



Equipment Line Drawings

CNH Drawings **Pages 248 - 274**

Dalton Ag Drawings **Pages 275 - 277**

Willmar Drawings **Pages 278 - 293**

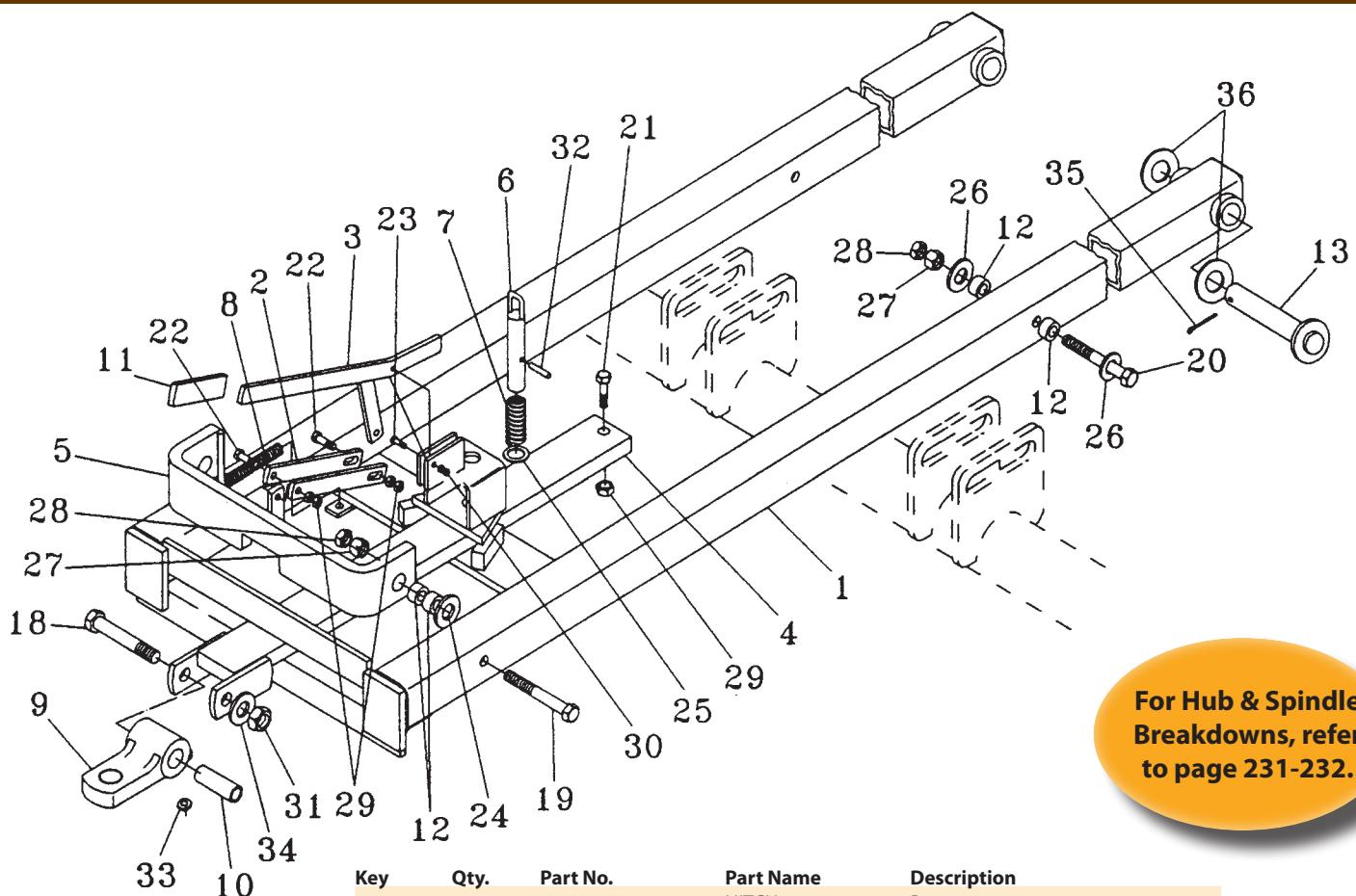
Flow-Max Drawings **Pages 294 - 299**

Dolye Manufacturing Drawings **Pages 300 - 303**

**For Detailed Drawings of the 930 & 940 Toolbars,
please use this site:**

<https://www.caseih.com/apac/en-int/part-and-service/part-catalog>

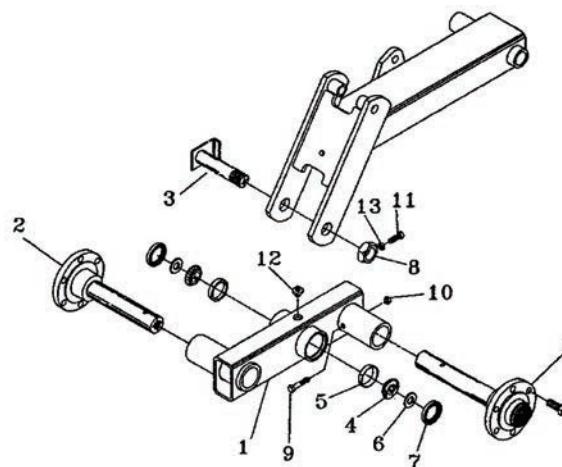
CNH Rear Hitch 4250 / 5250 / 4300 / 5300



For Hub & Spindle Breakdowns, refer to page 231-232.

Key	Qty.	Part No.	Part Name	Description
1	1	04664000	HITCH	Rear
2	2	04664130	LINK ASSY.	
3	1	04664200	HANDLE	
4	1	04664400	BAR	Tow
5	1	04664300	STOP	Draw Bar
6	1	14816166	PIN, HITCH	
7	1	24111200	SPRING	Compression
8	1	24312000	SPRING, COIL	Extension
9	1	20092085	CLEVIS	Single
10	1	44009370	SPACER	
11	1	30011100	HOLDER	Vinyl
12	8	44006200	BUSHING	
13	2	14820445	PIN, CLEVIS	1 1/4 Diameter
18	1	16901420	BOLT, SPECIAL	7/8 x 5 1/2
19	2	280232	BOLT	Hex, 5/8"-11 x 5 1/2", G5
20	2	88264	BOLT	Hex, 5/8"-11 x 5", G5
21	1	9627896	BOLT	Hex, 5/8"-11 x 1 3/4", G5
22	2	88436	BOLT	Hex, 3/8"-16 x 2", G5
23	1	280112	BOLT	Hex, 1/4"-20 x 1 1/2", G5
24	4	17618030	BUSHING, LARGE	1 1/8, 18 Gauge, Machine
25	1	17616020	WASHER	1, 14 Gauge, Machine
26	4	495-81028	WASHER	2 1/2" x 1 1/2" x .240"
27	4	280374	NUT	5/8"-11, G5
28	4	425-1410	NUT	Jam, 5/8"-11, G5
29	4	425-106	NUT	3/8"-16, G5
30	2	7770	NUT	1/4"-20, G5
31	1	86992218	NUT	7/8
32	1	438-11624	PIN, LOCK	1/4"x 1 1/2", Slotted
33	1	219-86	NIPPLE, LUBE	1/8" x .62" lg, Drive
34	1	17414012	WASHER	7/8
35	2	432-1632	PIN, SPLIT (COTTER)	1/4" x 2"
36	UAR	17620020	BUSHING	1 1/4, 14 Gauge, Machine

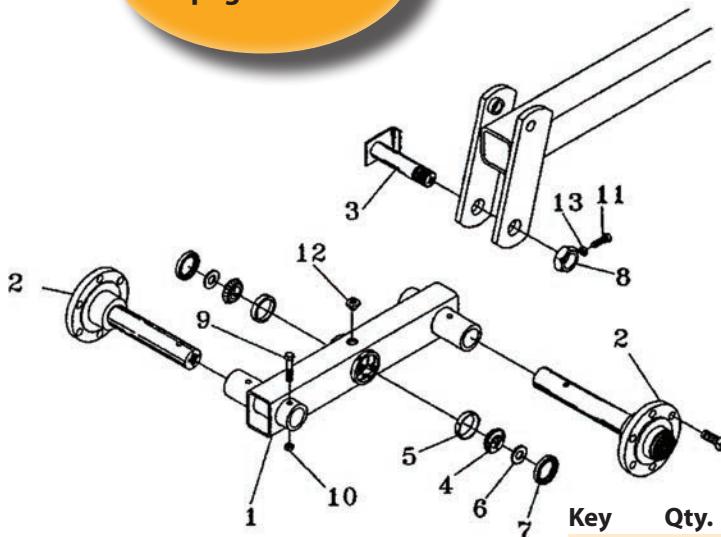
CNH 5300 Wing Walking & Frame Walking Axles



CNH 5300 Main Frame Walking Axe

Key	Qty.	Part No.	Part Name	Description
1	1	04683045	Axle	Walking, Rh
1	1	04683145	Axle	Walking, Lh
2	2	28078361	Hub Assy.	783 Hub & 2 ½ Spindle
2	2	28050885	Stub Axle	50-8 Hub & Spindle
3	1	04683050	Pin, Axle	
4	2	21871501	Bearing, Cone	1.50 Bore, Timken 2776
5	2	86977427	Bearing, Cup	3.00 OD, Timken 2720
6	2	84422537	Spacer	
7	2	115950	Seal	3.148 Bore, CR22870
8	1	14032409	Nut, Special	1 ½, Jam
9	2	413-864	Bolt	Hex, ½" - 13 x 4", G5
10	2	231-4248	Nut, Lock	
11	1	16806045	Screw	¾ x 1, Square Head
12	1	219-86	Nipple, Lube	⅛" x .62" Lg, Drive
13	1	87016560	Nut	Jam, ¾" - 16, G5

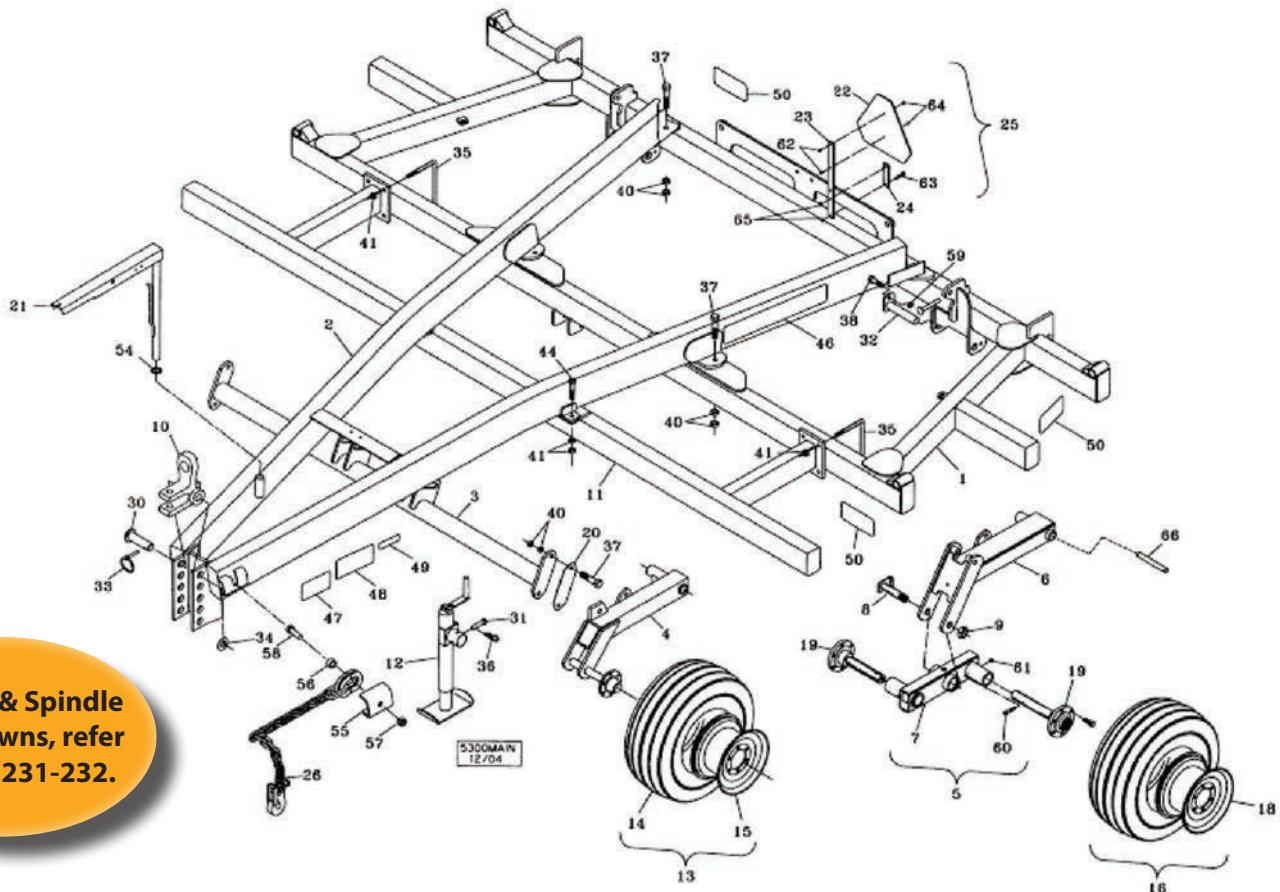
For Hub & Spindle Breakdowns, refer to page 231-232.



CNH 5300 Wing Walking Axe

Key	Qty.	Part No.	Part Name	Description
1	1	04683245	Axle	Walking, Rh
1	1	04683345	Axle	Walking, Lh
2	2	28078372	Hub Assy.	783 Hub & 2 Spindle
3	1	04661850	Pin	Axle
4	2	21871500	Bearing, Cone	1.50 Bore, Timken LM29749
5	2	21882561	Bearing Set	2.56 OD, Timken LM29710
6	2	06201425	Spacer	
7	2	36060	Seal, Oil	2.094 Bore, CR20952
8	1	14032409	Nut, Special	½, Jam
9	2	413-852	Bolt	Hex, ½" - 13 x 4", G5
10	2	231-4248	Nut, Lock	
11	1	16806045	Screw	¾ x 1, Square Head
12	1	219-86	Nipple, Lube	⅛" x .62" Lg, Drive
13	1	87016560	Nut	Jam, ¾" - 16, G5

CNH 5300 Main Frame

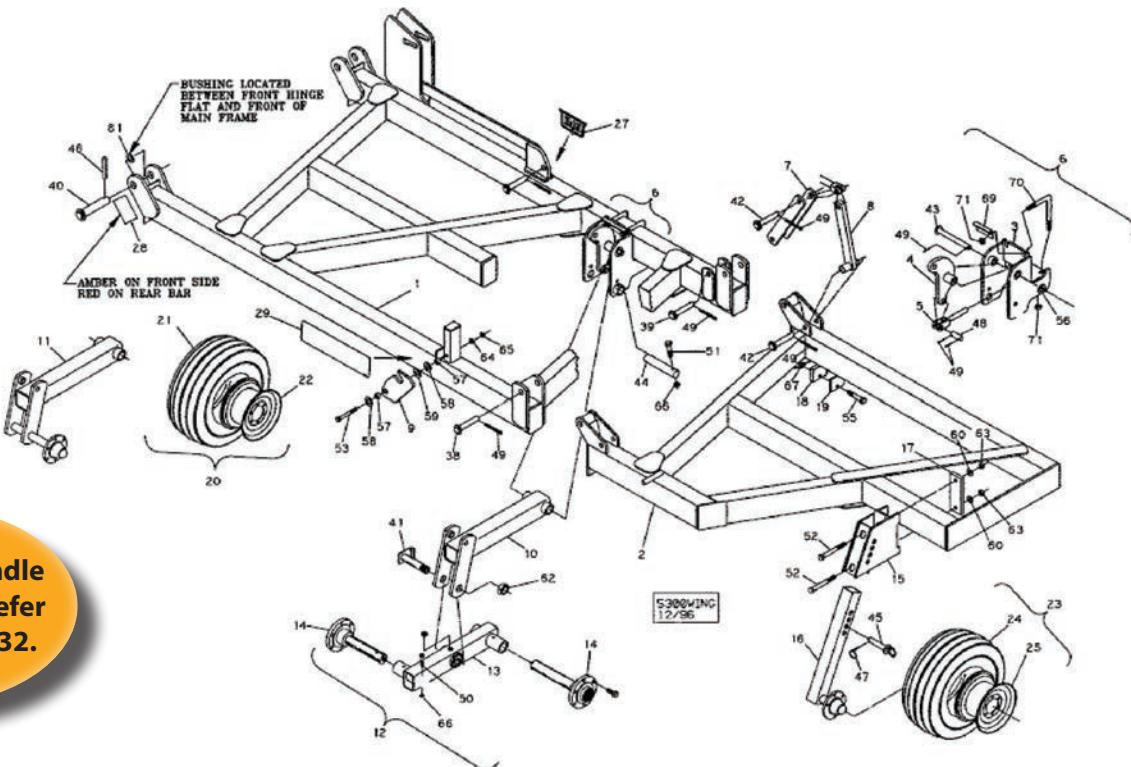


For Hub & Spindle
Breakdowns, refer
to page 231-232.

Key	Qty.	Part No.	Part Name	Description
1	1	87554292	FRAME	Main
2	1	87338697	FRAME Assy.	Pull
3	1	87552165	TUBE	97.31, (HD Singles)
3	1	87552168	TUBE	92.12, (Tandems)
4	1	04681900	ARM	Spindle, HD, Single, 50-8, Rh
4	1	04681950	ARM	Spindle, HD, Single, 50-8, Lh
5	1	04683000	AXLE	Tandem, Main, Rh
5	1	04683100	AXLE	Tandem, Main, Lh
6	1	04683030	AXLE	Tandem, Main, Rh
6	1	04683130	AXLE	Tandem, Main, Lh
7	1	04683045	AXLE	Walking, Rh
7	1	04683145	AXLE	Walking, Lh
8	2	04683050	PIN, AXLE	
9	2	14032408	NUT, LOCK	1 1/2, Jam With Set Screw
10	1	20092310	CLEVIS	Combination
11	1	P5530300	BAR	Front Couler
12	1	87416370	JACK Assy.	5-7K, Swivel
13	2	87447196	WHEEL Assy.	12.5L x 15, 12 Ply Tire, (HD Option)
14	2	NSS	NOT SERVICED SEPARATELY	12.5L x 15, 12 Ply (HD Option)
15	2	10110274	WHEEL	10 x 15, 8 Hole (HD Option)
16	4	10010250	WHEEL, LAND	11L x 15, 8 Ply Tire (Standard Tandem)
17	4	NSS	NOT SERVICED SEPARATELY	11L x 15, 8 Ply (Standard Tandem)
18	4	10108254	WHEEL	8 x 15, 6 Hole (Standard Tandem)
19	4	28078361	HUB Assy.	783, With Spindle, Main Frame
19	4	28050885	STUB AXLE/STRG.SPINDLE	50-8, With Spindle, Main Frame
20	2	04661154	SHIM	
21	1	05302150	STAND	Hose And Gauge
22	1	311860A1	EMBLEM	SMV
23	1	06000099	BRACE	SMV
24	1	04660050	BRACE	

Key	Qty.	Part No.	Part Name	Description
25	1	18584200	KIT	SMV
26	1	87389757	CHAIN	30,400, Safety
30	1	14820525	PIN, HITCH	1 1/8, OD
31	1	14810251	PIN, HEADED	5/8 x 3 1/8, Clevis
32	2	14820920	PIN	1 1/8, OD
33	1	D33805	PIN	7/16 x 2, Klik
34	1	17426001	WASHER	1 1/8, HD
35	4	87427186	U-BOLT	3/4 x 6 x 5 1/2
36	1	14720411	PIN, SPLIT (COTTER)	1/8 x 2, Hair
37	10	413-1448	BOLT	Hex, 7/8"-9 x 3", G5
38	4	413-1032	BOLT	Hex, 5/8"-11 x 2", G5
40	20	425-1014	NUT	7/8"-9, G5
41	8	425-1012	NUT	3/4"-10, G5
44	2	413-1240	BOLT	Hex, 3/4"-10 x 2 1/2", G5
46	2	18534249	DECAL	Nutri-Plac'r
47	1	18534107	DECAL	Patent
48	1	18534228	DECAL	Caution
49	1	18534174	DECAL	Other Patents Applied For
50	4	18534227	DECAL, DANGER	Danger
54	1	17620030	BUSHING	1 1/4, Machine
55	1	04681210	BRACKET	
56	1	04681211	BUSHING	
57	1	86992219	NUT, LOCK	1
58	1	413-1648	BOLT	Hex, 1"-8 x 3", G5
59	4	280374	NUT	5/8"-11, G5
60	4	413-864	BOLT	Hex, 1/2"-13 x 4", G5
61	4	87333862	NUT, LOCK	
62	2	9707580	BOLT	Hex, 1/4"-20 x 3/4", G5, Full Thd
63	2	9706689	BOLT	Hex, 3/8"-16 x 1 3/4", G5
64	2	8699211	NUT, LOCK	1/4
65	2	87039402	NUT, LOCK	3/8"-16, GB
66	2	14891672	PIN	1 x 9

CNH 5300 Wing

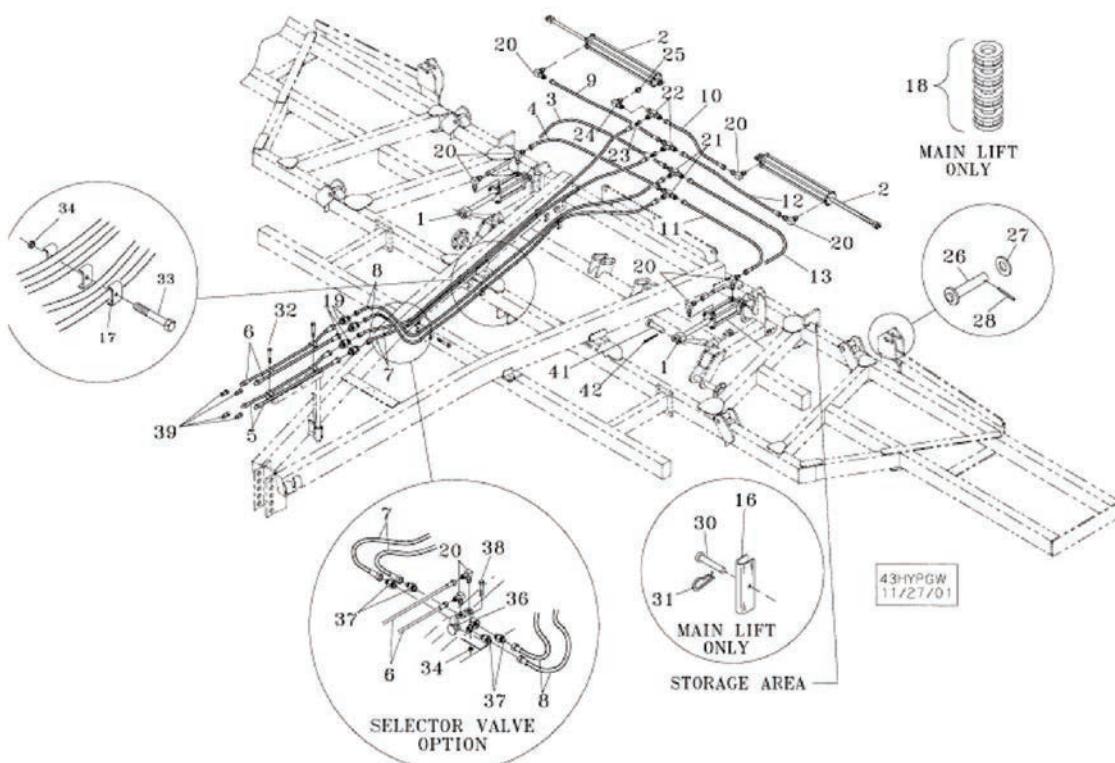


For Hub & Spindle
Breakdowns, refer
to page 231-232.

Key	Qty.	Part No.	Part Name	Description
1	1	87339092	FRAME Assy.	110", Inner, Rh
1	1	87339064	FRAME Assy.	110", Inner, Lh
2	2	87339119	FRAME Assy.	Outer, 16 Row, 40 Units Only
2	1	87339121	FRAME Assy.	44", Outer, Rh, 42-1/2' Units
2	1	87339120	FRAME Assy.	44", Outer, Lh, 42-1/2' Units
2	1	87339123	FRAME Assy.	72", Outer, Rh, 47-1/2' Units
2	1	87339124	FRAME Assy.	72", Outer, Lh, 47-1/2' Units
3	2	04683575	BRACKET	Mounting, Gauge Wheel
4	2	04683545	PIVOT	Adjustment
5	2	04683586	EYEBOLT	
6	2	04683560	MOUNTING PARTS	Gauge Wheel
7	2	04662630	HINGE	Wing
8	2	04682260	LINK Assy.	
9	2	06220130	BRACKET	Outer Wing
10	2	04683225	ARM, LIFT	Spindle, Tandem
11	1	04683410	AXLE	Spindle, Rh, Single
11	1	04683460	AXLE	Spindle, Lh, Single
12	1	04683200	AXLE	Spindle Arm, Tandem, Rh
12	1	04683300	AXLE	Spindle Arm, Tandem, Lh
13	1	04683245	AXLE	Walking Axle, Rh
13	1	04683345	AXLE	Walking Axle, Lh
14	2	28078372	STUB AXLE/STRG.SPINDLE	783 Hub & Spindle
15	2	04661320	GAUGE	Mounting, Wheel
16	2	02380400	BAR Assy.	
17	2	09576610	LINKAGE	Gauge Wheel
18	2	04626130	SHIM	Wing Outer
19	UAR	04626120	SHIM	Wing, Outer
20	UAR	10008256	WHEEL, LAND	9.5L x 15, 8 Ply
20	UAR	10010250	WHEEL, LAND	11L x 15, 8 Ply
21	UAR	NSS	NOT SERVICED SEPARATELY	9.5L x 15, 8 Ply
21	UAR	NSS	NOT SERVICED SEPARATELY	11L x 15, 8 Ply
22	UAR	10108254	WHEEL	8 x 15, 6 Hole
23	2	87461162	WHEEL Assy.	8.5L x 14, 6 Ply
24	2	NSS	NOT SERVICED SEPARATELY	8.5L x 15, 6 Ply
25	2	87461169	WHEEL Assy.	14 x 8, 6 Hole
27	2	18534261	DECAL DMI	
28	1	18534243	REFLECTOR	Amber
28	2	18534244	REFLECTOR	Red

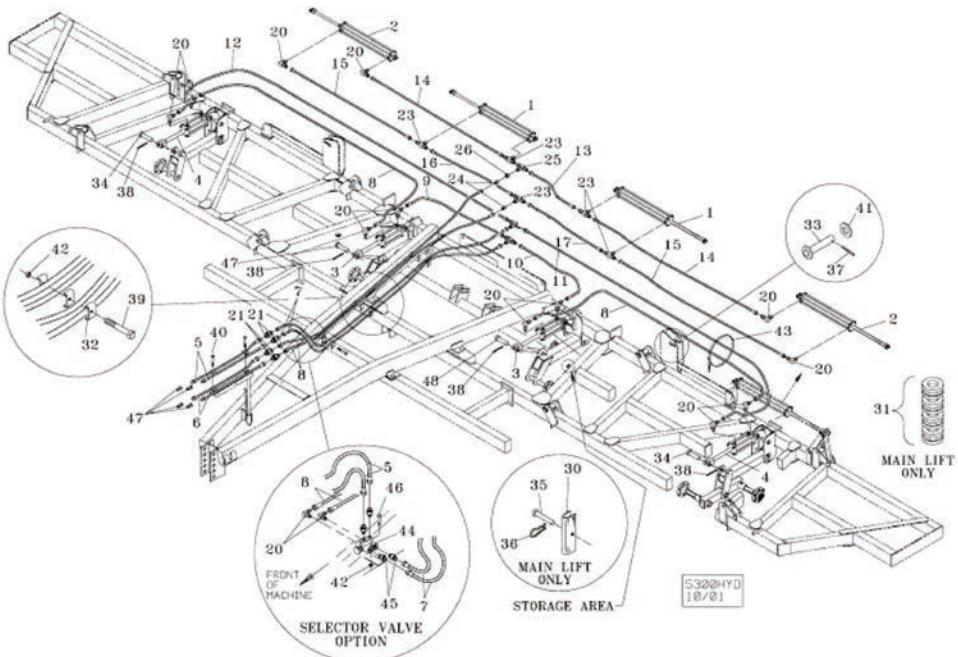
Key	Qty.	Part No.	Part Name	Description
29	1	87666428	DECAL	NPX5300, Rh
29	1	87666427	DECAL	NPX5300, Lh
38	4	14820445	PIN, CLEVIS	1 1/4 x 6.31
39	2	14816466	CLEVIS	1 x 5.81
40	4	14820650	PIN, HITCH	1 5/8 x 8 3/4, Hinge
41	2	04661850	PIN	Axle
42	4	14891660	PIN, SPECIAL	1 x 4.31
43	2	14816686	PIN, PIVOT	
44	2	14820640	PIN, SPECIAL	1 5/8, 1996 & Previous Production (Serial 3623524 & Before)
44	2	14892788	PIN	1 5/8, 1997 & After Production (Serial #720762 & After)
45	2	14816348	PIN	1 x 4 1/4
46	4	438-32840	PIN	7/16" x 2 1/2", Coiled
47	2	270184	PIN	1/4 x 1 3/4, Klik
48	2	14891619	PIN, SPECIAL	1
49	2	80753	PIN, SPLIT (COTTER)	1/4" x 1 1/2"
50	4	87339	BOLT	Hex, 1/2"-13 x 3", G5
51	2	413-1032	BOLT	Hex, 5/8"-11 x 2", G5
52	12	280223	BOLT	Hex, 3/4"-10 x 6 1/2", G5
53	2	413-1096	BOLT	Hex, 5/8"-11 x 6", G5
55	2	413-824	BOLT	Hex, 1/2"-13 x 1 1/2", G5, Full Thd
56	2	17616021	BUSHING	1, Machine
57	4	44006200	BUSHING	
58	4	495-81028	WASHER	2 1/2" x 1 1/2" x .240"
59	2	17620020	BUSHING	1 1/4, 14 Gauge, Machine
60	4	492-11075	WASHER, LOCK	3/4"
61	2	17627010	BUSHING	1 5/8, 14 Gauge, Machine
62	2	14032408	NUT, LOCK	1 1/2, Jam With Set Screw
63	12	425-1012	NUT	3/4"-10, G5
64	2	425-1010	NUT	5/8"-11, G5
65	2	425-1410	NUT	Jam, 5/8"-11, G5
66	4	86992215	NUT, LOCK	1/2"-13, GC
67	2	425-108	NUT	1/2"-13, G5
68	2	231-42410	NUT, LOCK	5/8"-11, GB
69	2	04683565	PLATE	Mounting
70	4	87427191	BOLT, SPECIAL	3/4", Square
71	8	425-1012	NUT	3/4"-10, G5

CNH 5300 Hydraulic w/ Pin Adjust Wheels



Key	Qty.	Part No.	Part Name	Description
1	2	84258230	HYDRAULIC CYLINDER	3 x 10
2	2	25335361	CYLINDER ASSY.	3 1/2 x 36
3	1	25600634	HOSE ASSY.	3/8 x 37
4	1	25600630	HOSE ASSY.	3/8 x 30
5	2	25610645	HOSE ASSY.	3/8 x 80
6	2	25610855	HOSE ASSY.	1/2 x 100
7	2	25600633	HOSE ASSY.	3/8 x 165
8	2	134216A1	HOSE	1/2 x 165
9	1	25600642	HOSE ASSY.	3/8 x 42
10	1	25600655	HOSE ASSY.	3/8 x 55
11	1	25600662	HOSE ASSY.	3/8 x 72
12	1	25600704	HOSE ASSY.	3/8 x 97
13	1	25600676	HOSE ASSY.	3/8 x 88
16	2	04632700	STAY	9 3/4
17	15	06200125	CLAMP, HOSE	
18	2	25800010	CYLINDER STOP	1 1/4, Stroke Control
19	4	128822	UNION	3/4"-16, 37° x 3/4"-16, 37°,
20	11	128830	ELBOW	90°, 3/4"-16, 37° x 3/4"-16, O-Ring, Selector Valve Items (PO466083)
21	2	128996	TEE	3/4"-16, 37°
22	2	86513024	TEE	3/4"-16, 37° x 3/4"-16, O-Ring Br,
23	2	25405013	VALVE, CONTROL	Purple
24	1	248974	ELBOW	90°, 3/4"-16, 37° x 3/4"-16, 37° Fem Sw,
25	1	25707534	ADAPTER	3/4 SAE x 3/4 JICF
26	2	14891660	PIN, SPECIAL	1 x 4 1/4, E.L. Clevis
27	2	495-21106	WASHER	1"
28	2	432-1632	PIN, SPLIT (COTTER)	1/4" x 2"
30	2	14810251	PIN, HEADED	5/8 x 3 1/8, E.L. Clevis
31	2	14720411	PIN, SPLIT (COTTER)	1/8 x 2, Hair
32	5	280161	BOLT	Hex, 3/8"-16 x 3", G5,
33	5	88546	BOLT	Hex, 3/8"-16 x 2 1/4", G5,
34	5	425-106	NUT	3/8"-16, G5, Selector Valve Items (PO466083)
35	14	386170C1	STRAP, CABLE	.30" x 27 1/2"
36	1	25401000	VALVE	Selector Valve Items (PO466083)
37	4	128818	CONNECTOR, HYD.	3/4"-16, 37° x 3/4"-16, O-Ring, Selector Valve Items (PO466083)
38	2	87936	BOLT	Hex, 3/8"-16 x 2 1/2", G5, Selector Valve Items (PO466083)
39	4	87506450	COUPLING	3/4 SAEF, Male, ISO
41	2	14891672	PIN	1 x 9, For 4 x 6 Tube
41	2	14816466	CLEVIS	1 x 5.81, For 4 x 4 Tube
42	2	80753	PIN, SPLIT (COTTER)	1/4" x 1 1/2"

CNH 5300 Hydraulics 40 1/2' - 42 1/2'

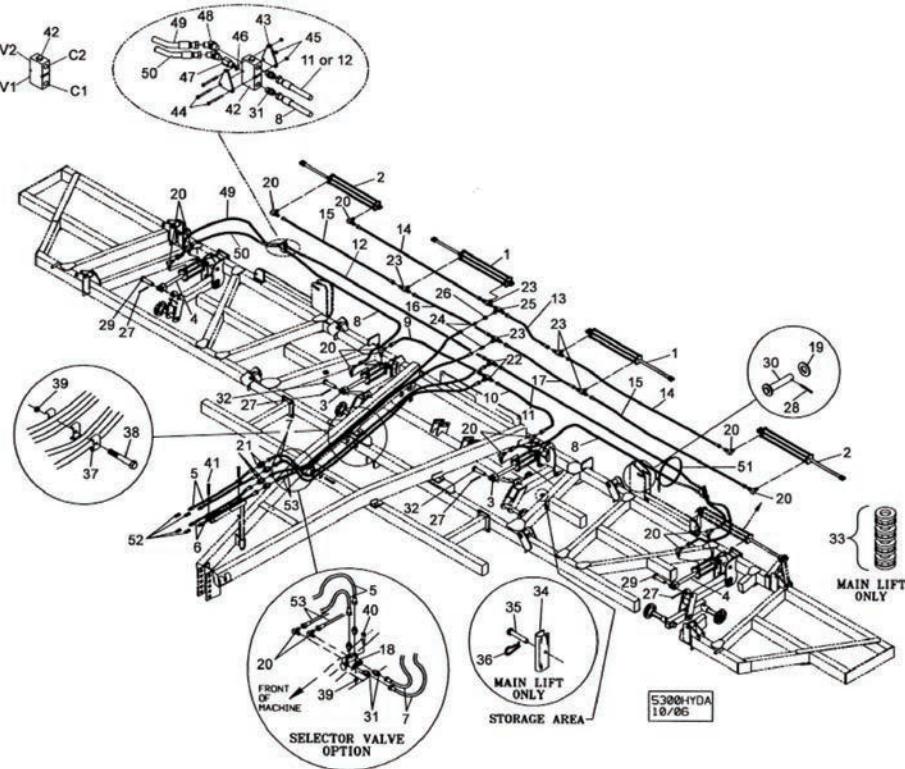


Key	Qty.	Part No.	Part Name	Description
1	2	25340362	CYLINDER ASSY.	4 x 36
2	2	25330241	CYLINDER ASSY.	3 x 24
3	2	87394803	HYDRAULIC CYLINDER	3 1/2 x 10, Rephase
4	2	87394795	HYDRAULIC CYLINDER	3 1/4 x 10, Rephase
5	2	25610855	HOSE ASSY.	1/2 x 100
6	2	25610645	HOSE ASSY.	3/8 x 80
7	2	134216A1	HOSE	1/2 x 165
8	4	25600633	HOSE ASSY.	3/8 x 165
9	1	25600630	HOSE ASSY.	3/8 x 30
10	1	25600662	HOSE ASSY.	3/8 x 72
11	1	25600695	HOSE ASSY.	3/8 x 220
12	1	25600615	HOSE ASSY.	3/8 x 173
13	1	25600655	HOSE ASSY.	3/8 x 55
14	2	25600650	HOSE ASSY.	3/8 x 128
15	2	25600669	HOSE ASSY.	3/8 x 114
16	1	25600634	HOSE ASSY.	3/8 x 37
17	1	25600704	HOSE ASSY.	3/8 x 97
20	12	128830	ELBOW	90°, 3/4"-16, 37° x 3/4"-16, O-Ring, Selector Valve Items (PO466083)
21	2	128822	UNION	3/4"-16, 37° x 3/4"-16, 37°,
23	5	86513024	TEE	37°, 3/4"-16 x 3/4"-16,
24	2	25405013	VALVE, CONTROL	Purple
25	1	218-845	TEE	37°, 3/4"-16 x 3/4"-16, Fem Sw Run
26	1	25707534	ADAPTER	3/4 SAEM x 3/4 JICF
30	2	04632700	STAY	9 3/4
31	2	25800010	CYLINDER STOP	1 1/4, Stroke Control
32	15	06200125	CLAMP, HOSE	
33	2	14891660	PIN, SPECIAL	1 x 4 1/4, E.L. Clevis
34	2	87430410	PIN, SPECIAL	1 x 5.54, E.L. Clevis
35	2	14810251	PIN, HEADED	5/8 x 3 1/8, E.L. Clevis
36	2	14720411	PIN, SPLIT (COTTER)	1/8 x 2, Hair
37	2	432-1632	PIN, SPLIT (COTTER)	1/4" x 2"
38	2	80753	PIN, SPLIT (COTTER)	1/4" x 1 1/2"
39	5	86507000	BOLT	Hex, 3/8"-16 x 2 1/4", G5
40	5	280161	BOLT	Hex, 3/8"-16 x 3", G5
41	2	87374	WASHER	1",
42	5	425-106	NUT	3/8"-16, G5, Selector Valve Items (PO466083)
43	UAR	386170C1	STRAP, CABLE	.30" x 27 1/2"
44	1	25401000	VALVE	Selector Valve Items (PO466083)
45	4	128818	CONNECTOR, HYD.	3/4"-16, 37° x 3/4"-16, O-Ring, , Selector Valve Items (PO466083)
46	2	87936	BOLT	Hex, 3/8"-16 x 2 1/2", G5, Selector Valve Items (PO466083)
47	4	87506450	COUPLING	3/4 SAEF, Male, ISO
48	2	14891672	PIN	1 x 9, Clevis, For 4 x 6 Tube
48	2	14816466	CLEVIS	1 x 5.81, For 4 x 4 Tube

