

Model 692

Beet Harvester

PARTS MANUAL



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TO THE OWNER

Congratulations on the purchase of your new Art's-Way 692 sugar beet harvester. You have selected a top quality machine designed and built with pride to give you many years of efficient, reliable service.

Many people have worked on the design, production, and delivery of this machine. The information in this manual is based on the knowledge, study and experience of these people through years of manufacturing specialized farming machinery. This manual is designed to provide you with important information regarding safety, maintenance and machine operation so you can get the best possible performance from your harvester.

Even if you are an experienced operator of this or similar equipment, we ask you to read this manual before running this machine. The way you operate, adjust, and maintain this unit will have much to do with its successful performance. Any further questions you may have about this piece of Art's-Way equipment should be directed to your local Art's-Way dealer or to Art's-Way Manufacturing Co., Inc., Armstrong, Iowa 50514-0288 (712) 864-3131.

SPECIFICATIONS AND DESIGN ARE SUBJECT TO CHANGE WITHOUT NOTICE

Art's-Way Manufacturing Co., Inc. is continually making product improvements. In doing so, we reserve the right to make changes or add improvements to our products without obligation for equipment previously sold. Because modifications to this machine may effect the performance, function and safety of its operation, no modifications are to be made without the written permission of Art's-Way Manufacturing Co., Inc.

In the interest of continued safe operation of the machine, pay particular attention to the safety alert symbol throughout this manual.

ART'S-WAY MANUFACTURING CO., INC. STATEMENT OF PRODUCT LIABILITY

Art's-Way Manufacturing Co., Inc. recognizes its responsibility to provide its customers with a safe and efficient product. Art's-Way makes every attempt to design and manufacture its products in accordance with all accepted engineering practices in effect at date of design. This statement should not be interpreted to mean that our products will protect against the user's own carelessness or failure to follow common safety practices as set forth in this manual, nor will Art's-Way be liable for any such act.

NOTICE TO THE CUSTOMER

The warranty for this machine appears on page iii of this manual. The warranty registration form in the back of this manual must be completed and returned to the factory in order to establish proper warranty. Failure to comply will result in reduced warranty allowances.

This manual contains operating instructions for this machine only. It does not replace the manual(s) for any machine that it may be attached to or used with.

PARTS AND SERVICE

The wise purchaser of a new machine gives consideration to the following factors:

- A. ORIGINAL QUALITY
- B. AVAILABILITY OF SERVICE PARTS
- C. AVAILABILITY OF ADEQUATE SERVICE FACILITIES

Art's-Way Manufacturing Co., Inc. has an excellent dealership network ready to answer any questions you may have about your sugar beet harvester. Parts for your machine may be ordered through our dealers. When placing a parts order, please have the model and serial numbers ready. This will allow the dealer to fill your order as quickly as possible.

For your convenience, we have provided this space for you to record your model and serial numbers and date of purchase as well as your dealership name and address.

OWNERS NAME _____

OWNERS ADDRESS _____

MODEL NUMBER _____

SERIAL NUMBER _____

PURCHASE DATE _____

DEALER NAME _____

DEALER ADDRESS _____

DEALER TELEPHONE NUMBER _____

Building on a
Art's-Way
Tradition of Quality

SERIAL NO.

MODEL NO.

Manufactured By
Art's-Way Manufacturing Co., Inc.
Armstrong, IA

MACHINE SERIAL NUMBER LOCATION
(LEFT FRONT CORNER OF THE MAIN FRAME)

LIMITED WARRANTY

Art's-Way Manufacturing Co., Inc. warrants products it sells to be free from defects in material and workmanship for a period of one (1) year after the date of delivery to the first purchaser subject to the following conditions:

- Art's-Way Manufacturing Co., Inc. obligation and liability under this warranty is to repair or replace (at the company's option) any parts which upon manufacture were defective in material or workmanship.
- All parts and repairs under this warranty shall be supplied at an authorized Art's-Way Manufacturing Co., Inc. dealer or at the factory, at the option of Art's-Way Manufacturing Co., Inc.
- Art's-Way Manufacturing Co., Inc. warranty does not extend to parts and elements not manufactured by Art's-Way Manufacturing Co., Inc. and which carry the warranty of the other manufacturer.
- Transportation or shipping to an authorized dealer for necessary repairs is at the expense of the purchaser.
- Art's-Way Manufacturing Co., Inc. makes no other warranty expressed or implied and makes no warranty of merchantability or fitness for any particular purpose beyond that expressly stated in this warranty. Art's-Way Manufacturing Co., Inc. liability is limited to the terms set forth in this warranty and does not include any liability for direct, indirect, incidental or consequential damages or expense of delay and the Company's liability is limited to repair or replacement of defective parts as set forth herein the warranty.
- Any improper use, including operation after discovery of defective or worn parts, operation beyond rated capacity, substitution of parts not approved by Art's-Way Manufacturing Co., Inc., or any alteration or repair by other than an authorized Art's-Way Manufacturing Co., Inc. dealer which affects the product materially and adversely, shall void this warranty.
- No dealer, employee or representative is authorized to change this warranty in any way or grant any other warranty unless such change is made in writing and signed by an officer of Art's-Way Manufacturing Co., Inc. at its home office.
- Some states do not allow limitations on how long an implied warranty lasts or exclusions of, or limitations on relief such as incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.



SAFETY GUIDELINES



Remember, A Careful Operator is the Best Insurance Against an Accident.



READ and Understand the Operators Manual and all the safety decals before operating the machine. Review safety instructions with all operators annually.

BEFORE OPERATING

Do not wear loose fitting clothing as it may catch in moving parts.

Make sure to install and/or secure all guards and shields, including the tractor power take-off master shield, before starting or operating the machine.

Be sure that the correct implement drive line parts are used and that they are properly secured.

Install safety chain when attaching machine to the tractor.

Clear the area of bystanders, especially children, when making repairs, adjustments or performing maintenance on the harvester.

Do not allow riders.

Put all tractor and machine controls in "neutral" and disengage PTO before starting (follow starting instructions according to your tractor manual).

Operate machine only while seated on the tractor seat.

Lower the lifter wheels when harvester is not in use.

Make sure the unit is adequately blocked before working on it.

DURING OPERATION

Keep hands, feet, hair and clothing away from moving parts.

Keep all shields and guards in place.

Keep all children and bystanders away from the machine while in operation.

Do not allow riders while machine is in operation.

Do not attempt to unclog, clean or adjust machine while it is running.

Before servicing, adjusting, repairing or unplugging the machine, stop the tractor engine, lower the machine to the ground, place all controls in neutral, set parking brake, remove ignition key and wait for all moving parts to stop.

Stay away from overhead power lines. Electrocutation can occur even without direct contact.

Keep all hydraulic lines, fittings and couplers tight and free of leaks.

MAINTENANCE SAFETY

Follow all operating, maintenance and safety instructions found in this Manual.

Before servicing, adjusting, repairing or unplugging the machine, stop the tractor engine, lower the machine to the ground, place all controls in neutral, set parking brake, remove ignition key and wait for all moving parts to stop.

Use only tools, jacks and hoists that are of sufficient capacity for the job.

Use support blocks or safety stands when changing tires or working under the machine.

Follow good shop practices of keeping service area clean and dry and using adequate light for the job at hand.

Before applying pressure to the hydraulic system, make sure all lines, fittings and couplers are tight and in good condition.

Relieve pressure from hydraulic circuit before servicing or disconnecting from tractor.

Make sure all shields/guards are in place and properly secured when maintenance work is complete.

HYDRAULIC SAFETY

Make sure all components in the hydraulic system are kept clean and in good condition.

SAFETY GUIDELINES

Replace any worn, cut, abraded, flattened or crimped hoses.

Do not make any temporary repairs to the hydraulic lines, fittings or hoses by using tape, clamps or cements. The hydraulic system operates under extremely high pressure and temporary repairs may fail suddenly and create a hazardous situation.

Wear proper hand and eye protection when searching for a high-pressure hydraulic leak. Use a piece of wood or cardboard as a backstop instead of hands to identify and isolate a leak. If injured by a concentrated high-pressure stream of hydraulic fluid, seek medical attention immediately. Serious infection or toxic reaction can develop if hydraulic fluid penetrates the surface of the skin.

Before applying pressure to the system, make sure all components are tight and that lines, hoses and couplings are not damaged.

TRANSPORTATION SAFETY

Be sure to comply with all local regulations regarding transporting equipment on public roads and highways.

Make sure the SLOW MOVING VEHICLE (SMV) emblem and all lights and reflectors required by local highway and transportation authorities are in place, clean and clearly visible to all oncoming or following traffic.

Do not allow riders while transporting.

Make sure harvester is securely attached to the tractor and install a safety chain to the harvester.

Do not fail to latch the tractor brakes together.

Do not exceed 20 mph when transporting the harvester - reduce speed on rough roads and surfaces or when going down inclines.

Drive slowly when turning and always use turn signals on the tractor to indicate your turning intentions to other traffic.

The weight of the trailed machine should NEVER exceed the weight of the towing vehicle.

Check clearances carefully wherever machine is towed.

Always raise the lifter wheels before transporting.

Retract elevator into transport position before transporting harvester on the highway.

Stay away from overhead obstructions and power lines during transport. Electrocution can occur even without direct contact.

STORAGE SAFETY

Store the harvester in an area away from human activity.

Do not permit children to play on or around the stored machine.

Make sure the harvester is stored in an area with a firm and level base to prevent the machine from tipping or sinking into the ground.

TIRE SAFETY

Have a qualified tire dealer or repair service perform tire repairs.

Do not attempt to mount a tire unless you have the proper equipment and experience to do the job.

Follow proper procedures when mounting a tire on a rim to prevent an explosion which could result in serious injury.

Do not substitute tires of lesser road rating and capacity for the original equipment tires.

ASSEMBLY SAFETY

Use adequate manpower to perform assembly procedures safely.

Assemble the harvester in an area with sufficient space to maneuver the largest components and allow easy access to all sides of the machine.

Use only forklifts, lift cranes, jacks and tools with sufficient capacity for the loads.

Do not allow spectators in the working area.

Remember:

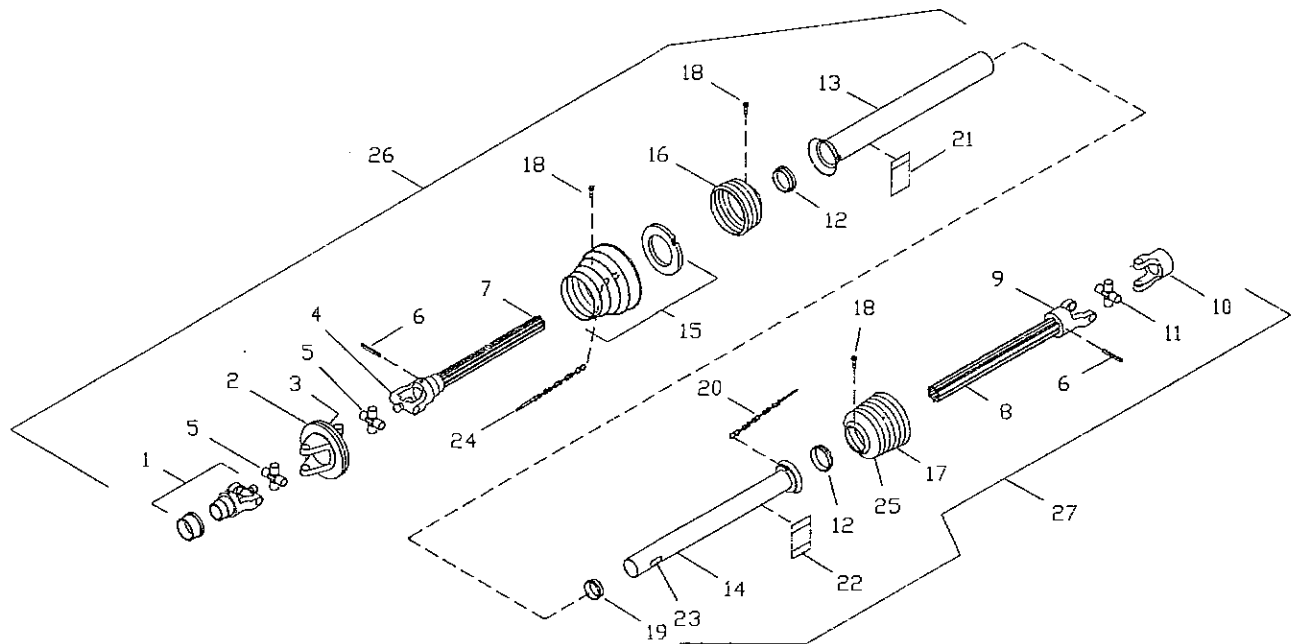
"The Best Operator is a Safe Operator"

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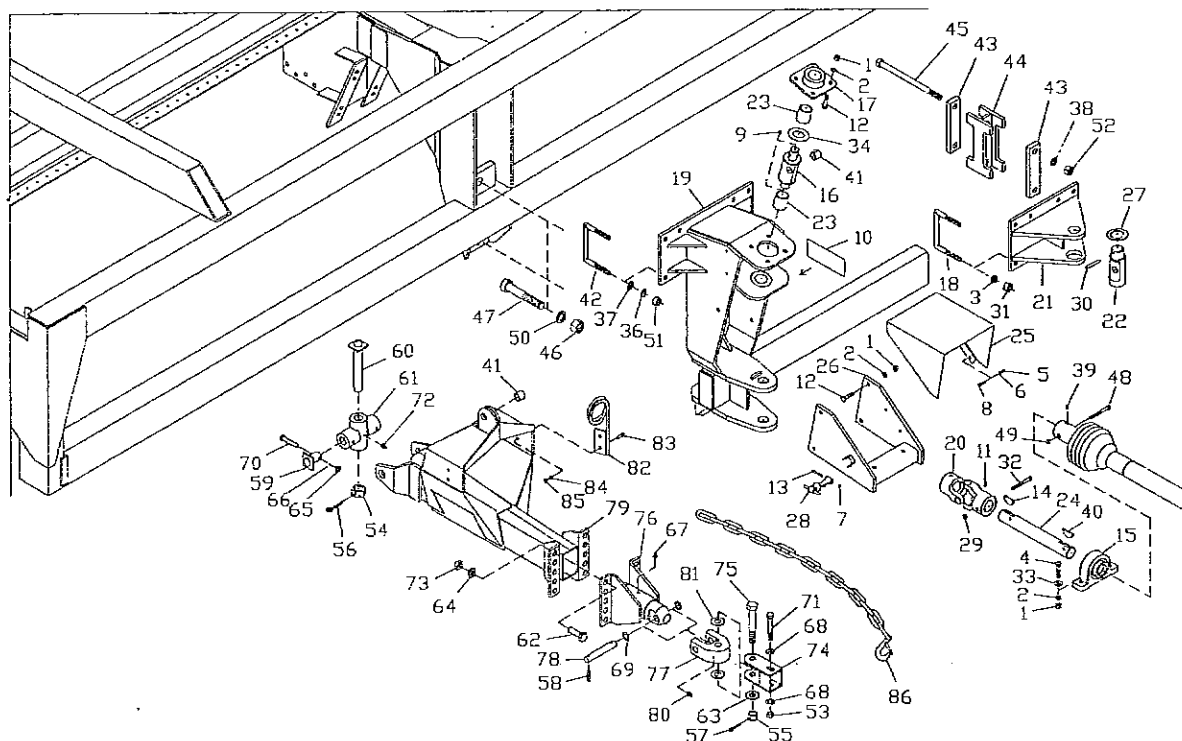
PTO ASSEMBLY, CONSTANT VELOCITY

