K746	20a	-
9J399	11	32	2K477	15	15	6K648	5	1
9J400	13	27	2K479	15	15	6K649	5	32
9J402	11	17	2K485	3	30			
9J403	9	12		5	30			
9J411	7	31	2K486	3	31			
9J412	18	4		5	31			
9J420	17	14	2K487	3	29			
9J422	17	19		5	29			
9J423	18	1	2K488	3	23			
9J424	17	42		5	3			
9J429	15	39	2K489	3	10			
9J433	15	31		5	33			
9J434	21	1	2K490	3	21			
9J436	9	7		5	21			
9J437	13	33	2K494	17	7			
9J440	13	20	2K495	17	7			
	*47	-	2K496	19	-			
9J442	5	2	2K501	7	25			
9J472	18	2	2K502	7	28			
9J474	19	1	2K503	7	3			
9J495	21	-	2K504	7	31			
9J559	11	28	2K505	7	29			



### Decal Summary

Index No.	Part No.	Description	No. Req'd.	Weight
-	2K471	OPERATOR'S MANUAL	1	-
2	2J431	Decal, Amber	2	-
3	8J309	CAUTION Decal	1	-
4	4K039	BRILLION Decal	2	-
5	9J429	Decal, Seedmeter Shafts	2	-
6	2J430	Decal, Red	2	-
7	2K096	Decal, Seed Rate Chart	1	-
8	2K123	WARNING Decal (one inside each seedbox cover)	-	-
9	9J424	Seed Chart Decal, Rear Box	1	-
10	5D505	Decal, Information (Brush Agitator Kit only)	1	-
11	9J301	Decal, PARKING PIN (for pick-up models only)	1	-
12	9J302	Decal, CAUTION (for pick-up models only)	1	-
13	4K387	Decal, SURE-STAND	1	-
	4K189	Decal, SS12	1	-
14	4k037	Decal, BRILLION (for Agitator Box)	1	-
15	4K401	Decal SURE-STAND (for Agitator Box)	1	-
	4K404	Decal, SS12 (for Agitator Box)	1	-
16	2K532	Decal Package for SSP12 with agitator box kit	1	-
17	2K531	Decal Package for SSP12 without agitator box kit	1	-
18	2K530	Decal Package for SS12 with agitator box kit	1	-
19	2K528	Decal Package for SS12 without agitator box kit	1	-
20	3K706	Decal, Hydraulic Leak (on drawbar-see page 2)	1	-