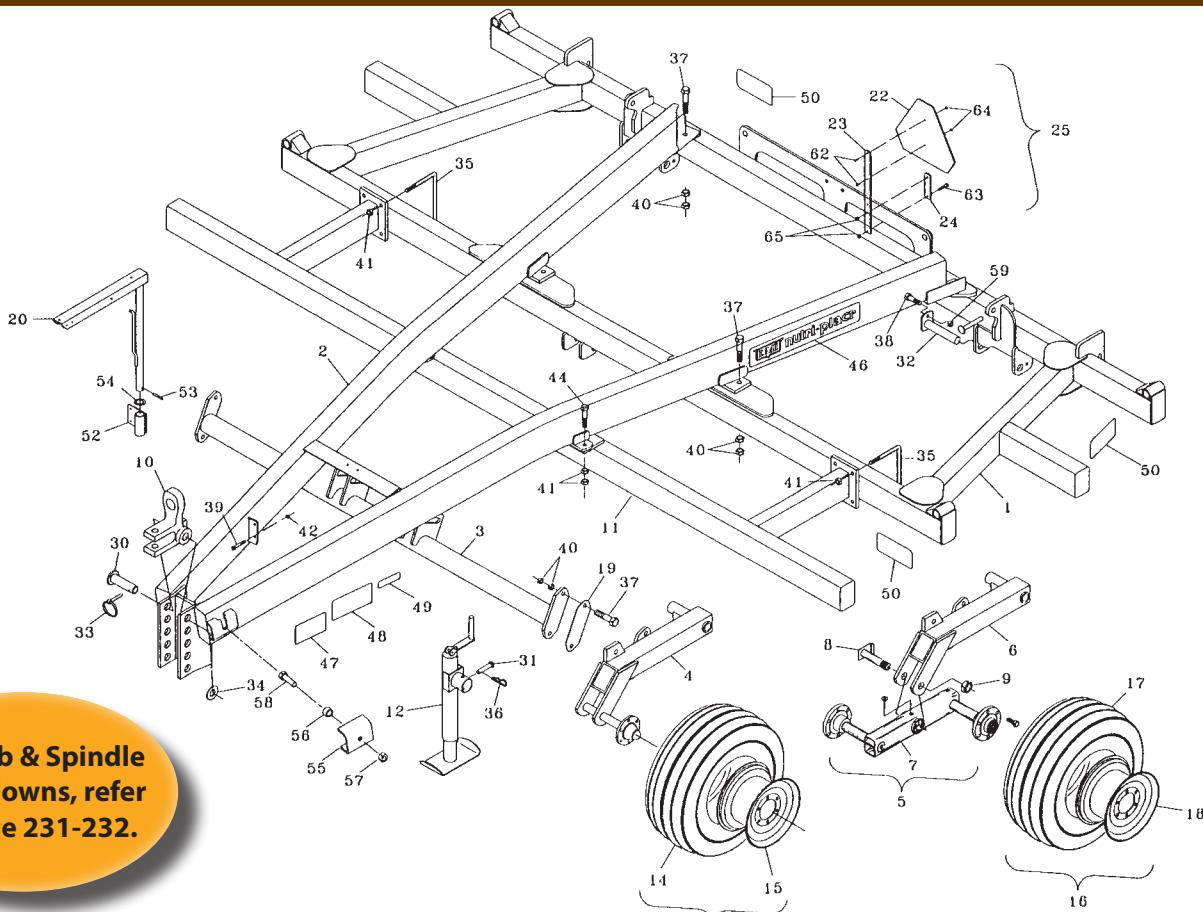
CNH 5300 Hydraulics 47 1/2' - 52 1/2'

Key	Qty.	Part No.	Part Name	Description	Key	Qty.	Part No.	Part Name	Description
1	1	25340362	CYLINDER ASSY.	4 x 36	37	15	06000125	CLAMP, HOSE	
2	2	25340242	CYLINDER ASSY.	4 x 24, 50 Foot Unit With 15 Shank Spacing Only	38	5	88546	BOLT	Hex, $\frac{3}{8}$ "-16 x 2 $\frac{1}{4}$ ", G5
2	2	25335242	CYLINDER ASSY.	3 $\frac{1}{2}$ x 24, 47 $\frac{1}{2}$ & 52 $\frac{1}{2}$ Units	39	5	425-106	NUT	$\frac{3}{8}$ "-16, G5
3	2	87394803	HYDRAULIC CYLINDER	3 $\frac{1}{2}$ x 10, Rephase	40	2	413-640	BOLT	Hex, $\frac{3}{8}$ "-16 x 2 $\frac{1}{2}$ ", G5
4	2	87394795	HYDRAULIC CYLINDER	3 $\frac{1}{4}$ x 10, Rephase	41	5	280161	BOLT	Hex, $\frac{3}{8}$ "-16 x 3", G5
5	2	25610855	HOSE ASSY.	$\frac{1}{2}$ x 100	42	1	298624A1	VALVE	Piloted
6	2	25610645	HOSE ASSY.	$\frac{3}{8}$ x 80	43	2	87577920	PLATE	
7	2	134216A1	HOSE	$\frac{1}{2}$ x 165	44	3	280566	BOLT	Hex, $\frac{1}{4}$ "-20 x 2 $\frac{3}{4}$ ", G5
8	2	25600711	HOSE ASSY.	$\frac{3}{8}$ x 93	45	3	86992211	NUT, LOCK	$\frac{1}{4}$
9	1	25600630	HOSE ASSY.	$\frac{3}{8}$ x 30	46	2	128825	O-RING	8-1, 90 Duro, .644" ID x .087" Thick
10	1	25600662	HOSE ASSY.	$\frac{3}{8}$ x 72	47	2	25407502	VALVE, CONTROL	Pink
11	1	25600752	HOSE ASSY.	$\frac{3}{8}$ x 161	48	2	216797	ELBOW	45°, $\frac{3}{4}$ "-16, 37° x $\frac{3}{4}$ "-16, O-Ring
12	1	25600691	HOSE ASSY.	$\frac{3}{8}$ x 99	49	2	25600620	HOSE ASSY.	$\frac{3}{8}$ x 64 $\frac{1}{2}$
13	1	25600655	HOSE ASSY.	$\frac{3}{8}$ x 55	50	2	25600708	HOSE ASSY.	$\frac{3}{8}$ x 50
14	2	25600650	HOSE ASSY.	$\frac{3}{8}$ x 128	51	UAR	386170C1	STRAP, CABLE	.30"x27 $\frac{1}{2}$ "
15	2	25600669	HOSE ASSY.	$\frac{3}{8}$ x 114	52	4	87506450	COUPLING	$\frac{3}{4}$ SAEF
16	1	25600634	HOSE ASSY.	$\frac{3}{8}$ x 37	53	2	25600633	HOSE ASSY.	$\frac{3}{8}$ x 165
17	1	25600704	HOSE ASSY.	$\frac{3}{8}$ x 97					
18	1	128818	CONNECTOR, HYD.	$\frac{3}{4}$ "-16, 37° x $\frac{3}{4}$ "-16, O-Ring					
19	2	495-21106	WASHER	1", 1.062 x 2 $\frac{1}{2}$ x .165					
20	12	128830	ELBOW	90°, $\frac{3}{4}$ "-16, 37° x $\frac{3}{4}$ "-16, O-Ring					
21	2	128822	UNION	$\frac{3}{4}$ "-16, 37° x $\frac{3}{4}$ "-16, 37°					
22	2	128996	TEE	$\frac{3}{4}$ "-16, 37°					
23	5	86513024	TEE	37°, $\frac{3}{4}$ "-16 x $\frac{3}{4}$ "-16 Tube Swivel					
24	2	25405013	VALVE, CONTROL	Purple					
25	1	218-845	TEE	37°, $\frac{3}{4}$ "-16 x $\frac{3}{4}$ "-16, Fem Sw Run					
26	1	25707534	ADAPTER	$\frac{3}{4}$ SAEM x $\frac{3}{4}$ JICF					
27	2	80753	PIN, SPLIT (COTTER)	$\frac{1}{4}$ " x 1 $\frac{1}{2}$ "					
28	2	432-1632	PIN, SPLIT (COTTER)	$\frac{1}{4}$ " x 2"					
29	2	14816466	CLEVIS						
30	2	14891660	PIN, SPECIAL	1 x 4 $\frac{1}{4}$					
31	4	128818	CONNECTOR, HYD.	$\frac{3}{4}$ "-16, 37° x $\frac{3}{4}$ "-16, O-Ring					
32	2	14891672	PIN	1 x 9, For 4 x 6 Tube					
33	2	25800010	CYLINDER STOP	1 $\frac{1}{4}$ " Stroke Control					
34	1	04632700	STAY	9 $\frac{3}{4}$					
35	2	14810251	PIN, HEADED	$\frac{5}{8}$ x 3 $\frac{1}{8}$					
36	2	14720411	PIN, SPLIT (COTTER)	$\frac{1}{8}$ x 2					
									930 Outer Wing HD Cylinder 84341604HD

930 Outer Wing HD Cylinder
84341604HD



CNH 4300 Main Frame

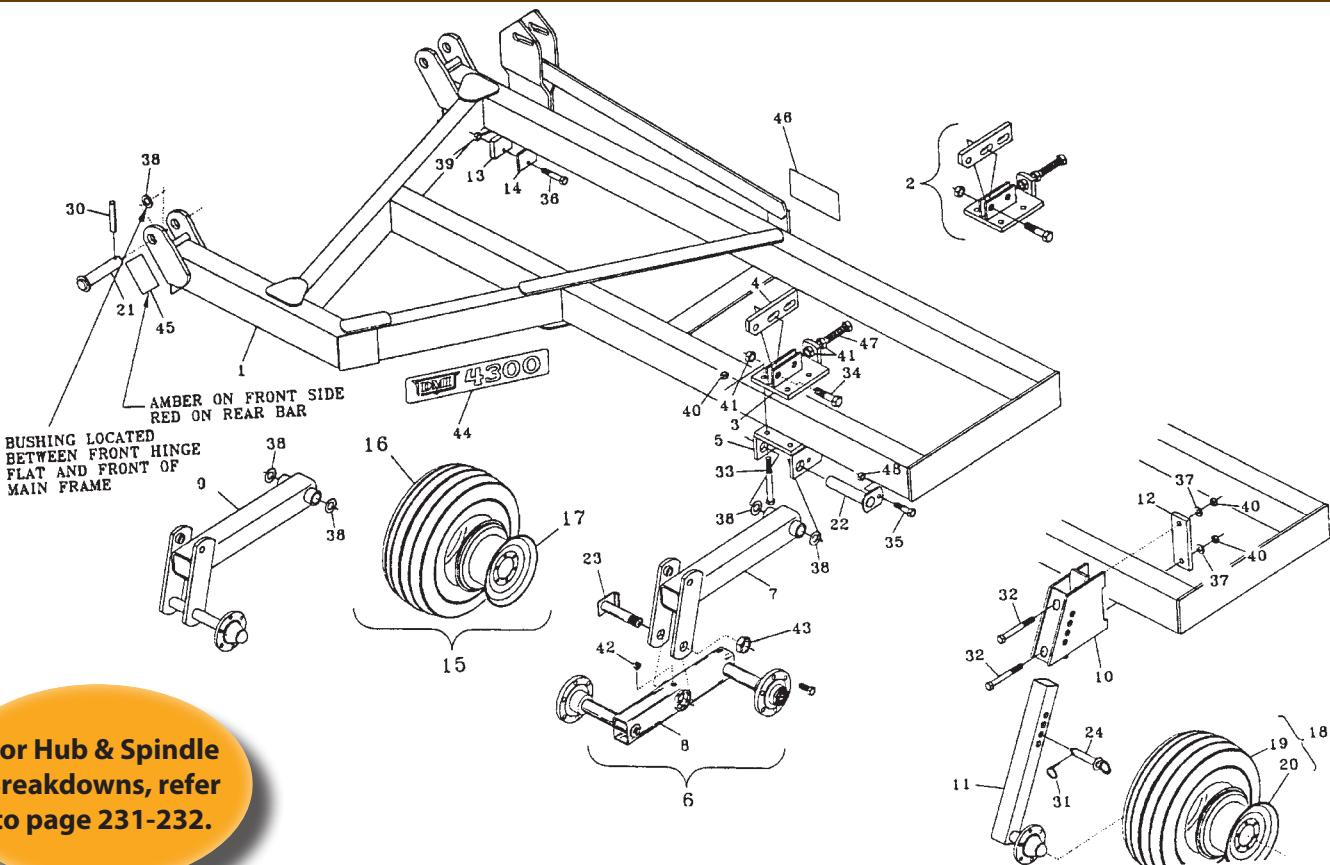


For Hub & Spindle Breakdowns, refer to page 231-232.

Key	Qty.	Part No.	Part Name	Description
1	1	87554292	FRAME	Main
2	1	87338697	FRAME ASSY	Pull
3	1	87552165	TUBE	97.31, Torque
4	1	04681900	ARM	Spindle, Heavy Duty, Single, 50-8, Rh
4	1	04681950	ARM	Spindle, Heavy Duty, Single, 50-8, Lh
5	1	87346471	AXLE	Spindle, Tandem 783, Rh, 1997 & Prior Production Used 888 Hub
5	1	87346472	AXLE	Spindle, Tandem 783, Lh, 1997 & Prior Production Used 888 Hub
6	1	04662050	ARM	Spindle, Tandem, Rh
6	1	04662150	ARM	Spindle Tandem, Lh
7	1	04662070	BAR ASSY.	Walking Axle, 783, Rh
7	1	04662170	BAR ASSY.	Walking Axle, 783, Lh
8	2	04661850	PIN	Axle
9	2	14032408	NUT, LOCK	1 1/2, Jam with Set Screw
10	1	20092310	CLEVIS	Combination
11	1	87340631	BAR	Front Coulter
12	1	87416370	JACK ASSY.	5-7 K, Swivel
13	2	87447196	WHEEL ASSY	12.5L x 15, 12 Ply, Tire (HD Single Option)
13	2	10010260	WHEEL, LAND	12.5L x 15, 10 Ply, Tire (Standard Single Option)
14	2	NSS	NOT SERVICED SEPARATELY	12.5L x 15, 12 Ply
14	2	NSS	NOT SERVICED SEPARATELY	12.5L X 15, 10 Ply
15	2	10110274	WHEEL	10 x 15, 8 Hole (HD Single Option)
15	2	10110254	WHEEL ASSY.	10 x 15, 6 Hole (Standard Single Option)
16	4	10010250	WHEEL, LAND	11L x 15, 8 Ply Tire, (Tandem Option)
17	4	NSS	NOT SERVICED SEPARATELY	11L x 15, 8 Ply (Tandem Option)
18	4	10108254	WHEEL	10 x 15, 6 Bolt, (Tandem Option)
19	2	04661154	SHIM	
20	1	05302150	STAND	Hose and Gauge
21	1	87389757	CHAIN	30, 400, Safety

Key	Qty.	Part No.	Part Name	Description
22	1	311860A1	EMBLEM	SMV
23	1	06000099	BRACE	SMV
24	1	04660050	BRACE	
25	1	18584200	KIT	SMV
30	1	14820525	PIN, HITCH	1 5/8, OD
31	1	14810251	PIN, HEADED	5/8 x 3 1/8, Clevis
32	2	14820920	PIN	1 5/8, OD
33	1	D33805	PIN	7/16 x 2, Klik
34	1	17426001	WASHER	1 5/8, ID
35	4	87427186	U-BOLT	3/4 x 6 x 5 1/2
36	1	14720411	PIN, SPLIT (COTTER)	1/8 x 2, Hair
37	10	413-1448	BOLT	Hex, 7/8"-9 x 3", G5
38	4	413-1032	BOLT	Hex, 5/8"-11 x 2", G5
40	20	425-1014	NUT	7/8"-9, G5
41	10	425-1012	NUT	3/4"-10, G5
44	2	413-1240	BOLT	Hex, 3/4"-10 x 2 1/2", G5
46	2	18534249	DECAL	Nutri-Plac'r
47	1	18534107	DECAL	Patent
48	1	18534228	DECAL	Caution
49	1	18534174	DECAL	Other Patents Applied For
50	4	18534227	DECAL, DANGER	Danger
54	1	17620030	BUSHING	1 1/4, Machine
55	1	04681210	BRACKET	
56	1	04681211	BUSHING	
57	1	86992219	NUT, LOCK	1
58	1	84128	BOLT	Hex, 1"-8 x 3", G5
59	4	280374	NUT	5/8"-11, G5
62	2	9707580	BOLT	Hex, 1/4"-20 x 3/4", G5, Full Thd
63	2	9706689	BOLT	Hex, 3/8"-16 x 1 3/4", G5
64	2	86992211	NUT, LOCK	1/4
65	2	87039402	NUT, LOCK	3/8"-16, GB
66	2	14891672	PIN	1 x 9

CNH 4300 Wing

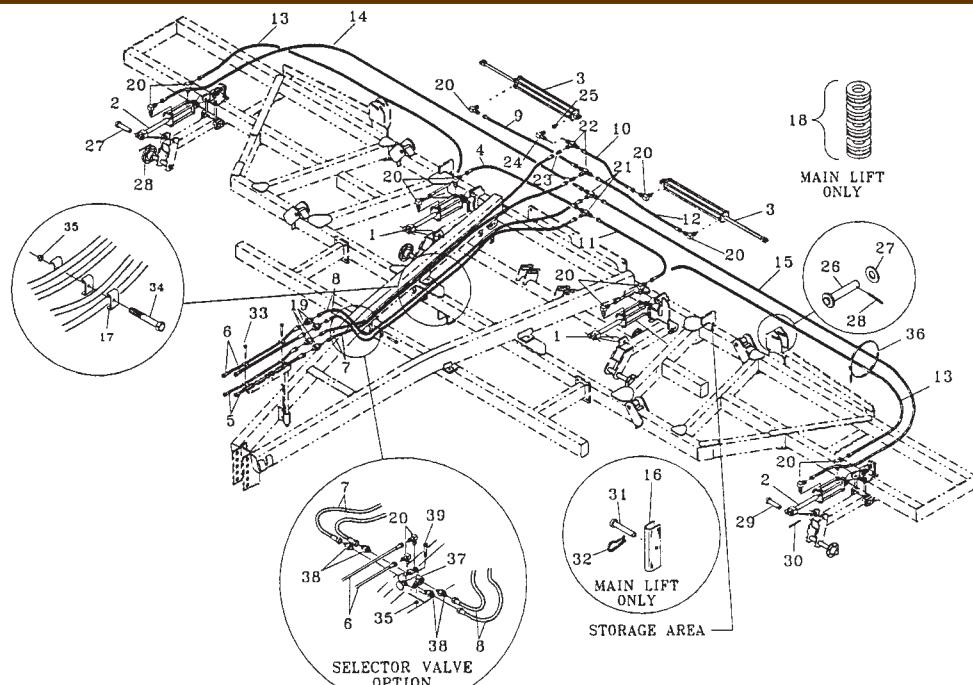


**For Hub & Spindle
Breakdowns, refer
to page 231-232.**

Key	Qty.	Part No.	Part Name	Description
1	1	87338754	FRAME ASSY	72, Rh, 27 Foot Unit
1	1	87338996	FRAME ASSY	72, Lh, 27 Foot Unit
1	1	87339017	FRAME ASSY	96, Rh, 32 Foot Unit
1	1	87339024	FRAME ASSY	96, Lh, 32 Foot Unit
1	1	87339060	FRAME ASSY	124, Rh, 37 Foot Unit
1	1	87339056	FRAME ASSY	124, Lh, 37 Foot Unit
2	2	04661410	MOUNTING PARTS	Top
3	2	04661420	MOUNTING PARTS	Top
4	2	04661451	LUG	Cylinder, Adjustable
5	2	04661430	MOUNTING PARTS	Spindle
6	1	04661600	WHEEL	Gauge, Tandem, 888 Hub, Rh
6	1	04661700	WHEEL	Gauge, Tandem, 888 Hub, Lh
7	2	04661610	ARM	Spindle, Tandem
8	1	04662070	BAR ASSY.	Axle, Walking, 783 Hub, Rh, (1997 & Prior Used 888 Hub)
8	1	04662170	BAR ASSY.	Axle, Walking, 783 Hub, Lh, (1997 & Prior Production Used 888 Hub)
9	1	04661440	WHEEL	Gauge, Single, 783 Hub, Rh
9	1	04661540	WHEEL	Gauge, Single, 783 Hub, Lh
10	2	04661320	GAUGE	Mounting, Bracket
11	2	02380400	BAR ASSY.	
12	2	09576610	LINKAGE	Gauge Wheel
13	2	04662230	BLOCK	Wing Stop, Pin Adjust Only
14	UAR	04662231	SHIM	Wing Stop, Pin Adjust Only
15	UAR	10008256	WHEEL, LAND	9.5L x 15, 6 Ply
16	UAR	NSS	NOT SERVICED SEPARATELY	9.5L x 15, 6 Ply
17	UAR	10108254	WHEEL	8 x 15, 6 Hole
18	2	87461162	WHEEL ASSY.	8.5L x 14, 6 Ply
19	2	NSS	NOT SERVICED SEPARATELY	8.5L x 14, 6 Ply
20	2	87461169	WHEEL ASSY.	14 x 8, 6 Hole
21	4	14826552	PIN	Hinge
22	2	14820640	PIN, SPECIAL	1 5/8

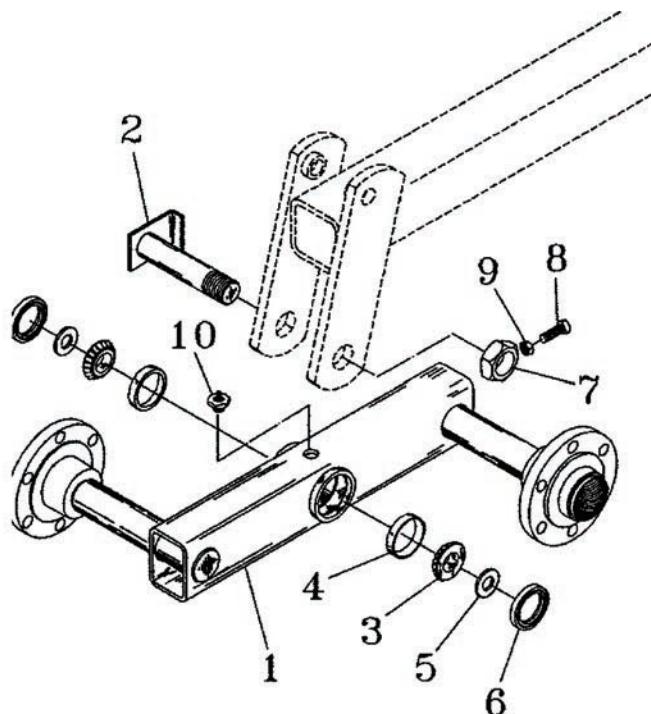
Key	Qty.	Part No.	Part Name	Description
23	2	04661850	PIN	Axle
24	2	14816348	PIN	1 x 4 1/4
30	4	438-32840	PIN	7/16" x 2 1/2", Coiled
31	2	270184	PIN	1/4 x 1 3/4, Klik
32	4	280223	BOLT	Hex, 3/4"-10 x 6 1/2", G5
33	8	86502676	BOLT	Hex, 3/4"-10 x 8 1/2", G5
34	2	413-1440	BOLT	Hex, 7/8"-9 x 2 1/2", G5
35	2	413-1032	BOLT	Hex, 5/8"-11 x 2", G5
36	2	413-832	BOLT	Hex, 1/2"-13 x 2", G5
37	4	492-11075	WASHER, LOCK	3/4"
38	2	17627010	BUSHING	1 1/8, 14 gauge, Machine
39	2	425-108	NUT	1/2"-13, G5
40	12	425-1012	NUT	3/4"-10, G5
41	6	425-1014	NUT	7/8"-9, G5
42	2	219-86	NIPPLE, LUBE	1/8" x .62" Lg, Drive
43	2	14032408	NUT, LOCK	1 1/2, Jam With Set Screw
44	1	87666428	DECAL	NPX5300, Rh
44	1	87666427	DECAL	NPX5300, Lh
45	1	18534243	REFLECTOR	Amber
45	1	18534244	REFLECTOR	Red
46	2	18534261	DECAL	DMI
47	2	16901411	BOLT	7/8 x 4
48	2	280374	NUT	5/8"-11, G5

CNH 4300 Hydraulics w/ Hydraulic Gauge Wheels



Key	Qty.	Part No.	Part Name	Description
1	2	87394803	HYDRAULIC CYLINDER	3 1/2 x 10, Rephase
2	2	87394795	HYDRAULIC CYLINDER	3 1/4 x 10, Rephase
3	2	25335361	CYLINDER ASSY.	3 1/2 x 36
4	1	25600630	HOSE ASSY.	3/8 x 30
5	2	25610645	HOSE ASSY.	3/8 x 80
6	2	25610855	HOSE ASSY.	1/2 x 100
7	2	25600633	HOSE ASSY.	3/8 x 165
8	2	134216A1	HOSE	1/2 x 165
9	1	25600634	HOSE ASSY.	3/8 x 37
10	1	25600655	HOSE ASSY.	3/8 x 55
11	1	25600662	HOSE ASSY.	3/8 x 72
12	1	25600704	HOSE ASSY.	3/8 x 97
13	2	25600667	HOSE ASSY.	3/8 x 187
14	1	25600695	HOSE ASSY.	3/8 x 220
15	1	25600707	HOSE ASSY.	3/8 x 246
16	2	04632700	STAY	9 3/4
17	15	06200125	CLAMP, HOSE	
18	2	25800010	CYLINDER	1 1/4
19	4	128822	UNION	3/4"-16, 37° x 3/4"-16, 37°
20	11	128830	ELBOW	90°, 3/4"-16, 37° x 3/4"-16, O-Ring, Selector Valve Items (PO466083)
21	2	128996	TEE	3/4"-16, 37°
22	2	86513024	TEE	3/4"-16, 37° x 3/4"-16, O-Ring Br
23	2	25405013	VALVE, CONTROL	Purple
24	1	248974	ELBOW	90°, 3/4"-16, 37° x 3/4"-16, 37° Fem Sw
25	1	25707534	ADAPTER	3/4 SAEM x 3/4 JICF
26	2	14891660	PIN, SPECIAL	1 x 4 1/4, E.L.Cleis
27	2	495-21106	WASHER	1"
28	2	432-1632	PIN, SPLIT (COTTER)	1/4" x 2"
29	2	87430410	PIN, SPECIAL	1 x 5.54, E.L. Clevis
30	2	80753	PIN, SPLIT (COTTER)	1/4" x 1 1/2"
31	2	14810251	PIN, HEADED	5/8 x 3 1/8, E.L. Clevis
32	2	14720411	PIN, SPLIT (COTTER)	1/8 x 2, Hair
33	5	280161	BOLT	Hex, 3/8"-16 x 3", G5
34	5	88546	BOLT	Hex, 3/8"-16 x 2 1/4", G5
35	5	425-106	NUT	3/8"-16, G5, Selector Valve Items (PO466083)
36	14	386170C1	STRAP, CABLE	.30" x 27 1/2"
37	1	25401000	VALVE	Selector, Selector Valve Items (PO466083)
38	4	128818	CONNECTOR, HYD.	3/4"-16, 37° x 3/4"-16, O-Ring, Selector Valve Items (PO466083)
39	2	87936	BOLT	Hex, 3/8"-16 x 2 1/2", G5, Selector Valve Items (PO466083)
40	4	87506450	COUPLING	3/4 SAEF, Male, ISO
41	2	14891672	PIN	1 x 9, Clevis, For 4 x 6 Tube
41	2	14816466	CLEVIS	1 x 5.81, Clevis, For 4 x 4 Tube

CNH 4300 Walking Axle



For Hub & Spindle
Breakdowns, refer
to page 231-232.

CNH 4300 Wing Walking Axle Single Fold

Key	Qty.	Part No.	Part Name	Description
	1	04662070	Bar Assy.	Axle, Walking, 783 Hub, Rh
	1	04662170	Bar Assy.	Axle, Walking, 783 Hub, Lh
1	1	04662060	Axle	Walking, 783 Hub, Rh
1	1	04662160	Axle	Walking, 783 Hub, Lh
2	1	04661850	Pin	Axle
3	2	21871500	Bearing, Cone	1.50 Bore, Timken LM29749
4	2	21882561	Bearing Set	2.56 Od, Timken 29710
5	2	06201420	Spacer	
6	2	36060	Seal, Oil	2.094 Id, CR20952
7	1	14032408	Nut, Special	1 1/2" with Set Screw
8	1	16806045	Screw	3/8" x 1" Square Head
9	1	87016560	Nut	Jam, 3/8" - 16, G5
10	1	219-86	Nipple, Lube Grease Zerk	1/8" x .62" Lg, Drive
	1	28388807	Spindle	14 1/4" 888 Spindle
	1	28378304	Spindle	2" Dia. - 16 1/4" 888 Spindle

CNH Hydraulic Cylinder



930		
CYLINDER NUMBER	DESCRIPTION	SEAL KIT
84341603	3.5" X 10" CYLINDER	87409038
84344027	3.25" X 10 CYLINDER	87409037
47576472	4" X 36" CYLINDER	25834024
47576474	3.5" X 36" CYLINDER	25833527
84341604	3.5" X 24" CYLINDER	25833527
84366455	3.00" X 24" CYLINDER	25833007

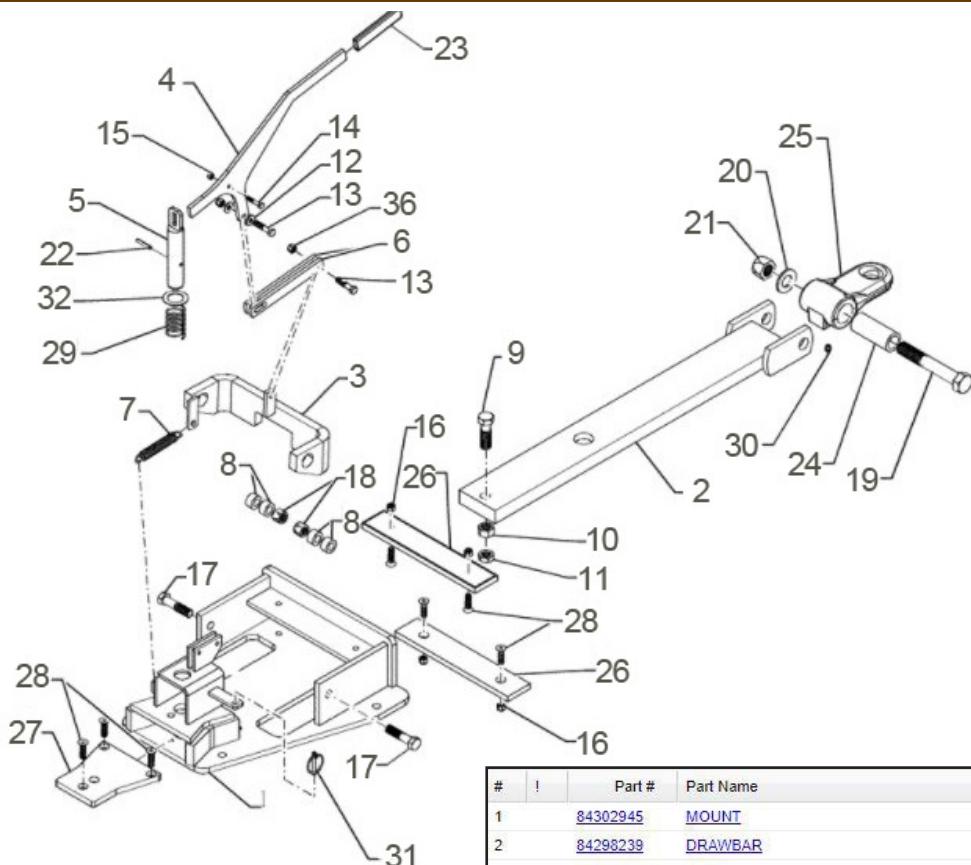
940		
CYLINDER NUMBER	DESCRIPTION	SEAL KIT
84347694	3.5" X 12" CYLINDER	87409038
84347707	3.75" X 12" CYLINDER	87409040
84347708	4" X 12" CYLINDER	87409033
25330160	3" X 16" CYLINDER	9660V2
87493925	4.5" X 36" CYLINDER	87409042

5300		
CYLINDER NUMBER	DESCRIPTION	SEAL KIT
84258230	3.5" X 10" CYLINDER	87409038
87394795	3.25" X 10" CYLINDER, SILVER RAM	80116C2
	3.25" X 10" CYLINDER, BLACK RAM	87409037
47582264	3" X 24" CYLINDER	25833007
47576465	4" X 24" CYLINDER	25834024
47576463	3.5" X 36" CYLINDER	25833527
47576466	4" X 36" CYLINDER	25834024

4250		
CYLINDER NUMBER	DESCRIPTION	SEAL KIT
84258230	3.5" X 10" CYLINDER	87409038
87394795	3.25" X 10" CYLINDER, SILVER RAM	87409037
	3.25" X 10" CYLINDER, BLACK RAM	87409037
47582263	3" X 10" CYLINDER	25833007
25340301	4" X 30" CYLINDER	25804023

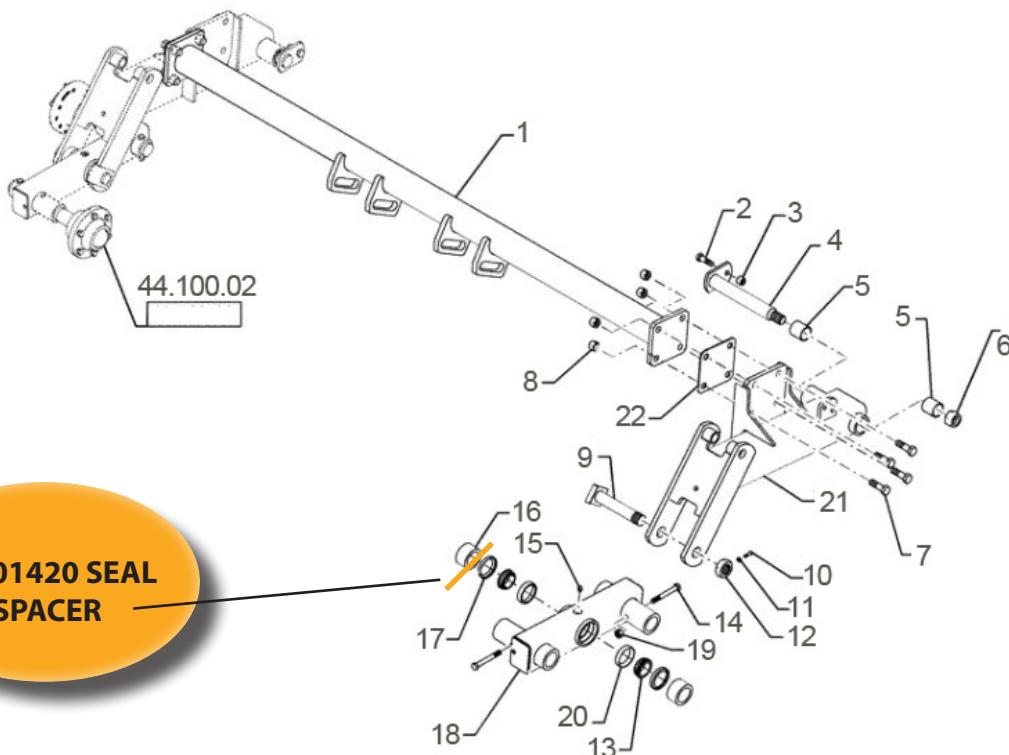
5250		
CYLINDER NUMBER	DESCRIPTION	SEAL KIT
84258230	3.5" X 10" CYLINDER	87409038
87394795	3.25" X 10" CYLINDER, BLACK RAM	87409037
47582264	3" X 24" CYLINDER	25803035
47575804	3.5" X 24" CYLINDER	25803526
25340301	4" X 30" CYLINDER	25804023