356840, 286280



ITEM	PART NUMBER	QTY	DESCRIPTION
1	345830	1	Yoke. Assembly - 1-3/8"-21 Spline
1	345840	1	Yoke. Assembly - 1-3/4"-20 Spline
2	345850	1	Yoke. Double
3	-----	1	Zerk. Grease - in item 2
4	357920	1	Yoke. Inboard S4
5	345870	2	Kit. Cross & Bearing
6	196740	2	Pin. Spring 10 x 90
7	357900	1	Profile. Inner S4GA(1-3/8")
7	287470	1	Profile. Inner S4GA (1-3/4")
8	357910	1	Profile & Sleeve W.A. (1-3/8")
8	287480	1	Profile & Sleeve W.A. (1-3/4")
9	196770	1	Yoke. Inboard S5
10	345910	1	Yoke. 1-3/4" RB. 3/8" Keyway
11	182230	1	Kit. Cross & Bearing
12	182900	2	Ring. Bearing SC25
13	357880	1	Tube. Outer Shield Oval (1-3/8")
13	287490	1	Tube. Outer Shield Oval (1-3/4")
14	357890	1	Tube. Inner Shield Round (1-3/8")
14	287500	1	Tube. Inner Shield Round (1-3/4")
15	345950	1	CV Assembly. Cone & Bearing
16	345960	1	Shield. Cone 3 Rib
17	340140	1	Shield. Cone 7 Rib
18	345980	8	Screw. in item 15, 16 & 17
19	340190	1	Bearing. Support
20	182890	1	Chain. Safety
21	268860	1	Decal. Outer - in item 13
22	340180	1	Decal. Inner - in item 8
23	196890	1	Zerk. in item 8
24	354190	1	Chain. Safety 600 mm
25	349250	1	Collar. Reinforced
Collar Kit - 340200, 340210			
26	357840	1	PTO Assembly. CV2580 Tractor Half (1-3/8")
26	287460	1	PTO Assembly. CV2580 Tractor Half (1-3/4")
27	357850	1	PTO Assembly. CV2580 Implement Half (1-3/8")
27	287450	1	PTO Assembly. CV2580 Implement Half (1-3/4")

HITCH & TONGUE ASSEMBLIES - 286140, 252890



HITCH ASSEMBLY - 286140

ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	10	Nut, Hex 1/2"
2	005370	10	Washer, Lock 1/2"
3	020440	8	Washer, Lock 5/8"
4	023950	2	Bolt, HHCS 1/2" x 2.0"
5	027660	3	Nut, Hex 1/4"
6	029440	3	Washer, Lock 1/4"
7	037550	1	Nut, Nylon Lock Hex 1/4"
8	042960	3	Bolt, HHCS 1/4" x 1.0"
9	1100756	2	Zerk, 1/4"-28
10	115370	1	Decal, Hitch Instructions
11	120970	1	Screw, AHSS Nylon Lock 3/8" x .5"
12	1770500	8	Bolt, HHCS 1/2" x 1.75"
13	223540	1	Bolt, HHCS 1/4" x 1.75"
14	231950	1	Key, Woodruff 3/8" x 2.75"
15	238420	1	Bearing, PB 1.75"
16	286310	1	Pin, Cylinder
17	286380	1	Flange Weldment, 4-Bolt
18	286480	4	U-Bolt, 5/8" x 4.50" x 6.06"
19	286500	1	Tongue Support Weldment
20	286520	1	U-Joint, 1.75" RB x 1.75" RB
21	286670	1	Bracket, Row Finder
22	286790	1	Pin, Row Finder Cylinder
23	286920	2	Bushing, 1.51" x 1.88" x 2.0"
24	286950	1	Shaft, 1.75" x 13.62"
25	287910	1	Shield Weldment, Jack Shaft
26	287940	1	Mount Weldment, Jack Shaft
27	E126034	1	Bushing, 1.88" x 2.88" x 10 GA
28	E504003	1	Latch, Rubber

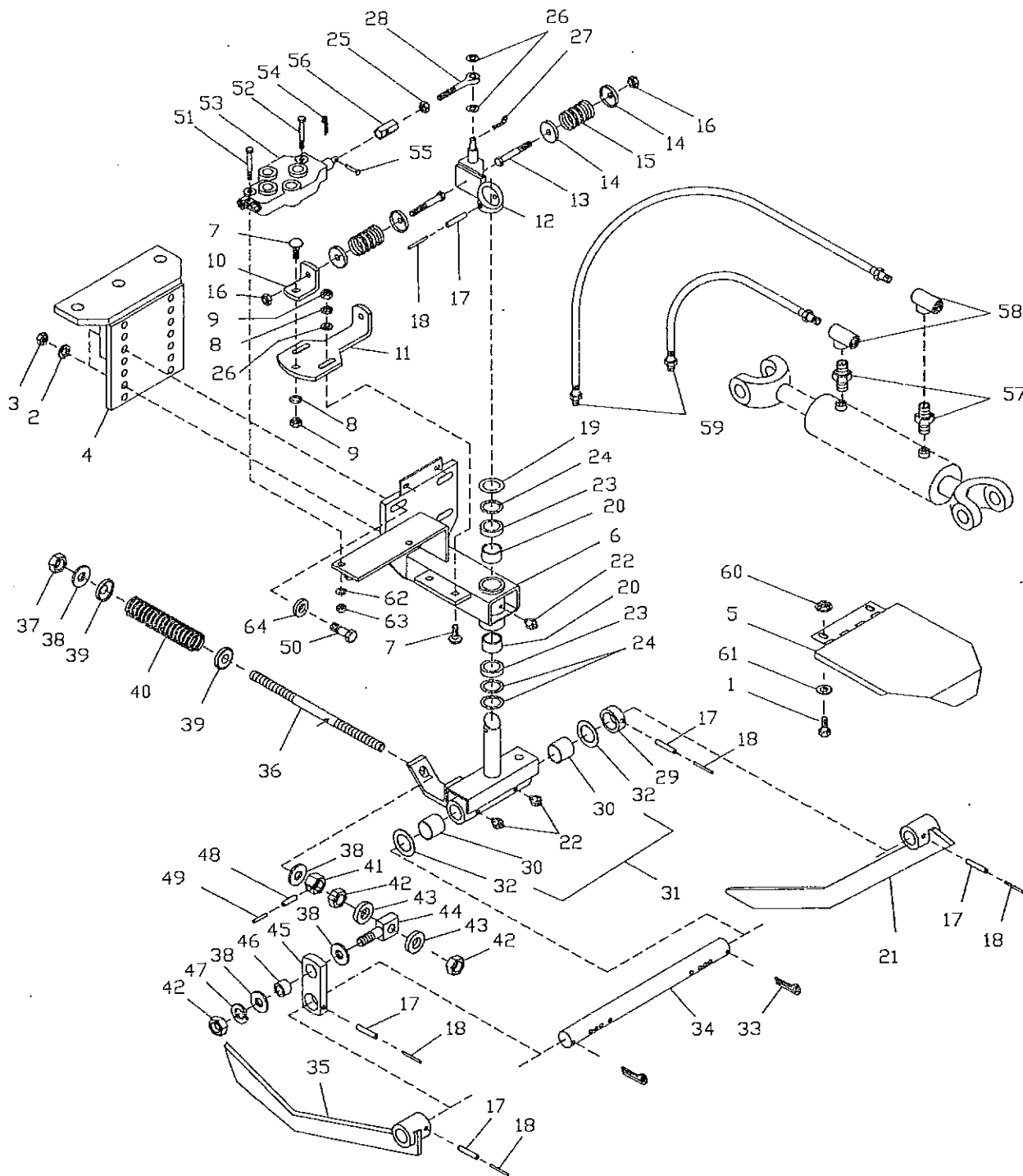
HITCH & TONGUE ASSEMBLIES - 286140, 252890

ITEM	PART NUMBER	QTY	DESCRIPTION
29	E552044	1	Nut, Top-Lock Hex 3/8"
30	E580057	1	Pin, Roll 3/8" x 2.50"
31	I124589	8	Nut, Hex 5/8"
32	I189304	1	Bolt, HHCS 3/8" x 3.25"
33	I20601R1	2	Washer, Flat .53" x 1.25" x .105"
34	V063596	1	Washer, Flat 1.62" x 3.0" x .165"
35	287900	1	Kit, Hardware Tongue Support
36	020440	8	Washer, Lock 5/8"
37	035210	8	Washer, Flat .66" x 1.31" x .095"
38	036800	2	Washer, Lock 3/4"
39	120970	2	Screw, AHSS Nylon-Lock 3/8" x .5"
40	231950	2	Key, Woodruff 3/8" x 2.75"
41	232240	2	Bushing, 1.25" to 1.0" x 1.0"
42	286490	4	U-Bolt, 5/8" x 5.50" x 6.06"
43	286760	2	Bar, .75" x 2.0" x 8.56"
44	286770	1	Bracket Weldment, Mounting
45	286930	2	Bolt, HHCS 3/4" x 12.0"
46	289790	2	Nut, Hex 1-1/8" Grade 8
47	289890	2	Bolt, HHCS 1-1/8" x 6.0" Grade 8
48	I189304	2	Bolt, HHCS 3/8" x 3.25"
49	E552044	2	Nut, Top-Lock Hex 3/8"
50	E829100	2	Washer, Lock 1-1/8"
51	I124589	8	Nut, Hex 5/8"
52	J14H794	2	Nut, Hex 3/4"

TONGUE ASSEMBLY - 252890

53	991040	1	Nut, Hex Lock 3/4"-10
54	E552084	1	Nut, Slotted Hex 1-1/2"
55	E552092	1	Nut, Slotted Hex 1-1/8"
56	E580042	1	Pin, Cotter 3/19" x 3.2"
57	E580046	2	Pin, Cotter 1/4" x 2.50"
58	E580053	2	Pin, Roll 5/16" x 1.75"
59	E580086	1	Pin Weldment, Side
60	E580109	1	Pin Weldment, 1-1/8"
61	E586014	1	Pivot Weldment
62	E672103	4	Bolt, HHCS 1" x 2.50"
63	E829021	4	Washer, Flat 1.25" x 2.75" x .164"
64	003350	4	Washer, Lock 1"
65	005360	12	Nut, Hex 1/2"
66	005370	12	Washer, Lock 1/2"
67	013170	1	Zerk, Grease 1/8" NPT S
68	020720	2	Washer, Flat .812" x 1.75" x .179"
69	020650	2	Washer, Flat 1.14" x 1.62" x .134"
70	038560	2	Bolt, HHCS 1/2" x 4.0"
71	1111952	1	Bolt, HHCS 3/4" x 8.0"
72	1100756	3	Zerk, 1/4"-28
73	J14H805	4	Nut, Hex 1/8"
74	260920	1	Clevis Weldment, Heavy
75	342820	1	Bolt, HHCS 1.12" x 8.0" Grade 8
76	252790	1	Hitch Weldment, Front
77	252810	1	Clevis, Hitch
78	252820	1	Pin, Hitch
79	252870	1	Tongue Weldment
80	115590	1	Zerk, Grease 1/4"-28 TPRST
81	231970	2	Washer, Flat 1.12" x 2.25" x .209"
82	E750004	2	Carrier, Hose
83	011370	4	Bolt, HHCS 3/8" x 1.50"
84	021180	4	Washer, Lock 3/8"
85	027260	4	Nut, Hex 3/8"
86	JAR90579	1	Chain, Safety

HYDRAULIC ROW FINDER - 342970

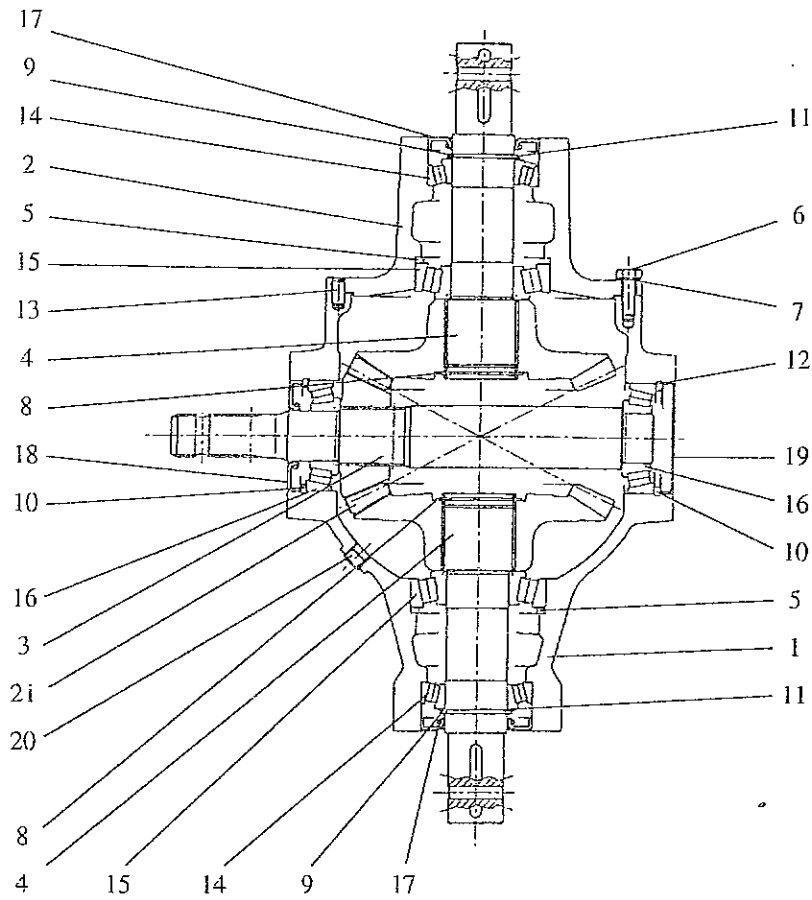


ITEM	PART NUMBER	QTY	DESCRIPTION
1	022420	-	Bolt, HHCS 3/8" x .75"
2	005370	-	Washer, Lock 1/2"
3	005360	-	Nut, Hex 1/2"
4	259470	1	Bracket, Weldment Mounting
5	259620	1	Shield, Weldment Row Finder
6	259510	1	Bracket, Weldment Frame
7	035180	-	Boit. Carriage 3/8" x 1-1/4"
8	021180	-	Washer, Lock 3/8"
9	027260	-	Nut, Hex 3/8"