930/940 Nutri-Placer Rear Hitch Assembly



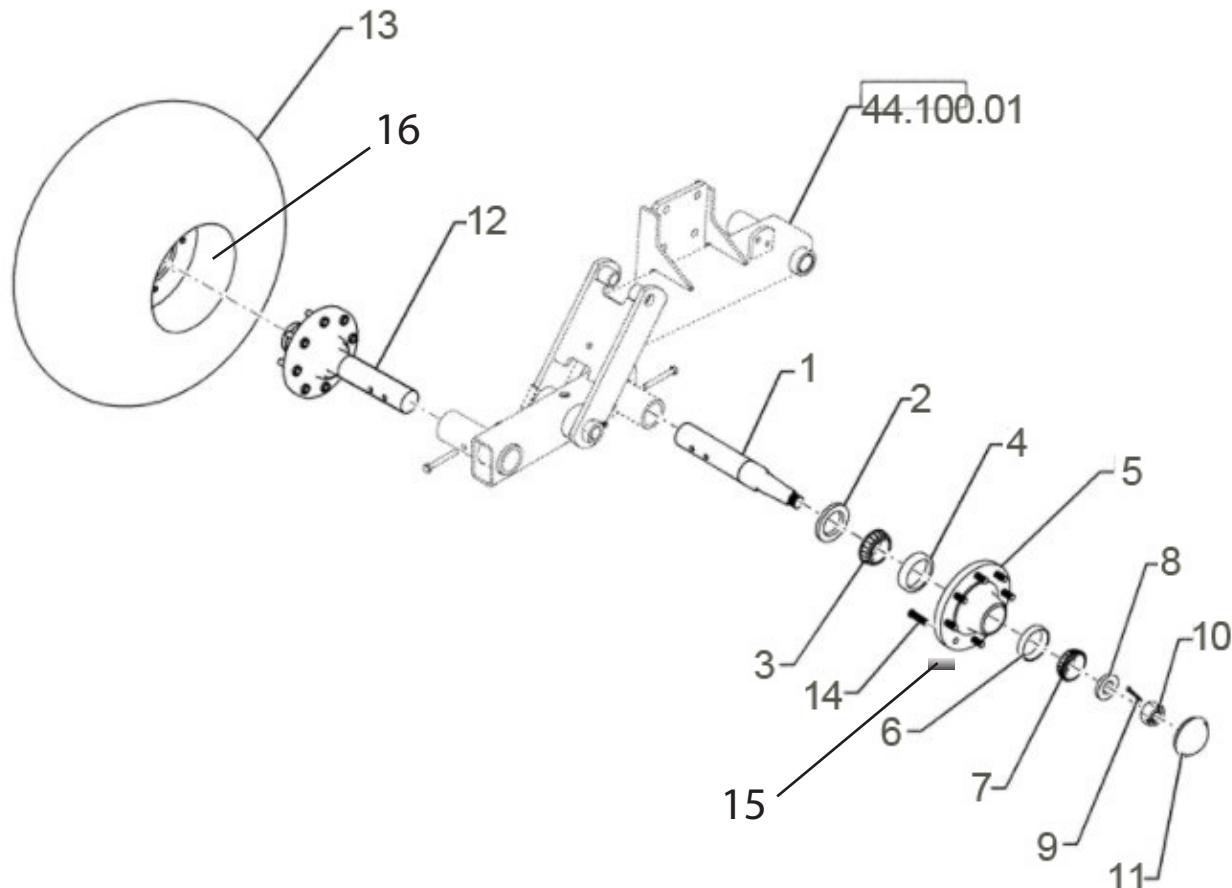
#	I	Part #	Part Name	Description	Qty
1		84302945	MOUNT	Drawbar Service	1
2		84298239	DRAWBAR	Rear Service	1
3		84298263	STOP	Rear Drawbar	1
4		84324317	HANDLE	Rear Hitch	1
5		84284698	PIN	129.29mm Long	1
6		84299077	LINK	196mm x 25.4mm	2
7		24312001	TENSION SPRING	116mm Long	1
8		44006201	BUSHING. 16.38mm ID x 28.58mm OD x 15.75mm L	Steel. 15.74mm Long 31.75mm OD 16.25 ID	4
9		9706701	BOLT.Hex. 3/4" - 10 x 2 1/2", Gr 5		1
10		280954	NUT.3/4"-10_G5		1
11		86632557	JAM NUT.Jam. 3/4"-10_G5		1
12		80664	WASHER.0.38" ID x 0.88" OD x 0.08" Thk		2
13		9706689	BOLT.Hex. 3/8" - 16 x 1 3/4", Gr 5		2
14		280112	BOLT.Hex. 1/4" - 20 x 1-1/2", Gr 5		1
15		280129	NUT.1/4"-20		1
16		88902	NUT.3/8"-16		6
17		88693	BOLT.Hex. 5/8" - 11 x 2 3/4", Gr 5		2
18		85700693	NUT.5/8" - 11, Gr C		2
19		18681	BOLT.Hex. 1" - 8 x 6 1/2", Gr 5		1
20		87367	WASHER.1.06" ID x 2" OD x 0.13" Thk		1
21		9626600	NUT.1"-8, GC		1
22		87406	LOCK PIN.6.35mm OD x 38.1mm L_Slotted		1
23		30011100	HOLDER	Vinyl Handle	1
24		84286406	BUSHING	100mm Long 41.28mm OD 28.7mm ID	1
25		84301688	HITCH	Rear Machined, includes Grease Fitting	1
26		84302325	WEAR STRIP	Plastic. Bolt On. 320.5mm x 63.5mm	2
27		84302350	WEAR STRIP	Plastic. Drop In. 166mm x 12.7mm	1
28		280760	HEX SOC SCREW.FLAT. 3/8" - 16 x 1-1/2"	Hex Soc 1/2-13X1-3/4 FH AST ZND	7
29		84298265	COMPRESSION SPRING	Compression Spring. 63.5 mm Long, 34 mm O.D.	1
30	!	87019498	FITTING	Grease	1
31		270184	LINCH PIN.6.35mm OD		1
32		87613235	WASHER.1.28" ID x 2" OD x 0.06" Thk		1

930 Main Frame Tandem - 42' - 47'



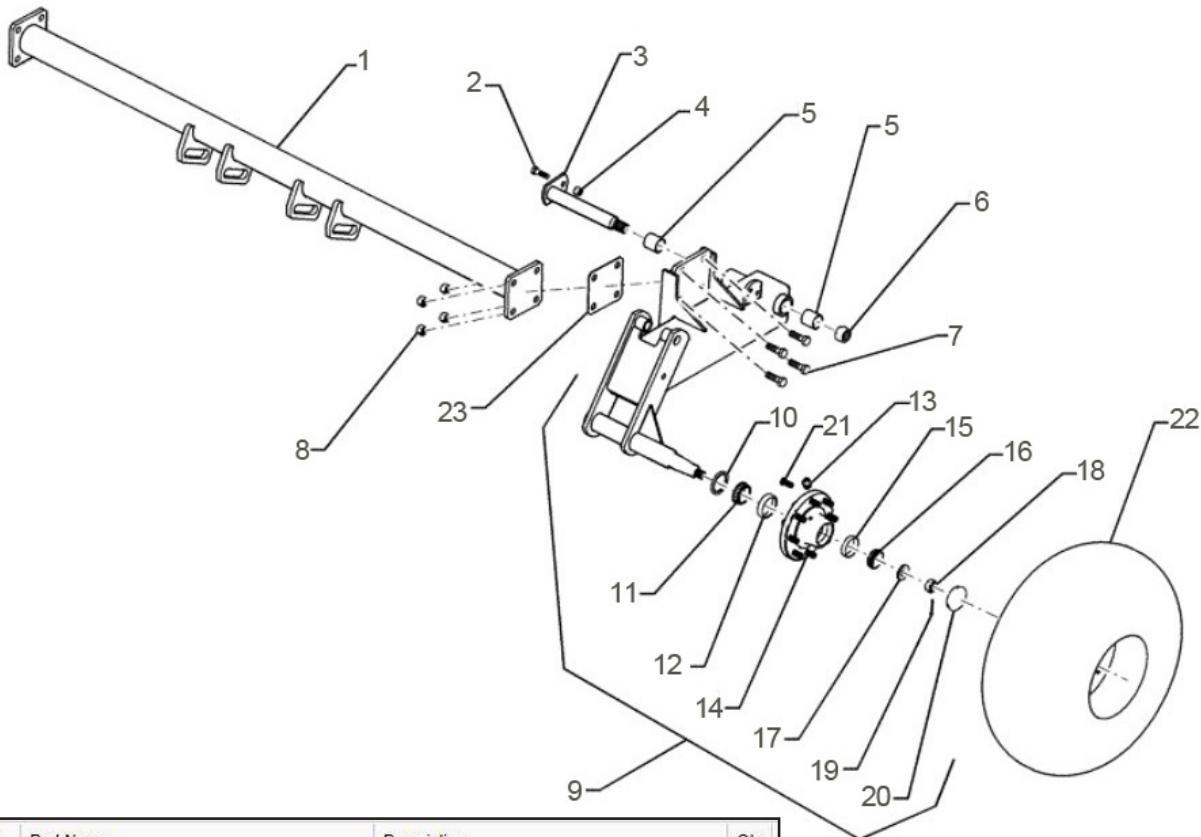
#	!	Part #	Part Name	Description ▾	Qty
1		84414351	SUPPORT TUBE		1
2		86508732	BOLT.5/8"-11 x 2.391" Cl 8		1
3		85700693	NUT.5/8" - 11, Gr C		1
4		84271660	PIN		1
5		87566586	BUSHING		2
6		86614103	NUT.1 1/4"-7, GC		1
7		9706701	BOLT.Hex. 3/4" - 10 x 2 1/2", Gr 5		8
8		280375	NUT.3/4"-10, GC		8
9		84422110	PIN		1
10		16806045	SET SCREW Sq Hd, 3/8" - 16 UNC x 1"		1
11		87016560	JAM NUT.Jam. 3/8"-16, G5		1
12		14032409	NUT		1
13		21871501	BEARING CONE.38.1mm ID x 25.65mm		2
14		86505993	BOLT.Hex. 1/2" - 13 x 4", Gr 5		2
15	!	87019498	FITTING		1
16	!	84422537	SPACER		2
17	!	21932510	SEAL		2
19	!	88871	NUT.1/2" - 13, Gr C		2
20	!	17498D	TAPERED BEARING." ID x 76.2125 mm.		2
22		84414355	SHIM		1
18		04683145	AXLE	LH	1
21	!	84385332	ARM	LH Includes 5	1
18		04683045	AXLE	RH	1
21	!	84385333	ARM	RH Includes 5	1

930 Main Frame Tandem Hub Assembly - 42' - 47'



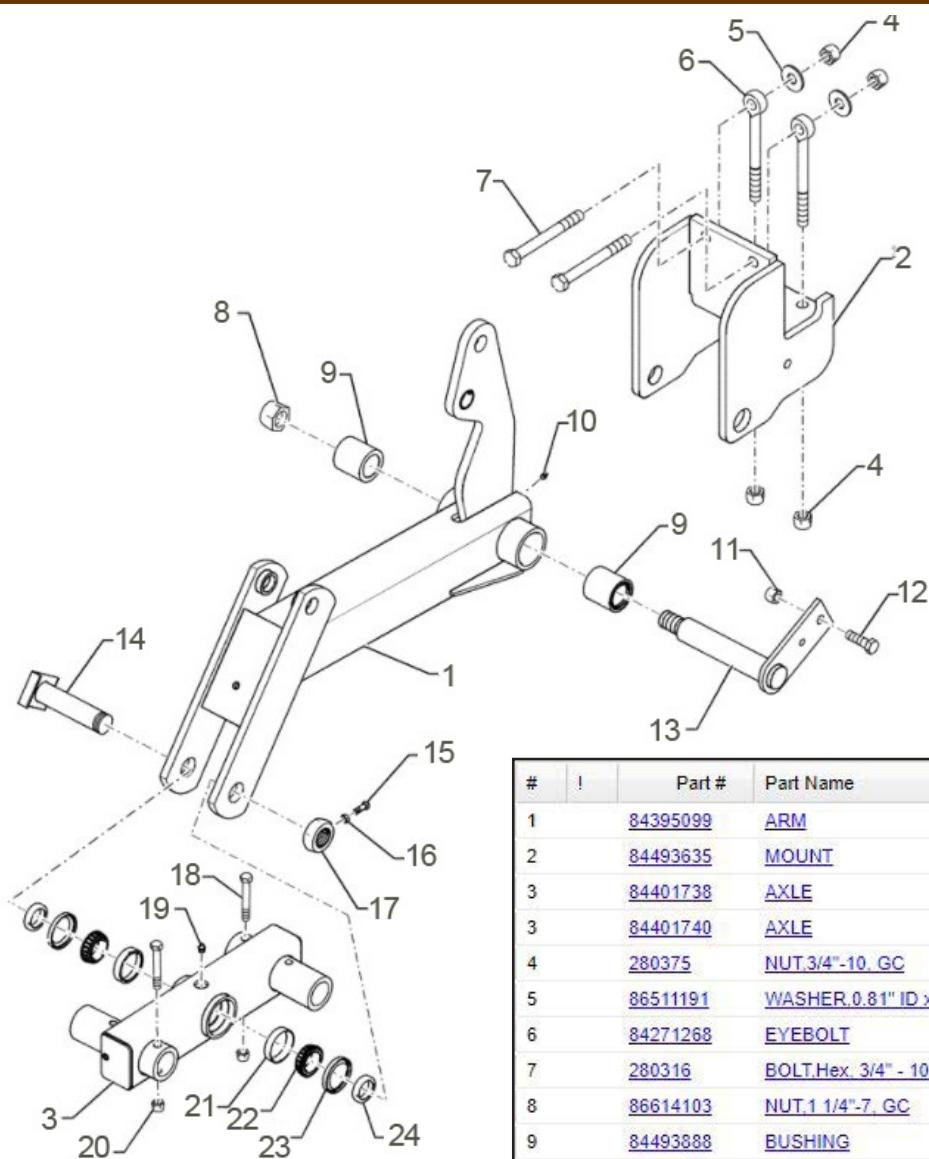
#	!	Part #	Part Name	Description	Qty
1		28350805	<u>STUB AXLE/STEERING S</u>		1
2		21932502	<u>SEAL</u>		1
3	!	21872005	<u>ROLLER BEARING,50 mm ID</u>	<u>Bearing Cone</u>	1
4	!	376463C1	<u>BEARING CUP</u>	<u>Bearing Cup</u>	1
5		28250800	<u>HUB ASSY.</u>	<u>Includes Bearing Cups, Wheel Bolts and Lube Fitting, Ref 4, 6, 14 & 17</u>	1
6	!	663558R1	<u>BEARING CUP</u>		1
7	!	663557R91	<u>BEARING ASSY,1.625" ID x 2.892" OD x 0.77"</u>		1
8		17916100	<u>WASHER</u>		1
9	!	14700600	<u>COTTER PIN</u>		1
10	!	14051603	<u>SLOTTED NUT</u>		1
11	!	84238032	<u>DUST CAP</u>		1
12	!	28050885	<u>STUB AXLE/STEERING S</u>	<u>Includes Ref#s 1-11 & 14</u>	1
13			<u>12.5L X 15 FI Tire Procure Locally</u>		1
14	!	557309R1	<u>BOLT</u>		8
15		554480R1	<u>WHEEL NUT</u>	<u>5/8 NF Lug Nuts (Not Shown)</u>	8
16		10110274	<u>WHEEL</u>	<u>Steel 8-Lug Wheel (Not Shown)</u>	1
17	!	87645504	<u>FITTING</u>	<u>Hub, Lube Fitting (Not Shown)</u>	1

930 Main Frame Single Hub Assembly - 27' - 42'



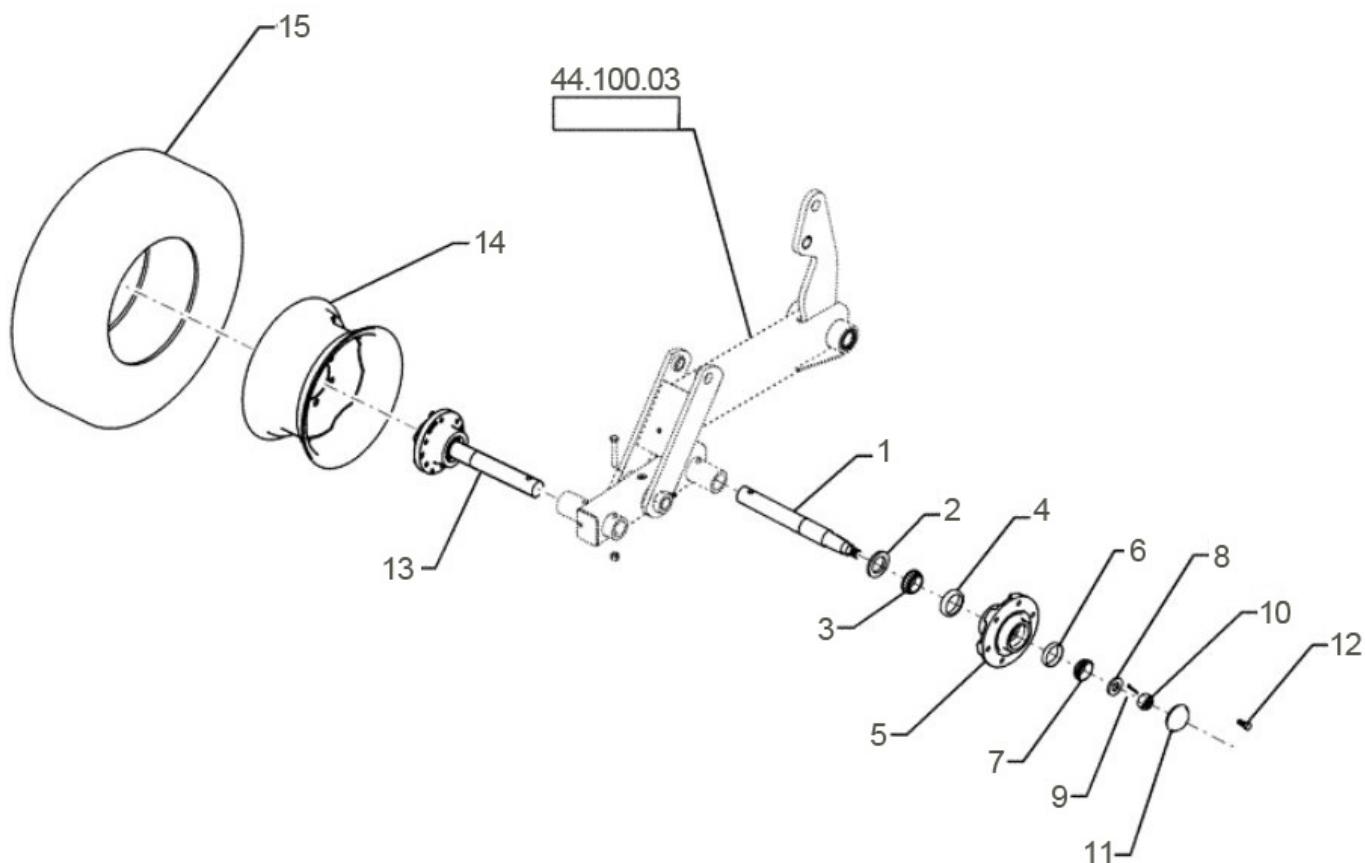
#	!	Part #	Part Name	Description	Qty
1		84414351	SUPPORT TUBE		1
2		86508732	BOLT 5/8"-11 x 2.391" Cl 8		1
3		84271660	PIN		1
4		85700693	NUT 5/8" - 11, Gr C		1
5		87566586	BUSHING		2
6		86614103	NUT 1 1/4"-7, GC		1
7		9706701	BOLT Hex. 3/4" - 10 x 2 1/2", Gr 5		4
8		280375	NUT 3/4"-10, GC		4
9		84414438	ARM	LH - Includes Arm & Ref 5, 10 - 21	1
		84414437	ARM	RH - Includes Arm & Ref 5, 10 - 21	1
10		21932502	SEAL		1
11	!	86980506	BEARING ASSY	Bearing Cone	1
12	!	376463C1	BEARING CUP	Bearing Cup	1
13	!	87645504	FITTING		1
14		84423047	HUB	Includes Cups and Studs Ref #'s 12 & 15 & 21	1
15	!	663558R1	BEARING CUP		1
16	!	663557R91	BEARING ASSY 1.625" ID x 2.892" OD x 0.77"		1
17		17916100	WASHER		1
18	!	427652	SLOTTED NUT 1"-14, G5		1
19		87400	COTTER PIN 3/16" x 2"		1
20	!	84238032	DUST CAP		1
21	!	557309R1	BOLT		1
22		NSS	NOT SOLD SEPARATELY	12.5L X 15 FI Tire	1
23		84414355	SHIM	Shim, Torque Tube	1
24		554480R1	WHEEL NUT	Wheel Nut (Not Shown)	8

930 Wing Tandem Assembly - 42' - 47'



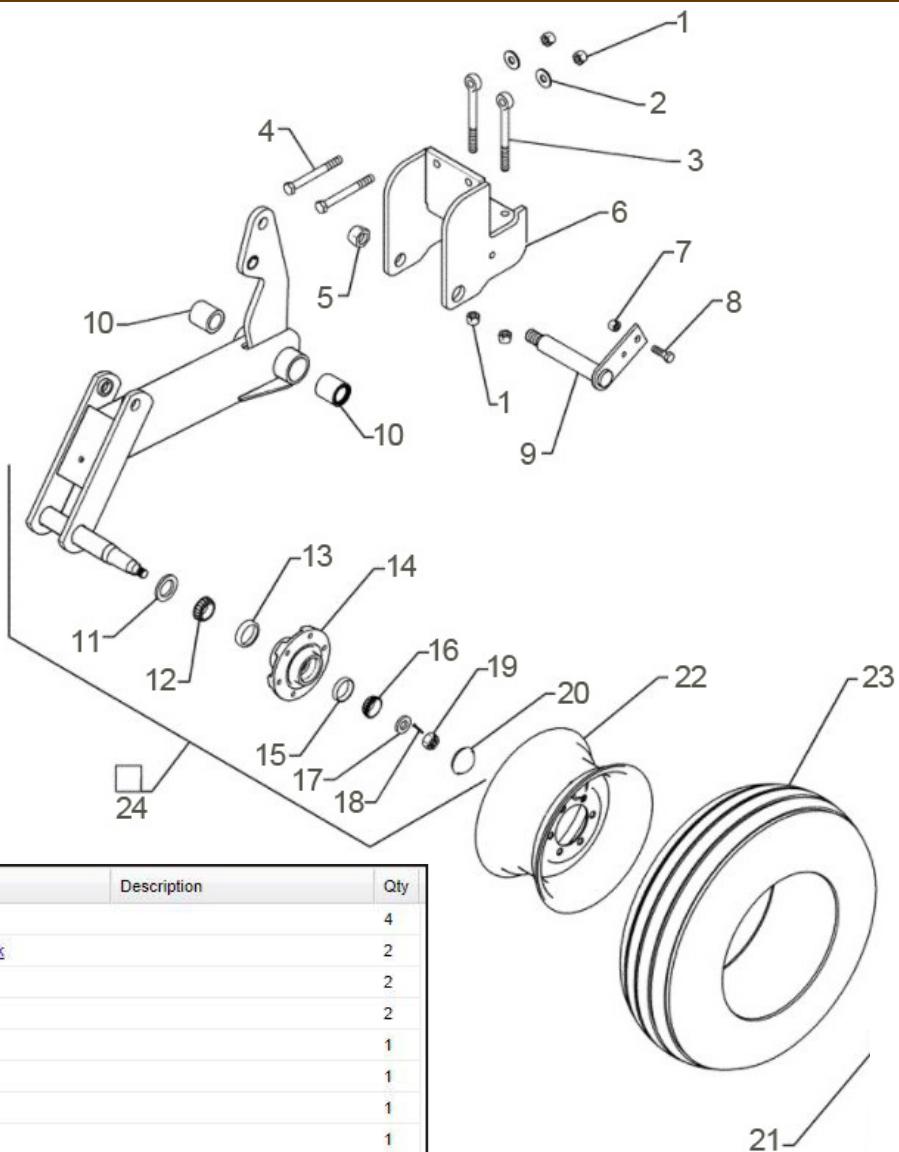
#	I	Part #	Part Name	Description	Qty
1		84395099	ARM	Includes Ref# 9	1
2		84493635	MOUNT		1
3		84401738	AXLE	LH	1
3		84401740	AXLE	RH	1
4		280375	NUT,3/4"-10, GC		4
5		86511191	WASHER,0.81" ID x 2" OD x 0.15" Thk		2
6		84271268	EYEBOLT		2
7		280316	BOLT,Hex. 3/4" - 10 x 7", Gr 5		2
8		86614103	NUT,1 1/4"-7, GC		1
9		84493888	BUSHING		2
10		87414	LUBE NIPPLE,1/4" - 28		1
11		85700693	NUT,5/8"- 11, Gr C		1
12		86508732	BOLT,5/8"-11 x 2.391" Cl 8		1
13		84493961	PIN		1
14		04661850	PIN		1
15		16806045	SET SCREW,Sq Hd. 3/8" - 16 UNC x 1"		1
16		87016560	JAM NUT,Jam. 3/8"-16, G5		1
17		14032409	NUT		1
18		9637417	BOLT,Hex. 1/2" - 13 x 3 1/2", Gr 5		1
19	●	87019498	FITTING		1
20	●	88871	NUT,1/2" - 13, Gr C		1
21	●	478793R1	BEARING CUP		2
22	●	160558C91	BEARING ASSY,1.5005" ID x 2.5635" OD x 0.72"		2
23	●	21932090	SEAL		2
24	●	06201425	SPACER		2

930 Wing Tandem Hub Assembly - 42' - 47'



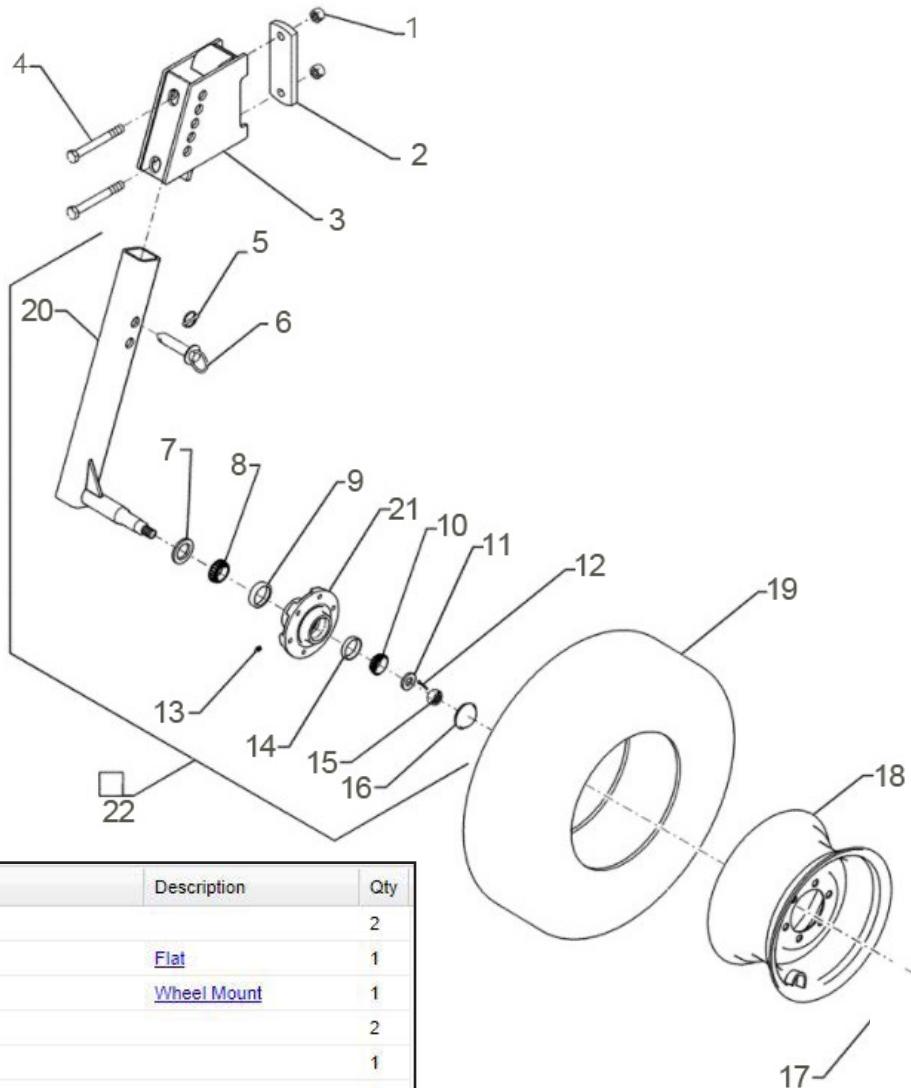
#	!	Part #	Part Name	Description	Qty
1		28378371	STUB AXLE/STEERING S	1.875"	1
2		145769C91	OIL SEAL		1
3	!	663557R91	BEARING ASSY,1.625" ID x 2.892" OD x 0.77"		1
4	!	663558R1	BEARING CUP		1
5	!	28278300	HUB	Includes 4 & 6	1
6	!	651817R1	BEARING CUP		1
7	!	651818R91	ROLLER BEARING,31.77 mm ID x 16.08 mm		1
8		17915000	WASHER		1
9	!	8835	ROLLER BEARING		1
10		84151573	NUT		1
11		28477700	HUB CAP		1
12	!	549962R1	BOLT,1 1/2" - 20 x 1 1/2", Class 3		6
13		28078372	STUB AXLE/STEERING S	Includes 1 - 12, 16	1
14		10108254	WHEEL		1
15			9.5L - 15FI(E) Tubeless Tire, Procure Locally		1
16	!	15302005	FITTING	Not Shown	1

930 Wing Single Hub Assembly



#	!	Part #	Part Name	Description	Qty
1		280375	NUT.3/4"-10, GC		4
2		86511191	WASHER.0.81" ID x 2" OD x 0.15" Thk		2
3		84271268	EYEBOLT		2
4		280316	BOLT.Hex. 3/4" - 10 x 7", Gr 5		2
5		86614103	NUT.1 1/4"-7, GC		1
6		84493635	MOUNT		1
7		85700693	NUT.5/8" - 11, Gr C		1
8		86508732	BOLT.5/8"-11 x 2.391" Cl 8		1
9		84493961	PIN		1
10		84493888	BUSHING		2
11		145769C91	OIL SEAL		1
12	!	663557R91	BEARING ASSY.1.625" ID x 2.892" OD x 0.77"		1
13	!	663558R1	BEARING CUP		1
14	!	28278300	HUB	Includes Cups (Ref#'s 13 and 15)	1
15	!	651817R1	BEARING CUP		1
16	!	651818R91	ROLLER BEARING.31.77 mm ID x 16.08 mm		1
17		17915000	WASHER		1
18		84151573	NUT		1
19		88350	COTTER PIN.5/32" x 1-1/2"		1
20		28477700	HUB CAP		1
21	!	549962R1	BOLT.1 1/2" - 20 x 1 1/2", Class 3		6
22		10106254	WHEEL		1
23			11L - 15 Procure Locally		1
24		84493838	ARM	LH. Includes 10 - 20	1
24		84493840	ARM	RH. Includes 10 - 20	1

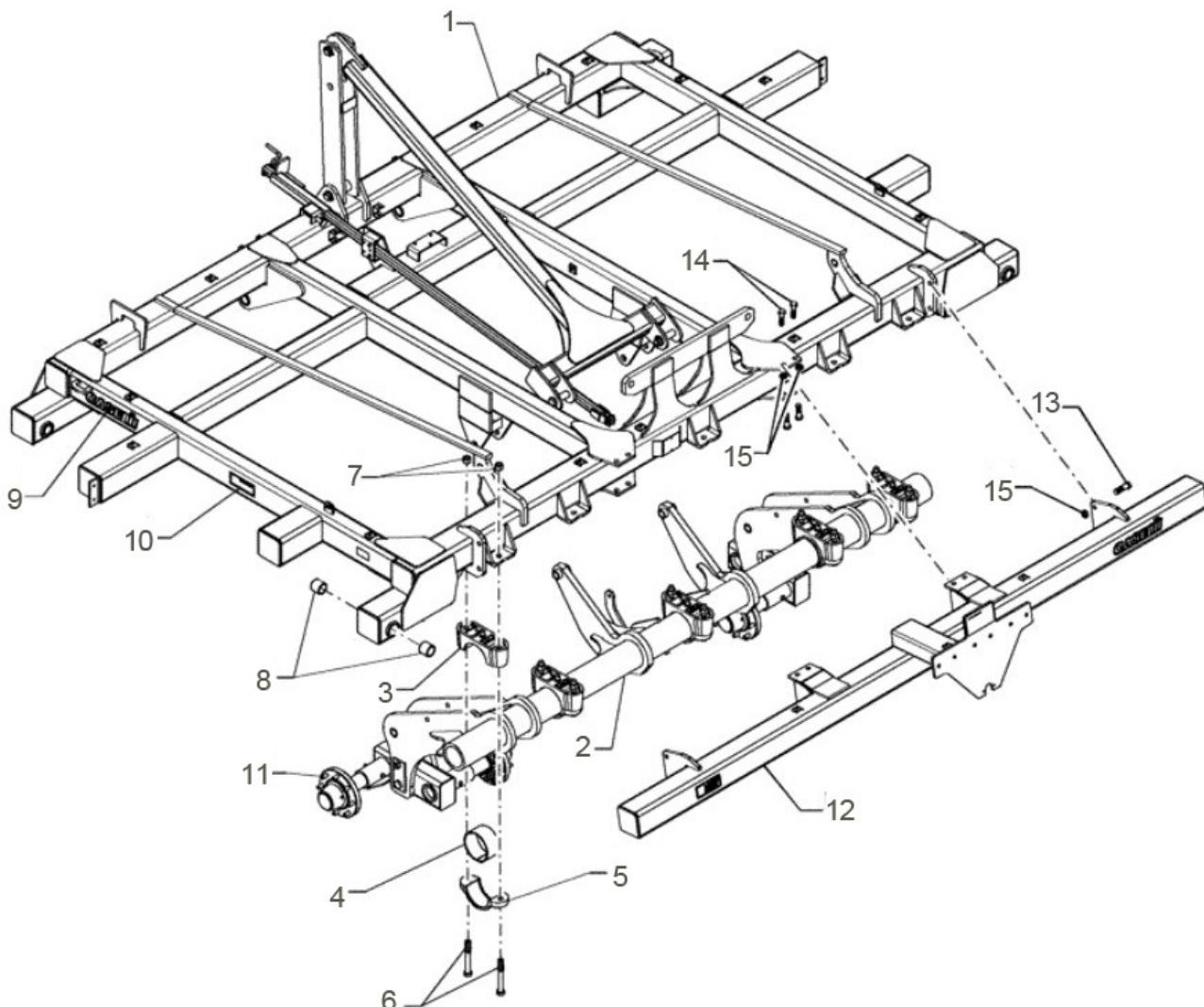
930 Gauge Wheel Assembly



#	!	Part #	Part Name	Description	Qty
1		280375	NUT,3/4"-10, GC		2
2		09576610	LINKAGE	Flat	1
3		04661320	GAUGE	Wheel Mount	1
4		280223	BOLT,Hex. 3/4"-10 x 6 1/2", G5		2
5		270184	LINCH PIN,6.35mm OD		1
6		14816348	PIN 25.4mm OD x 133.35mm L		1
7		614410R91	SEAL		1
8		618023R91	BEARING ASSY,34.93mm ID x 18.2mm W		1
9	!	618024R1	BEARING CUP,65.113mm OD x 13.97mm W		1
10	!	651818R91	ROLLER BEARING,31.77 mm ID x 16.08 mm		1
11		17915000	WASHER		1
12		88350	COTTER PIN 5/32" x 1-1/2"		1
13	!	87019498	FITTING		1
14	!	651817R91	BEARING, CUP		1
15		84151573	NUT		1
16		28477700	HUB CAP		1
17	!	549962R1	BOLT,1 1/2" - 20 x 1 1/2", Class 3		5
18		10108254	WHEEL		1
19			Procure Locally 9.5L X 15 F1 E		1
20			Included In 22		1
21		84421942	HUB	Includes 9 & 14	1
22		84338991	SPINDLE	Includes 7-17 & 20 - 21	1