HYDRAULIC ROW FINDER - 342970

ITEM	PART NUMBER	QTY	DESCRIPTION
10	JN145971	1	Bracket, Angle
11	JN145982	1	Bracket, Adjustment
12	259560	1	Arm, Weldment Centering
13	990820	-	Bolt, HHCS 3/8" x 3"
14	JN73401	-	Washer, Cupped
15	JCJ21FN	2	Spring, Compression .99" x 1.38" x 2"
16	073630	-	Nut, Lock 3/8"
17	E580053	-	Pin, Roll 5/16" x 1-3/4"
18	J34H288	-	Pin, Roll 3/16" x 1-3/4"
19	I22266R1	-	Washer, Flat 1-1/8" x 1-3/4" x .027"
20	JJD8813	2	Bearing, 1.12"
21	JAN142149	1	Sensor Assembly, Left Hand
22	049180	-	Zerk, Grease 1/4"
23	JAT30144	2	Seal, 1.1"
24	I23041R1	-	Washer, Flat 1.156" x 1.5" x .060"
25	I124829	-	Nut, Jam 3/8"
26	I120394	-	Washer, Flat .406" x .812" x .051"
27	023090	-	Pin, Cotter 3/32" x 3/4"
28	JAN71924	1	Pin, Connecting
29	JN145972	1	Bushing, 1-1/4" ID
30	JL1713C	2	Bushing, Shaft
31	259590	1	Shaft, "T" Assembly
32	I608700R1	-	Washer, Flat 1.281" x 2" x .054"
33	003950	-	Pin, Cotter 3/16" x 2"
34	JN145977	1	Shaft, Cross
35	JAN142148	1	Sensor Assembly, Right Hand
36	JN147175	1	Stud, Adjusting
37	JK40015	-	Nut, Lock 5/8"
38	J24H1373	-	Washer, Flat .656" x 1.56" x .180"
39	JN147036	-	Washer, Cupped
40	J23096	1	Spring, Compression 1" x 1-3/8" x 6"
41	JN147174	1	Stop, Spring Compression
42	I124589	-	Nut, Hex 5/8"
43	J24H1367	-	Washer, Flat .656" x 1.25" x .250"
44	JN145970	-	Bolt, Eye 5/8" x 2.6"
45	JN145981	1	Bracket, Spring
46	JN145980	-	Spacer
47	020440	-	Washer, Lock 5/8"
48	1030808	-	Pin, Roll 5/16" x 1-1/4"
49	991100	-	Pin, Expand 3/16" x 1-1/4"
50	1770500	-	Bolt, HHCS 1/2" x 1-3/4"
51	009800	-	Bolt, HHCS 5/16" x 2-1/2"
52	022910	-	Bolt, HHCS 5/16" x 2-1/4"
53	343250	1	Control Valve Assembly, Open Center
53	JAN71922	-	Plug, Open Center (Not Shown)
53	JAN140006	-	Plug, Closed Center (Not Shown)
53	JAN103932	1	Seal Kit, Row Finder Valve
54	J11H230	-	Pin, Cotter 1/16" x 3/8"
55	JN73390	-	Pin, Valve
56	JN73405	1	Clevis, Valve
57	166250	2	Adapter, Straight
58	166290	2	Adapter, Tee
59	259600	2	Hose, Hydraulic 3/8" x 79"
60	020180	-	Nut, Lock 3/8" Flange
61	021190	-	Washer, Flat .438" x 1.0" x .083"
62	023620	-	Washer, Lock 5/16"
63	023630	-	Nut, Hex 5/16"
64	005200	-	Washer, Flat 1/2"

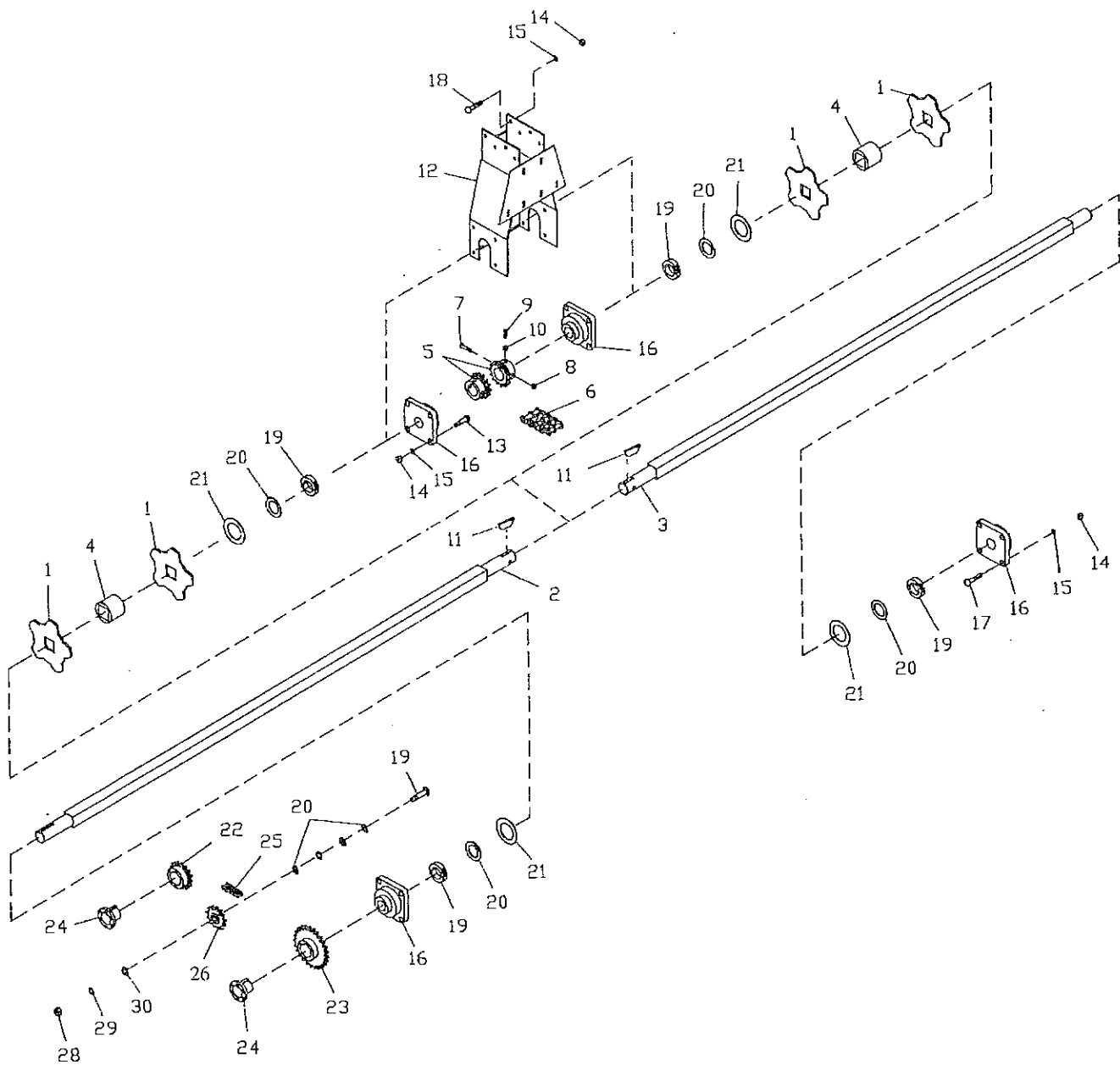
CENTER GEARBOX, 1.93:1 - 286580



CENTER GEARBOX, 1.93:1 - 286580

ITEM	PART NUMBER	QTY	DESCRIPTION
1		1	Housing, S2150
2	364490	1	End Cap Housing, S2150
3	377890	1	Shaft, S2150, 1-3/8"-21
4	377900	2	Shaft, S2150, 1-3/4" Dia.
5	377910	2	Spacer, 96" x 110" x 4.75"
6		8	Bolt, 3/8"-16 UNC
7		8	Lock Washer, 3/8"
8	377920	2	External Snap Ring, E60 DIN471
9	364510	2	External Snap Ring, E50 DIN471
10	364520	2	Internal Snap Ring, I90 DIN472
11	365410		Spacer, Bag Assortment - Main Gearbox
12			
13		2	Dowel Pin
14	364530	2	T.R. Bearing 30210, 50" x 90" x 21.75"
15	364550	2	T.R. Bearing 30310, 50" x 110" x 29.25"
16	377940	2	T.R. Bearing 30308, 40" x 90" x 25.25"
17	364560	2	Double Lip Oil Seal, 50" x 90" x 10"
18	377950	1	Double Lip Oil Seal, 40" x 90" x 10"
19	377960	1	Oil Seal Cap 90" x 10"
20	365490	3	Oil Plug, 3/8" BST (GAS) DIN906
21	377970	1	Gear Set, R=0.52"

STAR ROLLER ASSEMBLY - 288320



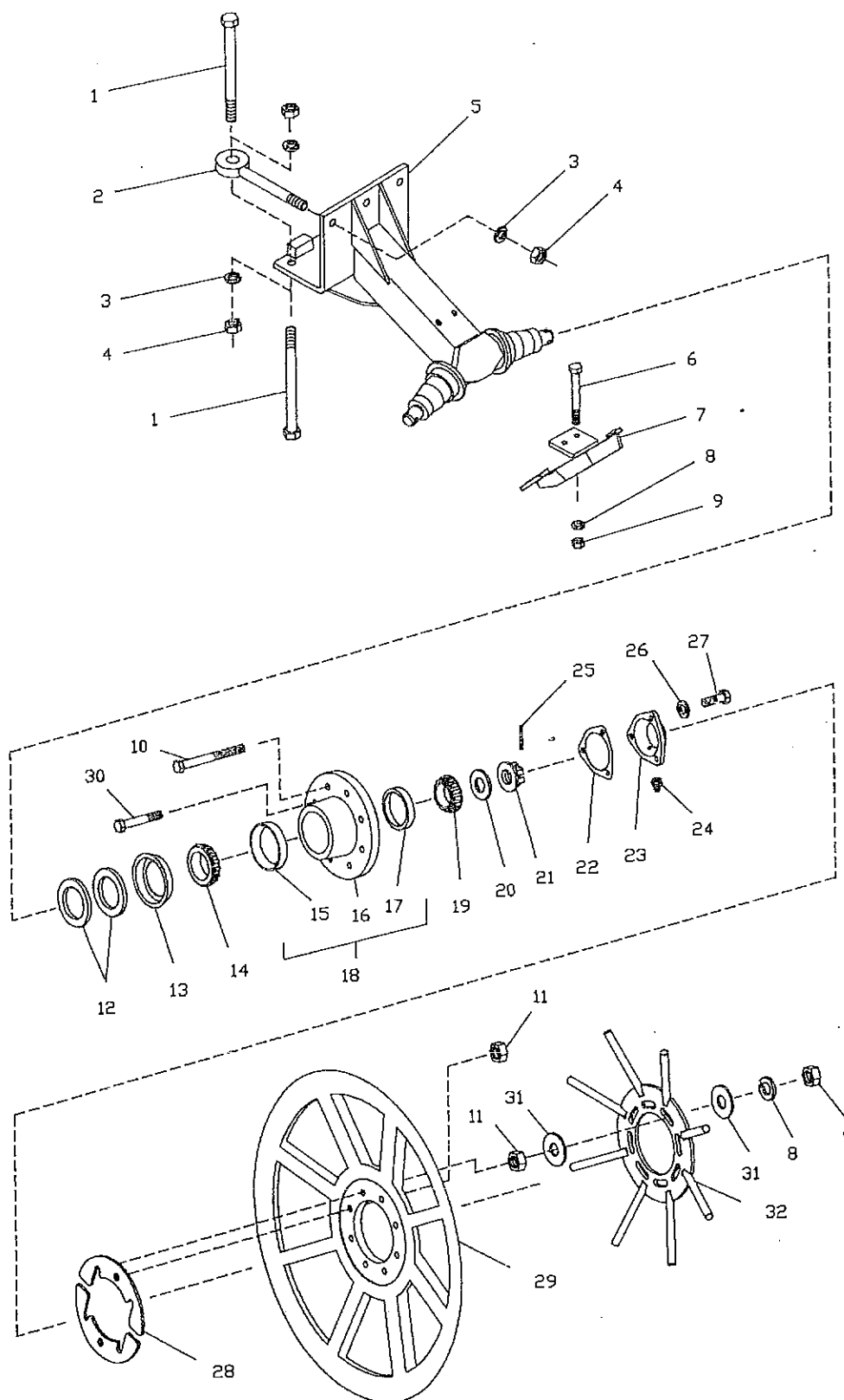
STAR ROLLER ASSEMBLY - 288320

ITEM	PART NUMBER	QTY	DESCRIPTION
1	287570	58	Plate, Star
2	287580	1	Shaft, Star Roll, Right Hand
3	287590	1	Shaft, Star Roll, Left Hand
4	287600	56	Spacer, Rubber
5	287610	2	Sprocket, H60B14 1.75" Bore
6	163770	1	Chain Coupler, 60-2 14P
7	340360	2	Bolt, HHCS 3/8" x 3.50"
8	I359783C1	2	Nut, Lock 3/8"
9	R61566	2	Screw, SHSS, 3/8"-16 x .75"
10	I124829	2	Nut, Jam, 3/8"-16
11	231950	2	Key, Woodruff 3/8" x 2.75"
12	287660	1	Support, Weld, Center Star Roll
13	014770	8	Bolt, HHCS, 1/2" x 1.50"
14	005360	24	Nut, Hex, 1/2"-13
15	005370	24	Washer, Lock 1/2"
16	E072489	4	Bearing, 1.75" 4-Bolt Flange
17	156850	8	Bolt, Carriage 1/2" x 1.50"
18	030470	8	Bolt, Carriage 1/2" x 1.25"
19	287700	4	Lock Collar, Split 1.75" B
20	E126034	4	Washer, Flat 1.88" x 2.88" x .134"
21	E126201	4	Washer, Flat 2.50" x 3.88" x .134"
22	E740215	1	Sprocket, H60P15 Split T
23	287620	1	Sprocket, H60P25 Split T
24	287630	2	Bushing, P1 1.75" Bore
25	287640	1	Roller chain Assembly, RC60 x 43P
26	E366013	1	Sprocket 60B13 Idler
27	E096058	1	Bolt, Carriage 5/8" x 2.50"
28	I124589	1	Nut, Hex 5/8"-11
29	020440	1	Washer, Lock 5/8"
30	035210	5	Washer, Flat .656" x 1.31" x .095"

DRIVE ASSEMBLY, PADDLE SHAFT - 288330

ITEM	PART NUMBER	QTY		DESCRIPTION
		6 ROW	8 ROW	
1	R61566	3	3	Screw, SHSS 3/8"-16 x .75" Plain
2	I124829	3	3	Nut, Hex Jam 3/8"-16
3	I131017	AR	AR	Washer, Flat .812" x 1.46" x .108"
4	I21719R1	AR	AR	Washer, Flat 2.03" x 2.75" x 1.05"
5	I25547R1	4	4	Washer, .656" x 1.312" x .188" PHC HDN
6	I359783CI	3	3	Nut, Lock 3/8"-16 Grade 8
7	I9413967	4	4	Nut, Lock 1/2"-13
8	E126201	1	1	Bushing, 2.50" x 3-7/8" x 10 GA
9	E280016	1	1	Flange Weldment, Spring
10	E358044	1	1	Housing Assembly, Clutch
11	E724122	1	1	Spacer, Bushing .824" x 1.050" x .500"
12	E740881	1	1	Sprocket, 80A 45
13	E072358	4	4	Bearing, 2.0 PB, CI, Housing w/LC
14	020440	8	8	Washer, Lock 5/8"
15	I124589	8	8	Nut, Hex 5/8"-11
16	023110	8	8	Bolt, HHCS 5/8"-11 x 2.50"
17	030380	2	2	Key, Sq. 3/8" x 3.0"
18	035210	16	16	Washer, Flat .656" x 1.312" x .095"
19	J14H794	1	1	Nut, Hex 3/4"-10
20	036800	1	1	Washer, Lock 3/4"
21	040900	1	1	Pin, Roll 3/16" x 1.62"
22	042110	1	1	Nut, Slotted Hex 1"-14
23	I121555	8	8	Nut, Hex Jam 5/8"-11
24	1770500	4	4	Bolt, HHCS 1/2"-13 x 1.75"
25	225040	2	2	Jaw, Hardened Slip Clutch
26	288390	1	1	Chain, Roller RC80H x 152 Pitch
27	231950	2	2	Key, Woodruff 3/8" x 2.75"
28	288340	1	1	Shaft Weldment, Paddle Driven
29	238430	1	1	Hub Weldment, Slip Clutch
30	239080	4	4	Spring, Compression Slip Clutch
31	240550	1	1	Sprocket, Idler 80-12T w/Washer
32	288360	1	1	Shaft Weldment, Paddle Drive
33	288380	1	1	Chain, RC80-2 2 OP Coupler
34	288370	2	2	Sprocket, RC80 20T
35	340360	3	3	Bolt, HHCS 3/8"-16 x 3.50" Grade 8
36	288400	1	1	Guide, Chain UHMW #80
37	340560	1	1	Sprocket Assembly, Double RC60-RC80
38	990680	4	4	Bolt, HHCS 5/8"-11 x 5.50"
39	990860	1	1	Bolt, HHCS 3/4" x 2.75"
40	E672128	3	3	Screw, CSK Flat HD 3/8"-16 x 1.0"
41	021180	3	3	Washer, Lock 3/8"
42	021190	3	3	Washer, Flat .438" x 1.00" x .083"
43	027260	3	3	Nut, Hex 3/8"-16
44	-----	-	-	-
45	I9413967	112	84	Nut, Hex Lock 1/2"-13
46	014770	48	36	Bolt, HHCS 1/2" x 1.50" - 1/2"
47	023950	64	48	Bolt, HHCS 1/2" x 2.00"
48	248800	24	18	Paddle, Rubber
49	273280	24	18	Strap, Paddle
50	354220	8	6	Paddle Weldment, Right Hand Double
51	354230	8	6	Paddle Weldment, Left Hand Double
52	354240	8	6	Paddle Weldment, Right Hand Single
53	354250	8	6	Paddle Weldment, Left Hand Single

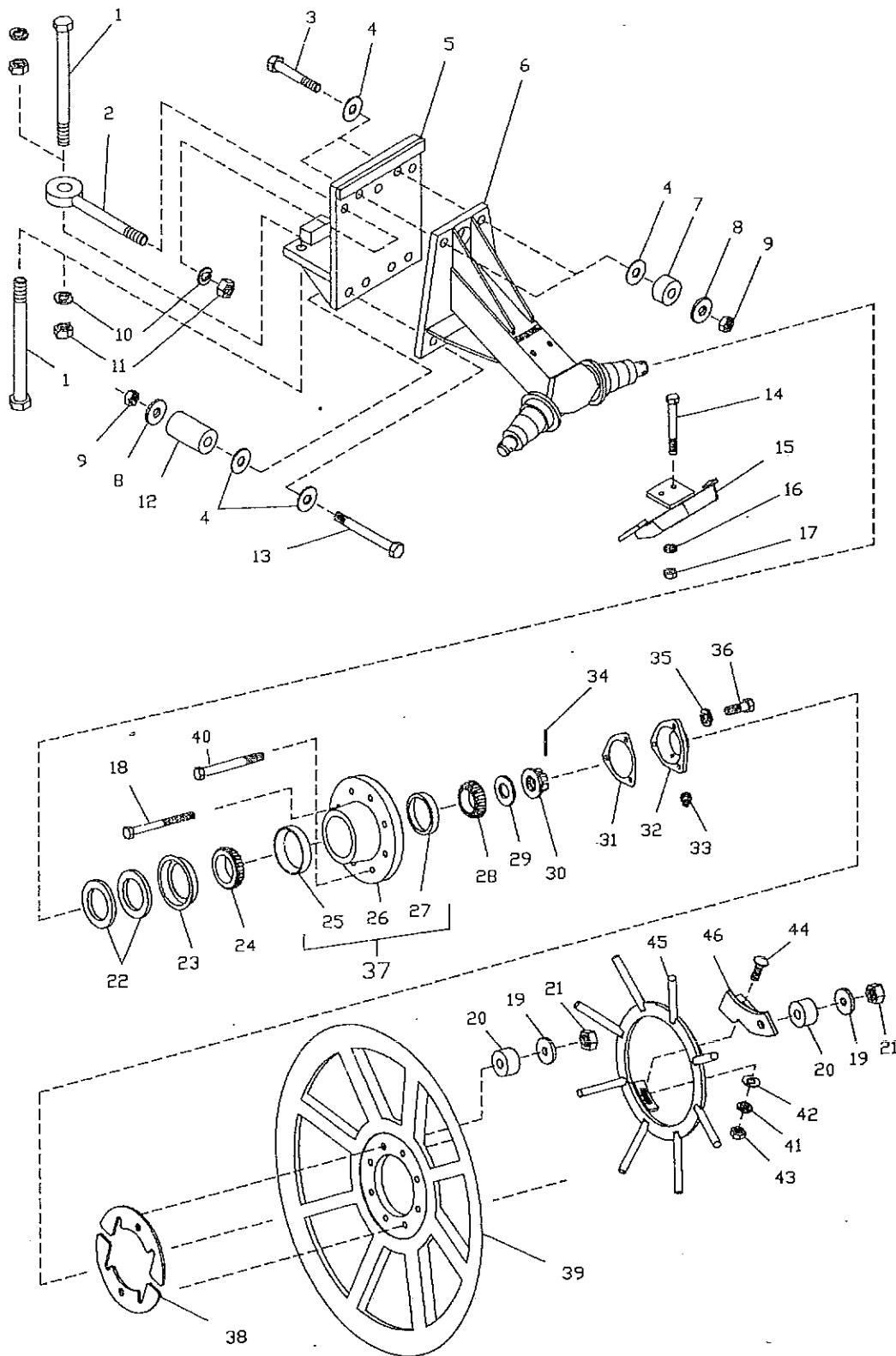
LIFTER WHEEL STANDARD STRUT - 353280



LIFTER WHEEL STANDARD STRUT - 353280

ITEM	PART NUMBER	QTY	DESCRIPTION
1	E672071	3	Bolt, HHCS 5/8" x 8-1/2"
1	E672362	3	Bolt, HHCS 5/8" x 9" (for Row Finder)
2	E096016	3	Bolt, Eye 5/8" x 6.0"
3	020440	-	Washer, Lock 5/8"
4	1124589	-	Nut, Hex 5/8"
5	267370	1	Strut Weldment, Standard
6	018310	2	Bolt, HHCS 1/2" x 6.0"
7	341310	1	Bullhorn Weld, Scraper
8	005370	-	Washer, Lock 1/2"
9	005360	-	Nut, Hex 1/2"
10	353290	4	Bolt, Special 1/2" x 4.0"
11	127890	-	Nut, Lock 1/2"
12	263170	4	Washer, Felt
13	263160	2	Retainer, Felt
14	261640	2	Cone, Bearing 2.375"
15	261650	2	Cup, Bearing
16	267350	2	Hub, Lift Strut
17	E072462	2	Cup, Bearing
18	267430	2	Hub Assembly, w/Cups
19	184960	2	Cone, Bearing 2"
20	E829036	-	Washer, Flat 1-1/4"
21	340320	-	Nut, Slotted 1-1/4" Flange
22	JN70509	2	Gasket, Hub
23	JN72550	2	Cap, Hub
24	JJD7798	-	Zerk, Grease 1/8"
25	013600	-	Pin, Roll 1/4" x 2.0"
26	021180	-	Washer, Lock 3/8"
27	012260	-	Bolt, HHCS 3/8" x 1.0"
28	268570	8	Spacer, Wheel
29	344430	2	Lifter Wheel, Cast Steel
30	031580	-	Bolt, HHCS 1/2" x 2.75"
31	005200	-	Washer, Flat 1/2"
32	267480	2	Closeup, Lifter Wheel

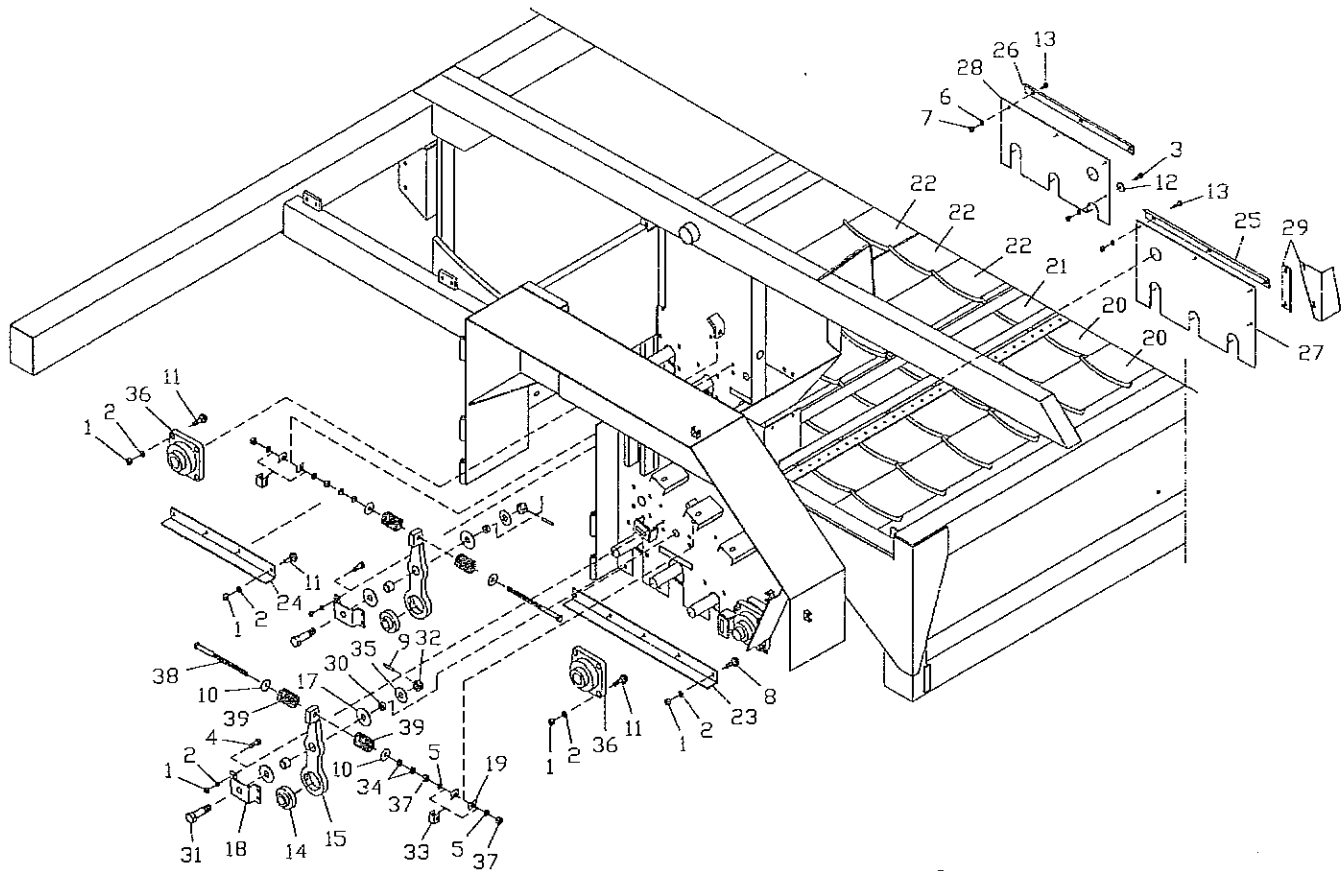
LIFTER WHEEL FLEX STRUTS - 268890



LIFTER WHEEL FLEX STRUTS - 268890

ITEM	PART NUMBER	QTY	DESCRIPTION
1	E672449	3	Bolt, HHCS 3/4" x 9.50" G ZN (For Row Finder)
1	147170	3	Bolt, HHCS 3/4" x 9.0"
2	251530	3	Bolt, Eye 3/4" x 6.50"
3	056720	2	Bolt, HHCS 5/8" x 4.0"
4	020430	-	Washer, Flat .688" x 1.75" x .134"
5	248280	1	Strut, Weldment, Flex Upper
6	267360	1	Strut, Weldment, Flex Lower
7	248290	2	Pad, Flex 1.00"
8	340310	-	Washer, Flat .656" x 2.0" x .25"
9	E552046	-	Nut, Lock 5/8"
10	036800	-	Washer, Lock 3/4"
11	J14H794	-	Nut, Hex 3/4"
12	248300	4	Pad, Flex 3.00"
13	990680	4	Bolt, HHCS 5/8" x 5.50"
14	018310	2	Bolt, HHCS 1/2" x 6.0"
15	341310	1	Bullhorn Weldment, Scraper
16	005370	-	Washer, Lock 1/2"
17	005360	-	Nut, Hex 1/2"
18	340300	8	Bolt, Hex 1/2" x 4.25"
19	I486801R1	-	Washer, Flat .531" x 2.0" x .25"
20	267710	12	Pad, Flex 1.00"
21	127890	-	Nut, Lock 1/2"
22	263170	4	Washer, Felt
23	263160	2	Retainer, Felt
24	261640	2	Cone, Bearing 2.375"
25	261650	2	Cup, Bearing
26	267350	2	Hub, Lifter Strut 8-Bolt
27	E072462	2	Cup, Bearing
28	184960	2	Cone, Bearing 2"
29	E829036	-	Washer, Flat 1.31" x 2.5" x .156"
30	340320	-	Nut, Slotted 1-1/4" Flange
31	JN70509	2	Gasket, Hub
32	JN72550	2	Cap, Hub
33	JJD7798	-	Zerk, Grease 1/8"
34	013600	-	Pin, Roll 1/4" x 2"
35	021180	-	Washer, Lock 3/8"
36	012260	-	Bolt, HHCS 3/8" x 1.0"
37	267430	2	Hub Assembly, w/Cups
38	268570	2	Spacer, Wheel 1/4"
39	264670	2	Lifter Wheel, Cast Steel
40	030420	4	Bolt, HHCS 1/2" x 4.50"
41	021180	-	Washer, Lock 3/8"
42	021190	-	Washer, Flat 3/8"
43	027260	-	Nut, Hex 3/8"
44	035180	-	Bolt, Carriage 3/8" x 1.25"
45	340260	2	Closeup, Lifter Wheel Flex
46	341290	4	Bracket, Mounting