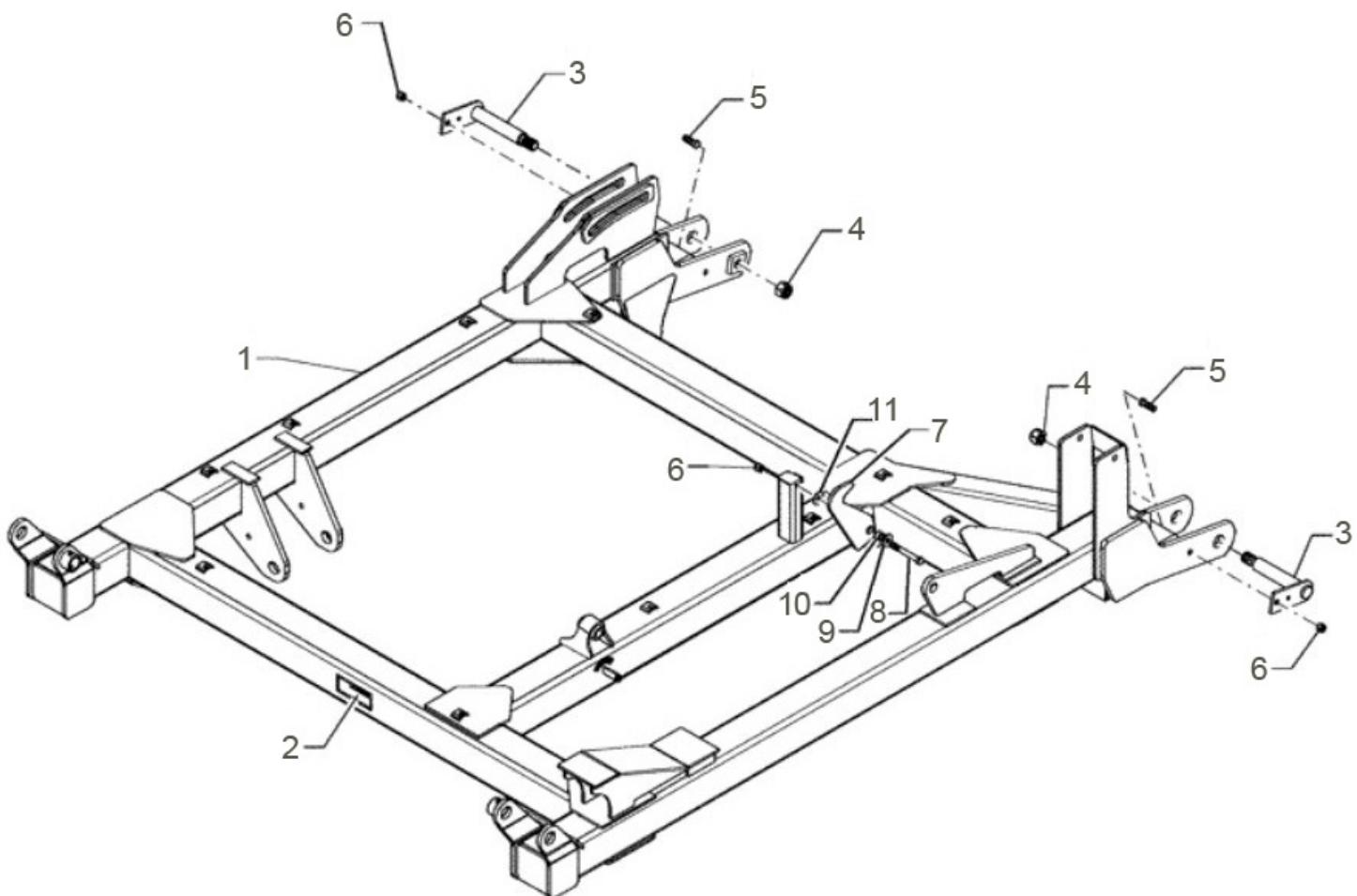


940 Main Frame



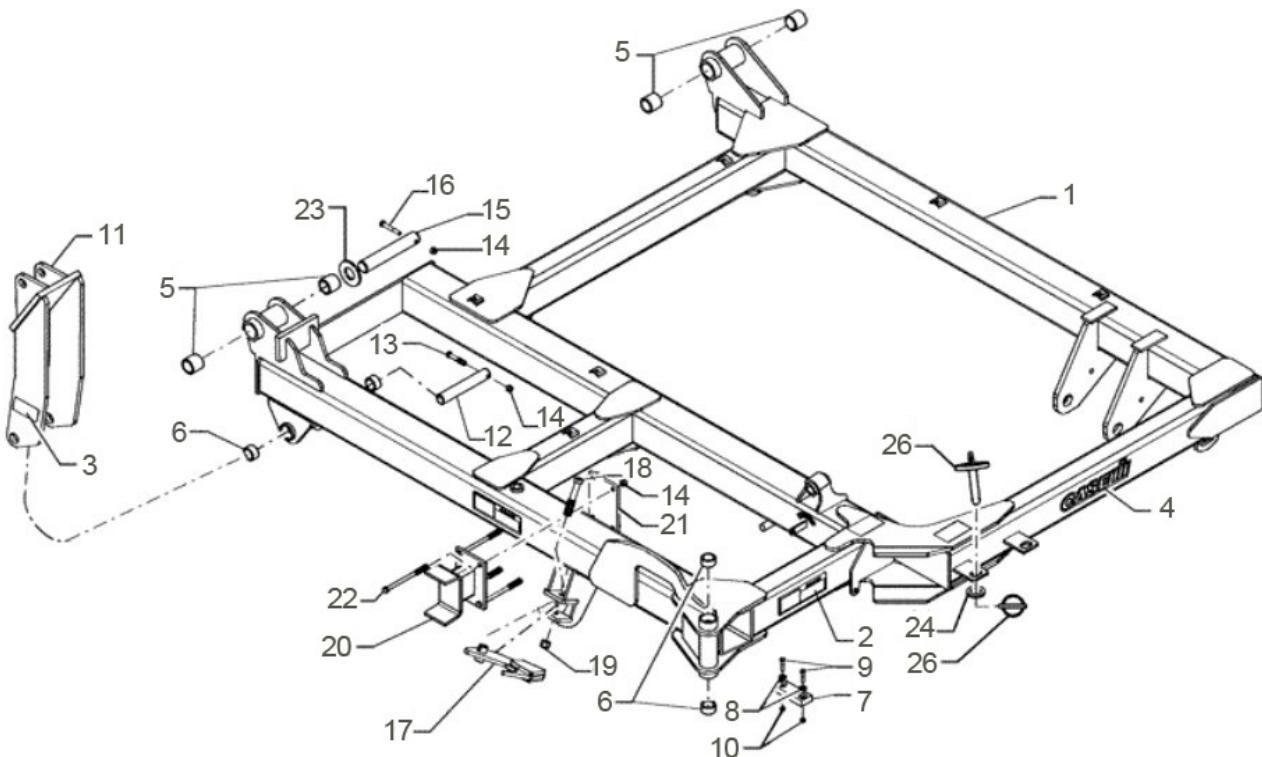
#	!	Part #	Part Name	Description	Qty
1		84410961	FRAME	Main Frame	1
2		84242465	ROCKSHAFT	Rock Shaft w/o Tandems	1
3	●	84141918	CASTING	RockShaft Bearing	5
4		87703164	BUSHING.143mm ID x 155.7mm OD x 76.2mm L	Rockshaft 443mm Long	5
5		87715831	BEARING CAP	Casting	5
6		87490802	BOLT	7/8-9X7.00 GR.5	10
7		87681198	NUT,Hex. 7/8"-9, 0.45 high	7/8-9 HEX P/T DIR GR.C	10
8		84239758	BUSHING	2.25 x 1.75 x 2	8
9		87653276	DECAL	CIH	2
10		18534227	DANGER DECAL	Crushing Hazard	2
11		28560803	HUB ASSY.	8 Bolt Hub And Spindle Assy.	4
12	●	84262642	U-FRAME	With Decals	1
13	●	280173	BOLT,Hex. 3/4" - 10 x 2 3/4", Gr.5		4
14		87403	BOLT,Hex. 3/4" - 10 x 2 1/4", Gr.5		8
15		280375	NUT 3/4"-10, GC		12

940 Inner Wing



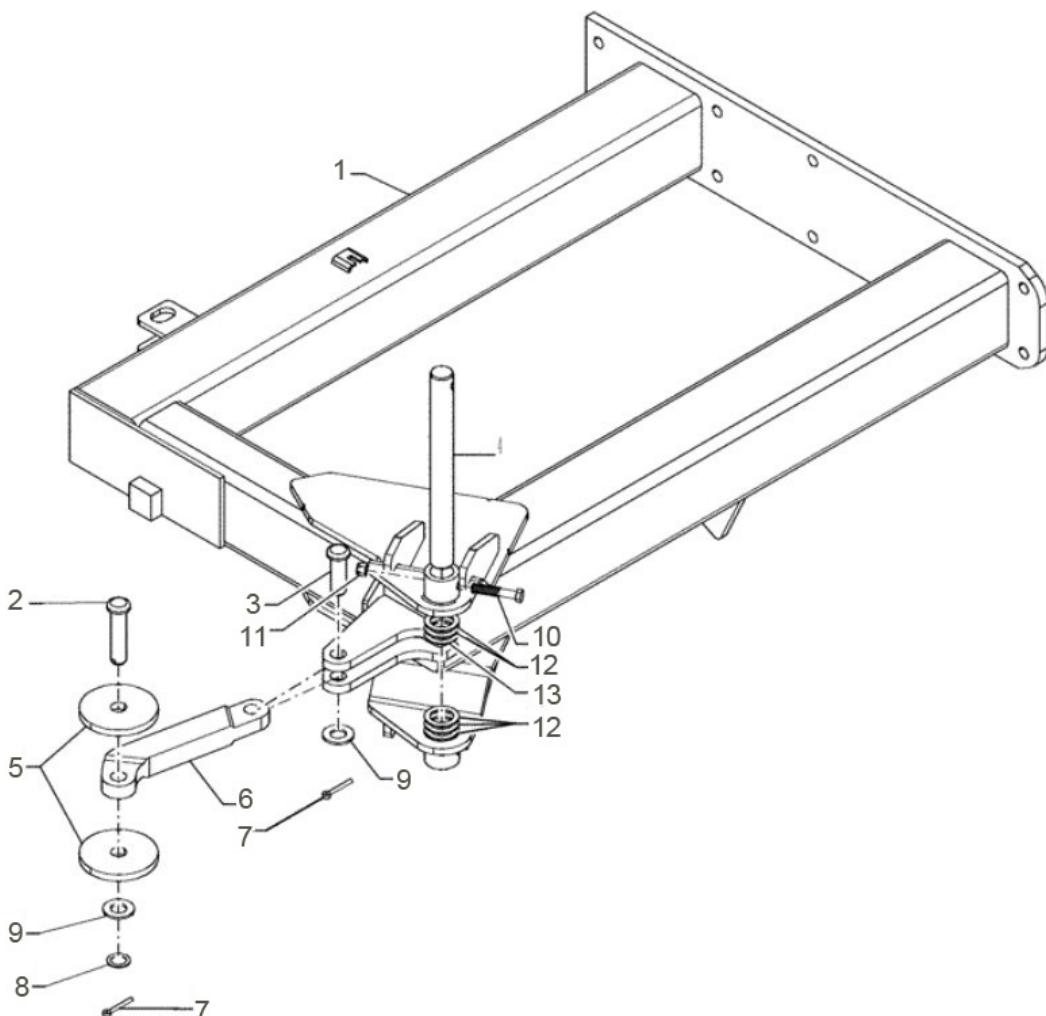
#	!	Part #	Part Name	Description	Qty
1		84263957	<u>U-FRAME</u>	<u>Inner Wing Left Side With Decals</u>	1
1		84263967	<u>U-FRAME</u>	<u>Inner Wing Right Side With Decals</u>	1
2		18534227	<u>DANGER DECAL</u>	<u>Crushing Hazard</u>	1
3		84250941	<u>PIN</u>	<u>Flag 1.75"</u>	2
4		86614103	<u>NUT.1 1/4"-7. GC</u>		2
5		88556	<u>BOLT.Hex. 5/8" - 11 x 2 1/4", Gr 5</u>		2
6		85700693	<u>NUT.5/8" - 11, Gr C</u>		3
7		84126353	<u>PLATE</u>	<u>Outer. Wing Gravity Latch</u>	1
8		88729	<u>BOLT.Hex. 5/8" - 11 x 5" Gr 5</u>		1
9		80299	<u>WASHER.0.69" ID x 1.75" OD x 0.13" Thk</u>		1
10		44006200	<u>BUSHING.16.38mm ID x 28.58mm OD x 15.75mm L</u>		1
11		17618030	<u>BUSHING</u>	<u>1-1/8 Machinery Bushing</u>	2

940 Middle Wing



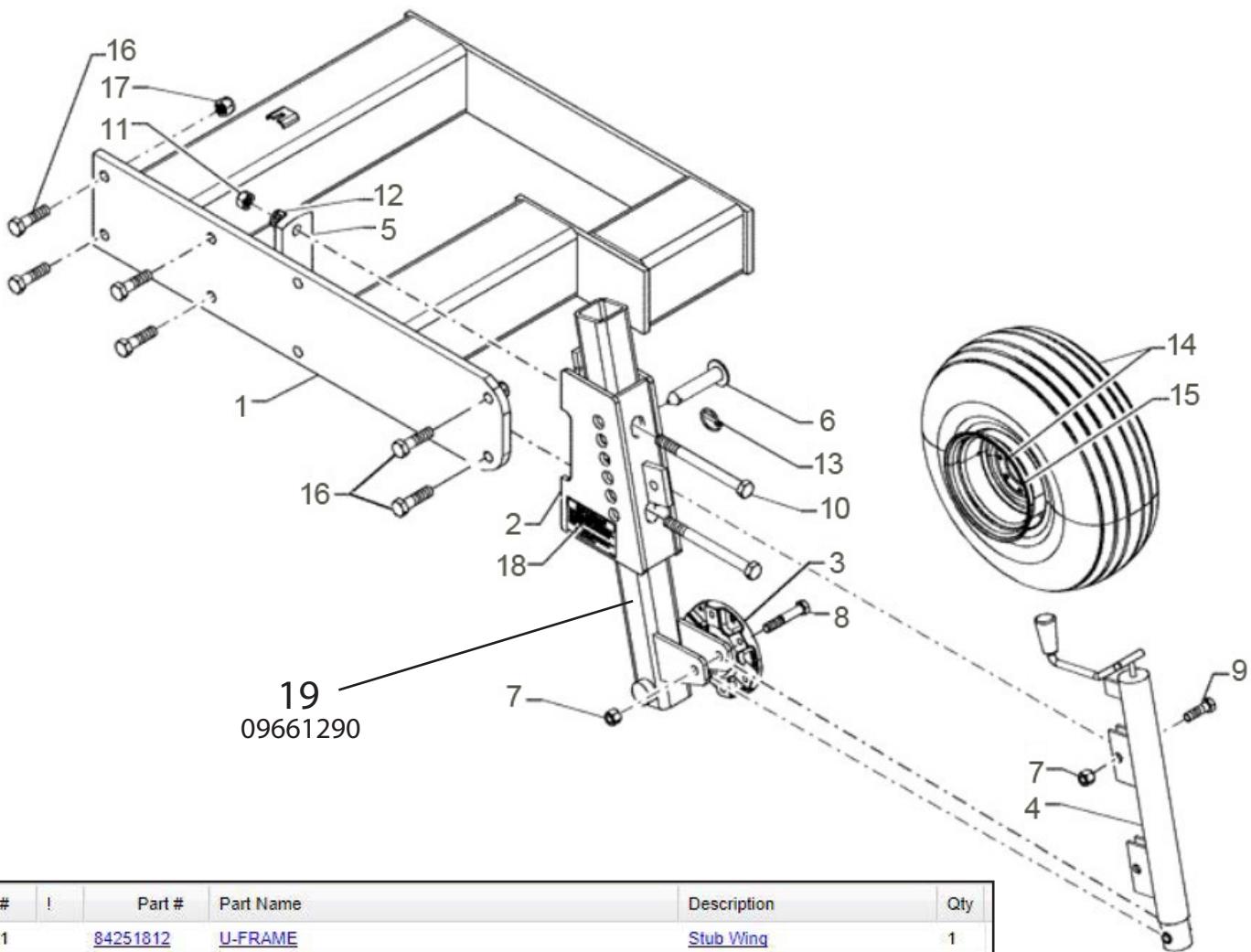
#	!	Part #	Part Name	Description	Qty
1		84263969	U-FRAME	Middle Wing, Left Side With Decals	1
1		84263971	U-FRAME	Middle Wing, Right Side With Decals	1
2		18534333	DANGER DECAL	Pinch Hazard	2
3		406860A1	DECAL	Pinch Hazard	1
4		87653276	DECAL	CIH	1
5		84239758	BUSHING	Composite	4
6		87624379	BEARING LINER.38.27 mm ID x 50.88 mm OD x 25.4 mm	Colter Pivot	2
7		04670230	SPACER	Rubber Pad	1
8		80702	WASHER.0.44" ID x 1" OD x 0.08" Thk		2
9		9706689	BOLT Hex. 3/8" - 16 x 1 3/4", Gr 5		2
10		88902	NUT.3/8"-16		2
11		84294070	CONNECTING LINK	Middle Wing Fold	1
12		87755240	PIN		1
13		87339	BOLT Hex. 1/2" - 13 x 3", Gr 5		1
14	●	88871	NUT.1/2" - 13, Gr C		6
15		84250969	PIN		2
16		88043	BOLT.Hex. 1/2" - 13 x 3 1/4", Gr 5		2
17		84361453	PLATE	Gravity Latch	1
18		9602203	BOLT.Hex. 3/4" x 5", Gr 8		1
19		280375	NUT.3/4"-10, GC		1
20		84247889	U-FRAME	Bolt On Wing Stop	1
21		84247892	PLATE	Wing Stop	1
22		280831	BOLT.Hex. 1/2" - 13 x 8", Gr 5		4
23		84359104	WASHER.1.88" ID x 3.38" OD x 0.19" Thk		2
24		87367	WASHER.1.06" ID x 2" OD x 0.13" Thk		1
25		14816348	PIN.25.4mm OD x 133.35mm L		1
26		270184	LINCH PIN.6.35mm OD		1

940 Outer Wing



#	!	Part #	Part Name	Description	Qty
1		84242110	U-FRAME	LH. Outer Wing	1
1		84254547	U-FRAME	RH. Outer Wing	1
2		86632563	HEADED PIN, 1" OD x 4-1/4" L, Gr 2	1" x 4.25"	1
3		87023161	HEADED PIN, 1" x 3"		1
4		84250895	PIN		1
5		84253278	PLATE		2
6		84255845	PLATE		1
7		88182	COTTER PIN, 1/4" OD x 2" L		2
8		17616021	BUSHING, 25.8mm ID x 38.1mm OD x 2.08mm L		1
9		87367	WASHER, 1.06" ID x 2" OD x 0.13" Thk		2
10		280234	BOLT, Hex, 1/2" - 13 x 3", Gr 5, Full Thd		1
11	!	88871	NUT, 1/2" - 13, Gr C		1
12		86632584	WASHER, 1.53" ID x 2.25" OD x 0.12" Thk		1
13		86632585	WASHER, 1.53" ID x 2.25" OD x 0.06" Thk		1

940 Stub Wing - 65'

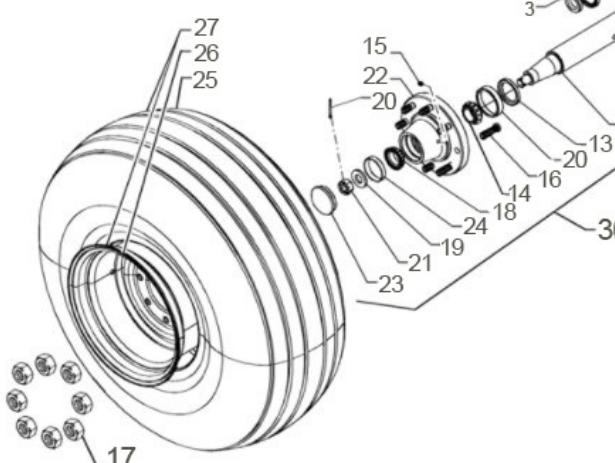
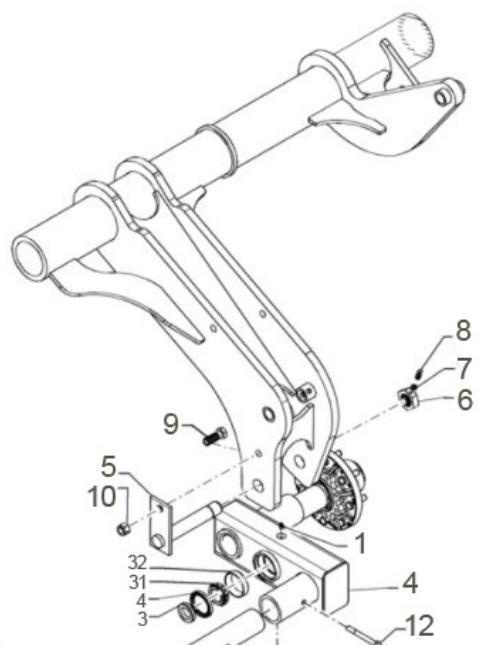


#	I	Part #	Part Name	Description	Qty
1		84251812	<u>U-FRAME</u>	<u>Stub Wing</u>	1
2		84410940	<u>FRAME</u>	<u>Gauge Wheel</u>	1
3	!	28071001	<u>HUB ASSY.</u>	<u>710 - 6 Bolt</u>	1
4		32253000	<u>JACK ASSY.</u>	<u>5000LB</u>	1
5		09576610	<u>LINKAGE</u>	<u>Flat</u>	1
6		14816348	<u>PIN .25.4mm OD x 133.35mm L</u>	<u>1 x 4.25" Weldment</u>	1
7		6395	<u>LOCK NUT,5/8"-11, GB</u>		2
8		280119	<u>BOLT,Hex. 5/8" - 11 x 3 1/2", Gr 5</u>		1
9		86505999	<u>BOLT,Hex. 5/8" - 11 x 2", Gr 5</u>		1
10		86502676	<u>BOLT,Hex. 3/4" - 10 x 8 1/2", Gr 5</u>		2
11		280954	<u>NUT,3/4"-10, G5</u>		2
12		87340	<u>LOCK WASHER,Helical Spring, 0.759" ID, CST, ZND</u>		2
13		270184	<u>LINCH PIN,6.35mm OD</u>	<u>Klik</u>	1
14		NSS	<u>NOT SOLD SEPARAT</u>	<u>20 5-8 x 10 Tire And Wheel</u>	1
15		10106202	<u>WHEEL ASSY.</u>	<u>10 x 6 Silver Wheel</u>	1
16	!	280173	<u>BOLT,Hex. 3/4" - 10 x 2 3/4", Gr 5</u>		6
17		280375	<u>NUT,3/4"-10, GC</u>		6
18		84252093	<u>DECAL</u>	<u>Info. Jack, Pull Pin</u>	2

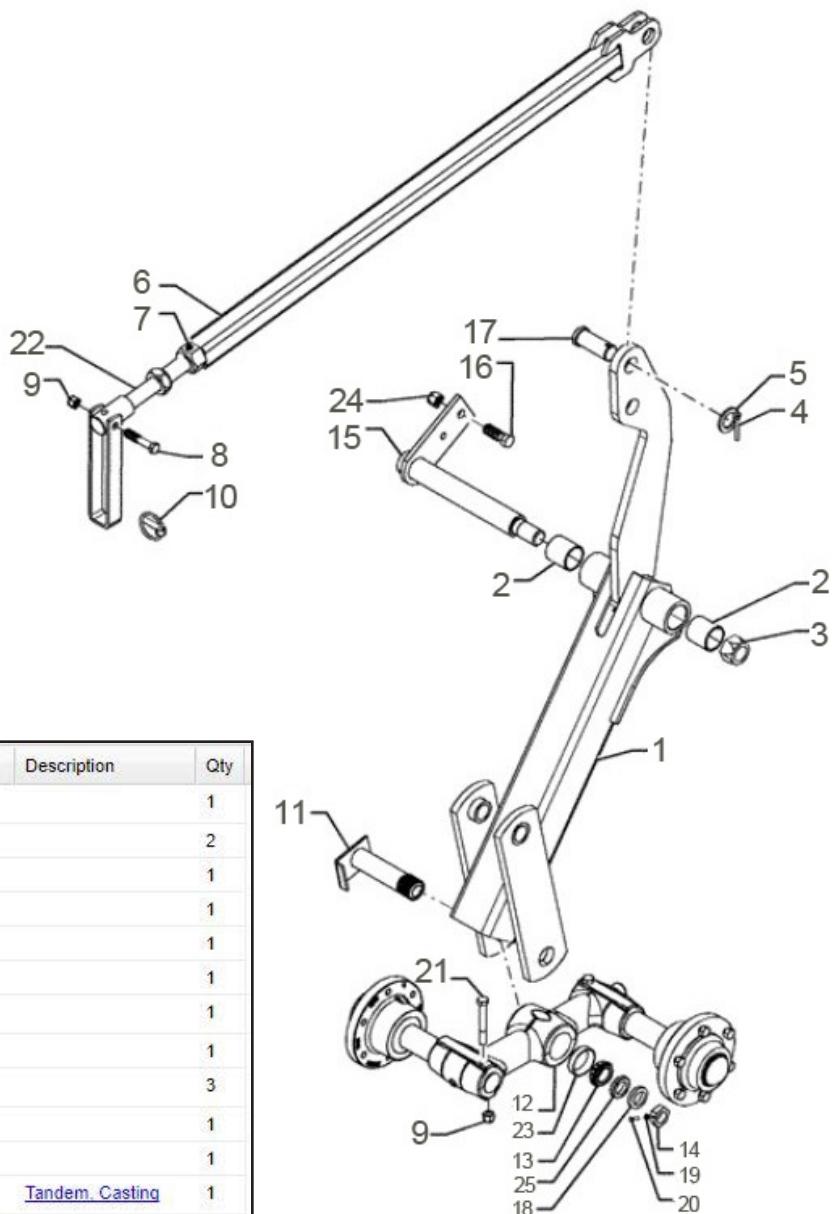
940 Main Frame Tandem Assembly



#	!	Part #	Part Name	Description	Qty
1		84242398	<u>AXLE SUPPORT</u>	Right Side	1
1		84242396	<u>AXLE SUPPORT</u>	Left Side	1
2	!	87019498	<u>FITTING</u>	<u>1/8 Grease</u>	6
3	!	06400573	<u>SPACER</u>	<u>Steel Seal</u>	4
4	!	21932510	<u>SEAL</u>		4
5		84242401	<u>PIN</u>	<u>223mm Long</u>	2
6		14032409	<u>NUT</u>	<u>Drilled Jam</u>	2
7		87016560	<u>JAM NUT Jam. 3/8"-16. G5</u>		2
8		16806045	<u>SET SCREW,Sq Hd. 3/8" - 16 UNC x 1"</u>	<u>3/8-16 UNC x 1" Square Head Set</u>	2
9		87403	<u>BOLT Hex. 3/4" - 10 x 2 1/4", Gr 5</u>		2
10		280375	<u>NUT 3/4"-10. GC</u>		2
11		28860803	<u>SPINDLE</u>	<u>493.26mm Long 69.85mm OD</u>	4
12		87996	<u>BOLT Hex. 1/2" - 13 x 4 1/2", Gr 5</u>		4
13		21932750	<u>SEAL</u>	<u>Grease</u>	4
14		3216619R91	<u>TAPERED BEARING 55mm ID x 26mm W</u>	<u>Cone</u>	4
15	!	87645504	<u>FITTING</u>		4
16	!	557309R1	<u>BOLT</u>	<u>5/8 Wheel Stud</u>	32
17		554480R1	<u>WHEEL NUT</u>	<u>5/8 Wheel</u>	32
18	!	663557R91	<u>BEARING ASSY,1.625" ID x 2.892" OD x 0.77"</u>	<u>73.45mm OD 41.28mm ID</u>	4
19		17916100	<u>WASHER</u>	<u>1" DIA Flat</u>	4
20	!	663558R1	<u>BEARING CUP</u>		4
21		86020752	<u>SLOTTED NUT</u>		4
22		28760800	<u>HUB ASSY</u>	<u>With Cups</u>	4
23	!	560950R1	<u>HUB CAP</u>	<u>79.38mm OD</u>	4
24		625743C1	<u>BEARING CUP 90mm OD x 18.5mm W</u>		4
25		NSS	<u>NOT SOLD SEPARAT</u>	<u>16.5 x 16.1 14 PLY Tubeless Tire</u>	4
26		10114269	<u>LAND WHEEL</u>	<u>W14C x 16.1 HD Silver, 8 Bolt</u>	4
27		NSS	<u>NOT SOLD SEPARAT</u>	<u>Tire Wheel Assy</u>	4
28		87400	<u>COTTER PIN 3/16" x 2"</u>		1
29	!	88871	<u>NUT 1/2" - 13, Gr C</u>		4
30		28560803	<u>HUB ASSY</u>		4
31		84235556	<u>ROLLER BEARING</u>		2
32	!	84229860	<u>BEARING CUP</u>		2



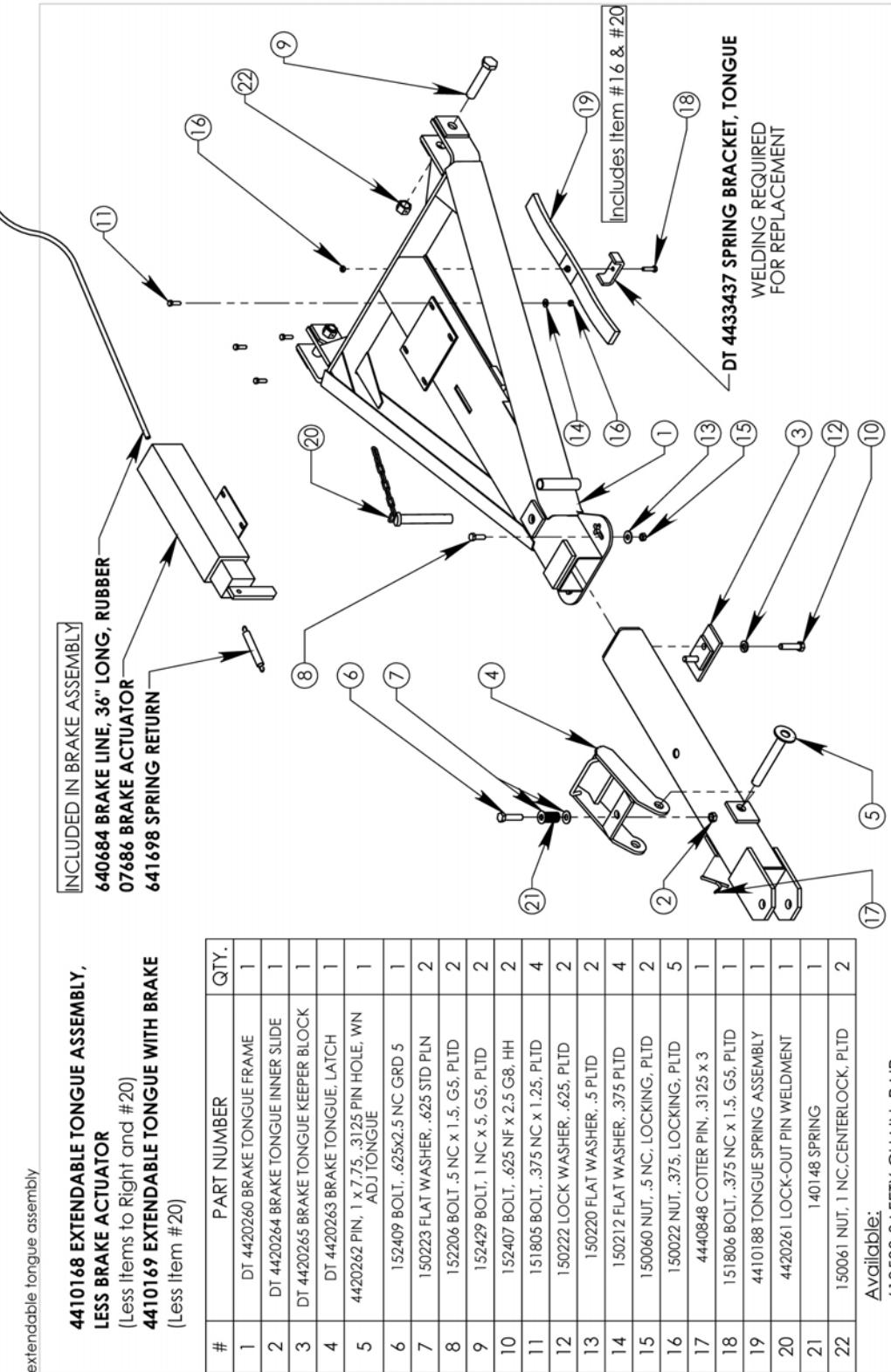
940 Wing Tandem Assembly



#	!	Part #	Part Name	Description	Qty
1	!	47995145	U-FRAME	Must also order item 2	1
2		87566586	BUSHING		2
3		86614103	NUT, 1 1/4"-7, GC		1
4		88182	COTTER PIN, 1/4" OD x 2" L		1
5		87613302	WASHER, 1.31" ID x 1.98" OD x 0.18" Thk		1
6		84241496	LINK		1
7	!	87645504	FITTING		1
8		87974	BOLT, Hex, 1/2" - 13 x 2 3/4", Gr 5		1
9	!	88871	NUT, 1/2" - 13, Gr C		3
10		D33805	PIN		1
11		04661850	PIN		1
12	!	87348188	AXLE	Tandem Casting	1
13	!	160558C91	BEARING ASSY, 1.5005" ID x 2.5635" OD x 0.72"		2
14		14032409	NUT		1
15		84252600	PIN		1
16		86505999	BOLT, Hex, 5/8" - 11 x 2", Gr 5		1
17		84156992	PIN		1
18	!	06201425	SPACER		1
19		87016560	JAM NUT, Jam, 3/8"-16, G5		1
20		16806045	SET SCREW, Sq Hd, 3/8" - 16 UNC x 1"		1
21		86505992	BOLT, Hex, 1/2" - 13 x 3 3/4", Gr 5		2
22		84275023	ADJUSTMENT SCREW		1
23	!	478793R1	BEARING CUP		1
24		85700693	NUT, 5/8" - 11, Gr C		1
25	!	21932090	SEAL		2

Dalton Ag Running Gear Tongue Assembly

4410168, EXTENDABLE TONGUE ASSEMBLY

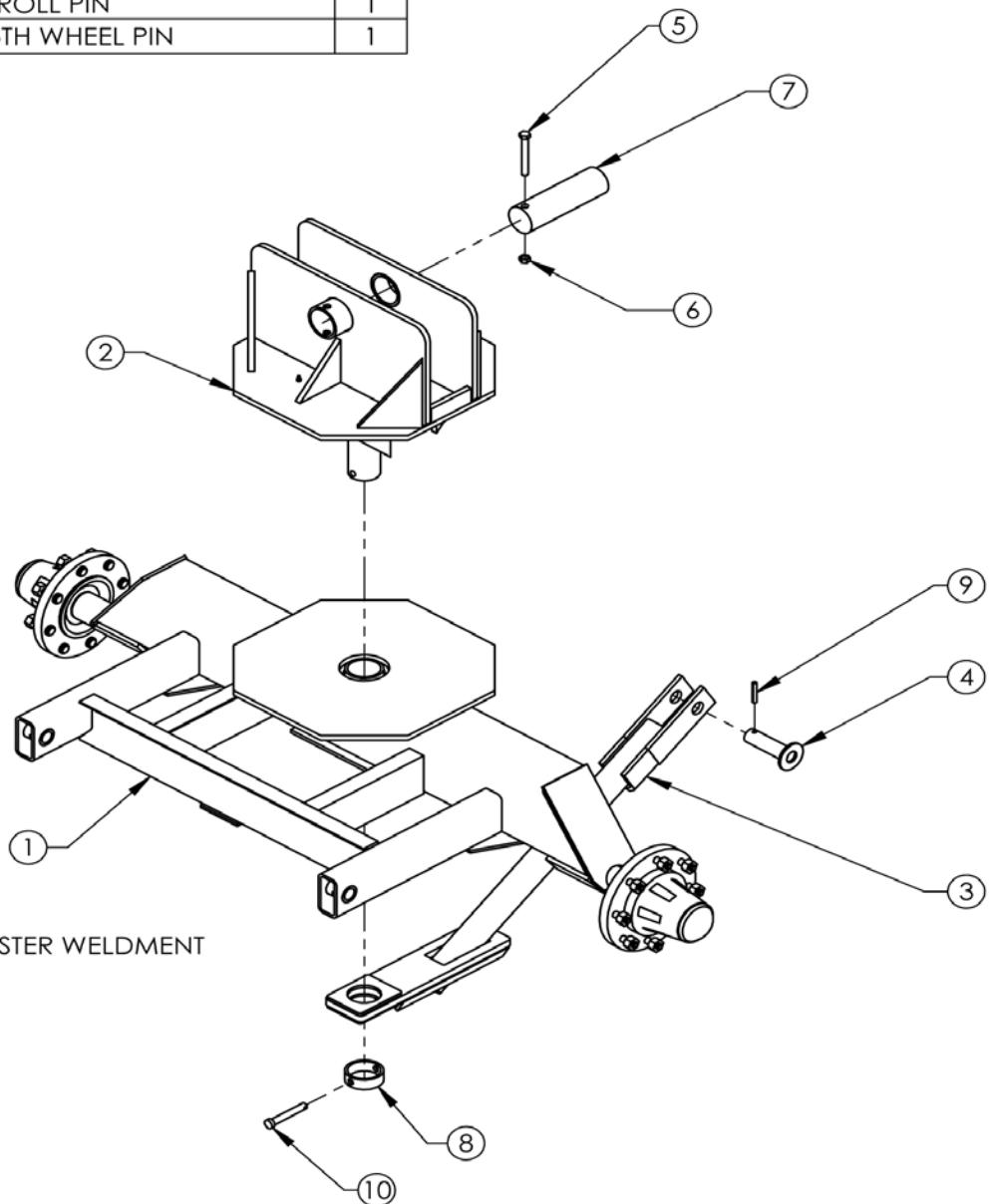


extendable tongue assembly

Dalton Ag Running Gear 5th Wheel Assembly

5TH WHEEL ASSEMBLY

#	PART NUMBER	QTY.
1	4410170 FRONT BOLSTER ASSEMBLY w 8 BOLT HUBS	1
2	4420267 5TH WHEEL WELDMENT W KING PIN	1
3	4420268-1.125 BOLSTER BRACE, WELDMENT	1
4	4420269 PIN WELD, BOLSTER BRACE	1
5	152220 BOLT .5 NC x 4, G8	1
6	150008 NUT, .5 NC, PLTD	1
7	4431077 ROCKER PIN, 2.5 INCH ROUND	1
8	4431071 LOCK COLLAR, BOLSTER BRACE	1
9	640038 ROLL PIN	1
10	4440864 5TH WHEEL PIN	1