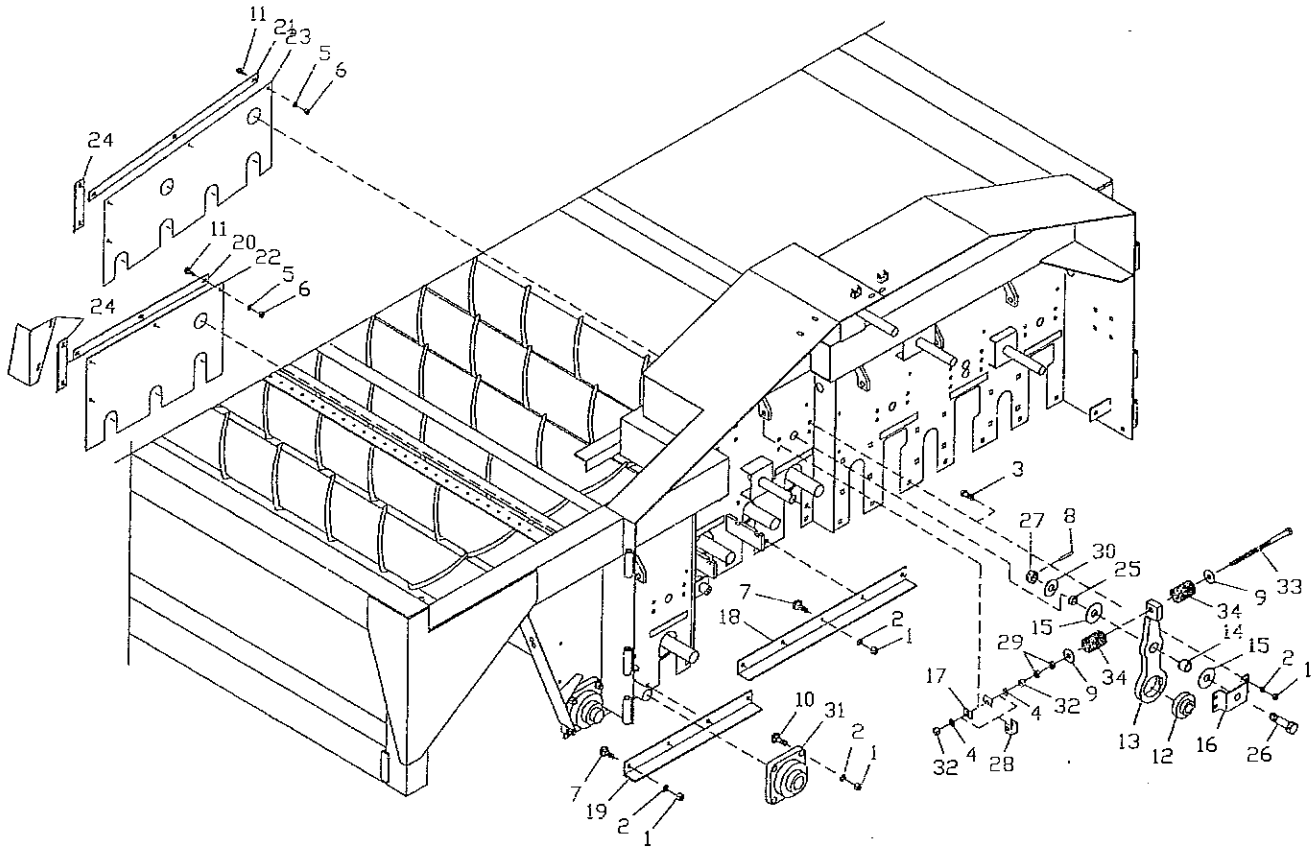
CONVEYOR ROLL DRIVE DISCHARGE - 287730-1



CONVEYOR ROLL DRIVE DISCHARGE - 287730-1

ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	33	Nut, Hex 1/2"
2	005370	33	Washer, Lock 1/2"
3	012260	1	Bolt, HHCS, 3/8" x 1.0"
4	014770	8	Bolt, HHCS, 1/2" x 1.50"
5	020440	4	Washer, Lock 5/8"
6	021180	8	Washer, Lock 3/8"
7	027260	8	Nut, Hex 3/8"
8	030470	8	Bolt, Carriage 1/2" x 1.25" SSN
9	040900	2	Pin, Roll 3/16" x 1.62"
10	127920	4	Washer, Flat .65" x 1.38" x .18"
11	156850	16	Bolt, Carriage 1/2" x 1.50" SSN
12	169280	1	Washer, Flat .40" x 1.50" x .12"
13	170530	7	Bolt, Carriage 3/8" x 1.0" SSN
14	236490	2	Bearing, 1.75" w/Collar
15	264710	2	Arm Assembly, Grabroll Drive
16	264730	2	Bushing, Grabroll Drive
17	264740	4	Washer, Hardened 1.06" x 3" x .12"
18	264770	2	Bracket, Grabroll Arm
19	264780	4	Washer, Oval 5/16" x 1.25" x 1.5"
20	286800	2	Conversion Roll, 692 #1 & #2 Spiral
21	286810	1	Conversion Roll, 692 #3 Spiral
22	286820	1	Conversion Roll, 692 #4, 5, 6, Spiral
23	287980	1	Bushing, QD SD 1.75" Bore
24	287990	1	Angle, Stiffener 22.5"
25	288010	1	Strap, Top Front Conversion
26	288020	1	Strap, Top Right Hand Rear Conversion
27	288040	1	Flap, Rubber Front Conversion
28	288050	1	Flap, Rubber Right Hand Rear
29	343430	1	Strap, Front 6 Row
29	289880	1	Bracket, Right Hand Barrier 8 Row
30	344250	2	Bushing, Steel 1.0" x 1.25" x 0.50"
31	344270	2	Bolt, HHCS 1" x 3.50" Grade 8
32	344280	2	Nut, Hex 1" Grade 8
33	344310	2	Clip, Retainer Drive
34	344630	4	Nut, Hex Jam 5/8" Grade 8
35	990720	2	Washer, Flat 1.06" x 2.50" x .16"
36	E072489	4	Bearing, 1.75" 4-Bolt Flange
37	I124589	4	Nut, Hex 5/8"
38	J08H4753	2	Bolt, HHCS 5/8" x 10.50" Grade 8
39	JN14279	4	Spring, Compression .75" x 1.3" x 2.5"
40	962090	1	Loctite, Anti-Seize Lub #76759

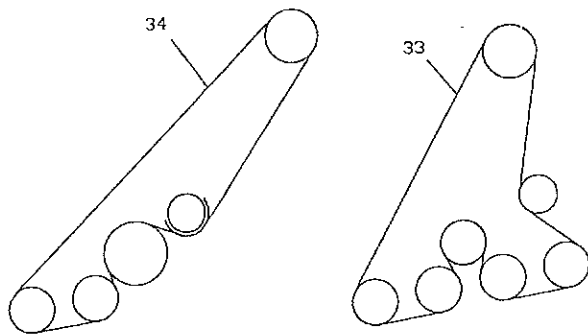
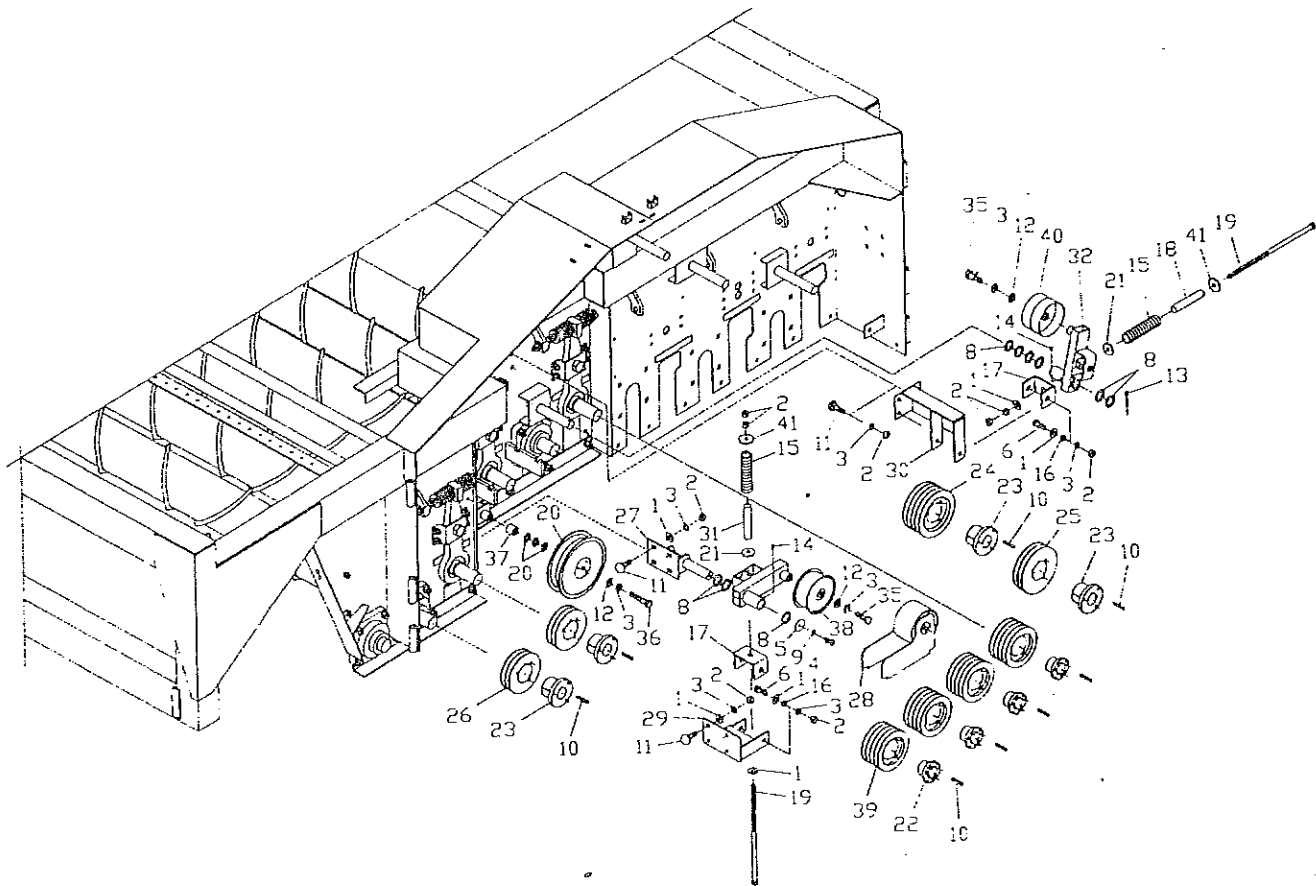
CONVEYOR ROLL DRIVE - 287730-2



CONVEYOR ROLL DRIVE - 287730-2

ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	33	Nut, Hex 1/2"
2	005370	33	Washer, Lock 1/2"
3	014770	12	Bolt, HHCS 1/2" x 1.50"
4	020440	6	Washer, Lock 5/8"
5	021180	8	Washer, Lock 3/8"
6	027260	8	Nut, Hex 3/8"
7	030470	8	Bolt, Carriage 1/2" x 1.25" SSN
8	040900	3	Pin, Roll 3/16" x 1.62"
9	127920	6	Washer, Flat, .65" x 1.38" x .18"
10	156850	12	Bolt, Carriage, 1/2" x 1.50" SSN
11	170530	8	Bolt, Carriage, 3/8" x 1.0" SSN
12	236490	3	Bearing, 1.75" w/Collar
13	264710	3	Arm Assembly, Grabroll Drive
14	264730	3	Bushing, Grabroll Drive
15	264740	6	Washer, Hardened 1.06" x 3" x .12"
16	264770	3	Bracket, Grabroll Arm
17	264780	6	Washer, Oval 5/16" x 1.25" x 1.5"
18	287980	1	Angle, Stiffener 31.5"
19	288000	1	Angle, Stiffener 24"
20	288010	1	Strap, Top Front Conversion
21	288030	1	Strap, Left Hand Top Rear Conversion
22	288040	1	Flap, Rubber Front Conversion
23	288060	1	Flap, Rubber Left Hand Rear
24	343430	1	Strap, Front
24	289870	1	Bracket, Left Hand Barrier 8 Row
25	344250	3	Bushing, Steel 1.0" x 1.25" x .50"
26	344270	3	Bolt, HHCS 1" x 3.50" Grade 8
27	344280	3	Nut, Slotted Hex 1" Grade 8
28	344310	3	Clip, Retainer Drive
29	344630	6	Nut, Hex Jam 5/8" Grade 8
30	990720	3	Washer, Flat 1.06" x 2.5" x .16"
31	E072489	3	Bearing, 1.75" 4-Bolt Flange
32	II24589	6	Nut, Hex 5/8"
33	J08H4753	3	Bolt, Hex 5/8" x 10.50" Grade 8
34	JN14279	6	Spring, Compression, .75" x 1.3" x 2.5"
35	962090	1	Locktite, Anti-Seize Lub #76759