Dalton Ag Running Gear Hub & Spindle Chart

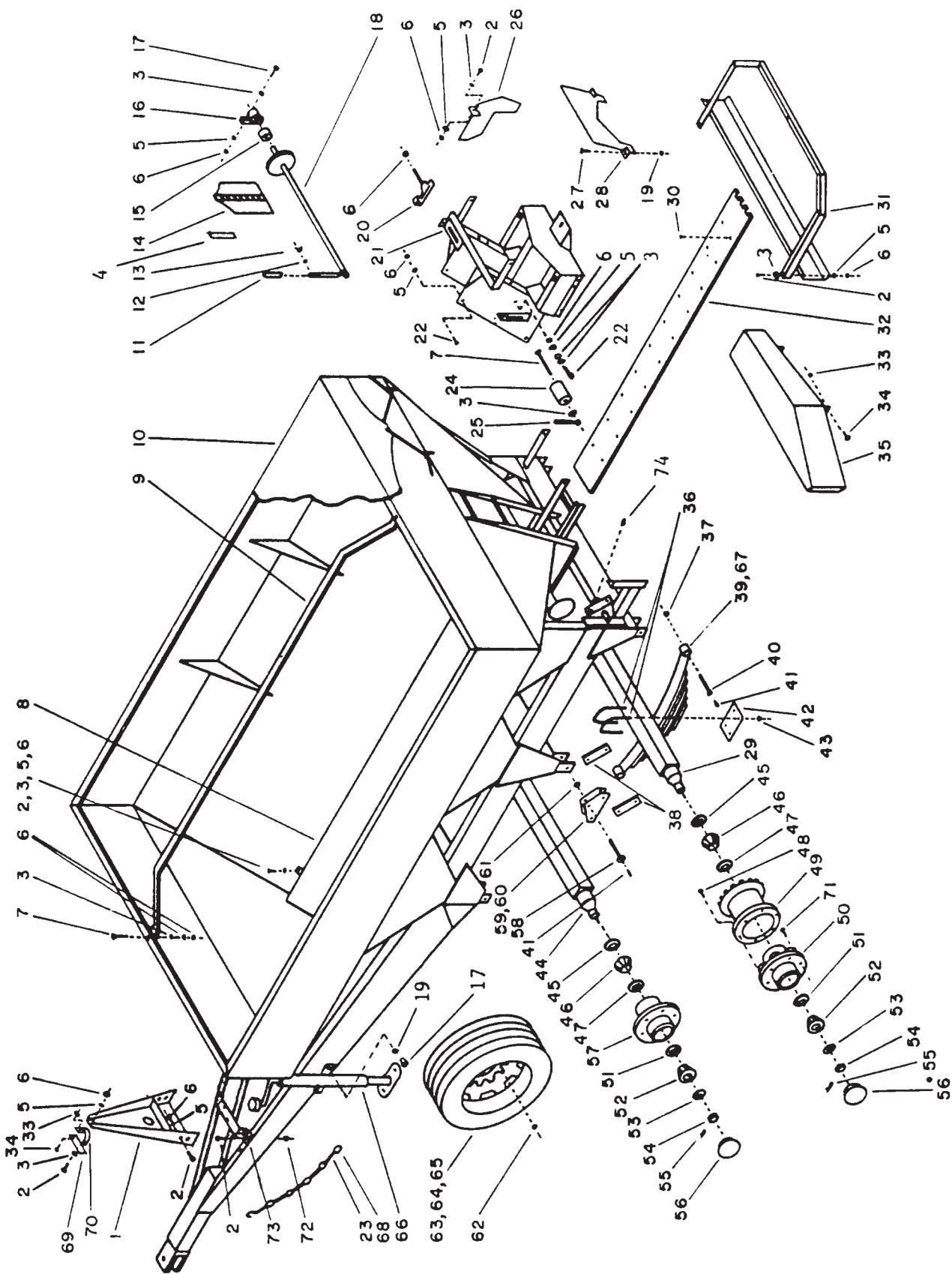
wndt & rp, spindle and hub sheet

FRONT			WNDT MODELS			REAR		
SPINDLE	HUB	HUB ASSEMBLY	SPINDLE	HUB	HUB ASSEMBLY	SPINDLE	HUB	HUB ASSEMBLY
641793-2.5"x14"	813	4410089	1000-SA	S5199-K-00-3"x18.25"	758	2001113		
641793-2.5"x14"	813	4410089	1000	1002188-3"x18.25"	819	1002194		
641793-2.5"x14"	813	4410089	1500	1002188-3"x18.25"	819	1002194		
641793-2.5"x14"	813	4410089	2000	1002188-3"x18.25"	819	1002194		
S5199-K-00-3"x18.25"	758	2001113	GN-SA-BOLT ON	S5199-K-00-3"x18.25"	758	2001113		
1002188-2.5"x15"	819	1002194	1000GN-SA	S5199-K-00-3"x18.25"	758	2001113		
1002188-2.5"x15"	819	1002194	2000GN-SA	S5199-K-00-3"x18.25"	758	2001113		
1002188-2.5"x15"	819	1002194	1000GN	1002188-3"x18.25"	819	1002194		
1002188-2.5"x15"	819	1002194	1500GN	1002188-3"x18.25"	819	1002194		
S5199-K-00-3"x16"	758	2001113	1850GN	S5199-K-00-3"x18.25"	758	2001113		
1002188-2.5"x15"	819	1002194	2000GN	1002188-3"x18.25"	819	1002194		
1002188-2.5"x15"	819	1002194	3000GN	S5199-K-00-3"x18.25"	758	2001113		
FRONT			REACH POLE MODELS			REAR		
SPINDLE	HUB	HUB ASSEMBLY	SPINDLE	HUB	HUB ASSEMBLY	SPINDLE	HUB	HUB ASSEMBLY
4440633	Q888	4410086	1300/1360	4440633	Q888	4410086		
140350-2.5"-13"	130752	4410087	1600/1660	140350-2.5"-13"	130752	4410087		
641793-14"	813	4410089	1800/1860	641793-14"	813	4410089		

** BRAKE FLANGES **

- 635989-2.5 BRAKE FLANGE FOR 2.5" SPINDLE
- 635989-2.75 BRAKE FLANGE FOR 2.75" SPINDLE
- 635989-3 BRAKE FLANGE FOR 3" SPINDLE

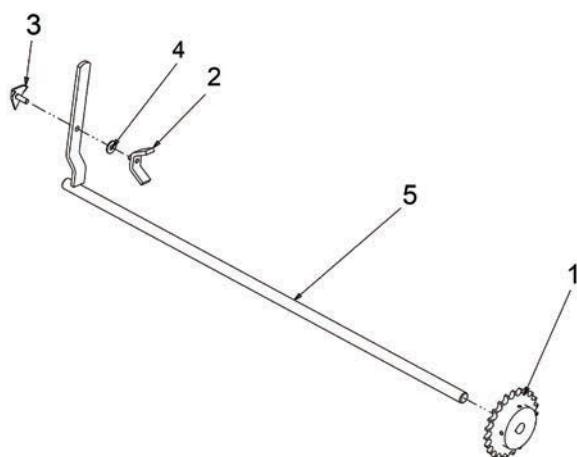
S-500 Hopper Parts



S-500 Hopper Parts



Ref. #	Part #	Qty.#	Description
1	WR15152	1	PTO Support
2	NAP	14	Hex Hd. Cap Screw, $\frac{3}{8}$ " -16 UNC x 1" Lg. (Grade 5)
3	NAP	17	Flat Washer, $\frac{3}{8}$ " I.D.
4	WR20957	1	20° Gate Scale
5	WR10420	20	Lock Washer, $\frac{3}{8}$ " I.D.
6	42573PF	25	Hex Nut, $\frac{3}{8}$ " - 16 UNC
7	WR10233	3	Carriage Bolt, $\frac{3}{8}$ " - 16 UNC x 4 $\frac{1}{2}$ " Lg. (Grade 5)
8	WR14251	1	Conveyor Hood
	WR19232	1	Conveyor Hood - SS (not shown, used on 409 SS hopper - option 00201)
9	WR14857	1	Tarp Bow
10	WR17471	1	Tarp w/S hook Cord
11	WR17332	1	Vinyl Grip
12	NAP	1	Flat Washer, $\frac{5}{16}$ " I.D. (included w/ item 18)
13	WR21701	1	Wing Nut (included w/ item 18)
14	WR21193	1	Rear Gate
15	WR10448	1	Set Collar, $\frac{3}{4}$ " I.D.
16	WR10654	1	Journal Bearing, $\frac{3}{4}$ " Bore
17	NAP	3	Hex Hd. Cap Screw, $\frac{3}{8}$ " -16 UNC x 1 $\frac{1}{4}$ " Lg. (Grade 5)
18	507366D1	1	Metering Shaft SEE DRAWING BELOW
19	NAP	3	Serrated Flange Nut, $\frac{3}{8}$ " - 16 UNC
20	WR15238	1	Belt Guide
21	WR16080	1	Rear End
22	NAP	6	Hex Hd. Cap Screw, $\frac{3}{8}$ " - 16 UNC x $\frac{3}{4}$ " Lg. (Grade 5)
23	WR29235	2	Safety Chain, $\frac{5}{16}$ " x 3' Lg. w/ Grab Hook
24	WR16548	1	Bushing - Hardwood
25	WR22743	1	Box Rod Nut, $\frac{3}{8}$ " - 16 UNC (see note)
26	WR16133	1	Divider
27	WR17813	3	Carriage Bolt, $\frac{3}{8}$ " - 16 UNC x 1" Lg. SS
28	WR16068	1	Rear Deflector
29	WR20064	1	Axle
30	NAP	20	Pop Rivet $\frac{3}{16}$ " x $\frac{3}{8}$ " to $\frac{1}{2}$ " Lg. SS
31	WR19233	1	Splash Shield and Bumper
32	WR14798	1	Ryertex Floor Plate
33	NAP	3	Center Lock Nut, $\frac{5}{16}$ " - 18 UNC
34	NAP	3	Hex Hd. Cap Screw, $\frac{5}{16}$ " - 18 UNC x 1" Lg. (Grade 5)
35	WR15232	1	Rear Belt Shield
36	WR15058	8	U-Belt
37	WR11530	12	Center Lock Nut, $\frac{5}{16}$ " - 18 UNC
38	WR15504	8	Shackle Arm
39	WR37837	4	Spring Assembly w/ Bushings
	WR20611	4	Main Leaf Spring (included w/ item 39)



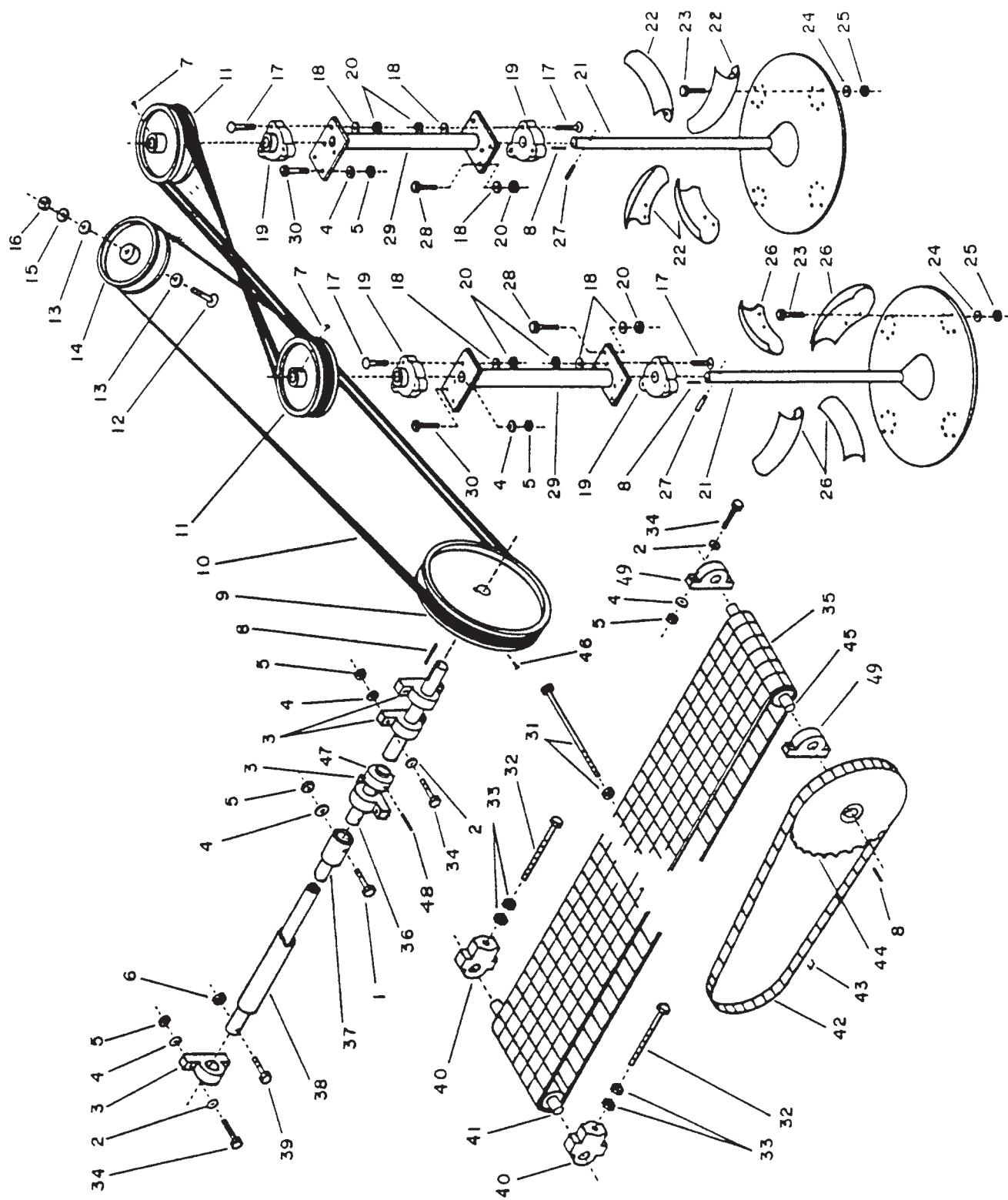
Ref. #	Part #	Qty.#	Description
40	WR12785712	1	Spring Bolt
41	WR35317	14	Straight Grease Zerk, $\frac{1}{4}$ " - 28 UNF
42	WR15059	4	Clip Plate
43	42788PF	16	Self Locking Nut, $\frac{5}{8}$ " UNF
44	WR15065	1	Axle
45	WR15487	4	Grease Seal
46	WR15488	4	Inner Bearing Cone
47	WR15494	4	Inner Bearing Cup (Included w/ items 50 and 57)
48	WR10268	6	Socket Hd. Set Screw, $\frac{1}{2}$ " - 20 UNF x 1" Lg. (Grade 5)
49	WR14875	1	Ground Drive Hub and Sprocket
50	WR19123	1	Hub - Brake w/ Bearing Cups
51	WR15493	4	Outer Bearing Cup (Included w/ items 50 and 57)
52	WR15490	4	Outer Bearing Cone
53	WR10413	4	Flat Washer, $\frac{7}{8}$ " I.D. (extra heavy)
54	WR11550	4	Castle Nut, $\frac{7}{8}$ " - 14 UNF
55	NAP	4	Cotter Pin, $\frac{1}{8}$ " Dia. x 1 $\frac{1}{2}$ " Lg.
56	WR15491	4	Hub Cap
57	WR19122	3	Hub - Plain w/ Bearing Cups
58	WR15129	2	Equalizer Bolt
59	WR15500	2	Equalizer Arm w/ Bushings
60	WR15503	6	Bushing (included w/ item 59)
61	364027X1	2	Center Lock Nut, $\frac{3}{4}$ " - 16 UNC
62	WR19125	24	Wheel Nut, $\frac{1}{2}$ " - 20 UNF w/ 90° Bevel (Included w/ items 50 and 57)
63	WR10732	4	Tire, 11L x 15 - 8 Ply Tubeless
	WR10734	4	Tire, 12.5L x 15 - 8 Ply Tubeless (optional)
64	WR10827	4	Wheel, 10 x 15 - 6 Holes on 6" Dia. B.C.
65	NAP	4	Valve Stem w/ Cap - Rubber
66	WR22432	1	Jack Assembly (see replacement parts)
67	WR15507	8	Bushing (included w/ item 39)
68	WR10515	2	Quick Link, $\frac{3}{8}$ "
69	WR10493	1	Latch
	WR10491	1	PTO Clamp Assembly (includes items 69, 70 and one each of items 33 and 34)
70	WR10492	1	PTO Clamp
71	WR19124	24	Wheel Stud, $\frac{1}{2}$ " - 20 UNF x 1 $\frac{5}{8}$ " Lg. (Included w/ items 50 and 57)
72	NAP	2	Center Lock Nut, $\frac{3}{8}$ " - 16 UNC
73	WR20534	1	PTO Bearing Mount
74	70915276	1	90° Grease Zerk, $\frac{1}{8}$ " - 27 NPT WR20427 - (Not shown, included w/ item 49)

NOTE: When equipped with optional rope control or single spinner option item 25 part # is 22743.

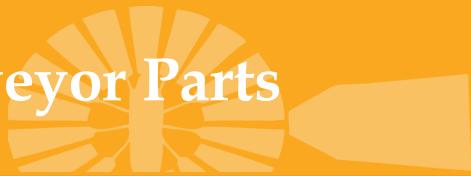
Metering Shaft Assembly

Ref. #	Part #	Qty.#	Description
1	WR10688	1	Sprocket
2	WR21701	1	Wing Nut
3	WR24980	1	Clip
4	700709602	1	Washer
5	507366D1	1	Metering Shaft

S-500 Spinner Drive & Conveyor Parts

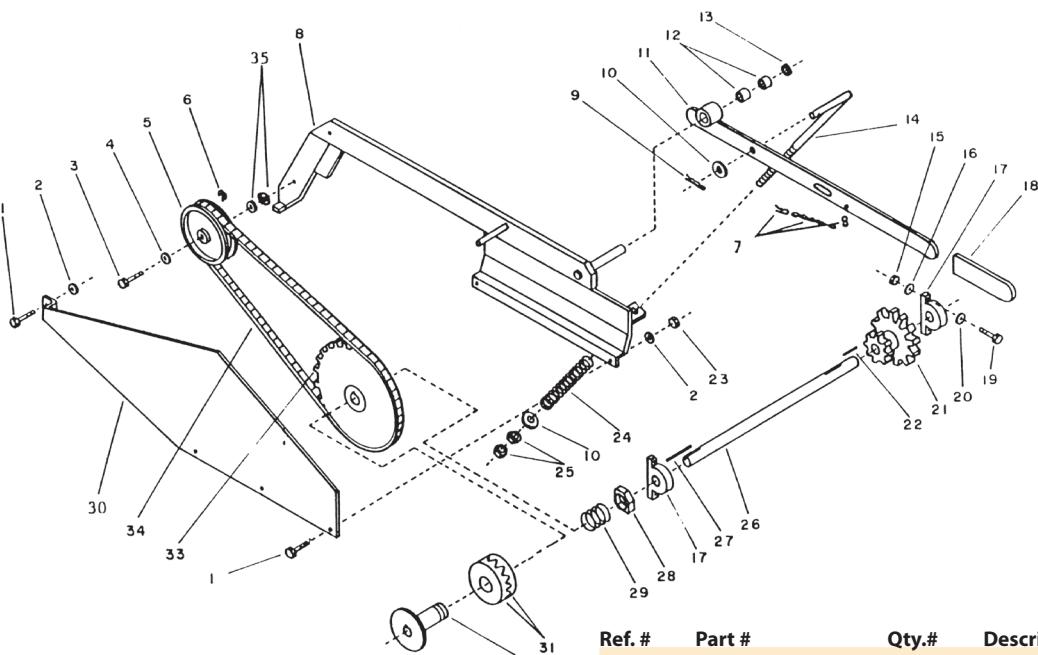


S-500 Spinner Drive & Conveyor Parts



Ref. #	Part #	Qty.#	Description
1	NAP	1	Hex Hd. Cap Screw, $\frac{3}{8}$ " - 16 UNC x $1\frac{3}{4}$ " Lg. (Grade 5)
2	NAP	2	Flat Washer, $\frac{3}{8}$ " I.D.
3	WR10636	4	Pillow Block Bearing, 1" Bore
4	WR10420	15	Lock Washer, $\frac{3}{8}$ " I.D.
5	42573PF	15	Hex Nut, $\frac{3}{8}$ " - 16 UNC
6	NAP	1	Center Lock Nut, $\frac{3}{8}$ " - 16 UNC
7	WR10240	4	Sq. Hd. Set Screw, $\frac{5}{16}$ " - 18 UNC x $\frac{3}{4}$ " Lg.
8	NAP	4	Key, $\frac{1}{4}$ " x $\frac{1}{4}$ " Keystock x $1\frac{1}{4}$ " Lg.
9	WR10454	1	Sheave, 8" Dia., Single Groove, "B" Section, 1" Bore, $\frac{1}{4}$ " x $\frac{1}{8}$ " Keyway
10	WR10487	1	V-Belt (BB-112) For 40' Spread Pattern
10	*WR38791	1	V-Belt (50' Pattern)
11	WR136375	2	Sheave, 6" Dia., Deep Groove, "B" Section, 1" Bore, $\frac{1}{4}$ " x $\frac{1}{8}$ " Keyway
11	*WR136376	1	Sheave (50' Pattern)
12	NAP	1	Carriage Bolt, $\frac{3}{8}$ " - 11 UNC x $2\frac{1}{2}$ " Lg.
13	NAP	2	Flat Washer, $\frac{3}{8}$ " I.D.
14	WR10464	1	V-idler Sheave, 6 $\frac{1}{2}$ " Dia., $\frac{3}{8}$ " Bore
15	WR10423	1	Lock Washer, $\frac{3}{8}$ " I.D.
16	WR11532	1	Hex Nut, $\frac{3}{8}$ " - 11 UNC SS
17	NAP	12	Carriage Bolt, $\frac{5}{16}$ " - 18 UNC x $1\frac{1}{2}$ " Lg.
18	NAP	16	Lock Washer, $\frac{5}{16}$ " I.D.
19	WR10645	4	3 Hole Flange Bearing, 1" Bore
20	NAP	16	Hex Nut, $\frac{3}{8}$ " - 18 UNC
21	WR16584	2	Distributor Fan
	WR15226	1	Distributor Blade Kit (includes items 22 thru 26)
22	WR16583	4	Distributor Blade - Right
23	NAP	16	Hex Hd. Cap Screw, $\frac{1}{4}$ " - 20 UNC x $\frac{3}{4}$ " Lg. (Grade 5)
24	NAP	16	Lock Washer, $\frac{1}{4}$ " I.D.
25	NAP	16	Hex Nut, $\frac{1}{4}$ " - 20 UNC
26	WR16595	4	Distributor Blade - Left
27	NAP	2	Roll Pin, $\frac{1}{8}$ " Dia. x $1\frac{1}{4}$ " Lg.
28	NAP	4	Hex Hd. Cap Screw, $\frac{5}{16}$ " - 18 UNC x 1" Lg. (Grade 5)
29	WR15222	2	Distributor Mount
30	NAP	2	Hex Hd. Cap Screw, $\frac{3}{8}$ " - 16 UNC x 1" Lg. (Grade 5)
31	WR10513	1	Splice Pin & Nut
32	WR10270	2	Hex Hd. Cap Screw, $\frac{1}{2}$ " - 13 UNC x 5" Lg. SS
33	32923PF	4	Hex Nut, $\frac{1}{2}$ " - 13 UNC
34	NAP	12	Hex Hd. Cap Screw, $\frac{3}{8}$ " - 16 UNC x $1\frac{1}{2}$ " Lg. (Grade 5)
35	WR10506	1	Conveyor Chain, 192" Lg.
36	WR21539	1	Rear Line Shaft
37	WR14805	1	Front Line Shaft
38	WR14800	1	PTO Shield
39	NAP	1	Hex Hd. Cap Screw, $\frac{3}{8}$ " - 16 UNC x $2\frac{1}{2}$ " Lg. (Grade 5)
40	WR10652	2	Take-up Bearing w/ Relube & 2 Set Screws, 1" Bore (medium duty)
41	WR15195	1	Front Roller
42	WR10629	1	Conveyor drive Chain, RC-2050 SS x $41\frac{1}{4}$ " Lg.
43	WR10633	1	Connector Link, RC-2050 SS
44	WR12363	1	Rear End Sprocket
45	WR16597	1	Rear Drive Roller & Roller Shaft
46	WR10241	2	Sq. Hd. Set Screw, $\frac{3}{8}$ " - 16 UNC x $\frac{5}{8}$ " Lg.
47	WR21533	1	Set Collar - Modified
48	NAP	1	Roll Pin, $\frac{1}{4}$ " Dia. x $1\frac{1}{2}$ " Lg.
49	WR10639	2	Pillow Block Bearing, 1" Bore
	WR22001	2	PTO Assembly - Weasler 540 (not shown - see replacement parts)
	WR22765	1	Distributor Blade Kit - Long Life (not shown)

S-500 / S-500 NT Ground Drive Parts



Ref. #	Part #	Qty.#	Description
1	NAP	4	Hex Hd. Cap Screw, ¼"- 20 UNC x ¾" Lg. (grade 5)
2	NAP	4	Lock Washer, ¼" I.D.
3	AG027701	1	Hex Hd. Cap Screw, ½"- 18 UNF x 2" Lg. (grade 5)
4	WR10423	1	Lock Washer, ½" I.D.
5	WR10461	1	Flat Idler Sheave, 4 ½" Dia., ⅜" Bore
6	WR10575	1	Connector Link, RC-50 SS
7	WR20992	1	Engaging Lever Chain Assembly
8	WR14878	1	Ground Drive Engaging Arm
9	NAP	1	Cotter Pin, ⅛" Dia. x 1 ½" Lg.
10	NAP	2	Flat Washer, ½" I.D.
11	WR15251	1	Engaging Lever
11	*WR20507	1	Engaging Lever (S-500 NT)
12	WR22547	2	Bushing - Nylon
12	*WR21425	2	Bushing - Nylon (S-500 NT)
13	WR10449	1	Set Collar, 1" I.D.
14	WR15095	1	Ground Drive Linkage
15	42573PF	4	Hex Nut, ⅜"- 16 UNC
16	WR10420	4	Lock Washer, ⅜" I.D.
17	WR10636	2	Pillow Block Bearing, 1" Bore
18	WR17317	1	Vinyl Grip
19	NAP	4	Hex Hd. Cap Screw, ⅜"- 16 UNC x 1 ½" Lg. (grade 5)
20	NAP	4	Flat Washer, ⅜" I.D.
21	WR12368	1	Drive Sprocket
22	NAP	1	Key, ¼" x ¼" Keystock x 1 ¼" Lg.
23	NAP	3	Hex Nut, ¼" - 20 UNC
24	WR16617	1	Spring
25	32923PF	2	Hex Nut, ½" - 13 UNC
26	WR15093	1	Ground Drive Jack Shaft
26	*WR20526	1	Ground Drive Jack Shaft (S-500 NT)
27	NAP	1	Key, ¼" x ¼" Keystock x 4" Lg.
	WR10663	1	Slip Clutch Assy. (includes items 28, 29, 31, 32, and 33)
28	WR10668	1	Slip Clutch Nut
29	WR10669	1	Slip Clutch Spring
30	WR15244	1	Outer Shield
31	WR10667	2	Slip Clutch Floating Jaw
32	WR10664	1	Slip Clutch Hub
33	WR10666	1	Sprocket, 50-A-54, 2" Bore
34	WR19130	1	Ground Drive Chain, RC-50 SS x 76 ¾" Lg.
35	NAP	2	Flat Washer, SAE ⅜" I.D.
-	WR14880	1	Bearing Support Weldment

* Used on S-500 NT

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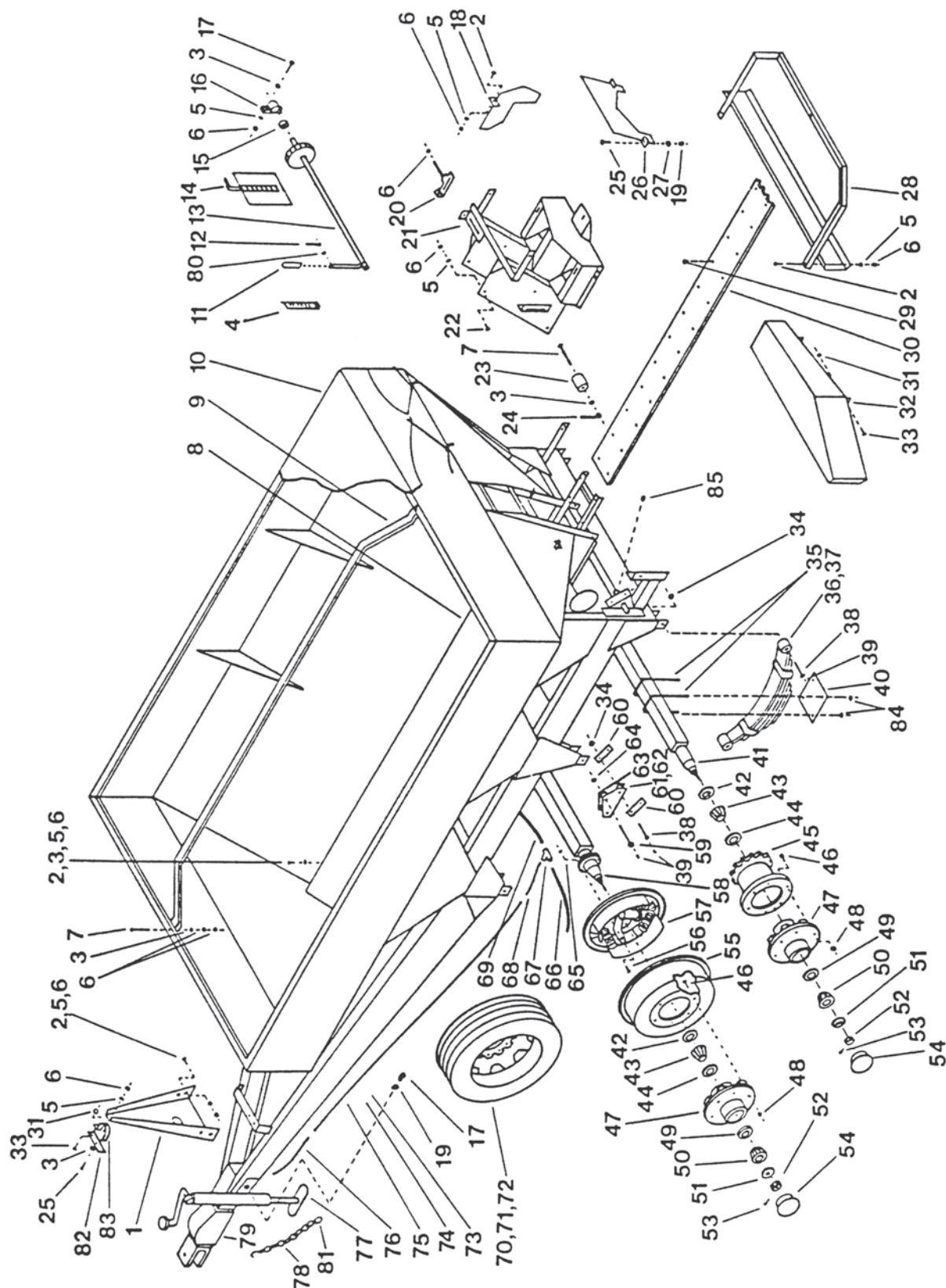
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The website features a dark brown header with the company logo and navigation links for HOME, PRODUCTS, PARTS AND SERVICE, FINANCE & RESOURCES, ABOUT US, and CONTACT. A phone number (800-747-8300) and account login link are also in the header. The main content area includes a sign-up form for company info, links to Equipment, Catalog, and Order Parts, a map for finding locations, and a section about emailed invoices and online access. The footer contains a brief history of the company, its commitment to quality, and a call to action to contact them.

S-600 / S-800 Hopper Parts



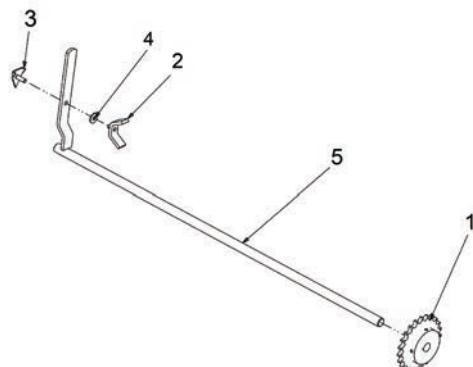
S-600 / S-800 Hopper Parts



Ref. #	Part #	Qty.#	Description
1	WR15152	1	PTO Mount
2	NAP	14	Hex Hd. Cap Screw, $\frac{3}{8}$ " - 16 UNC x 1" Lg. (Grade 5)
3	NAP	12	Flat Washer, $\frac{3}{8}$ " I.D.
4	WR20957	1	Gate Scale
5	WR10420	22	Lock Washer, $\frac{3}{8}$ " I.D.
6	42573PF	28	Hex Nut, $\frac{3}{8}$ " - 16 UNC
7	WR10233	3	Carriage Bolt, $\frac{3}{8}$ " - 16 UNC x 4 $\frac{1}{2}$ " Lg. (Grade 5)
8	WR15179	1	Conveyor Hood
	WR19172	1	Conveyor Hood - S.S. (not shown, used on 409 S.S. Hopper - option 00202)
9	WR15187	1	Tarp Bow
10	WR17469	1	Tarp w/Shock Cord
11	WR17332	1	Vinyl Grip
12	WR21701	1	Wing Nut (included w/ item 13)
13	WR14855	1	Metering Shaft SEE DRAWING BELOW
14	WR21193	1	Rear Gate
15	WR10448	1	Set collar, $\frac{3}{4}$ " I.D.
16	WR10654	1	Journal Bearing, $\frac{3}{4}$ " Bore
17	NAP	3	Hex Hd. Cap Screw, $\frac{3}{8}$ " - 16 UNC x 1 $\frac{1}{4}$ " Lg. (Grade 5)
18	WR16133	1	Divider
19	NAP	3	Serated Flange Nut, $\frac{3}{8}$ " - 16 UNC
20	WR15238	1	Belt Guide
21	WR16080	1	Rear End
22	NAP	6	Hex Hd. Cap Screw, $\frac{3}{8}$ " - 16 UNC x $\frac{3}{4}$ " Lg. (Grade 5)
23	WR16548	1	Hardwood Tightener Block
24	WR22743	1	Box Rod Nut, $\frac{3}{8}$ " - 16 UNC (see note)
25	WR17813	3	Carriage Bolt, $\frac{3}{8}$ " - 16 UNC x 1" Lg., S.S.
26	WR16065	1	Rear Deflector
27	WR17815	2	Flat Washer, $\frac{3}{8}$ " I.D., S.S.
28	WR19171	1	Splash Shield and Bumper
29	NAP	26	Rivet, $\frac{3}{16}$ " Dia. x $\frac{3}{8}$ " To $\frac{1}{2}$ " Lg., S.S.
30	WR15125	1	Ryertex Floor Plate
31	NAP	3	Center Lock, Nut, $\frac{5}{16}$ " - 18 UNC
32	WR15232	1	Rear Belt Shield
33	NAP	3	Hex Hd. Cap Screw, $\frac{5}{16}$ " - 18 UNC x 1" Lg. (Grade 5)
34	364027X1	12	Center Lock Nut, $\frac{3}{4}$ " - 16 UNF
35	WR16717	8	Axle U-Bolt
36	ACM422790	4	Spring Assembly w/ Bushings
37	WR16719	8	Bushing (included w/ item 36)
38	WR15129	12	Spring Bolt
39	13811X	14	Straight Grease Zerk, $\frac{1}{4}$ " - 28 UNF
40	WR16716	4	Spring Plate
41	WR15150	1	Axle Weldment w/o Brake Flanges
42	WR15433	4	Grease Seal
43	882554M91	4	Inner Bearing Cone
44	WR15442	4	Inner Bearing Cup (included w/ item 47)
45	WR15265	1	Hub
46	826370	32	Wheel Bolt, $\frac{5}{16}$ " - 18 UNF x 2 $\frac{1}{2}$ " Lg. (Grade 5)
47	WR15435	4	Hub w/Bearing Cups

48	WR15443	32	Wheel Bolt Nut, $\frac{5}{16}$ " - 18 UNF
49	70209987	4	Outer Bearing Cup (included w/ item 47)
50	70240445	4	Outer Bearing Cone
51	WR15437	4	Spindle Washer, 1" I.D.
52	WR15439	4	Spindle Nut, 1" - 14 UNF
53	NAP	4	Cotter Pin, $\frac{3}{16}$ " dia. x 1 $\frac{1}{2}$ " Lg.
54	WR15438	4	Hub Cap
55	WR15429	2	Brake Drum
56	WR10215	8	Hex Hd. Cap Screw, $\frac{1}{2}$ " - 20 UNF x 1" Lg. (Grade 5)
57	WR15427	1	LH Brake Cluster Assembly
	WR15428	1	RH Brake Cluster Assembly (not shown)
58	WR15145	1	Axle Weldment w/ Brake Flanges
59	WR15130	2	Equalizer Bolt
60	WR15162	8	Shackle Arm w/o Stops
61	WR15154	2	Equalizer Arm w/ Bushings
62	WR15157	4	Bushing (included w/ item 61)
63	WR14341	2	Bushing (included w/ item 61)
64	WR11559	2	Center Lock Nut, 1" - 14 UNF
65	353437X1	8	Hex Nut, $\frac{1}{2}$ " - 20 UNF
	WR15459	1	2-Wheel Brake Line Kit w/ Fittings (includes items 66 thru 69 and 73 thru 76)
66	WR15318	1	Tubing Assembly, 17" Lg.
67	WR15344	1	Frame Tee w/ Clip
68	WR15343	1	Hydraulic Hose Assembly, 18 $\frac{7}{8}$ " Lg.
69	WR15328	1	Tubing Assembly, 50" Lg.
70	NAP	4	Tire, 16.5L x 16.1, 8 Ply Tubeless
	NAP	4	Tire, 19L x 16.1, 10 Ply Tubeless (optional)
71	WR10828	4	Wheel, 11 x 16.1
72	NAP	4	Valve Stem w/ Cap, Rubber
73	WR15345	2	Hose Clip
74	WR15346	2	Hose Bracket
75	WR15335	1	Tubing Assembly, 82" Lg.
76	WR15342	1	Hydraulic Hose Assembly, 13" Lg.
77	WR22432	1	Jack Assembly (see replacement parts)
78	WR10519	2	Safety Chain, $\frac{5}{16}$ " x 3' Lg. w/ $\frac{5}{16}$ " Grab Hook
79	WR15375	1	Brake Actuator Assembly (see replacement parts)
80	NAP	1	Flat Washer, $\frac{5}{16}$ " I.D. (included w/ item 13)
81	WR10515	2	Quick Link, $\frac{3}{8}$ "
	WR20429	-	Chain Guide (not shown, included w/ item 45)
82	WR10493	1	Latch
	WR10491	1	PTO Clamp Assembly (includes items 82, 83, and one each of items 31 and 33)
83	WR10492	1	PTO Clamp
84	WR20321	16	Nut, $\frac{3}{4}$ " - 16 UNF (Nylock)
85	70915276	1	90° Grease Zerk, $\frac{1}{8}$ " - 27 NPT

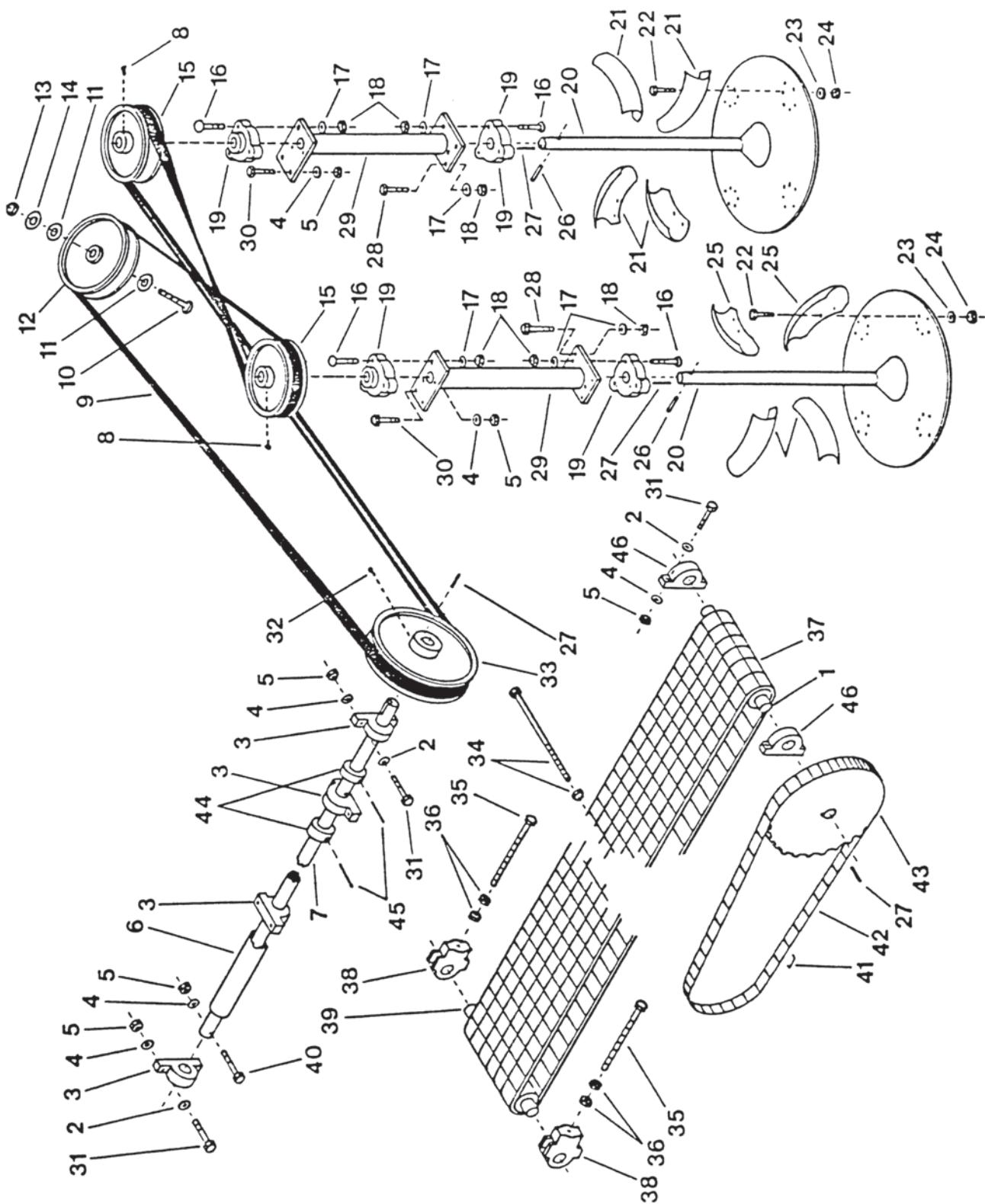
NOTE: When equipped with optional rope control item 24 Part # is 22743.



Metering Shaft Assembly

Ref. #	Part #	Qty.#	Description
1	WR10688	1	Sprocket
2	WR21701	1	Wing Nut
3	WR24980	1	Clip
4	700709602	1	Washer
5	507366D1	1	Metering Shaft

S-600 / S-800 Spinner Drive & Conveyor Parts



NOTE: MEASUREMENTS ARE OVERALL WIDTH OF THE PULLEYS

IMPORTANT WHEN CHANGING TO ANY OF THE PULLEY COMBINATIONS LISTED ABOVE ON A SPREADER THAT WAS PREVIOUSLY EQUIPPED WITH THE SHALLOWER GROOVED B SERIES PULLEY, IT IS NECESSARY TO CHANGE ALL THE PULLEYS TO MAINTAIN THE PROPER SPINNER RPM'S! THE BELT PART NUMBER (WR10487) REMAINS THE SAME WHEN ALL PULLEYS ARE REPLACED AS SUGGESTED BELOW. IT IS SUGGESTED TO REPLACE THE BELT WHEN GOING TO THE NEW C SERIES PULLEY.

S-600 / S-800 Spinner Drive & Conveyor Parts



Ref. #	Part #	Qty.#	Description
1	WR16597	1	Rear Drive Roller & Roller Shaft
2	NAP	12	Flat Washer, $\frac{3}{8}$ " I.D.
3	WR10636	4	Pillow Block Bearing, 1" Bore
4	WR10420	15	Lock Washer, $\frac{3}{8}$ " I.D.
5	42573PF	15	Hex Nut, $\frac{3}{8}$ " - 16 UNC
6	WR15128	1	PTO Shield
7	WR21540	1	Line Shaft
8	WR10240	4	Sq. Hd. Set Screw, $\frac{5}{16}$ " - 18 UNC x $\frac{3}{4}$ " Lg.
9	WR10487	1	V-Belt (BB-112) for 40' Spread Pattern
	*WR38791	1	V-Belt (50' Pattern)
10	NAP	1	Carriage Bolt, $\frac{3}{8}$ " - 11 UNC x $2\frac{1}{2}$ " Lg.
11	NAP	2	Flat Washer, $\frac{3}{8}$ " I.D.
12	WR10464	1	V-Idler Sheave, 6 1/2" Dia., $\frac{5}{8}$ " Bore
13	30385AF	1	Hex Nut, $\frac{3}{8}$ " - 11 UNC
14	WR10423	1	Lock Washer, $\frac{3}{8}$ " I.D.
15	WR136375	2	Sheave, 6" Dia., Deep Groove, "B" Section, 1" Bore, $\frac{1}{4}$ " x $\frac{1}{8}$ " Keyway, for 40' Spread Pattern
	*WR136376	2	Sheave (50' Pattern)
16	NAP	12	Carriage Bolt, $\frac{5}{16}$ " - 18 UNC x $1\frac{1}{2}$ " Lg.
17	NAP	16	Lock Washer, $\frac{5}{16}$ " I.D.
18	NAP	16	Hex Nut, $\frac{5}{16}$ " - 18 UNC
19	WR10645	4	3 Hole Flange Bearing, 1" Bore
20	WR16584	2	Distributor Fan
	WR22765	-	Distributor Blade Kit - Long Life (not shown)
	WR15226	-	Distributor Blade Kit (includes items 21 thru 25)
21	WR16583	4	Distributor Blade - Right
22	NAP	16	Hex Hd. Cap Screw, $\frac{1}{4}$ " - 20 UNC x $\frac{3}{4}$ " Lg. (Grade 5)
23	NAP	16	Lock Washer, $\frac{1}{4}$ " I.D.
24	NAP	16	Hex Nut, $\frac{1}{4}$ " - 20 UNC
25	WR16595	4	Distributor Blade - Left
26	NAP	2	Roll Pin, $\frac{1}{8}$ " Dia. x $1\frac{1}{4}$ " Lg.
27	NAP	4	Key, $\frac{1}{4}$ " x $\frac{1}{4}$ " Keystock x $1\frac{1}{4}$ " Lg.
28	NAP	4	Hex Hd. Cap Screw, $\frac{5}{16}$ " - 18 UNC x 1" Lg. (Grade 5)
29	WR15222	2	Distributor Mount
30	NAP	2	Hex Hd. Cap Screw, $\frac{3}{8}$ " - UNC x 1" Lg. (Grade 5)
31	NAP	12	Hex Hd. Cap Screw, $\frac{3}{8}$ " - 16 UNC x $1\frac{1}{2}$ " Lg. (Grade 5)
32	WR10241	2	Sq. Hd. Set Screw, $\frac{3}{8}$ " - 16 UNX x $\frac{5}{8}$ " Lg.
33	WR10454	1	Sheave, 8" Dia., Single Groove, "B" Section, 1" Bore, $\frac{1}{4}$ " x $\frac{1}{8}$ " Keyway
34	WR10513	1	Splice Pin & Nut
35	WR10270	2	Hex Hd. Tap Bolt, $\frac{1}{2}$ " - 13 UNC x 5" Lg., S.S.
36	WR11526	4	Hex Nut, $\frac{1}{2}$ " - 13 UNC, S.S.
37	WR10511	1	Conveyor Chain, 243" Lg.
38	WR10652	2	Take-up Bearing w/ Relube & 2 Set Screws, 1" Bore (medium duty)
39	WR15195	1	Front Roller
40	NAP	1	Hex Hd. Cap Screw, $\frac{3}{8}$ " - UNC x $2\frac{1}{2}$ " Lg. (Grade 5)
	WR10633	1	Connector Link, RC-2050, S.S.
	WR19129	1	Conveyor Drive Chain, RC-2050 x 43 $\frac{3}{4}$ " Lg., S.S.
43	WR12363	1	Rear End Sprocket
44	WR21533	2	Set Collar - Modified
45	NAP	2	Roll Pin, $\frac{1}{4}$ " Dia. x $1\frac{1}{2}$ " Lg.
46	WR10639	2	Pillow Block Bearing, 1" Bore
	WR22001	1	PTO Assembly - Weasler 540 RPM (not shown - see replacement parts)

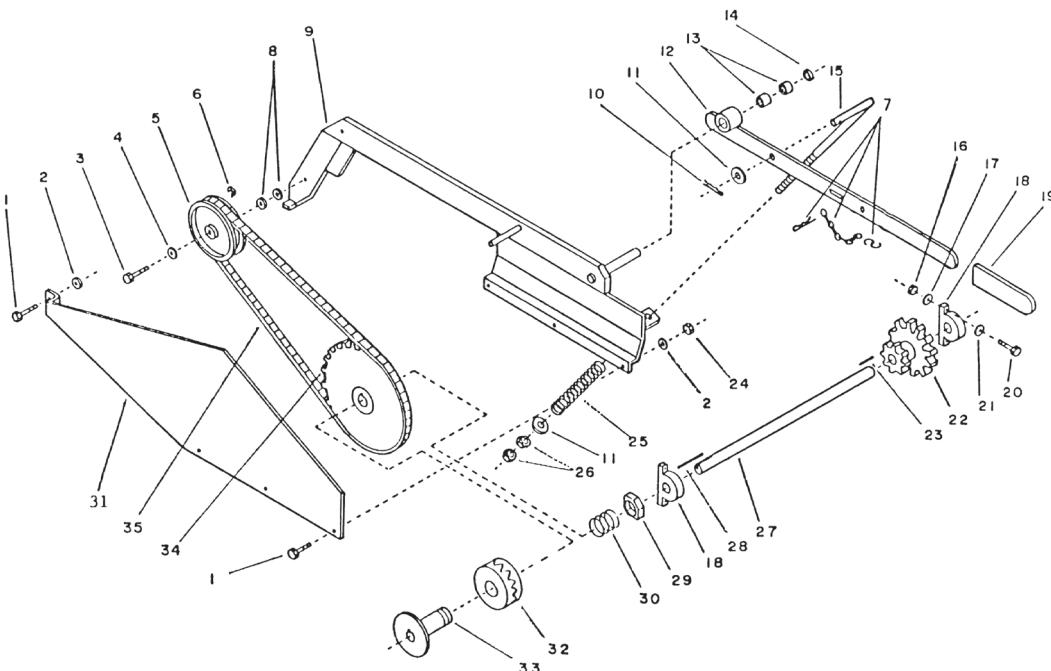
40' SPREAD PATTERN

	New Part #	Old Part #
Line Shaft Pulley	539806D1 , 8 $\frac{1}{2}$ "	WR10454, 8"
Idler Pulley	539807D1, 7 $\frac{5}{8}$ "	WR10464, 6 $\frac{3}{4}$ "
Spinner Shaft Pulley	539804D1, 6 $\frac{1}{2}$ "	WR136375, 6 $\frac{1}{4}$ "
Belt Guide Weldment	542782D1, w/o hook	WR15238, w/ hook

50' SPREAD PATTERN

	New Part #	Old Part #
Line Shaft Pulley	539805D1 , 9 $\frac{1}{2}$ "	WR10454, 8"
Idler Pulley	539807D1, 7 $\frac{5}{8}$ "	WR10464, 6 $\frac{3}{4}$ "
Spinner Shaft Pulley	539804D1, 6 $\frac{1}{2}$ "	WR136376, 5"
Belt Guide Weldment	542782D1, w/o hook	WR15238, w/ hook

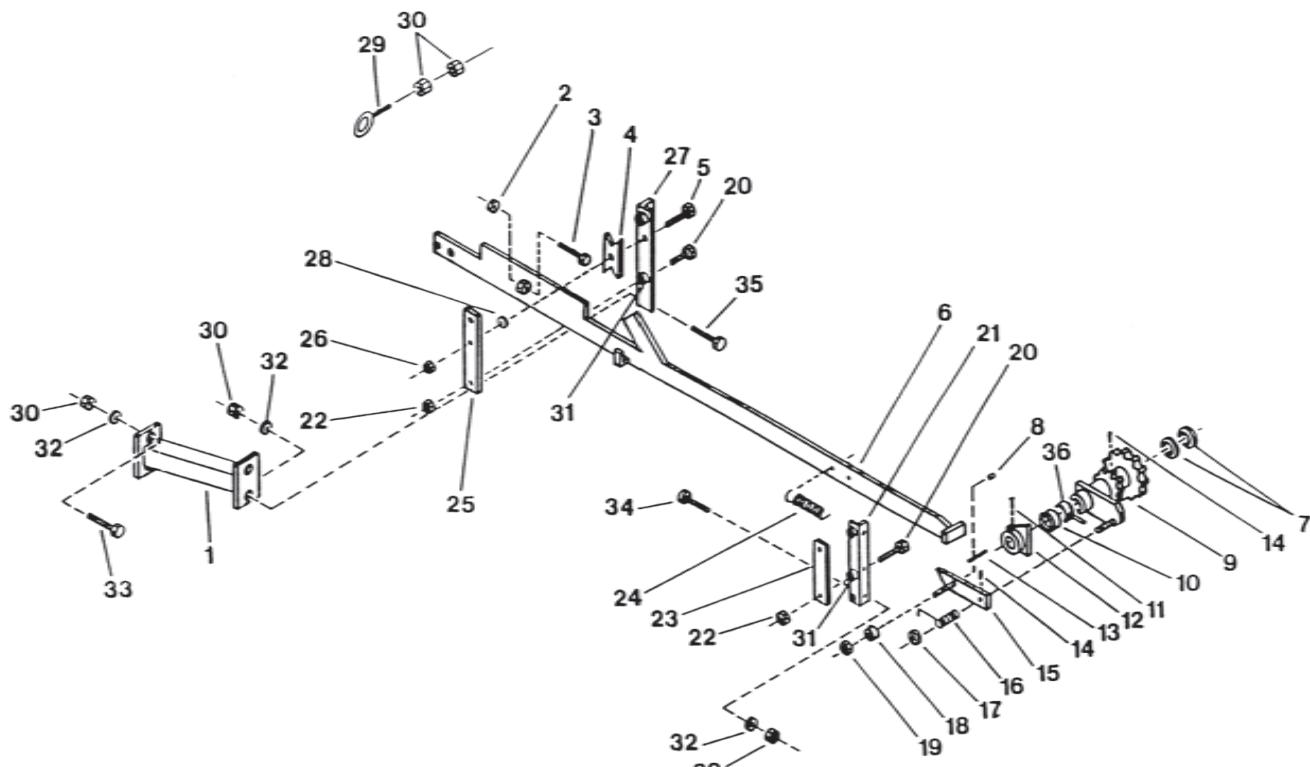
S-600 NT / S-800 Ground Drive Parts



Ref. #	Part #	Qty.#	Description
1	NAP	4	Hex Hd. Cap Screw, 1/4" - 20 UNC x 3/4" Lg. (Grade 5)
2	NAP	4	Lock Washer, 1/4" I.D.
3	NAP	1	Hex Hd. Cap screw, 5/8" - 18 UNF x 2" Lg. (Grade 5)
4	WR10423	1	Lock Washer, 5/8" I.D.
5	WR10461	1	Flat Idler Sheave, 4 1/2" Dia., 5/8" Bore
6	WR10575	1	Connector Link, RC-50
7	WR20992	1	Engaging Lever Chain Assembly
8	NAP	2	Flat Washer, SAE 5/8" I.D.
9	WR15246	1	Ground Drive Engaging Arm
10	NAP	1	Cotter Pin, 1/8" Dia. x 1 1/2" Lg.
11	NAP	2	Flat Washer, 1/2" I.D.
12	WR15251	1	Engaging Lever
12	*WR20585	1	Engaging Lever Weldment (S-600 NT)
13	WR22547	2	Bushing - Nylon
14	WR10449	3	Set Collar, 1" I.D.
15	WR15095	1	Ground Drive Linkage
16	42573PF	4	Hex Nut, 3/8" - 16 UNC
17	WR10420	4	Lock Washer, 3/8" I.D.
18	WR10636	2	Pillow Block Bearing, 1" Bore
19	WR17317	1	Vinyl Grip
20	NAP	4	Hex Hd. Cap Screw, 3/8" - 16 UNC x 1 1/2" Lg. (Grade 5)
21	NAP	4	Flat Washer, 3/8" I.D.
22	WR12368	1	Drive Sprocket
23	NAP	1	Key, 1/4" x 1/4" Keystock x 1 1/4" Lg.
24	NAP	3	Hex Nut, 1/4" - 20 UNC
25	WR16617	1	Spring
26	32923PF	2	Hex Nut, 1/2" - 13 UNC
27	WR15245	1	Ground Drive Jack Shaft
27	*WR20586	1	Ground Drive Jack Shaft (S-600 NT)
28	NAP	1	Key, 1/4" x 1/4" Keystock x 4" Lg.
	WR10663	1	Slip Clutch Assembly - Ratchet (includes items 29, 30, 32, 33 and 34)
29	WR10668	1	Slip Clutch Nut
30	WR10669	1	Slip Clutch Spring
31	WR15244	1	Outer Shield
32	WR10667	1	Slip Clutch Floating Jaw
33	WR10664	1	Slip Clutch Hub
34	WR10666	1	Sprocket, 50-A-54, 2" Bore
	19128	1	Ground Drive Chain, RC-50 x 84 3/8" Lg., S.S.

* Used on S-600 NT

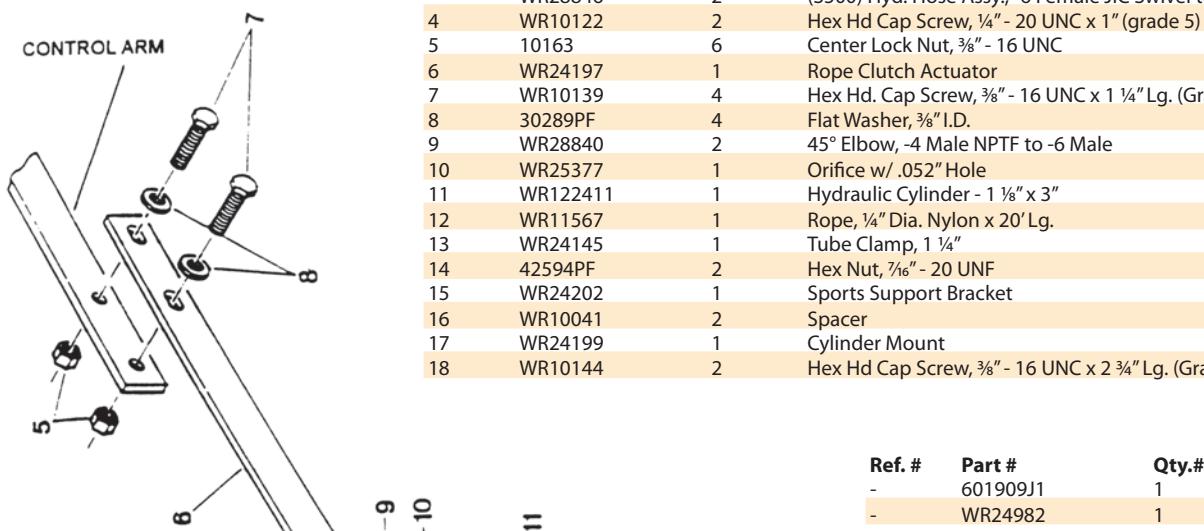
Manual Rope Control Parts



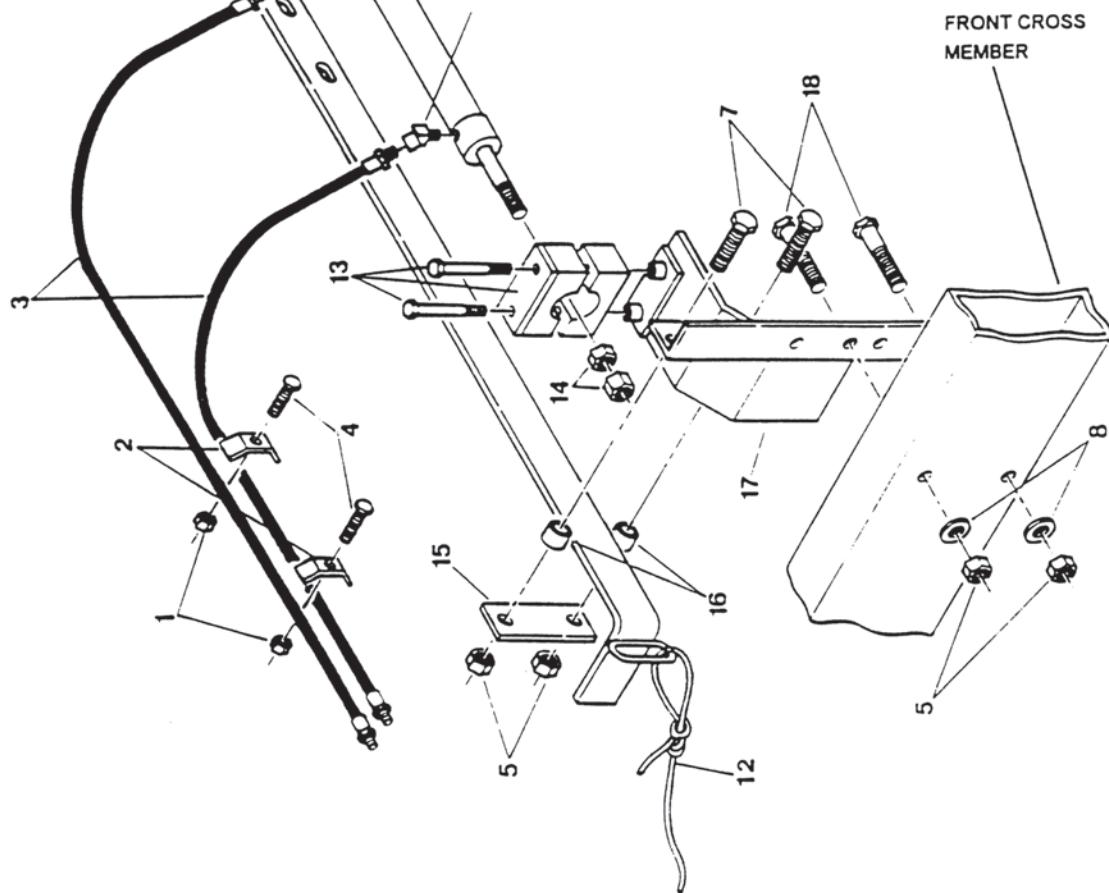
Ref. #	Part #	Qty.#	Description
1	WR21361	1	Support
2	32923PF	1	Hex Nut, $\frac{1}{2}$ " - 13 UNC
3	WR10159	1	Hex Hd. Cap Screw, $\frac{1}{2}$ " - 13 UNC x 2" Lg. (Grade 5)
4	WR14910	1	Trip Lug
5	WR10132	1	Hex Hd. Cap Screw, $\frac{5}{16}$ " - 18 UNC x 1 $\frac{1}{4}$ " Lg. (Grade 5)
6	WR34006	1	Control Arm
7	WR25722	2	Flat Washer, 1" ID Zinc
	WR21171	1	Ground Drive Clutch Assy. (Includes items 8 - 10 and 14 - 19)
8	10915019	1	90° Grease Zerk, $\frac{1}{4}$ " - 28 UNF
9	WR21172	1	Ground Drive Clutch
10	WR22547	2	Bushing - Nylon (included w/ item 9)
11	WR10248	1	Socket Head Set Screw, $\frac{3}{8}$ " - 16 UNC x $\frac{3}{8}$ " Lg.
12	WR19091	1	Ground Drive Engaging Lug
13	WR10368	1	Key, $\frac{1}{4}$ " x $\frac{1}{4}$ " Keystock x 1" Lg.
14	13811X	2	Straight Grease Zerk, $\frac{1}{4}$ " - 28 UNF
15	WR33672	1	Engaging Lever
16	WR18899	1	Spring - Modified
17	WR18906	1	Set Collar - Modified
18	WR14323	1	Spacer
19	WR11534	1	Center Lock Nut, $\frac{5}{8}$ " - 11 UNC
20	WR10139	4	Hex Hd. Cap Screw, $\frac{3}{8}$ " - 16 UNC x 1 $\frac{1}{4}$ " Lg. (Grade 5)
21	WR14933	1	Rear Guide
22	10163	4	Center Lock Nut, $\frac{3}{8}$ " - 16 UNC
23	WR14912	1	Rear Guide Strap
24	WR14369	1	Spring
25	WR19199	1	Front Guide Strap
26	71923362	1	Center Lock Nut, $\frac{5}{16}$ " - 18 UNC
27	WR14930	1	Front Guide
28	WR10400	1	Flat Washer, $\frac{5}{16}$ " I.D.
29	WR21358	1	Eye Bolt
30	78923362	9	Hex Nut, $\frac{3}{8}$ " - 16 UNC
31	WR10041	4	Bushing
32	WR10420	7	Lock Washer, $\frac{3}{8}$ " I.D.
33	WR10144	2	Hex Hd. Cap Screw, $\frac{3}{8}$ " - 16 UNC x 2 $\frac{3}{4}$ " Lg. (Grade 5)
34	WR19300	2	Hex Hd. Cap Screw, $\frac{3}{8}$ " - 16 UNC x 4 $\frac{1}{2}$ " Lg. (Grade 5)
35	WR10138	2	Hex Hd. Cap Screw, $\frac{3}{8}$ " - 16 UNC x 1" Lg. (Grade 5)
36	WR14935	1	Lockout (used only with option 00586)

Hydraulic Rope Control

Ref. #	Part #	Qty.#	Description
1	70923358	2	Center Lock Nut, $\frac{1}{4}$ " - 20 UNC
2	WR24204	2	Hose Mount Clamp
3	WR28847	2	(s600-800) Hyd. Hose Assy. -4 NPTF to -6 Female JIC, -4R7 Hose x 168" Lg.
	WR28846	2	(S500) Hyd. Hose Assy., -6 Female JIC Swivel to -4 Male NPTF, 4R7 x 144" Lg.
4	WR10122	2	Hex Hd Cap Screw, $\frac{3}{8}$ " - 20 UNC x 1" (grade 5)
5	10163	6	Center Lock Nut, $\frac{3}{8}$ " - 16 UNC
6	WR24197	1	Rope Clutch Actuator
7	WR10139	4	Hex Hd. Cap Screw, $\frac{3}{8}$ " - 16 UNC x 1 $\frac{1}{4}$ " Lg. (Grade 5)
8	30289PF	4	Flat Washer, $\frac{3}{8}$ " I.D.
9	WR28840	2	45° Elbow, -4 Male NPTF to -6 Male
10	WR25377	1	Orifice w/.052" Hole
11	WR122411	1	Hydraulic Cylinder - 1 $\frac{1}{8}$ " x 3"
12	WR11567	1	Rope, $\frac{1}{4}$ " Dia. Nylon x 20'Lg.
13	WR24145	1	Tube Clamp, 1 $\frac{1}{4}$ "
14	42594PF	2	Hex Nut, $\frac{7}{16}$ " - 20 UNF
15	WR24202	1	Sports Support Bracket
16	WR10041	2	Spacer
17	WR24199	1	Cylinder Mount
18	WR10144	2	Hex Hd Cap Screw, $\frac{3}{8}$ " - 16 UNC x 2 $\frac{3}{4}$ " Lg. (Grade 5)



Ref. #	Part #	Qty.#	Description
-	601909J1	1	S600 & S800 Complete
-	WR24982	1	S500 Complete



Willmar Dual Distributors


**APPLICATION RATE -- LBS./ACRE
(KG/HECTARE)**
**MACHINE S-600, S-800
TIRE SIZE 16.5L x 16.1**

BASED ON 50 FT. (152M) DRIVING INTERVALS

WR37570 -

LOW RANGE

DENSITY LBS./FT. ² (KG/M ²)	45	50	55	58	60	62	65	67	70	75	80
GATE OPENING (mm)	(720)	(800)	(880)	(930)	(960)	(993)	(1040)	(1073)	(1120)	(1200)	(1280)
1 1/2" (38.1)	52 (58)	58 (64)	66 (74)	72 (81)	76 (85)	78 (88)	83 (93)	86 (97)	90 (102)	98 (110)	106 (119)
2" (50.8)	73 (82)	81 (90)	94 (105)	102 (114)	106 (118)	110 (122)	115 (129)	118 (133)	124 (139)	134 (150)	143 (161)
2 1/2" (63.5)	94 (105)	104 (116)	119 (134)	129 (144)	134 (150)	138 (155)	146 (164)	151 (169)	158 (177)	170 (190)	182 (204)
3" (76.2)	115 (130)	128 (144)	146 (163)	157 (176)	163 (183)	169 (189)	177 (198)	182 (204)	190 (214)	205 (230)	220 (246)
3 1/2" (88.9)	138 (154)	153 (171)	172 (193)	184 (206)	193 (216)	199 (223)	209 (234)	215 (241)	225 (252)	241 (270)	257 (288)
4" (101.6)	159 (178)	177 (198)	199 (223)	213 (238)	220 (246)	227 (255)	238 (267)	246 (275)	257 (288)	275 (308)	294 (329)
4 1/2" (114.3)	182 (203)	202 (226)	226 (254)	242 (270)	247 (278)	256 (286)	268 (301)	274 (306)	286 (320)	305 (346)	330 (370)
5" (127.0)	202 (227)	225 (253)	253 (283)	269 (302)	279 (313)	287 (322)	299 (335)	307 (344)	317 (355)	338 (378)	358 (402)
5 1/2" (139.7)	225 (252)	250 (280)	280 (314)	299 (335)	309 (346)	316 (354)	329 (369)	337 (378)	349 (390)	367 (411)	390 (436)
6" (152.4)	247 (278)	275 (308)	307 (345)	326 (366)	338 (378)	345 (387)	356 (399)	363 (407)	373 (418)	388 (435)	414 (464)

HIGH RANGE

DENSITY LBS./FT. ² (KG/M ²)	45	50	55	58	60	62	65	67	70	75	80
GATE OPENING (mm)	(720)	(800)	(880)	(930)	(960)	(993)	(1040)	(1073)	(1120)	(1200)	(1280)
1 1/2" (38.1)	—	—	—	—	—	—	—	—	—	—	—
2" (50.8)	175 (196)	194 (218)	225 (252)	244 (274)	256 (286)	266 (298)	280 (314)	290 (326)	306 (342)	331 (371)	358 (401)
2 1/2" (63.5)	226 (253)	251 (282)	287 (322)	310 (347)	323 (362)	335 (376)	354 (397)	366 (410)	385 (431)	416 (466)	448 (502)
3" (76.2)	279 (313)	310 (347)	350 (393)	376 (422)	391 (439)	406 (455)	428 (479)	442 (496)	465 (521)	502 (562)	540 (605)
3 1/2" (88.9)	333 (374)	370 (414)	415 (466)	442 (496)	460 (516)	477 (534)	502 (562)	519 (582)	544 (610)	587 (658)	630 (707)
4" (101.6)	386 (434)	430 (482)	480 (538)	510 (572)	530 (594)	548 (614)	577 (646)	595 (667)	623 (698)	671 (752)	719 (806)
4 1/2" (114.3)	439 (492)	488 (546)	544 (610)	578 (647)	598 (671)	618 (694)	649 (727)	669 (750)	698 (783)	749 (839)	798 (895)
5" (127.0)	488 (546)	542 (607)	604 (677)	639 (717)	662 (742)	683 (766)	717 (803)	738 (828)	771 (865)	826 (926)	882 (988)
5 1/2" (139.7)	533 (596)	592 (663)	667 (747)	703 (788)	727 (815)	752 (842)	788 (883)	812 (910)	849 (951)	910 (1019)	970 (1087)
6" (152.4)	559 (627)	638 (714)	718 (806)	758 (850)	784 (878)	810 (908)	850 (952)	875 (982)	903 (1013)	968 (1085)	1033 (1158)

**APPLICATION RATE -- lbs./ACRE
(kg./HECTARE)**

Machine S-600, S-800

Tire Size 19L-16.1

BASED ON 50 FT. (152M) DRIVING INTERVALS

WR37571-

LOW RANGE

DENSITY (lbs./ft. ²) (kg./m ²)	45	50	55	58	60	62	65	67	70	75	80
GATE OPENING (mm)	(720)	(800)	(880)	(930)	(960)	(993)	(1040)	(1073)	(1120)	(1200)	(1280)
1 1/2" (38.1)	47 (52)	52 (58)	66 (67)	73 (76)	68 (76)	71 (79)	75 (84)	78 (87)	83 (93)	89 (99)	96 (107)
2" (50.8)	66 (74)	73 (82)	84 (94)	91 (102)	95 (107)	99 (111)	104 (116)	107 (120)	112 (125)	120 (135)	129 (145)
2 1/2" (63.5)	84 (94)	94 (105)	107 (120)	116 (130)	121 (136)	125 (140)	132 (148)	136 (152)	142 (159)	153 (172)	164 (184)
3" (76.2)	104 (117)	116 (130)	131 (147)	141 (158)	147 (165)	152 (170)	159 (178)	164 (184)	172 (192)	185 (207)	198 (222)
3 1/2" (88.9)	124 (139)	138 (154)	155 (174)	166 (186)	174 (194)	179 (201)	188 (201)	194 (211)	203 (217)	217 (227)	232 (249)
4" (101.6)	144 (161)	160 (179)	180 (201)	192 (215)	198 (222)	205 (230)	215 (241)	222 (248)	232 (259)	248 (279)	265 (296)
4 1/2" (114.3)	163 (183)	182 (203)	204 (228)	218 (244)	223 (250)	231 (258)	242 (271)	246 (276)	257 (288)	277 (311)	298 (333)
5" (127.0)	183 (205)	203 (227)	228 (255)	243 (272)	252 (282)	259 (302)	270 (310)	277 (320)	286 (341)	305 (362)	323 (382)
5 1/2" (139.7)	203 (227)	225 (252)	252 (283)	270 (302)	278 (312)	286 (320)	297 (332)	304 (340)	314 (352)	331 (371)	351 (393)
6" (152.4)	223 (250)	248 (276)	277 (311)	294 (330)	305 (341)	311 (349)	321 (359)	327 (367)	336 (392)	350 (418)	374 (468)

HIGH RANGE

DENSITY (lbs./ft. ²) (kg./m ²)	45	50	55	58	60	62	65	67	70	75	80
GATE OPENING (mm)	(720)	(800)	(880)	(930)	(960)	(993)	(1040)	(1073)	(1120)	(1200)	(1280)
1 1/2" (38.1)	—	—	—	—	—	—	—	—	—	—	—
2" (50.8)	158 (177)	175 (196)	203 (227)	220 (246)	230 (258)	239 (268)	253 (283)	262 (293)	276 (309)	299 (335)	323 (361)
2 1/2" (63.5)	204 (228)	226 (253)	259 (290)	279 (313)	292 (327)	303 (339)	319 (357)	337 (370)	347 (389)	375 (420)	404 (453)
3" (76.2)	252 (282)	279 (313)	316 (354)	339 (380)	353 (395)	366 (410)	386 (432)	399 (447)	419 (481)	453 (507)	487 (545)
3 1/2" (88.9)	300 (336)	334 (374)	374 (419)	396 (447)	415 (465)	430 (481)	453 (507)	468 (524)	490 (549)	529 (593)	569 (637)
4" (101.6)	349 (391)	387 (434)	433 (484)	460 (515)	478 (535)	494 (582)	520 (601)	537 (629)	562 (678)	605 (726)	648 (726)
4 1/2" (114.3)	396 (443)	440 (492)	490 (549)	521 (583)	540 (605)	558 (625)	585 (675)	603 (705)	630 (756)	675 (760)	720 (806)
5" (127.0)	440 (492)	489 (547)	545 (610)	576 (668)	596 (690)	616 (724)	646 (748)	666 (748)	696 (789)	745 (809)	795 (850)
5 1/2" (139.7)	480 (538)	533 (597)	601 (673)	634 (710)	656 (735)	678 (759)	711 (796)	732 (820)	765 (857)	820 (918)	875 (980)
6" (152.4)	504 (565)	575 (644)	648 (726)	693 (765)	707 (792)	731 (818)	768 (858)	815 (884)	873 (912)	931 (976)	931 (1043)

Willmar Dual Distributors

40' PATTERN APPLICATION RATE DECAL

APPLICATION RATE LBS./ACRE (KG./HECTARE)		19498										
BASED ON 40 FT. (12.2M) DRIVING INTERVALS		MACHINE S-200/S-500 TIRE SIZE 11L-15										
LOW RANGE												
DENSITY (Lbs./Ft. ³) (kg./m ³)	GATE OPENING (mm) (720)	45	50	55	58	60	62	65	67	70	75	80
1 1/2"	(38.1)	65 (73)	73 (81)	84 (94)	91 (102)	100 (107)	112 (112)	105 (118)	109 (122)	115 (128)	124 (139)	134 (151)
2"	(50.8)	92 (103)	102 (115)	118 (133)	128 (144)	134 (150)	139 (155)	145 (163)	150 (168)	157 (176)	169 (189)	181 (203)
2 1/2"	(63.5)	118 (133)	131 (147)	151 (169)	163 (183)	170 (190)	176 (197)	185 (207)	191 (214)	199 (224)	215 (241)	231 (259)
3"	(76.2)	146 (164)	162 (182)	184 (207)	198 (222)	206 (231)	213 (239)	224 (251)	230 (258)	241 (270)	259 (291)	278 (312)
3 1/2"	(88.9)	174 (195)	193 (216)	218 (244)	233 (261)	244 (273)	252 (282)	264 (296)	272 (305)	284 (319)	305 (341)	325 (364)
4"	(101.6)	201 (226)	224 (251)	252 (282)	269 (302)	278 (312)	288 (322)	302 (338)	311 (349)	325 (364)	348 (390)	371 (416)
4 1/2"	(114.3)	229 (257)	255 (286)	286 (321)	305 (342)	313 (351)	324 (363)	339 (380)	346 (387)	361 (405)	389 (436)	418 (468)
5"	(127.0)	256 (287)	285 (319)	320 (358)	340 (381)	353 (396)	363 (432)	378 (424)	385 (436)	401 (450)	427 (479)	453 (508)
5 1/2"	(139.7)	284 (319)	316 (354)	354 (397)	378 (425)	392 (439)	400 (448)	416 (466)	426 (478)	441 (494)	464 (521)	492 (552)
6"	(152.4)	313 (351)	348 (390)	389 (436)	413 (463)	427 (479)	436 (489)	450 (505)	459 (515)	472 (529)	491 (551)	524 (587)
HIGH RANGE												
DENSITY (Lbs./Ft. ³) (kg./m ³)	GATE OPENING (mm) (720)	45	50	55	58	60	62	65	67	70	75	80
2"	(50.8)	221 (246)	246 (276)	285 (319)	309 (346)	323 (362)	336 (376)	355 (397)	367 (412)	387 (433)	419 (470)	453 (507)
2 1/2"	(63.5)	286 (320)	317 (356)	363 (407)	392 (439)	409 (459)	424 (476)	448 (502)	463 (519)	487 (546)	527 (590)	567 (636)
3"	(76.2)	353 (395)	392 (439)	443 (497)	476 (533)	495 (555)	514 (576)	541 (606)	566 (627)	588 (659)	635 (712)	683 (765)
3 1/2"	(88.9)	421 (472)	468 (525)	525 (589)	566 (628)	582 (652)	603 (676)	635 (736)	656 (712)	688 (771)	742 (832)	798 (894)
4"	(101.6)	489 (548)	544 (609)	607 (680)	645 (723)	670 (751)	693 (777)	729 (817)	753 (844)	788 (883)	849 (951)	909 (1019)
4 1/2"	(114.3)	555 (622)	617 (691)	688 (771)	730 (819)	757 (849)	783 (877)	820 (920)	846 (948)	884 (990)	947 (1061)	1010 (1132)
5"	(127.0)	617 (691)	685 (768)	764 (856)	809 (906)	836 (938)	864 (969)	906 (1016)	934 (1047)	976 (1084)	1046 (1172)	1115 (12500)
5 1/2"	(139.7)	673 (755)	748 (839)	843 (945)	889 (997)	920 (1031)	951 (1066)	997 (1117)	1027 (1152)	1073 (1203)	1150 (1289)	1227 (1375)
6"	(152.4)	707 (793)	806 (904)	909 (1019)	959 (1074)	992 (1112)	1025 (1149)	1074 (1204)	1107 (1241)	1143 (1281)	1224 (1372)	1306 (1464)