CONVEYOR ROLL DRIVE - 287730-3

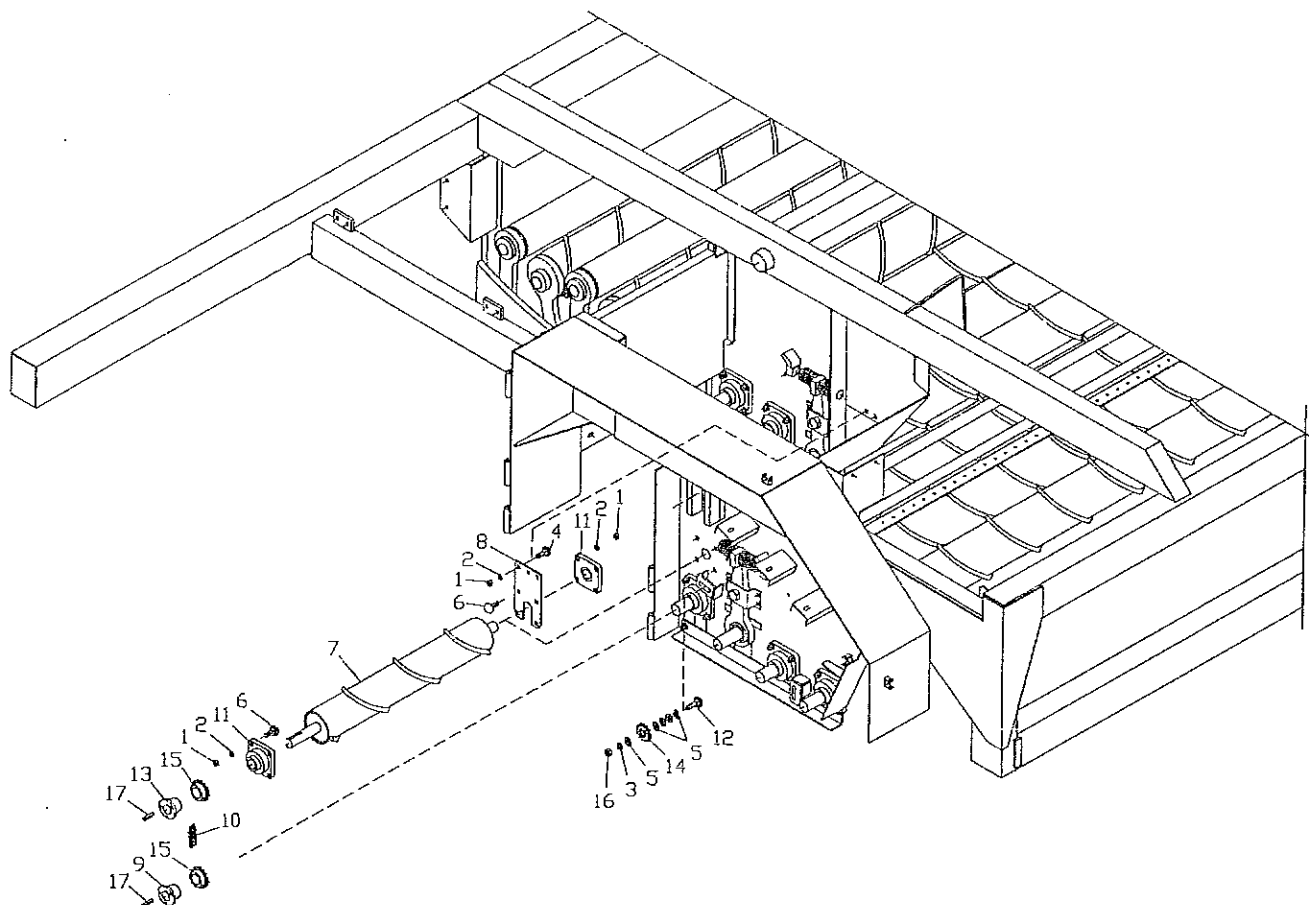


Belt Path

CONVEYOR ROLL DRIVE - 287730-3

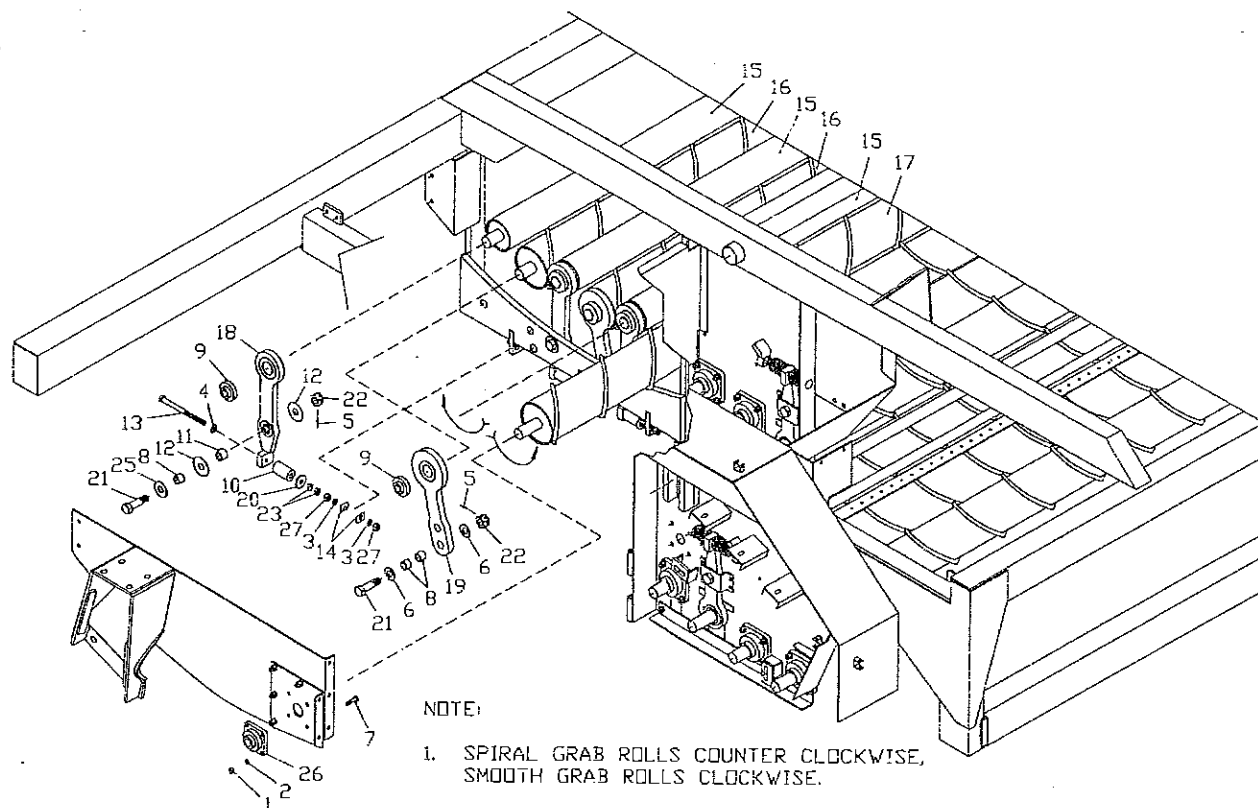
ITEM	PART NUMBER	QTY	DESCRIPTION
1	005200	14	Washer, Flat .56" x 1.38" x .109"
2	005360	20	Nut, Hex 1/2"
3	005370	16	Washer, Lock 1/2"
4	012260	1	Bolt, HHCS 3/8" x 1.0"
5	012270	1	Washer, Flat .406" x 1.75" x .134"
6	014770	4	Bolt, HHCS 1/2" x 1.50"
7	020440	3	Washer, Lock 5/8"
8	020880	9	Washer, Flat 1.25" x 1.75" x .134"
9	021180	1	Washer, Lock 3/8"
10	167920	1	Key, 3/8" Sq. x 2.50"
11	030470	12	Bolt, Carriage 1/2" x 1.25" SSN
12	035210	6	Washer, Flat .656" x 1.31" x .095"
13	114370	1	Pin, Cotter 1/4" x 2.0"
14	115590	2	Zerk, 1/-28 Taper Self-Tap
15	231000	2	Spring, Compression 1.62" x 7.25"
16	231030	4	Spacer, .75" x .51" x .38"
17	231040	2	Bracket, Spring Pivot
18	239040	1	Spacer, 1.0" x .64" x 4.25"
19	231070	2	Rod Weldment, 15" Take-Up
20	234800	1	Pulley, 8" OD x 2.0" W .62" B
21	268560	2	Washer, Flat .531" x 1.75" x .25"
22	287080	4	Bushing, QD SD 1.75" Bore
23	288070	4	Bushing, Q1 Split Taper 1.75"
24	288080	1	Sheave, 4B66Q Split Taper
25	288090	1	Sheave, 2B66Q Split Taper
26	288100	2	Sheave, 2B56Q Split Taper
27	288140	1	Pin Weldment, Idler Arm
28	288200	1	Idler Assembly, Fixed Conversion Drive
29	288210	1	Bracket Weldment
30	288250	1	Bracket Weldment
31	288270	1	Spacer, 1.0" x .64" x 5.25"
32	288280	2	Arm Weldment, Idler
33	288420	1	V-Belt, EL 4B 136.5"
34	288430	1	V-Belt, EL 2B 124.5"
35	990620	1	Bolt, HHCS 5/8" - 11 x 2.0"
36	990650	1	Bolt, HHCS 5/8" - 11 x 3.0"
37	E126195	1	Bushing, 1.25" x .688" x 1.12"
38	E366022	1	Idler, Smooth 5.75" x .62" x 2.0"
39	E706093	4	Sheave, 4B 5.6" SD
40	E706099	1	Sheave, Flat 5.0" x .62" x 3.25"
41	I486801R1	2	Washer, .531" x 2.0" x .25"

DIVERTER ROLL - 286150



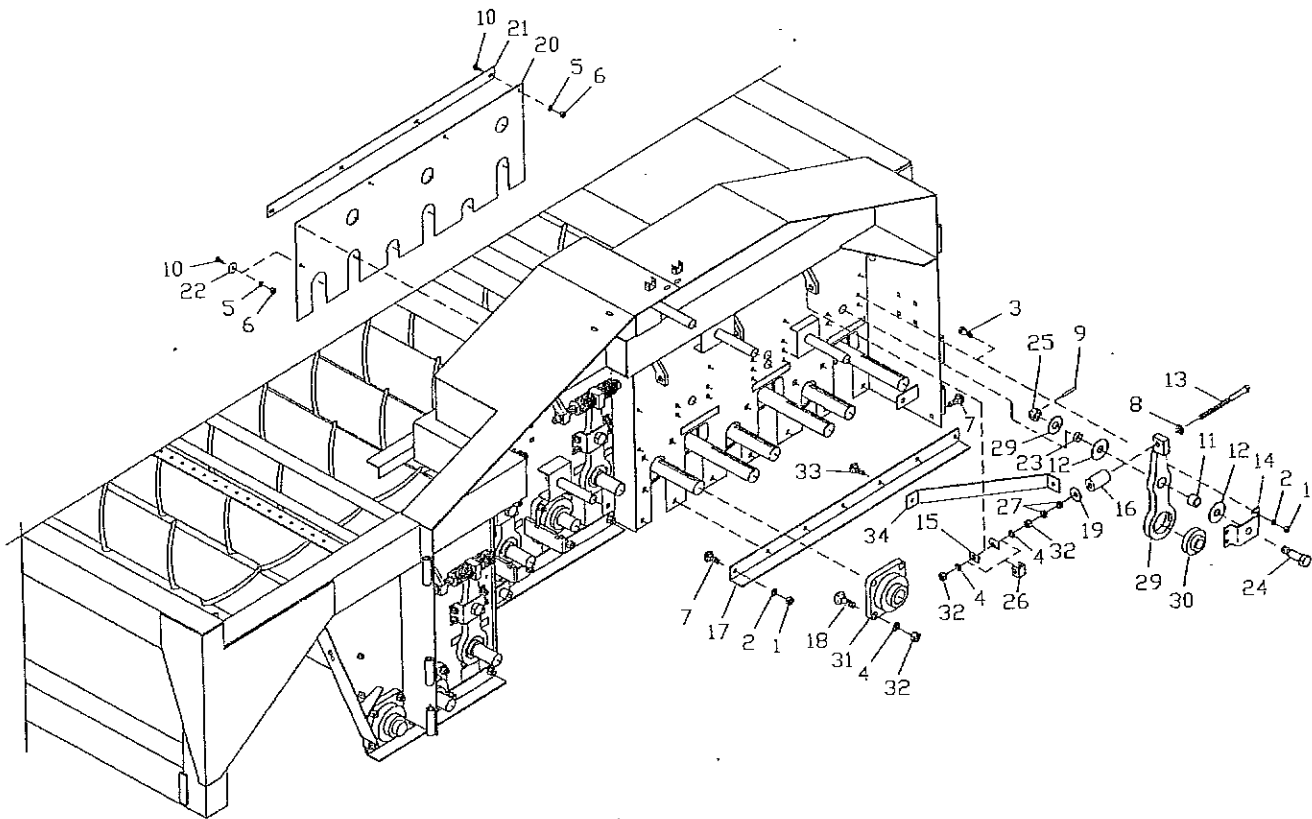
ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	11	Nut, Hex 1/2"
2	005370	11	Washer, Lock 1/2"
3	020440	1	Washer, Lock 5/8"
4	030470	3	Bolt, Carriage 1/2" x 1.25" SSN
5	035210	5	Washer, Flat .66" x 1.31" x .095"
6	156850	8	Bolt, Carriage 1/2" x 1.50" SSN
7	287320	1	Diverter Roll, 692
8	287380	1	Support, Diverter Roll
9	287630	1	Bushing, PJ 1.75" Split Taper
10	287650	1	Roll Chain Assembly, RC60 x 36P
11	E072103	2	Bearing, 1.44" 4-Bolt Flange
12	E096058	1	Bolt, Carriage 5/8" x 2.50"
13	E126008	1	Bushing, 1.44" Split Taper
14	E366013	1	Sprocket, Idler 60B13
15	E740215	2	Sprocket, 60P15
16	1124589	1	Nut, Hex 5/8"
17	021530	2	Key, 3/8" Sq. x 2.00"

GRAB ROLL DRIVE DISCHARGE - 287720-1



ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	4	Nut, Hex 1/2"
2	005370	4	Washer, Lock 1/2"
3	020440	6	Washer, Lock 5/8"
4	035210	3	Washer, Flat .66" x 1.31" x .095"
5	040900	7	Pin, Roll 3/16" x 1.62"
6	1107389	8	Washer, Flat 1.06" x 2.0" x .134"
7	1770500	4	Bolt, HHCS 1/2" x 1.75"
8	232240	11	Bushing, 1.25" to 1.0" x 1.0"
9	236490	5	Bearing, 1.75" w/Lock Collar
10	248300	3	Pad, Flex 1.75" x 75 x 3.0"
11	264730	3	Bushing, 1.50" to 1.02" x 1.07"
12	264740	6	Washer, Hardened 1.06" x 3" x .12"
13	264760	3	Bolt, HHCS 5/8" x 8.50" Grade 8
14	264780	6	Washer, Oval 5/8" x 1.25" x 1.5"
15	286610	3	Grab Roll, Smooth 692
16	286690	2	Grab Roll, 3 & 5 Spiral
17	286780	1	Grab Roll, #1 Spiral
18	287050	3	Arm Weld, Discharge
19	287070	2	Arm, Grab Roll Discharge
20	340310	3	Washer, Flat .66" x 2.0" x .25"
21	344270	7	Bolt, HHCS, 1" x 3.50" Grade 8
22	344280	7	Nut, Hex 1" Grade 8
23	344630	6	Nut, Hex Jam 5/8" Grade 8
24	962090	1	Loctite Anti-Seize Lub
25	990720	3	Washer, Flat 1.06" x 2.50" x .16"
26	E072102	1	Bearing, 1.62" 4-Bolt Flange
27	I124589	6	Nut, Hex 5/8"
28	962090	1	Loctite, Anti-Seize Lub #76759