APPLICATION RATE LBS./ACRE (KG./HECTARE)		19501										
BASED ON 40 FT. (12.2M) DRIVING INTERVALS		MACHINE S-200/S-500 TIRE SIZE 12.5L-15										
LOW RANGE												
DENSITY (lbs./ft. ³) (kg./m ³)	GATE OPENING (mm) (720)	45	50	55	58	60	62	65	67	70	75	80
1 1/2"	(38.1)	63 (70)	70 (78)	81 (91)	88 (98)	92 (103)	96 (107)	101 (113)	105 (117)	108 (123)	110 (134)	119 (145)
2"	(50.8)	89 (99)	98 (110)	114 (127)	123 (138)	133 (144)	140 (149)	144 (157)	151 (161)	162 (169)	174 (182)	174 (195)
2 1/2"	(63.5)	114 (127)	126 (141)	145 (162)	156 (175)	163 (183)	169 (199)	178 (206)	183 (215)	192 (231)	207 (248)	222 (248)
3"	(76.2)	140 (157)	156 (175)	177 (199)	190 (214)	198 (222)	205 (230)	215 (241)	221 (248)	231 (259)	249 (279)	267 (300)
3 1/2"	(88.9)	167 (187)	185 (208)	209 (235)	224 (251)	234 (262)	242 (271)	254 (284)	261 (293)	273 (306)	293 (328)	312 (350)
4"	(101.6)	194 (217)	215 (241)	242 (271)	259 (290)	267 (301)	276 (325)	290 (335)	299 (350)	312 (375)	334 (375)	357 (400)
4 1/2"	(114.3)	220 (247)	245 (274)	275 (308)	293 (329)	301 (337)	311 (349)	326 (365)	332 (372)	347 (389)	374 (419)	401 (450)
5"	(127.0)	246 (276)	274 (307)	307 (344)	327 (367)	339 (380)	349 (391)	363 (407)	373 (418)	385 (421)	411 (460)	435 (488)
5 1/2"	(139.7)	273 (306)	304 (340)	340 (381)	364 (408)	375 (420)	385 (431)	400 (448)	410 (475)	424 (500)	446 (530)	473 (530)
6"	(152.4)	301 (337)	334 (375)	374 (419)	397 (445)	411 (460)	419 (485)	433 (494)	441 (494)	453 (508)	472 (529)	516 (578)
HIGH RANGE												
DENSITY (lbs./ft. ³) (kg./m ³)	GATE OPENING (mm) (720)	45	50	55	58	60	62	65	67	70	75	80
2"	(50.8)	213 (238)	236 (265)	273 (306)	297 (332)	311 (348)	323 (362)	341 (396)	353 (416)	371 (451)	403 (487)	435 (517)
2 1/2"	(63.5)	274 (308)	305 (342)	349 (391)	376 (422)	393 (422)	408 (457)	430 (482)	445 (524)	468 (567)	506 (597)	545 (611)
3"	(76.2)	339 (380)	377 (422)	426 (478)	457 (512)	476 (533)	492 (553)	520 (583)	538 (603)	565 (633)	610 (684)	656 (735)
3 1/2"	(88.9)	405 (454)	450 (504)	504 (565)	538 (603)	559 (627)	578 (649)	610 (684)	630 (707)	661 (741)	713 (800)	766 (859)
4"	(101.6)	470 (527)	522 (585)	583 (653)	620 (695)	644 (727)	666 (746)	666 (785)	701 (810)	723 (849)	757 (914)	815 (979)
4 1/2"	(114.3)	533 (598)	593 (664)	661 (740)	702 (786)	728 (843)	752 (911)	788 (911)	813 (951)	849 (1019)	910 (1087)	970 (1132)
5"	(127.0)	593 (664)	658 (738)	734 (823)	777 (901)	804 (931)	830 (976)	871 (1006)	897 (1051)	938 (1126)	1005 (1201)	1071 (1201)
5 1/2"	(139.7)	647 (724)	719 (806)	810 (898)	855 (958)	884 (991)	913 (1024)	958 (1073)	987 (1106)	1031 (1156)	1105 (1239)	1179 (1321)
6"	(152.4)	680 (762)	775 (868)	873 (979)	951 (1032)	953 (1068)	984 (1103)	1032 (1167)	1064 (1231)	1098 (1231)	1176 (1319)	1255 (1406)

APPLICATION RATE LBS./ACRE (KG./HECTARE)		19503										
BASED ON 40 FT. (12.2M) DRIVING INTERVALS		MACHINE S-600/S-800 TIRE SIZE 16.5L-16.1 / 19L-16.1										
LOW RANGE												
DENSITY (lbs./ft. ³) (kg./m ³)	GATE OPENING (mm) (720)	45	50	55	58	60	62	65	67	70	75	80
1 1/2"	(38.1)	65 (72)	72 (80)	83 (90)	90 (95)	95 (106)	98 (110)	104 (116)	108 (121)	113 (127)	123 (138)	133 (149)
2"	(50.8)	91 (102)	101 (113)	117 (131)	127 (142)	132 (148)	137 (153)	144 (161)	148 (166)	155 (174)	167 (187)	179 (201)
2 1/2"	(63.5)	117 (131)	129 (145)	149 (167)	161 (180)	168 (188)	173 (194)	183 (205)	197 (211)	212 (221)	228 (238)	228 (255)
3"	(76.2)	144 (162)	160 (180)	182 (200)	196 (220)	204 (229)	211 (236)	228 (248)	236 (257)	256 (276)	275 (297)	275 (308)
3 1/2"	(88.9)	172 (192)	191 (214)	215 (241)	230 (258)	241 (270)	249 (279)	261 (292)	268 (301)	281 (315)	301 (337)	321 (360)
4"	(101.6)	199 (223)	221 (248)	249 (279)	266 (298)	275 (308)	284 (319)	307 (344)	321 (360)	344 (385)	367 (411)	413 (462)
4 1/2"	(114.3)	227 (252)	252 (282)	281 (317)	306 (338)	320 (358)	335 (378)	342 (387)	357 (400)	386 (440)	422 (474)	448 (492)
5"	(127.0)	253 (284)	281 (316)	336 (354)	349 (377)	349 (401)	359 (421)	374 (449)	384 (480)	396 (493)	422 (473)	448 (473)
5 1/2"	(139.7)	281 (315)	310 (350)	374 (392)	386 (419)	395 (443)	411 (461)	421 (472)	436 (488)	459 (514)	487 (545)	487 (545)
6"	(152.4)	309 (347)	344 (385)	384 (431)	408 (468)	422 (494)	431 (489)	445 (509)	454 (522)	466 (544)	485 (580)	518 (580)

Willmar Dual Distributors



40' PATTERN LOW RATE DECAL

APPLICATION RATE LBS./ACRELOW RATE KIT (KG./HECTARE) BASED ON 40 FT. (12.2M) DRIVING INTERVALS										MACHINE S-200/500 TIRE SIZE 11L-15															
LOW RATE KIT										19499															
DENSITY	(lbs./ft. ³)	45	50	55	58	60	62	65	67	70	75	80	DENSITY	(lbs./ft. ³)	45	50	55	58	60	62	65	67	70	75	80
GATE OPENING	(mm)	(720)	(800)	(880)	(930)	(960)	(993)	(1040)	(1073)	(1120)	(1200)	(1280)	GATE OPENING	(mm)	(720)	(800)	(880)	(930)	(960)	(1040)	(1073)	(1120)	(1200)	(1280)	
1 1/2"	(38.1)	39	43	50	54	57	59	62	65	68	74	80	1 1/2"	(38.1)	38	42	49	53	55	57	61	63	66	72	77
	(44)	(49)	(57)	(61)	(65)	(67)	(71)	(73)	(77)	(84)	(89)	(90)		(42)	(47)	(54)	(59)	(62)	(64)	(68)	(70)	(74)	(80)	(87)	
2"	(50.8)	55	61	71	77	80	83	87	90	94	101	105	2 1/2"	(63.5)	53	59	68	74	77	80	84	86	90	97	104
	(62)	(69)	(80)	(86)	(90)	(93)	(98)	(101)	(105)	(114)	(120)	(122)		(60)	(66)	(76)	(83)	(87)	(90)	(94)	(97)	(101)	(109)	(117)	
2 1/2"	(63.5)	71	79	90	98	102	105	111	115	120	129	138	3"	(76.2)	76	87	94	98	101	107	110115	124	133	140	149
	(80)	(88)	(101)	(110)	(114)	(118)	(124)	(128)	(134)	(145)	(155)	(167)		(98)	(105)	(113)	(120)	(123)	(129)	(139)	(149)	(157)	(168)	(180)	
3"	(76.2)	88	97	111	119	124	128	134	138	144	156	167	3 1/2"	(88.9)	84	94	106	114	119	123	129	133	139	150	160
	(98)	(109)	(124)	(133)	(139)	(143)	(150)	(155)	(162)	(174)	(187)	(197)		(94)	(105)	(119)	(128)	(133)	(144)	(149)	(156)	(168)	(178)	(180)	
3 1/2"	(88.9)	104	116	131	140	146	151	158	163	171	183	195	4"	(101.6)	121	134	151	161	167	173	181	187	195	206	223
	(117)	(130)	(146)	(157)	(164)	(169)	(177)	(183)	(191)	(205)	(216)	(216)		(101.6)	(112)	(125)	(141)	(151)	(157)	(163)	(171)	(176)	(184)	(197)	(210)
4"	(101.6)	121	134	151	161	167	173	181	187	195	206	223	4 1/2"	(114.3)	137	153	172	183	188	194	204	208	217	234	251
	(135)	(151)	(169)	(181)	(187)	(193)	(203)	(210)	(218)	(234)	(243)	(250)		(154)	(171)	(192)	(205)	(211)	(216)	(220)	(228)	(234)	(242)	(251)	(261)
4 1/2"	(114.3)	137	153	172	183	188	194	204	208	217	234	251	5"	(127.0)	154	171	192	204	212	218	227	233	241	256	272
	(154)	(171)	(192)	(205)	(211)	(218)	(228)	(238)	(244)	(254)	(261)	(270)		(170)	(191)	(213)	(238)	(255)	(263)	(269)	(280)	(287)	(296)	(312)	(331)
5 1/2"	(139.7)	170	190	218	227	235	240	250	256	264	279	295	6"	(152.4)	188	209	233	248	256	262	270	276	283	295	314
	(191)	(213)	(238)	(255)	(263)	(270)	(278)	(287)	(294)	(303)	(309)	(327)		(211)	(234)	(262)	(278)	(287)	(294)	(303)	(317)	(327)	(347)	(352)	

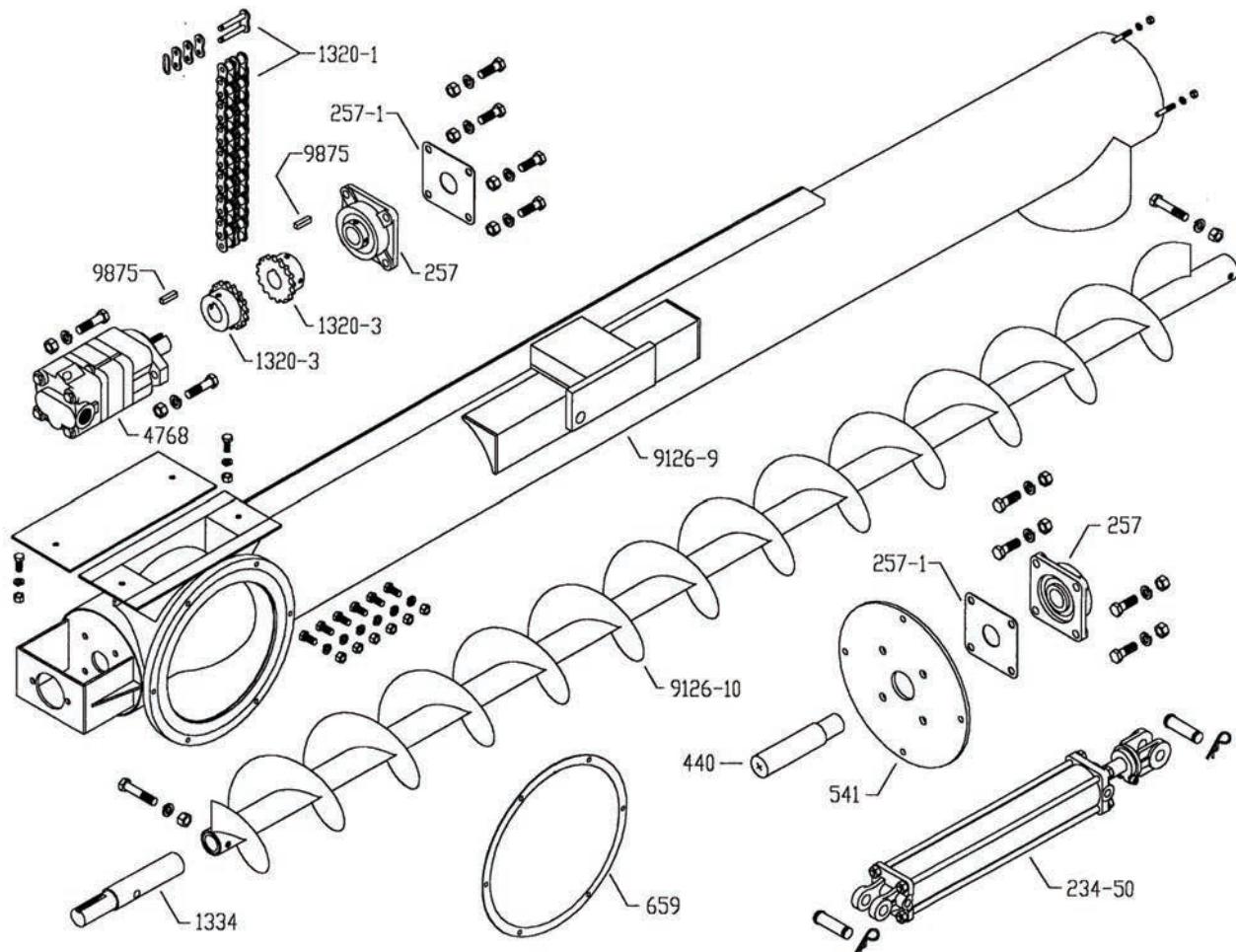
APPLICATION RATE LBS./ACRELOW RATE KIT (KG./HECTARE) BASED ON 40 FT. (12.2M) DRIVING INTERVALS										MACHINE S-200/500 TIRE SIZE 12.5L-15															
LOW RATE KIT										19500															
DENSITY	(lbs./ft. ³)	45	50	55	58	60	62	65	67	70	75	80	DENSITY	(lbs./ft. ³)	45	50	55	58	60	62	65	67	70	75	80
GATE OPENING	(mm)	(720)	(800)	(880)	(930)	(960)	(993)	(1040)	(1073)	(1120)	(1200)	(1280)	GATE OPENING	(mm)	(720)	(800)	(880)	(930)	(960)	(1040)	(1073)	(1120)	(1200)	(1280)	
1 1/2"	(38.1)	38	42	49	53	55	57	61	63	66	72	77	2 1/2"	(63.5)	53	59	68	74	77	80	84	86	90	97	104
	(42)	(47)	(54)	(59)	(62)	(64)	(67)	(72)	(76)	(80)	(84)	(89)		(60)	(66)	(76)	(83)	(87)	(90)	(94)	(97)	(101)	(109)	(117)	
2"	(50.8)	53	59	68	74	77	80	84	86	90	97	104	3"	(76.2)	84	94	106	114	119	123	129	133	139	150	160
	(60)	(66)	(76)	(83)	(87)	(90)	(97)	(105)	(110)	(113)	(120)	(122)		(94)	(105)	(119)	(128)	(133)	(144)	(149)	(156)	(168)	(178)	(180)	
2 1/2"	(63.5)	68	76	87	94	98	101	107	110115	124	133	140	4"	(101.6)	116	129	145	151	152	157	164	176	187	197	210
	(76)	(85)	(97)	(105)	(110)	(113)	(120)	(127)	(131)	(139)	(146)	(153)		(112)	(125)	(141)	(151)	(157)	(163)	(171)	(176)	(186)	(197)	(210)	
3 1/2"	(88.9)	100	111	126	134	140	145	152	157	164	171	181	4 1/2"	(114.3)	132	147	165	176	181	187	196	199	206	224	241
	(100)	(112)	(125)	(141)	(151)	(157)	(163)	(174)	(180)	(196)	(206)	(216)		(148)	(165)	(185)	(197)	(202)	(209)	(219)	(223)	(233)	(251)	(270)	
4"	(101.6)	116	129	145	155	160	166	174	179	187	196	206	5"	(127.0)	148	164	184	196	204	209	218	224	231	246	261
	(125)	(145)	(154)	(165)	(174)	(180)	(186)	(196)	(205)	(216)	(226)	(236)		(191)	(210)	(224)	(245)	(252)	(259)	(269)	(276)	(285)	(300)	(318)	
5 1/2"	(139.7)	164	182	204	218	225	231	240	246	251	260	268	6"	(152.4)	181	201	224	238	246	252	260	265	272	283	310
	(170)	(184)	(204)	(229)	(245)	(252)	(259)	(277)	(287)	(302)	(316)	(327)		(208)	(225)	(251)	(267)	(276)	(282)	(291)	(305)	(317)	(347)	(352)	

GATE OPENING	LOW RANGE 13 TO 40 SPROCKETS					HIGH RANGE 24 TO 30 SPROCKETS				
	BUSHELS/ACRE					BUSHELS/ACRE				
1 1/2"							1.31			3.22
2"							1.74			4.34
2 1/2"							2.19			5.32
3"							2.64			6.55
3 1/2"							3.08			7.66
4"							3.54			8.76
4 1/2"							3.96			9.87
5"							4.42			11.00
5 1/2"							4.86			12.10
6"							5.31			13.22

NOTE: Above bushels/acre figures are based on cubic feet of product per acre multiplied by .8

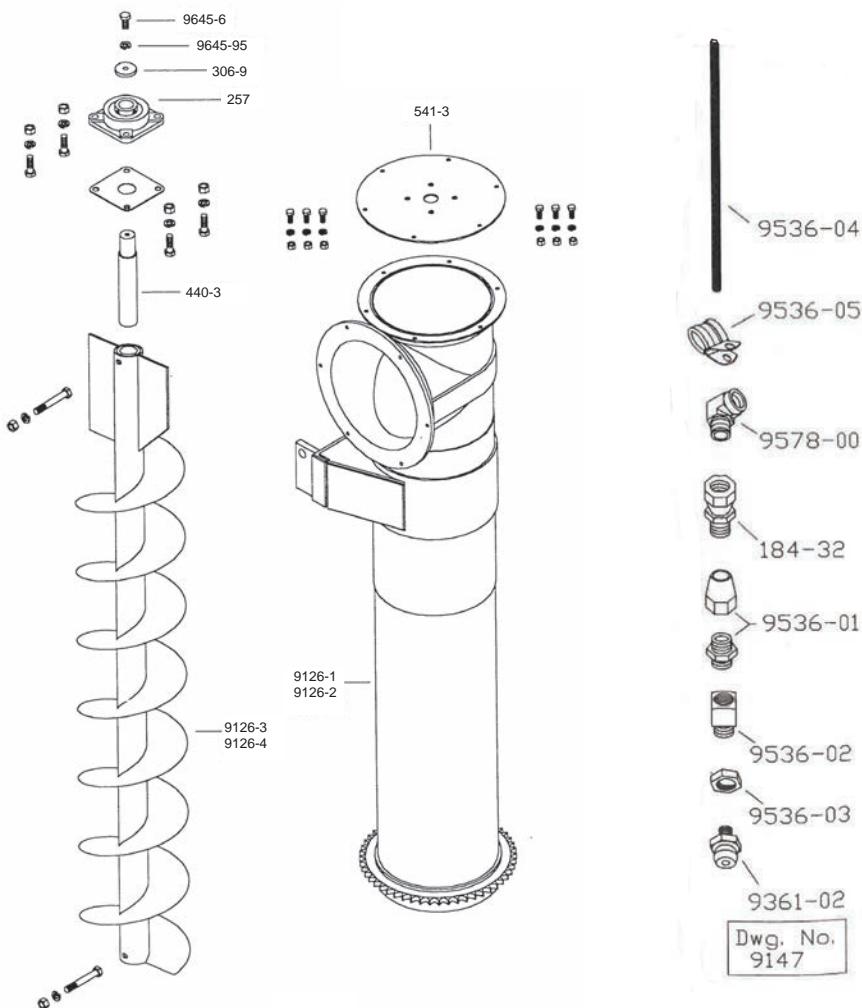


Flow-Max Delivery Auger



Part #	Item Description
234-50	Hydraulic cylinder for power raise (3 1/2' x 20') (two 1/2' NPT ports)
257	1 1/4' flange bearing (four bolt mounting)
257-1	Shield for #257 bearing
440	Tail shaft for delivery auger (7' long)
541	Round bolt on end plate for delivery auger
659	Gasket between cast rings on delivery auger and vertical auger
1320-1	Replacement chain for #1320-3 16T40 chain coupler (includes connector link)
1320-2	16T40 x 1 1/4' sprocket for chain coupler
1334	Drive shaft for delivery auger (8 3/4' long)
4768	Hydraulic motor for delivery auger (two 1 1/6" O-ring ports)
4772-51	Seal kit for #4768 hydraulic deliver auger motor (not shown) Note: Simonsen part #4772-51 seal kit is for Simonsen part #4766 or #4768 Char-Lynn hydraulic motors with Char-Lynn series #006. The series number is printed on each Char-Lynn hydraulic motor identification tag. It is necessary to have this series number when ordering a seal kit. The series of this motor being made by Char-Lynn is #006.
9126-9	Delivery auger tube assembly (NOTE: to order state location of delivery auger left or right side, state location of incline auger rear or front, and state length of original auger tube (stainless steel tube))
9126-10	Delivery auger flighting assembly (State length needed (stainless steel flighting) (less drive shaft and tail shaft))
9875	5/16' square key (STATE length needed) (motor and sprocket 1 1/4' long) ... (auger drive shaft and sprocket 1 1/4' long)

Flow-Max Incline Auger, Top Section



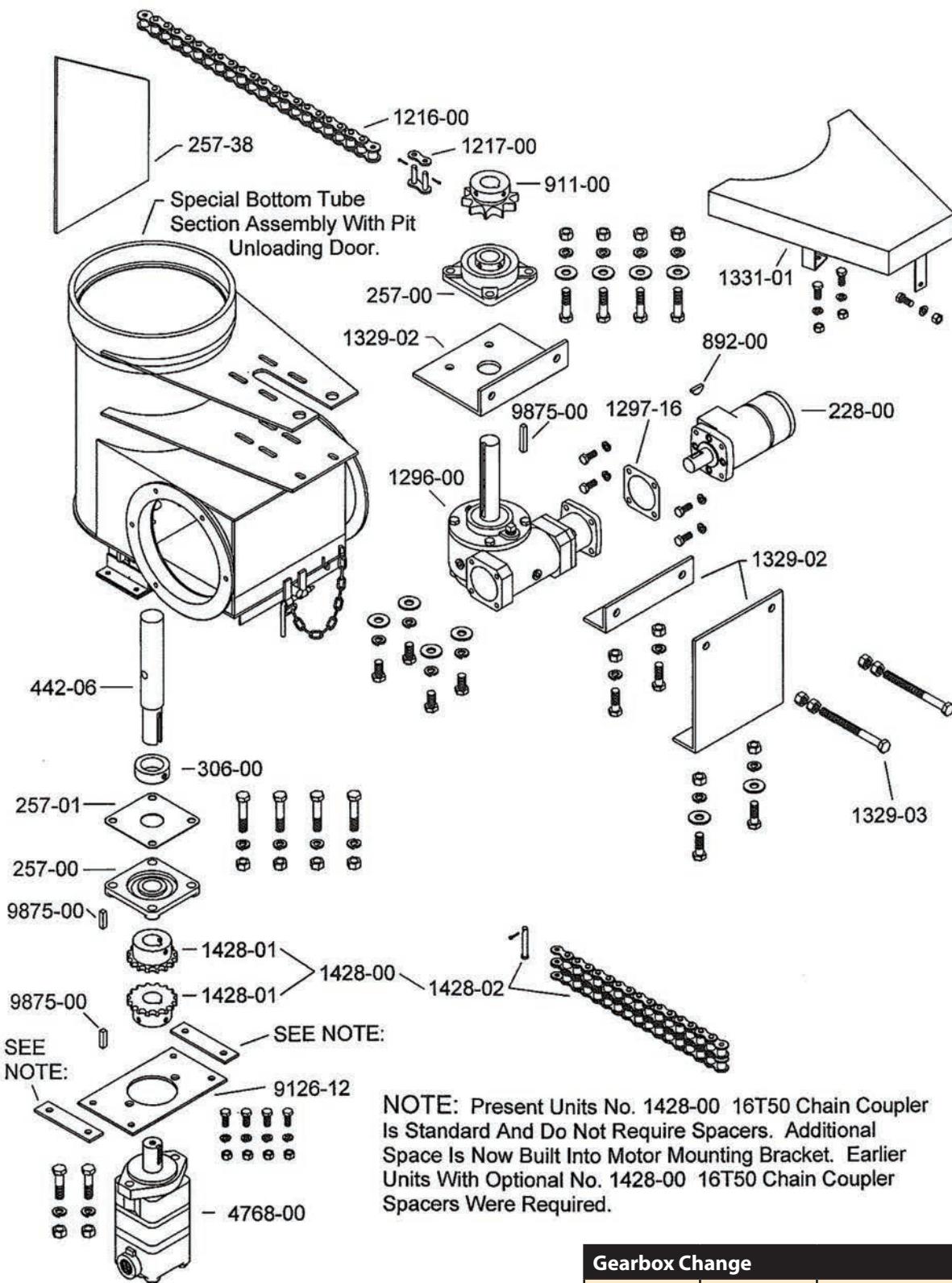
Grease Bank

Part #	Item Description
184-32	1/8" (M) NPT x 1/8" (F) NPT Swivel Hydraulic Union
9361-02	Grease Fitting 1/4 - 28 Straight
9536-01	1/8" Straight Tube Connector for 1/4" Tubing
9536-02	1/8" Straight Bulkhead Connector
9536-03	1/8" Thread Lock Nut for Bulkhead Connector
9536-04	1/4" Nylon Coil Tubing
9536-05	1/2" Steel Tube Clamp
9578-00	1/8" NPT 90 Degree Street Elbow

Dwg. No.
9147

Part #	Item Description
257	1 1/4" flange bearing (four bolt mounting)
257-1	Shield for #257 bearing
306-9	Slug Washer (1/4" thick x 13/32" I.D. x 1 3/4" O.D.)
440-3	Tail shaft for vertical auger (8 3/4")
541-3	Round bolt on end plate for top of vertical auger
9126-1	Top tube section standard assembly 90' long located in rear with delivery auger on left side (NOTE: other than standard, state location of incline auger, rear or front, with delivery on left or right side and length needed) (stainless steel tube)
9126-2	Top tube section standard assembly 96' long located in rear with delivery auger on left side (NOTE: other than standard, state location of incline auger, rear or front, with delivery on left or right side and length needed) (stainless steel tube)
9126-3	Incline auger flighting standard assembly 108 1/2' long (NOTE: other than standard, state length) (stainless steel flighting) (less drive shaft and tail shaft)
9126-4	Incline auger flighting standard assembly 114 1/2' long (NOTE: other than standard, state length) (stainless steel flighting) (less drive shaft and tail shaft)
9645-6.1	Bolt (3/8" UNC x 1 1/4" x grade 5)
9645-95	Lock washer (3/8")

Flow-Max Incline Auger, Bottom Section



Gearbox Change

Old	New	Description
1296-00	1296-01	Gearbox for Power Turn
NA	1296-02	Will need for Conversion

Flow-Max Incline Auger, Bottom Section

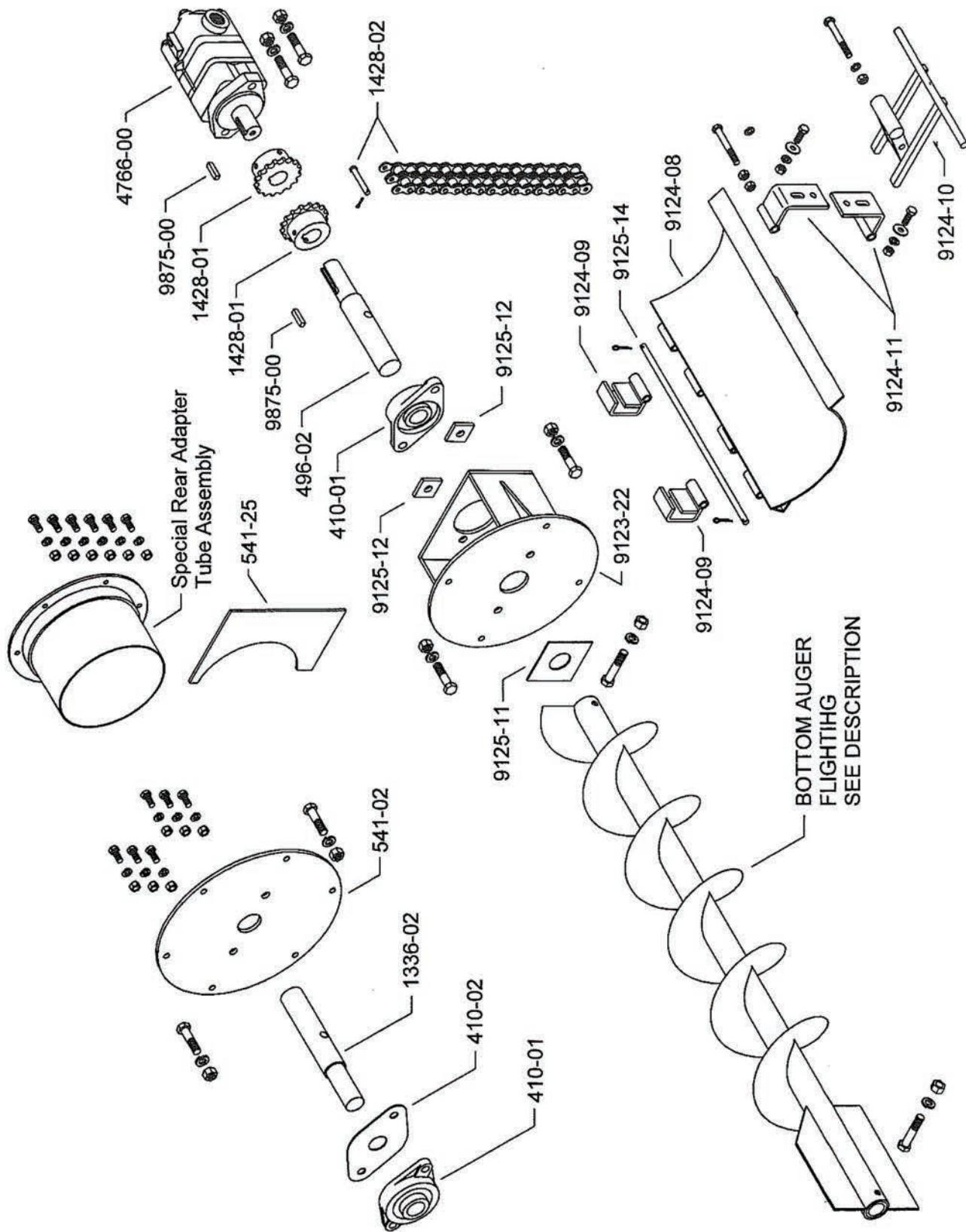


Part #	Item Description
228-00	Hydraulic Motor For Power Turn (Two 1/2" Ports)
257-00	1-1/4" Flange Bearing (Four Bolt Mounting)
257-01	Shield With 1-1/2" Dia. Center Hole For No. 257-00 Bearing (Dwg. No. 5178)
257-38	Front Support Gusset. Fabrication Is Required To Assemble This Part To The Special Incline Auger Bottom Tube Section Assembly And The Frame Of The BFT-TA Tender.
306-00	1-1/2" Dia. Set Collar
442-06	Drive Shaft For Vertical Auger 10-1/8" Long (Dwg. No. 7425)
892-00	Woodruff Key No. 15 1/4" X 1"
911-00	Sprocket 10T80-1-1/4"
1216-00	No. 80 Stainless Steel Roller Chain (length Used 61 Pitches 61" Long) (State Length Needed)
1217-00	Connector Link For No. 80 Stainless Steel Roller Chain
1296-00	Gearbox For Power Turn (See Page 28)
1297-16	Gasket Between No. 1296-00 Gearbox And No. 228-00 Hydraulic Motor
1329-02	Take-Up Bracket Assembly For Tighting Power Turn Roller Chain (Dwg. No. 5180)
1329-03	Take-Up Bolt 1/2" X 5-1/2" Long With 4" Of Threads
1331-01	Shield For Power Turn (Dwg. No. 5195)
1428-00	16T50 Chain Coupler (Complete) (Includes Two No. 1428-01 And One No. 1428-02)
1428-01	16T50 X 1-1/4" Sprocket For Chain Coupler
1428-02	Replacement Chain For No. 1428-00 16T50 Chain Coupler (Includes Connector Link)
4768-00	Hydraulic Motor For Bottom Auger (Two 1-1/16" O-Ring Ports)
9126-12	Motor Mounting Plate For Incline Auger (Dwg. No. 5581)
9875-00	5/16" Square Key (State Length Needed) (Motor And Sprocket 1-1/4" Long) (Auger Drive Shaft And Sprocket 1-1/4" Long) (Power Turn Shaft And Sprocket 1-3/4" long)
9126-15	Incline Auger Bottom Tube Section Assembly With Pit Unloading Door (Stainless Steel Tube). Fabrication Is Required To Assembly This Part To The No. 257-38 Front Support Gusset And The Special Rear Adapter Tube Assembly Of The Bottom Auger

NOTE:

Present Units No. 1428-00 16T50 Chain Coupler Is Standard And Do Not Require Spacers. Additional Space Is Now Built Into The Motor Mounting Bracket. Earlier Units With Optional No. 1428-00 16T50 Chain Coupler No. 257-38 Spacers Were Required. (Starting With Serial No. 7082295 No. 1428-00 Chain Coupler Standard on Incline Auger) (Dwg. No. 8097)