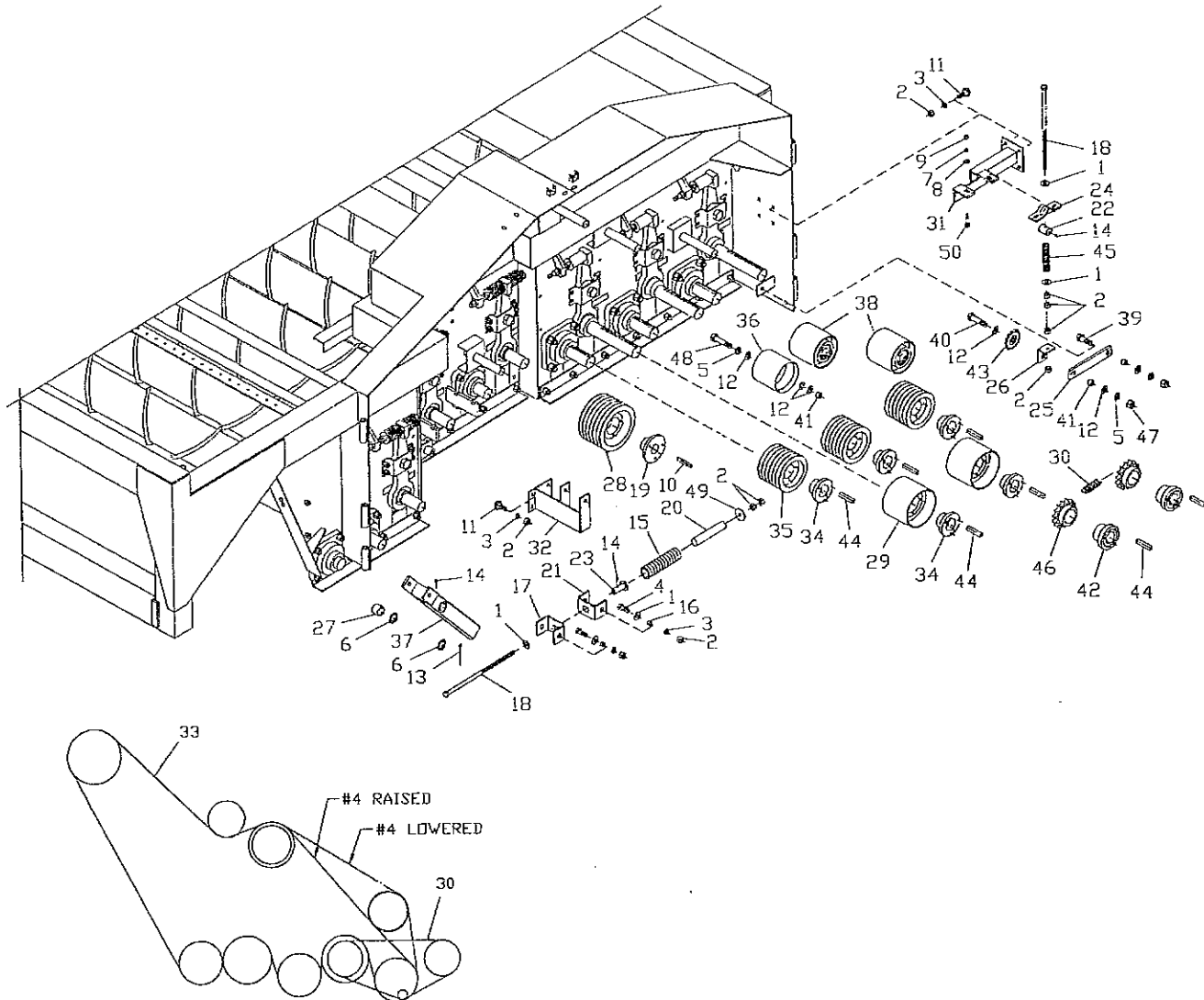
GRAB ROLL DRIVE - 287720-2



GRAB ROLL DRIVE - 287720-2

ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	20	Nut, Hex 1/2"
2	005370	20	Washer, Lock 1/2"
3	014770	12	Bolt, HHCS 1/2" x 1.50"
4	020440	18	Washer, Lock 5/8"
5	021180	5	Washer, Lock 3/8"
6	027260	5	Nut, Hex 3/8"
7	030470	7	Bolt, Carriage 1/2" x 1.25" SSN
8	035210	3	Washer, Flat .656" x 1.31" x .095"
9	040900	3	Pin, Roll 3/16" x 1.62"
10	170530	5	Bolt, Carriage 3/8" x 1.0" SSN
11	264730	3	Bushing, 1.00" x 1.50" x 1.078"
12	264740	6	Washer, Hardened 1.06" x 3" x .12"
13	264760	3	Bolt, HHCS 5/8" x 8.50" Grade 8
14	264770	3	Bracket, Grab Roll Arm
15	264780	6	Washer, Oval 5/16" x 1.25" x 1.5"
16	264800	3	Pad, Flex 1.75" x .75" x 3.0"
17	287780	1	Angle, Stiffener 42.5"
18	287880	12	Bolt, Carriage 5/8" x 2.0" SSN
19	340310	3	Washer, Flat .66" x 2.0" x .25"
20	343410	1	Flap, Rubber Grab Roll
21	343420	1	Strap, Top
22	169280	1	Washer, Flat .406" x 1.50" x .12"
23	344250	3	Bushing, Steel 1.0" x 1.25" x .50"
24	344270	3	Bolt, HHCS 1" x 3.50" Grade 8
25	344280	3	Nut, Slotted Hex 1" Grade 8
26	344310	3	Clip, Retainer Drive
27	344630	6	Nut, Hex Jam 5/8" Grade 8
28	346110	3	Arm Assembly, Grab Roll Drive
29	990720	3	Washer, Flat 1.06" x 2.5" x .16"
30	E072431	3	Bearing, 2.00" Insert w/Lock Collar
31	E072445	3	Bearing, 2.00" 4-Bolt Flange
32	1124589	18	Nut, Hex 5/8"
33	156850	1	Bolt, Carriage 1/2" x 1.50" SSN
34	289230	1	Bracket, Stiffener
35	962090	1	Loctite, Anti-Seize Lub #76759

GRAB ROLL DRIVE - 287720-3

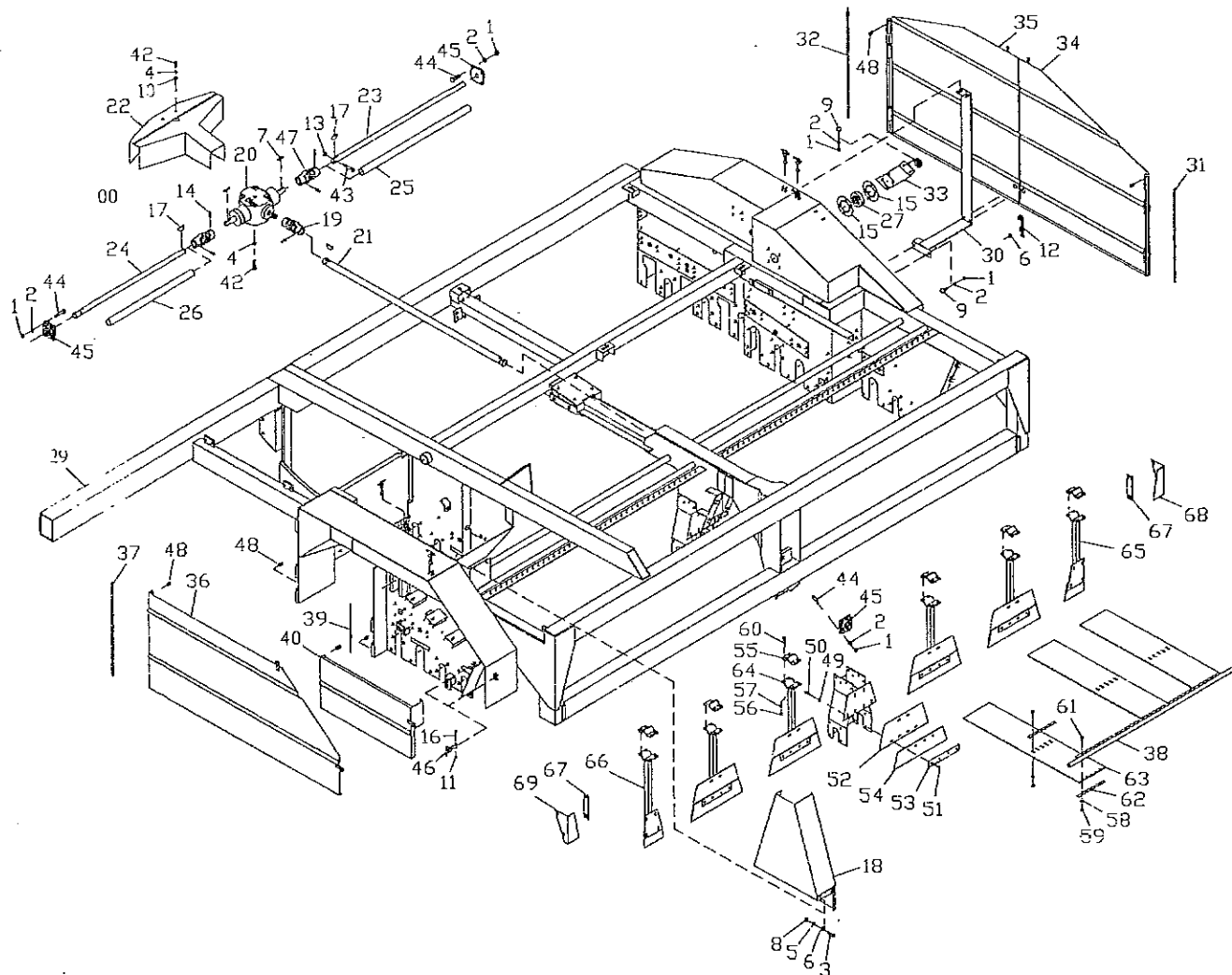


Belt Path/Chain Drive

GRAB ROLL DRIVE - 287720-3

ITEM	PART NUMBER	QTY	DESCRIPTION
1	005200	7	Washer, Flat .56" x 1.38" x .109"
2	005360	18	Nut, Hex 1/2"
3	005370	12	Washer, Lock 1/2"
4	014770	4	Bolt, HHCS 1/2" x 1.50"
5	020440	3	Washer, Lock 5/8"
6	020880	7	Washer, Flat 1.25" x 1.75" x .134"
7	021180	2	Washer, Lock 3/8"
8	021190	2	Washer, Flat .44" x 1.00" x .083"
9	027260	2	Nut, Hex 3/8"
10	030380	1	Key, Sq. 3/8" x 3.0"
11	030470	8	Bolt, Carriage 1/2" x 1.25"
12	035210	9	Washer, Flat .656" x 1.31" x .095"
13	114370	1	Pin, Cotter 1/4" x 2.0"
14	115590	3	Zerk, 1/4" Taper Self-Tap St.
15	231000	1	Spring, Compression 1.62" x 7.25"
16	231030	4	Spacer, .51" x .75" x .38"
17	231040	1	Bracket, Spring Pivot
18	231070	2	Rod Weldment, Take up 1/2" x 15.0"
19	234760	1	Bushing, SF 1.75" Split Taper
20	239040	1	Spacer, .64" x 1.0" x 4.25"
21	251010	1	Bracket, Spring Pivot
22	251020	1	Guide
23	251030	1	Guide
24	251830	1	Bracket Weldment, Take-Up
25	264810	1	Arm, Idler .5" x 2" x 9"
26	264820	1	Bracket, Rod Support
27	287710	1	Spacer, .126" x 1.50" x 1.25"
28	287090	1	Sheave, 6B-7.75" QD SF Hub
29	287100	2	Sheave Weldment, Flat 6.38" SK
30	287560	1	Chain Assembly, RC60 x 59P
31	287750	1	Bracket Weldment, Spring Support
32	287840	1	Bracket Weldment, Spring Support
33	288410	1	V-Belt, 160.0" EL6B Powerband
34	346340	5	Bushing, SK 2.0"
35	346380	3	Sheave, 6B-6.15" SK Hub
36	346830	1	Sheave, Idler 5.21" x 5.0"
37	346870	1	Arm Weldment, Grab Roll Idler
38	346900	2	Sheave Assembly, 5.37" x 1.25"
39	990620	1	Bolt, HHCS 5/8" x 2.0"
40	990650	1	Bolt, HHCS 5/8" x 3.0"
41	E126020	3	Bushing, Steel .66" x .878" x .56"
42	E126080	2	Bush, Split Taper Q1 2.0" x .25" x .50"
43	E366013	1	Sprocket, 60B13 Idler
44	E388049	5	Key, Sq. .50" x 3.0"
45	E738050	1	Spring, Compression .105" 26 6.0
46	E740265	2	Sprocket, 60 Q 20
47	I124589	2	Nut, Hex 5/8"
48	I271728	1	Bolt, HHCS 5/8" x 3.25"
49	I48680R1	1	Washer, NT .531" x 2.0" x .25"
50	I03H1558	2	Bolt, Carriage 3/8" x 1.50" SN