Flow-Max Bottom Auger

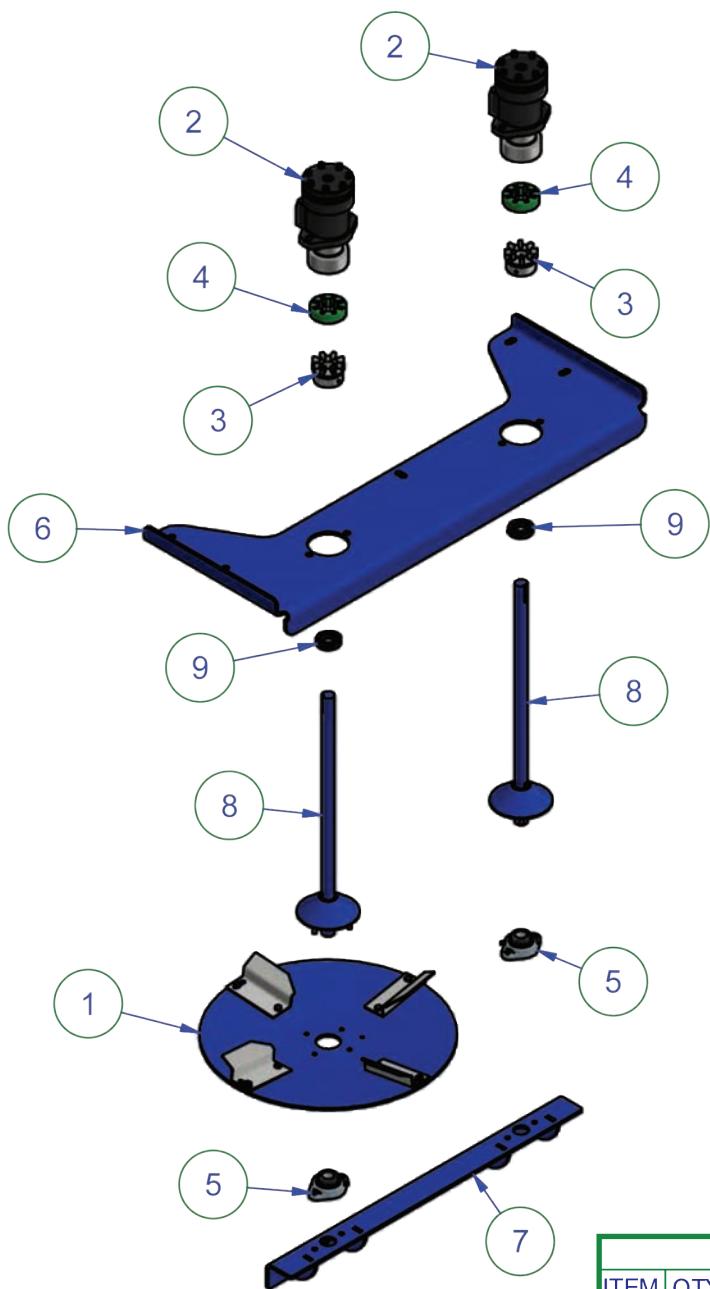


Flow-Max Bottom Auger



Part #	Item Description
410-01	1-1/4" Flange Bearing (Two Bolt Mounting)
410-02	Shield With 1-1/4" Dia. Center Hole For NO. 410-01 Bearing (Dwg. No. 5153)
496-02	Drive Shaft For Bottom Auger (9-3/8" Long) (Same As Part No. 9125-13) (Dwg. No. 3929)
541-02	Round Bolt On Endplate For Rear Of Floor Auger (Dwg. No. 5151)
541-25	Rear Support Gusset. Fabrication Required To Assemble This Part To The Special Rear ...
Tender.	Incline Auger Bottom Tube Section Assembly With Pit Unloading Door and to the Frame of the BFT-TA
1336-02	Tail Shaft For Bottom Auger (10" Long) (Dwg. No. 5152)
1428-00	16T50 Chain Coupler (Complete) (Includes Two No. 1428-01 And One No. 1428-02)
1428-01	16T50 X 1-1/4" Sprocket For Chain Coupler
1428-02	Replacement Chain For No. 1428-00 16T50 Chain Coupler (Includes Connectot Pin)
4766-00	Hydraulic Motor For Bottom Auger (Two 1-1/16" O-Ring Ports)
9123-22	Endplate And Motor Mounting Bracket Assembly For Bottom Auger (Dwg. 7925)
9124-08	Pit Dump Gate (stainless steel) (Includes All Welded On Parts) (Dwg. 5431)
9124-09	Sliding Half Of Hinge For Pit Dump Gate (One Sliding Half Only) (Dwg. 6266)
9124-10	Latch For Pit Dump Gate (Dwg. 4826)
9124-11	Linkage Between Pit Dump Gate And Latch (Includes Two Adjustable Halves),
9125-11	Two 3/8" X 1-1/4" Bolt, Flat Washers, Lock Washers And Nuts) (Dwg. 4566)
	Fill In Around #9125-13 Bottom Auger Drive Shaft
	(14 Gage Stainless Steel X 3-1/2" X 3-1/2" With 1-1/2" Dia. Hole) (Dwg. No. 4668)
9125-12	Spacer Between #410-01 Bearing And #9123-22 Mounting Bracket (Two Req'd)
	(1/4" x 1-1/2" FlatX 1-1/2" Long With 17/32" Hole)
9125-14	Hinge Pin For Dump Gate (3/8" Dia. Stainless Steel X 16-3/8") (Includes Two 3/16" X 1" Cotter Pins)
	Bottom Auger Flighting (Less Drive Shaft)
	(Spiral Is 9" Dia., Full Pitch, 7 Gage Stainless Steel, Right Hand)
9126-05	Flighting BFT5316 Bottom Auger (Stainless Steel) (15'-1") (Dwg. No. 5118)
9126-13	Flighting BFT5716 Bottom Auger (Stainless Steel) (16'-5") (Dwg. No. 5118)
9126-06	Flighting BFT6318 Bottom Auger (Stainless Steel) (18'-1") (Dwg. No. 5118)
9126-00	Flighting BFT7621 Bottom Auger (Stainless Steel) (21'-9") (Dwg. No. 5118)
9126-07	Flighting BFT8024 Bottom Auger (Stainless Steel) (21'-1") (Dwg. No. 5118)
9126-08	Flighting BFT8424 Bottom Auger (Stainless Steel) (24'-1") (Dwg. No. 5118)
Special	Bottom Auger Flighting
	NOTE: To Order STATE Length Of Original Bottom Auger Flighting
	Length Of Auger Flighting
	Long
9488-51	Floor Auger ext. Adapter Tube Assembly (Stainless Steel Tube) ...
	Fabrication is required to assemble this part to the incline auger bottom tube section with pit unloading door and to the floor auger.
9875-00	Square Key for drive shaft and sprocket or sprocket and motor shaft (5-16" x 1-1/4" long)

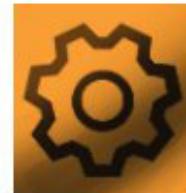
Doyle 8 Ton Fertilizer Spreader



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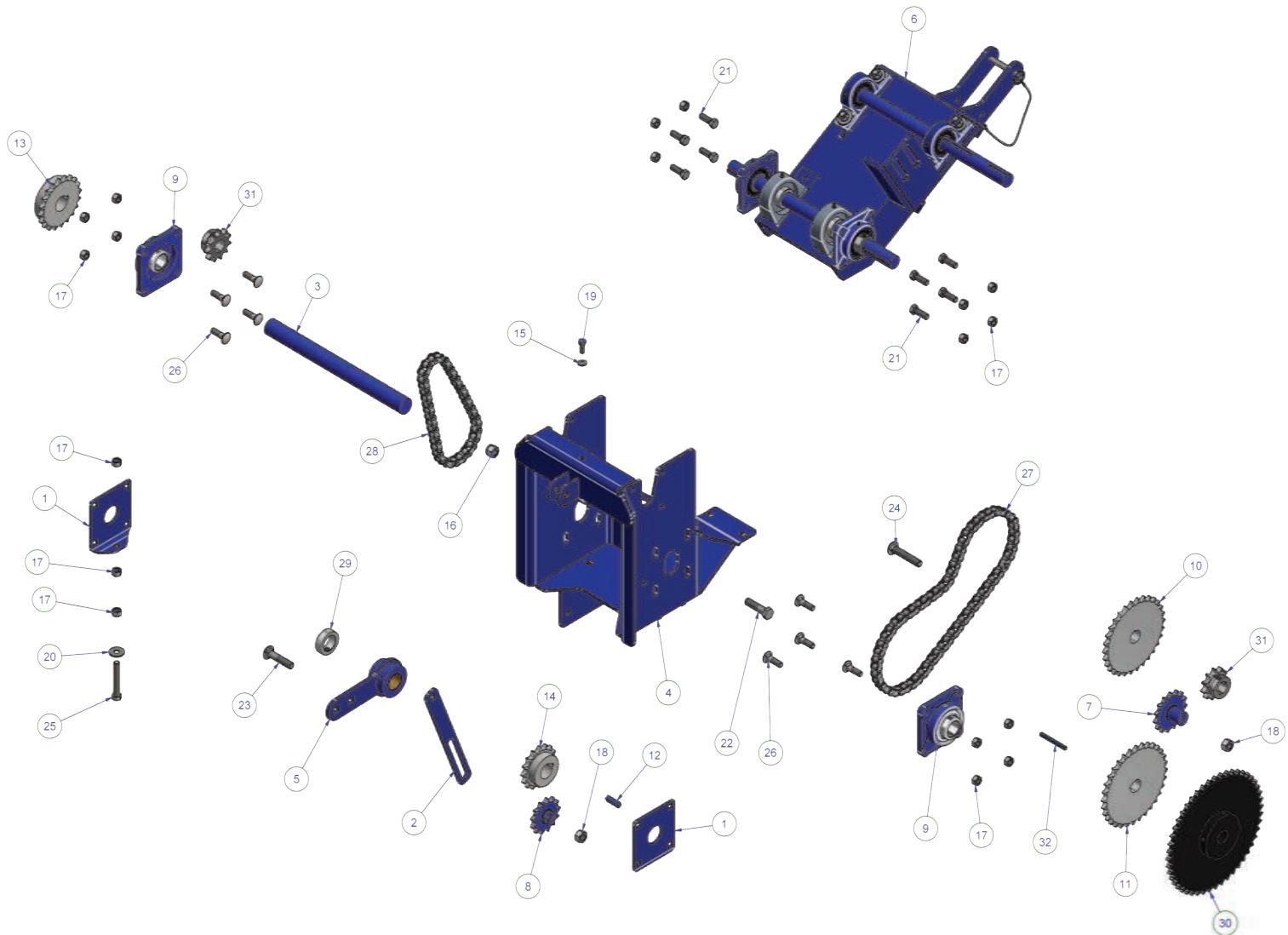
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Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GWDPTO-911	SPINNER DISH ASSEMBLY, LH - 20-7/16" DIA
2	2	GWDPTO-970	SPINNER MOTOR ASSEMBLY
3	2	RC12	COUPLER, 1"
4	2	RC13	COUPLER INSERT
5	2	RC21	BEARING, 1", TWO BOLT FLANGE - w/ KEEPER
6	1	RFS-215	MOTOR MOUNT PLATE - 20-5/16" SPINNERS
7	1	RFS-741	20" SPINNER ANGLE WELDMENT
8	2	RFS-975	SPINNER DISH SHAFT ASSEMBLY - FERT, 50 FT
9	2	RPP-9006	SPLIT COLLAR - 1-1/4"

Doyle 8 Ton Fertilizer Spreader

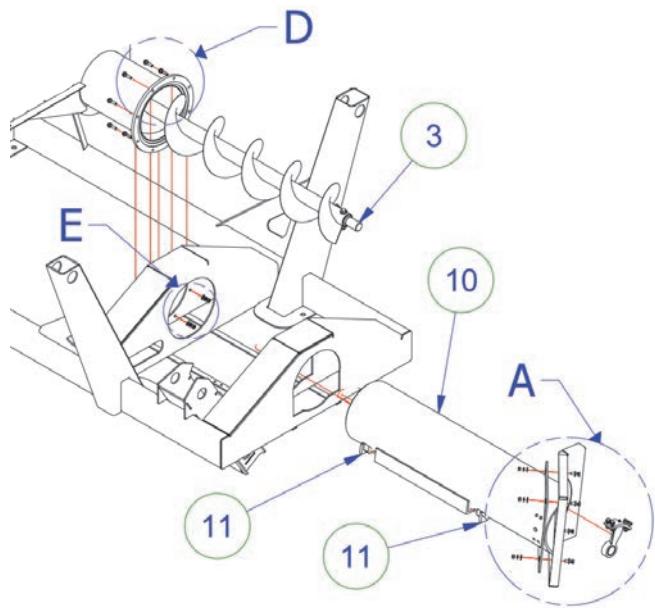
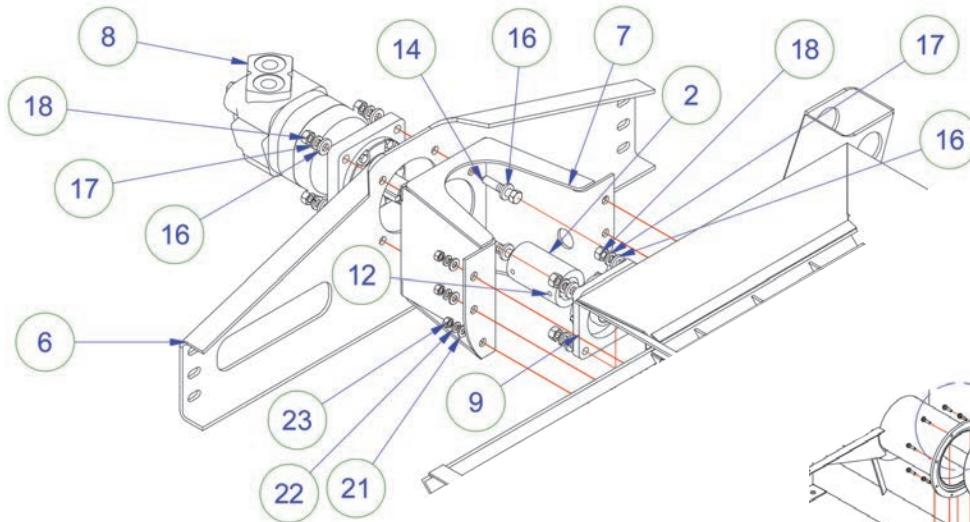


Parts List

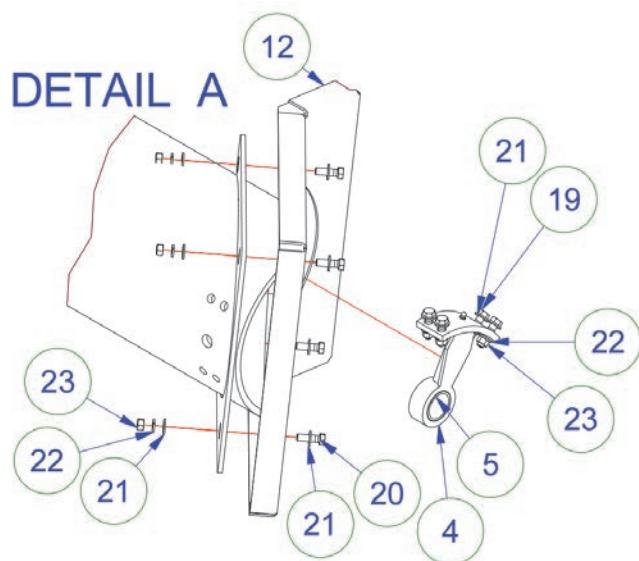
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	RC-176	BEARING TENSIONER, PLATE
2	1	RC-185	POWER FRAME, TENSION LINK
3	1	RC-192	POWER FRAME, LOWER SHAFT
4	1	RC-715	POWER FRAME WELDMENT
5	1	RC-718	CHAIN DRIVE TENSION WELDMENT
6	1	RC-940	POWER FRAME WHEEL MOUNT ASSEMBLY
7	1	RC-990	SPACED IDELER SPROCKET - 15 TOOTH
8	1	RC-991	SPACED IDLER SPROCKET - 13 TOOTH
9	2	RC23	BEARING, 4 BOLT FLANGE - 1-1/2"
10	1	RC27	SPROCKET, 30 TOOTH 60 SERIES, 1-1/4" BORE
11	1	RC28	SPROCKET, 32 TOOTH 60 SERIES, 1-1/4" BORE
12	1	RFS-335	3/8" x 3/8" x 1-1/2" KEY - MS
13	1	RFS629	SPROCKET, 20 TOOTH 60 SERIES, 1-1/2" BORE
14	1	RFS639	SPROCKET, 16 TOOTH 60 SERIES, 1-1/2" BORE
15	1	RHD113	3/8" FLAT WASHER - SS
16	1	RHD12	NUT, 5/8" NYLOCK - MS
17	19	RHD130	HEX NUT, 1/2" - MS
18	2	RHD132	5/8" HEX NUT - MS

19	1	RHD2	3/8" X 1" HEX BOLT - SS
20	2	RHD607	1/2" FLAT WASHER - MS
21	8	RHD612	1/2" X 1-1/2" HEX BOLT - MS
22	1	RHD632	BOLT, HEX, 5/8" X 2" - MS
23	1	RHD633	CARRIAGE BOLT, 5/8" X 3" - MS
24	1	RHD634	CARRIAGE BOLT, 5/8" X 3-1/2" - MS
25	1	RHD635	BOLT, HEX, 1/2" x 3-1/2", GRADE 8 - MS
26	8	RHD7	CARRIAGE BOLT, 1/2" X 1-3/4"
27	1	RPP-3001-64	HI / LOW CHAIN - 8 TON COMBO & FERT - SS
28	1	RPP-3004-39	POWER FRAME CHAIN - 8 TON FERT - ARMOR COAT
29	1	RPP-50	COLLAR, SET, 1-1/2" - MS
30	1	RVM-48-011A	SPROCKET, 48 TOOTH 60 SERIES, 1-1/4" BORE
31	2	RVM-48-09	SPROCKET, 60BS11T x 1-1/4" BORE
32	1	RVM-48-39	1/4" X 1/4" X 3-1/8" KEY - MS

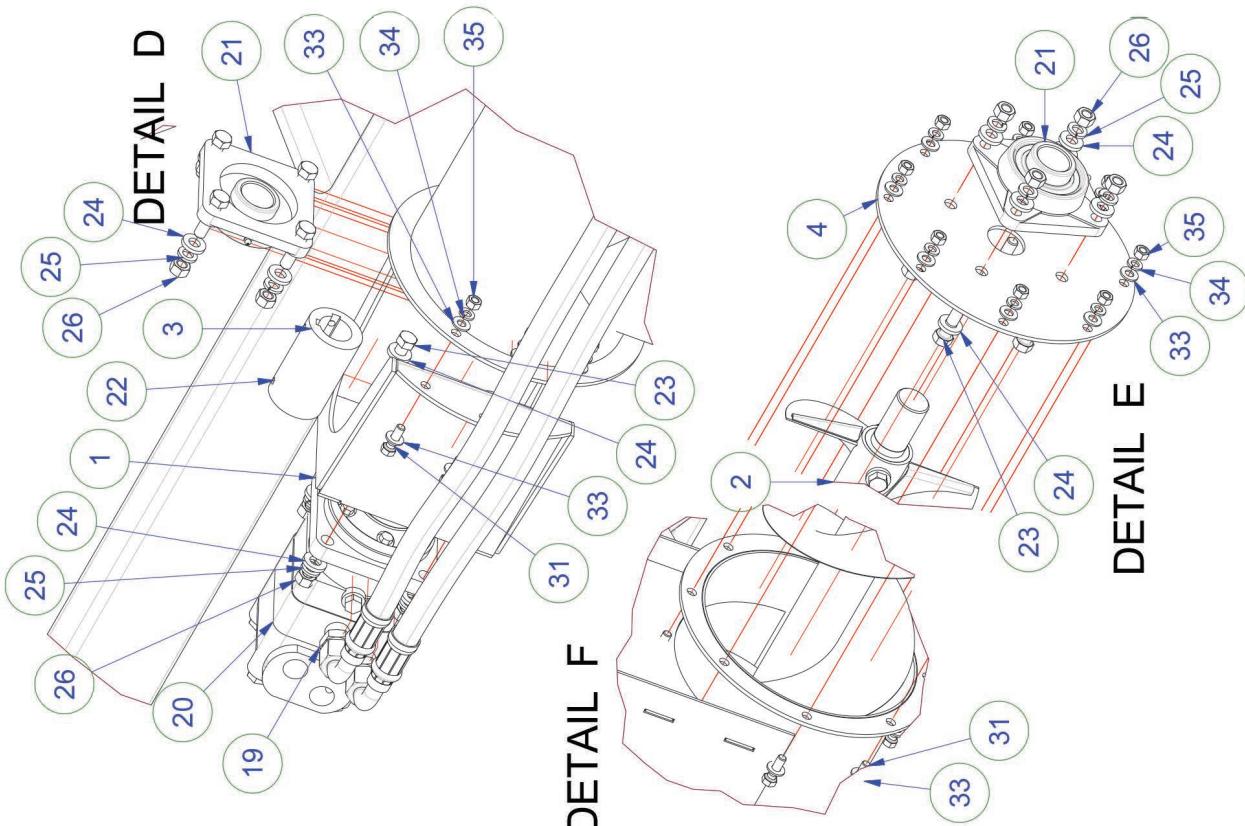
Doyle 24 Ton Tender



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	55-711	BELLY AUGER WELDMENT
2	1	55-034	AUGER MOUNT SHAFT, COLLAR
3	1	52-800-026	24 TON BELLY AUGER
4	1	TT131	AUGER BRACKET
5	1	TT131B	AUGER BRACKET BUSHING
6	1	55-026	FRONT BELLY AUGER SUPPORT
7	1	55-707	MOTOR MOUNT BELLY AUGER WELDMENT
8	1	TT109	MOTOR, BELLY AUGER
9	1	TT108	AUGER END BEARING
10	1	55-717	BELLY AUGER END WELDMENT
11	4	55-076	DELRIUN SPACER
12	1	55-716	BELLY AUGER TRANSITION WELDMENT
13	3	SS038SS	3/8" SQUARE HEAD SET SCREW
14	4	HB05013250SS	HEX BOLT - STAINLESS - 0.5" x 2.5"
15	10	HB05013200SS	HEX BOLT - STAINLESS - 0.5" x 2"
16	40	FW050SS	FLAT WASHER - STAINLESS - 1/2"
17	14	LW050SS	LOCK WASHER - STAINLESS - 1/2"
18	14	HN05013SS	HEX NUT - STAINLESS - 1/2 - 13
19	12	HB03816150SS	HEX BOLT - STAINLESS - 0.375" x 1.5"
20	10	HB03816125SS	HEX BOLT - STAINLESS - 0.375" x 1.25"
21	44	FW038SS	FLAT WASHER - STAINLESS - 3/8"
22	22	LW038SS	LOCK WASHER - STAINLESS - 3/8"
23	22	HN03816SS	HEX NUT - STAINLESS - 3/8 - 16
24	1	55-700	TRAILER TENDER FRAME WELDMENT



Doyle 24 Ton Tender



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	55-718	MOTOR MOUNT DISCHARGE AUGER WELDMENT
2	1	55-736	DISCHARGE AUGER
3	1	55-034	AUGER MOUNT SHAFT, COLLAR
4	1	55-065	DISCHARGE AUGER, END CAP
5	1	55-257	DISCHARGE AUGER, PIN
6	2	55-067	DISCHARGE AUGER, PIN LOCK INNER
7	2	55-068	DISCHARGE AUGER, PIN LOCK OUTER
8	1	55-069	DISCHARGE AUGER, PIN RETAINER
9	1	55-716	BELLY AUGER TRANSITION WELDMENT
10	1	55-717	BELLY AUGER END WELDMENT
11	1	55-719	BELLY AUGER ARM WELDMENT
12	1	55-720	DISCHARGE AUGER WELDMENT
13	1	55-726	DISCHARGE AUGER SUPPORT WELDMENT
14	2	55-918	HYDRAULIC HARD LINE ASSEMBLY, 3/4"
15	6	HY127	HYDRAULIC LINE BRACKET
16	3	HY138	HYDRAULIC BRACKET MOUNT
17	3	HY172	HYDRAULIC MOUNT STUD
18	6	HY116	3/4" HYDRAULIC BUSHING
19	2	HY84	FITTING, 3/4 MO/R - 3/4 MJIC, STR
20	1	TT109	HYDRAULIC MOTOR
21	2	TT108	AUGER END BEARING
22	3	SS038SS	3/8" Square Head Set Screw
23	12	HB05013200SS	Hex Bolt - Stainless - 0.5" x 2"
24	24	FW050SS	Flat Washer - Stainless - 1/2"
25	12	LW050SS	Lock Washer - Stainless - 1/2"
26	12	HN05013SS	Hex Nut - Stainless - 1/2 - 13
27	4	HB05013200G5	HEX BOLT - MILD - 0.5" x 2"
28	8	FW050G8	FLAT WASHER - MILD - 1/2"
29	4	LW050G5	LOCK WASHER - MILD - 1/2"
30	4	HN05013G8	HEX NUT - MILD - 1/2"
31	34	HB03816125SS	HEX BOLT - STAINLESS - 0.375" x 1.25"
32	10	HB03816100SS	Hex Bolt - Stainless - 0.375" x 1"
33	46	FW038SS	FLAT WASHER - STAINLESS - 3/8"
34	44	LW038SS	LOCK WASHER - STAINLESS - 3/8"
35	18	HN03816SS	HEX NUT - STAINLESS - 3/8 - 16
36	3	HB03118150SS	HEX BOLT - STAINLESS - 0.3125" x 1.5"
37	1	55-700	TRAILER TENDER FRAME WELDMENT

Catalog Index

A

Ace Pump	56
Accuboom	45
Accu-Flow NH ₃ System (RAVEN®)	49-55
Acme Gaskets	212
Adapters	
Acme	210
Relief Valve	214
Swivel Hose	211
AGCO Spra-Coupe	56, 177
Agricover - Roll Tarp	29, 235-241
Air Coupling	131
Air Line Tubing	131
Apollo Valves	187
Apron - Safety	194
Arcosa Tanks	24
Assisted Steering Systems	40
Augers - Tenders	242-244
Autoboom	45

B

B&B	24
Back Check Valves	225
Banjo® Products	
Base Plate Assemblies	57
Cam Lever Couplings - SS	111
Cam Lever Couplings - Poly	94, 112-113, 119
Check Valve	83, 116
Closed Transfer System	58
Dry Disconnect	88-89
IBC	114-119
Manifold Fittings	83, 86, 93-95, 99
Manifold Systems	109
Manifold Valves	78-87, 98-99, 114
Pipe Adapter	77
Poly Valves	58, 78-87, 96-100, 114-119
Pressure Spike Valve	81
Pumps	59-76
Strainers	57, 101-108
Swivels and Vent Caps	77, 91
Tank Bungs	90
Barbs	
Manifold-Hose	213
Polypropylene-Hose	91
Stainless Steel - Hose	191
Shur-Flo Adapter	132
Steel - Hose	188
Bearings	245
Beavertail Sealers	196
Belts	
Spreader	245, 280-281, 286-287
Blades - Coulter	126, 205
Blades - Fertilizer Spreader	245, 300
Blu Jet Shanks	198
Boom Clamps	160, 162, 177
Boom Leveling Systems	45
Bottle - Water	195

Bulkhead Fittings	90
Bull Pull Hitch	39
Bulldog Jacks	234
Butterfly Valves	95, 187

C

Calibration Containers	185
Caps	
Acme	210
Nozzle	162, 165
Relief Valve	216
Case IH, CNH (DMI®)	
Coulters	124-128, 205
Coulter Knife Injector	124-128
Hubs & Components	231-232
Jacks	234
Liquid Fertilizer Placement	120-128
Liquid Application	35-37
Sealers	196, 201-202, 206-207
Shanks	198-200, 203-204
Spring Bundles - Shank Clamps	199-200
Toolbars	30-34, 248-274
Wing Extensions	230
Centrifugal Pumps	56
Chain	195, 246
Chemical Inductor	109
Chemical Injection	47
Clamps	
Boom	160, 162, 177
Hose	130, 209
Shank	198-200
T-Bolt	130
Coulters	124-126, 205
Coulter Blades	124-126, 205
Combo Valves - NH3	221-222, 224
Compressors	
Corken	226-229
York - Vapor	226
Consoles	48
Continental Ball Valve	211, 220
Continental Equalizer	208
Continental NH3 A-360 Manifold	214
Continental Products	208, 210-214, 216-218, 220-221, 223
Corken	
Parts Kits	227-229
Pumps	226-229
Couplers	
Banjo® Products	93-94, 111-113, 119
Dry Disconnect	88-89
Lovejoy	57
NH3 Breakaway	217-218, 223
Pipe - SCH 40 BLK	188-189
Pipe - Forged Steel	192-193
Speed	210
Coveralls - Disposable	194
Cultivator Knives	197
Cylinders	
Case IH	259
Stroke Control Kit	230

Catalog Index

D

Dalton Disc Sealers	206-207
Dalton NH3 Wagons	25, 275-277
Dalton Spreader.....	26-27
Decals	
NH3 Safety Coupler	217-218
NH3 Nurse Tank.....	219
NH3 Storage Tank.....	219
Willmar Equipment.....	219, 291-293
Deep Furrow Knife	196
Density Scales.....	234
Dials.....	216
Disc Sealers.....	201-202, 206-207
Disposable Coveralls	194
DMI®	(See Case IH, CNH)
Doyle	
Blending & Handling Equipment	10-13
Conveyors	9
Line Drawings.....	300-303
Spreader	6-8
Tender.....	4-5
Dry Chemical Inductor	109
Dry Disconnect.....	88-89
DuraProducts.....	178-180

E

Eductor - Chemical.....	176, 187
ESV Valves (Emergency)	215, 225
EVA Tubing.....	130, 209

F

Fittings	
Air Line	131
Black Iron SCH 40	188-189
Black Iron Forged Steel.....	192-193
Polypropylene	77, 86, 90-95, 99
Stainless Steel	190-191
Shurflo Fittings.....	131
Flowmeters.....	50-55, 77, 178, 181-182, 184
Flanges	99, 187
Flex Connectors -Stainless Steel	225
Flighting - Auger	242-244, 294-299
Floodjet Nozzles	148-150
Flow Dividers.....	110, 214
Flow-Max (Simonsen)	
Line Drawings.....	294-299
Tenders.....	14
Flo-Max Coupler	218

G

Gaskets	
Acme	212
Banjo®	95
Gas Masks.....	195

Gauges

NH3.....	216, 225
Volume (Nurse Tank)	216, 225
Storage Tank.....	225
Gloves	
Chemical.....	194
NH3.....	195
Goggles	194-195
GPI Chemical Pumps and Meters.....	184-185
Ground Drives - Pump	120-128
Gruv-Lok Flow Meter Conversion	55
GSI InterSystems.....	21-23
Guidance Systems	40-48

H

Hand Pumps - Chemical, GPI.....	184-185
Herbicide	
Calibration Containers.....	185
Hose Assemblies.....	185
Meters.....	50-55, 77, 178, 181-182, 184
Pumps.....	47, 56, 59-76, 120-122, 131, 178-185
HCS Shank - Case IH.....	203-204
Hiniker Nitro-Lert	38
Hitch Pins.....	234
Hitch	
Bull Pull	39
Case IH.....	233, 260
Hose	
Air Tubing	131
Chemical.....	129-130, 185
Chemical Assemblies	185
Clamps	130, 209
Clips	230
EVA.....	130, 209
Fittings - NH3	210-211, 214
Liquid	129-130, 185
NH3.....	209
Swivels.....	211
Hose Barbs	
Manifold - NH3	213
Polypropylene	91, 93-94
Stainless Steel.....	92, 191
Steel	188
Shur-Flo.....	132
Hose Clamps	130, 209
Hose Drops	166
Hose Menders, Poly	91
Hubs and Components	231-232
Hypro, Centrifugal Pumps	56

I

Inductor - Chemical	109
Injector - Colter Knife	124-125
Injection Chemical	47
In-Line Breakaway Coupling	218
Inserts, Bearing	245
InterSystems Towers (GSI)	21-23

Catalog Index

J

Jacks	234
John Blue Products	
Chemical and Fertilizer Injection Pumps.....	120-121
Flow Dividers and Manifolds.....	110, 214
Impellicone.....	214
Pump Breakdown.....	122-123
Stainless Steel Pumps	121
Standard Pumps	120-121

K

Ketsral Weather Meters	39
Knives - NH3	
Accessories	196
Applicator	196-197
Chisel	197
Cultivator.....	197
Liquid.....	124-126
Tubes.....	196-197

L

Lever Pump - GPI	184
Line Drawings	
Case IH, CNH (DMI®)	248-274
Dalton Ag	275-278
Doyle.....	299-303
Flow-Max Tenders	294-299
Raven Coolers	50-52
Willmar	279-293
Line Strainers	50-52, 101-108
Liquid Application (Case IH)	35-37
Liquid Fertilizer Placement (Case IH)	120-128
Loaders	
Wacker.....	15
Lovejoy Couplings.....	57

M

Manifolds	
John Blue Impellicone.....	214
NH3.....	214
Relief Valve - NH3	214
Manifold Fittings.....	83, 86, 93-95, 99
Manifold Systems	109
Meters	
Chemical (Herbicide)	50-55, 77, 178, 181-182, 184
NH3.....	50-55, 220
Weather.....	39
Monitors	
Raven®	40-43
Mounting - Coulter	205

N

NH3 Blockage Monitor	38
NH3 Hose.....	209
NH3 Knives.....	196-197
NH3 Meters	50-55, 220
NH3 Remote Shutdown	215
NH3 Wagons	24-25, 275-278
NH3 Y Casting	213
Nipples	
Black Iron SCH 40	188
Forged Steel	193
King	188, 191
Polypropylene	92
Stainless Steel.....	191
Nozzles	
Air Induction	133-135, 137-139, 146
Air Induction Turbo Twin Jet	134, 146
Charts.....	133-135, 160-162
Floater	135, 149-150
Floodjet Wide Angle	148-152
Hose Drop	166
Injector	126-128, 135, 155-156
Orifice Discs.....	135, 156
Quick Teejet Components.....	162-176
Quick Turbo Floodjet.....	135, 150
StreamJet	157-159
Trigger - Chemical	175-176
Turbo Teejet Induction	133, 135, 140
Turbo Teejet Wide Angle Flat	136
Turbo Twin Jet.....	136
Twin Jet Flat	141
VisiFlo Flat	140
Nozzle Bodies	163-164
Nozzle Caps	157-159, 162, 168
Nozzle Couplers	111, 168
Nozzle Screens	165

O-P

O-Rings - NH3 Quick Coupler	217-218
Pipe	189, 193
Pipe Sealant	213
Precision Tank	28
Pressure Spike Valve	81
Pressure Vacuum Vent	187
Probe - Soil	234
Pry bars	195
PTO Assemblies (Spreader)	245
Pulleys	245
Pumps	
Ace	56
Anhydrous	226-229
Barrel	178-185
Banjo®	59-76
Baseplates	57
Centrifugal	56
Chemical (Herbicide)	56, 120-121, 131, 178-183
Corken	226-229

Catalog Index

DuraProducts.....	178-180	Shank Clamps	199-200
GPI.....	184-185	Shims	113
Hand.....	184	Shurflo Pumps.....	131-132
Hypro	56	Shear Check-Lock.....	218
John Blue.....	120-121	Sight Gauge Hose.....	130
Liquid Injection.....	47	SkyTrak	55
Piston	120-121	Slingshot.....	42
Scienco®.....	181	SmarTrax.....	47
Shur-Flo.....	131	Soil Probes	234
		Spanner Wrench	210
		Speed Couplers.....	210
Quick Acting Valves	215, 223-225	Spraying Systems Products.....	133-177
Quick Teejet Boom Components.....	162-164	Spreaders.....	6-8, 18-20, 26-27
Quick Turbo Floodjet Tips.....	150	Spreader Parts	234, 240, 245-246, 278-293, 299-303
Raven® Products		Sprockets.....	245
Accu-Flow NH3.....	49-54	Spring Bundles	199-200
Accuboom	45	Squibb Taylor	55, 210-216, 218, 221-225
Autoboom.....	45	Squibb Taylor Turbo-Flo	215
Cables	53-54	Stainless Ball Valves	187
CR7.....	42	Stainless Fittings.....	190-191
Flow Meters	50-55	Stainless Flanges.....	187
Guidance Systems.....	40-42, 46-47	Stainless Flex Connectors.....	186
GPS Receivers	48	Stainless Gauges.....	216
Hawkeye.....	44	Stainless Tanks	28
RCM	43	Steering Systems	46-47
RS1	46	Strainers	
Sidekick Injection	47	Anhydrous	38, 50-51
Slingshot.....	42	Liquid	57, 101-108
SmarTrax.....	47	Strainer Basket.....	57
Valves - Control	50-55	Suction Pipes (Herbicide)	185
Viper 4.....	41	Swivel Adapters	211
VSN	40	Swivel Nozzle Bodies.....	166
Rectorseal.....	214		
Relief Valves.....	159		
Repair Kits			
Corken	227-229	Tank Bung	90
Jack.....	234	Tanks	
John Blue.....	122-123	Fiberglass	28
Shur-Flo.....	32	NH3.....	24
Valves (Globe-Angle-Internal)	221-224	Stainless	28
Respirators	195	Tank Vent	187
Reversible Disc Sealers	201-202	Tarps.....	29, 235-241
Rochester Gauges	216	Teflon Tape	213
Roll Tarps	29, 235-241	Teflon Sealant	213
Roller Chain	246	Tender Parts	242-246, 294-299
ROTA Seal	222	Terre Max	
		Ball Valves.....	83-87, 96-99
		Gaskets.....	95
		Poly Fittings	90-95
		Sweeps	86
		Valve Handle	95
Safety Chains.....	195	Tips - Spray	133-162
Safety Containers	217	Toolbars	30-37, 248-274
Safety Equipment.....	194-195, 215, 217	Towers - GSI InterSystems	21-23
Safety Rinse Tank	194, 217	Tripod	223
Scale - Density	234	Tubes - NH3	196-197
Scienco® Pumps	181-183	Tubing - Air	131
Sealers	196, 201-202, 26-207	Tubing - EVA	76, 209
Sealant.....	213		
Shanks	198-199, 203-204		

Catalog Index

U

Unions - Steel	188, 190, 192
Union Valves - Poly.....	100, 185

V

Valves

Angle - Banjo®	100, 185
Angle - NH3	221-222, 224
Apollo	187
Back Check - NH3	225
Banjo®58, 78-87, 96-97, 216
Bleed - NH3.....	214
Butterfly	95, 187
Check Valve.....	83, 225
Combo - NH3	221-222, 224
Continental.....	1211, 213, 220-221, 223
Electric - 12 Volt.....	78-82, 98
Emergency (ESV)	215, 225
Excess Flow (NH3)	225
Fill (NH3).....	221-222, 224
Fisher	225
Globe - NH3	215, 221, 223-224
Hydraulic	220
Hydrostatic	214
Manifold.....	78-87, 98-99, 114
NH3 Shutoff.....	.50-55, 211, 220
Pressure Spike Valve	81
Relief	214
Repair Kits	221-224
Squibb-Taylor.....	214-215, 221-223
Stainless Ball.....	95
Throttle.....	230
Withdrawal - NH3	221-222, 224
Vapor King Transfer Unit	226
Vapor Tubes.....	197
Vent - Pressure Vacuum.....	187
Vinyl Tubing.....	130, 209
Viper 4.....	41
Volume Gauges - NH3.....	216, 225
VSN	40

W-Z

Wacker Loader	15
Water Bottle.....	195
Water Containers	194-195, 217
Water Meters.....	.77, 178, 181-182, 184
Water Tank (Safety Rinse).....	194-195, 217
Weather Meters.....	39
Whoa Stops (Cylinder)	230
Willmar®	
Decals	219, 291-293
Jacks	234
Spreaders	18-20
Spreader Parts234, 245-246, 278-293
Tarps.....	29, 235-241

Tenders.....	16-17
Tender Parts.....	242-246
Wind Meters	39
Wing Extensions (Case IH).....	230
Wrench - Spanner (Acme)	210

Questions?

Reach out to our team

Brad Funkhouser

General Manager | bfunkhouser@davisequip.com

Craig Anderson

Parts Sales | canderson@davisequip.com

Mike Hilbrands

Parts Sales | mhilbrands@davisequip.com

Roger Vos

Precision Ag Specialist | rvos@davisequip.com



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