FRONT FRAME ASSEMBLY - 286160

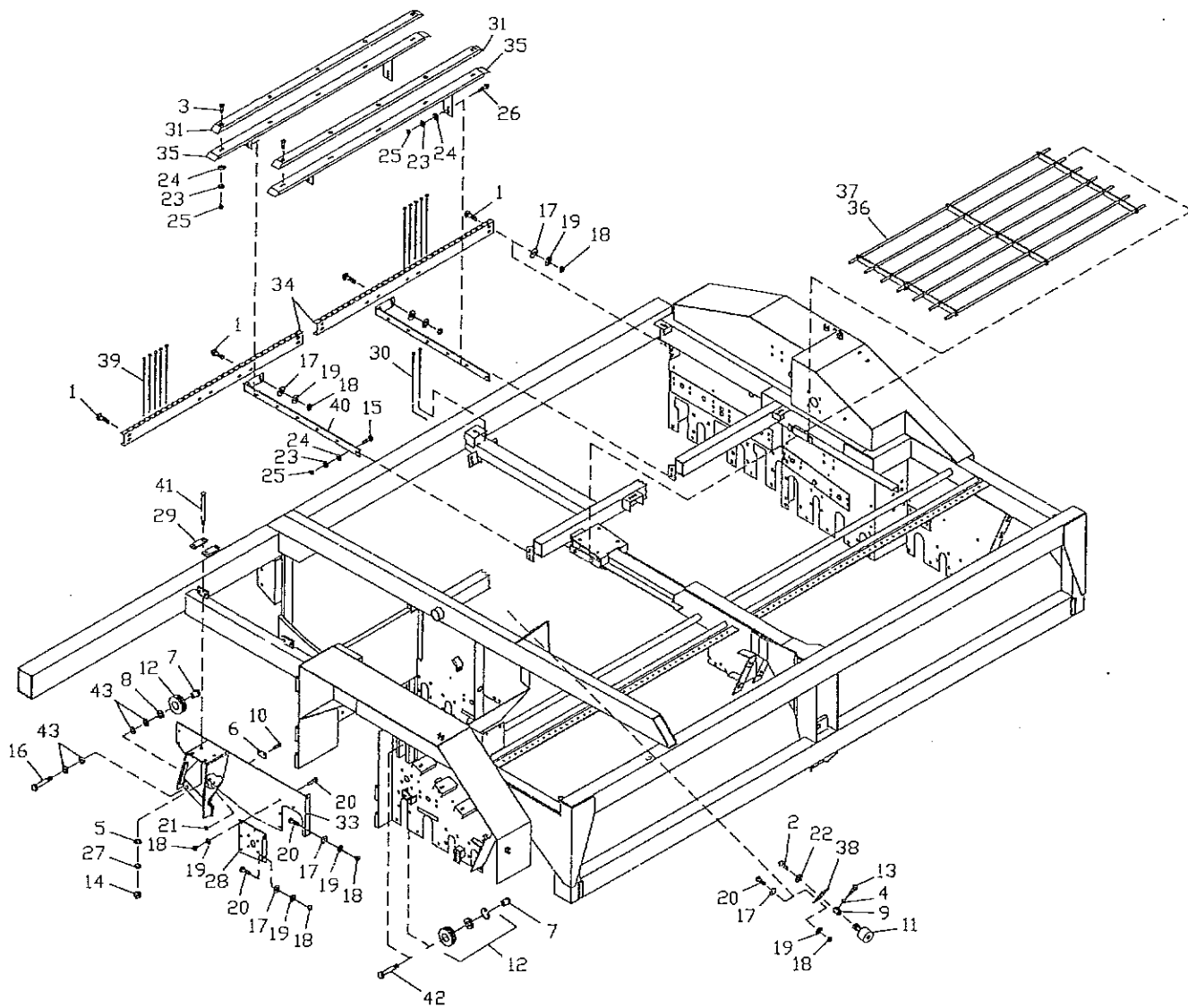


ITEM	PART NUMBER	QTY		DESCRIPTION
		8 ROW	6 ROW	
1	005360	22	22	Nut, Hex 1/2"
2	005370	22	22	Washer, Lock 1/2"
3	012260	2	2	Bolt, HHCS 3/8" x 1.0"
4	020440	6	6	Washer, Lock 5/8"
5	021180	2	2	Washer, Lock 3/8"
6	021190	4	4	Washer, Flat .43" x 1.0" x .08"
7	021530	2	2	Key, 3/8" Sq. x 2.0"
8	027260	2	2	Nut, Hex 3/8"
9	030470	10	10	Bolt, Carriage 1/2" x 1.25" SSN
10	035210	2	2	Washer, Flat .65" x 1.31" x .09"
11	037550	6	6	Nut, Nylon Lock Hex 1/4"
12	051670	2	2	Pin, Hair .149" x 2.50"
13	073630	5	5	Nut, Nylon Lock Hex 3/8"
14	120970	5	5	Screw, AHSS Nylon Lock 3/8" x .5"
15	121950	2	2	Flange, Bearing 1.62"/1.75" 4 Bolt
16	223540	6	6	Bolt, HHCS 1/4" x 1.75"
17	231950	3	3	Key, Woodruff 1.38" x 2.75"
18	263670	1	1	Shield Assembly, Wheel Chain
19	286270	1	1	U-Joint, 1.75" x 1.38"-21 Spline
20	286580	1	1	Gearbox, 1.93:1
21	286940	1	1	Shaft, 1.75" x 68.44"
22	287390	1	1	Shield Weldment, Gearbox

FRONT FRAME ASSEMBLY - 286160

ITEM	PART NUMBER	QTY		DESCRIPTION
		8 ROW	6 ROW	
23	287520	1	1	Shaft, Left Hand Drive 1.75" x 74.25"
24	287530	1	1	Shaft, Right Hand Drive 1.75" x 78.88"
25	287540	1	1	Shield, Left Hand Spin 55.12"
26	287550	1	1	Shield, Right Hand Spin 67.50"
27	288130	1	1	Bearing, 1.75" x 85MM w/Collar
28	288320	1	1	Star Roll & Drive Assembly (See Page 8)
29	289100	1	1	Frame Weldment, 692 Main
30	289240	1	1	Bracket Weldment, Left Hand Support
31	289270	1	1	Rod, Left Hand Front Hinge 30.88"
32	289280	1	1	Rod, Left Hand Rear Hinge 35.25"
33	289340	1	1	Bracket, Bearing Support
34	289400	1	1	Shield Weldment, Left Hand Front
35	289410	1	1	Shield Weldment, Left Hand Rear
36	289420	1	1	Shield Weldment, Top Right Hand
37	289480	1	1	Rod, Top Right Hand Hinge 29.81"
38	289600	2	2	Bar Weldment, Cover
39	289730	1	1	Rod, Lower Right Hand Hinge
40	289740	1	1	Shield Weldment, Lower Right Hand
41	963130	-	-	90W Gear Oil SAE 1.25 Gallon
42	990600	6	6	Bolt, HHCS 5/8" x 1.25"
43	1189304	5	5	Bolt, HHCS 3/8" x 3.25"
44	1770500	12	12	Bolt, HHCS 1/2" x 1.75"
45	E072489	3	3	Bearing, 1.75" 4-Bolt Flange
46	E504003	6	6	Latch, Rubber Huntington
47	E823023	2	2	U-Joint, 35N 1.75" x 1.75"
48	V060326	8	8	Screw, AHSS 5/16" x .75"
49	289480	4	6	Washer, Flat .41" x .81" x .05"
50	006690	4	6	Bolt, HHCS 3/8" x 1.25"
51	073630	4	6	Nut, Nylon Lock Hex 3/8"
52	242380	-	1	Plate, Center Barrier
53	244730	-	1	Strap, Center Barrier
53	244670	1	-	Strap, Center Barrier
54	244650	1	-	Flap, Center Barrier
54	252120	-	1	Flap, Center Barrier
55	E174068	8	6	Clamp, Diamond
56	005360	32	24	Nut, Hex 1/2"
57	005370	32	24	Washer, Lock 1/2"
58	023620	80	60	Washer, Lock 5/16"
59	023630	80	60	Nut, Hex 5/16"
60	023950	32	24	Bolt, HHCS 1/2" x 2.0"
61	030030	80	60	Bolt, HHCS 5/16" x 1.25"
62	264980	16	12	Strap Cover
63	264990	8	6	Cover, Rubber
64	244690	6	-	Barrier Assembly
64	344450	-	4	Barrier Assembly
*	246710	1	1	Barrier Weldment
*	244670	1	1	Strap, Barrier
*	244650	1	-	Flap, Rubber Barrier
*	244720	-	1	Flap, Rubber Barrier
*	242350	-	1	Plate, Barrier
65	244620	-	1	Barrier Assembly, Left Hand
*	246690	-	1	Barrier Weldment, Left Hand
*	244680	-	1	Strap, Barrier Side
*	244660	-	1	Flap, Rubber Barrier Side
66	244630	-	1	Barrier Assembly, Right Hand
*	246700	-	1	Barrier Weldment, Right Hand
*	244680	-	1	Strap, Barrier Side
*	244660	-	1	Flap, Rubber Barrier Side
67	343430	-	2	Strap, Front
68	289870	1	-	Bracket, Barrier Left Hand
69	289880	1	-	Bracket, Barrier Right Hand

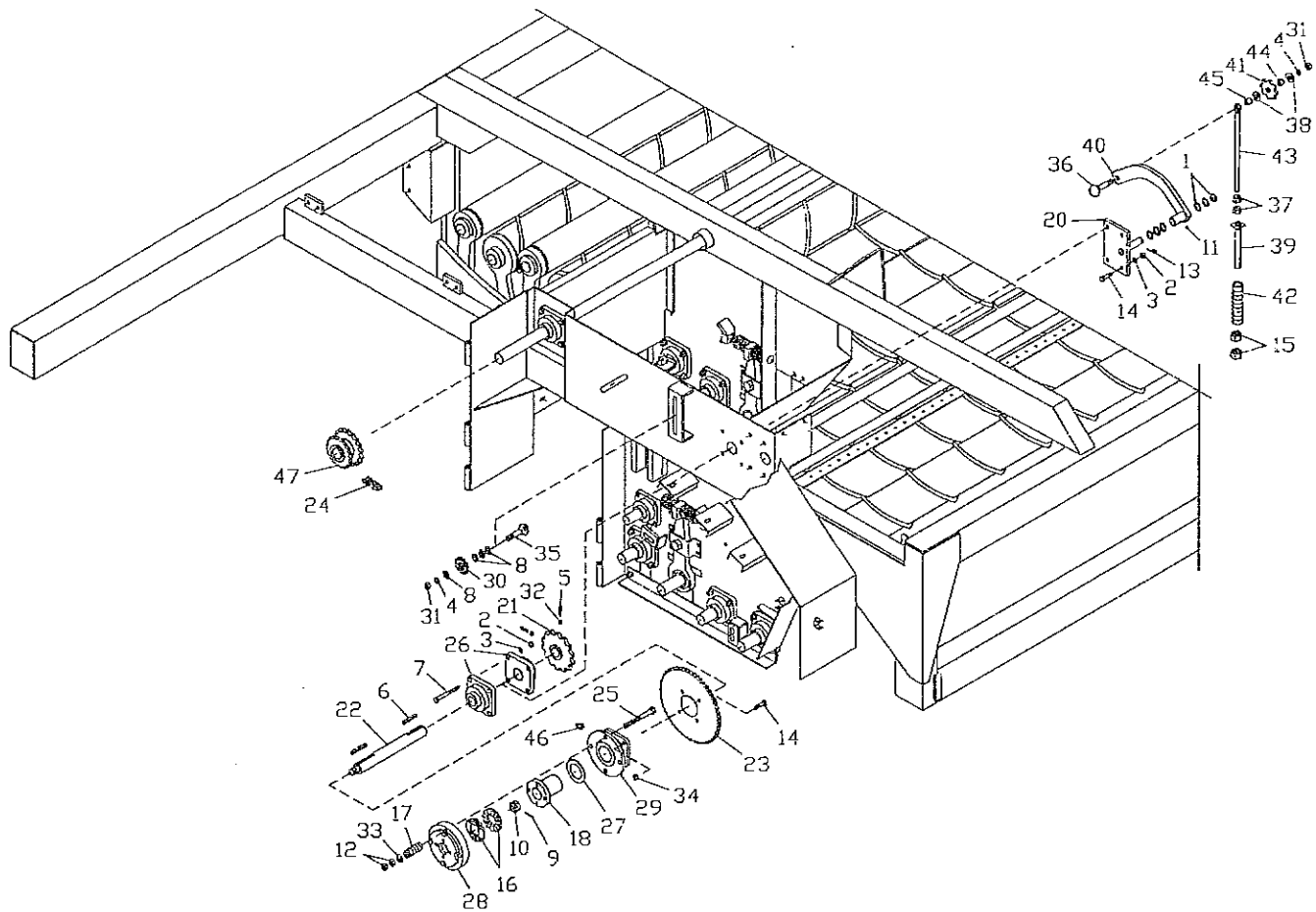
REAR FRAME ASSEMBLY - 286170



REAR FRAME ASSEMBLY - 286170

ITEM	PART NUMBER	QTY	DESCRIPTION
1	E096046	12	Bolt, Carriage 1/2" x 1.50"
2	E672055	1	Bolt, HHCS 5/8" x 1.0"
3	E672128	10	Screw, CSK HD 3/8" x 1.0"
4	I124829	1	Nut, Jam 3/8"
5	I366112R1	4	Washer, Flat 3/4"
6	JN144839	1	Strap
7	JN144757	3	Nut, Guide Wheel 1 UNC
8	JN144623	2	Spacer
9	JN137475	1	Sleeve, Gauge Wheel
10	JN10214	2	Screw, Flange Lock 3/8" x 1.0"
11	JAN141787	1	Roller Assembly
*	JAN131668	-	Bearing, Water Pump Ball
12	JAN141761	3	Wheel Guide Assembly
*	JAN142665	-	Bearing, Ball 35MM x 72MM x 17MM
*	JAN123158	-	Ring, Retaining
13	J22H1041	1	Screw, Sq. Head Set 3/8" x 5/8"
14	J14H794	4	Nut, Hex 3/4"-10
15	J03H1558	2	Bolt, Carriage 3/8" x 1.50"
16	R66338	2	Bolt, HHCS 1" x 3.0"
17	005200	19	Washer, Flat .56" x 1.38" x .109"
18	005360	23	Nut, Hex 1/2"
19	005370	23	Washer, Lock 1/2"
20	014770	11	Bolt, HHCS 1/2" x 1.50"
21	020180	2	Nut, Flange Lock 3/8"
22	020440	1	Washer, Lock 5/8"
23	021180	16	Washer, Lock 3/8"
24	021190	16	Washer, Flat .43" x 1.0" x .08"
25	027260	16	Nut, Hex 3/8"
26	035180	4	Bolt, Carriage, SSN 3/8" x 1.25"
27	036800	4	Washer, Lock 3/4"
28	263880	1	Plate, Bearing Support
29	263890	2	Strap, Roller Mount
30	264190	2	Rod Grate 16.50"
31	265550	2	Strap, Wear
32	288330	1	Paddle Shaft/Drive Assembly (See Page 10)
33	289180	1	Support Weldment, Rear Roller
34	289200	2	Grate, Channel
35	289210	2	Channel Weldment, Slide Support
36	289530	1	Grate Assembly, Left Hand
37	289550	1	Grate Assembly, Right Hand
38	344530	1	Bracket, Guide Roller
39	347540	64	Rod, Grate 14.75"
40	347740	2	Bracket Weldment, Mounting
41	991050	4	Bolt, HHCS 3/4" x 8.50"
42	991060	1	Bolt, HHCS 1" x 5.0"
43	1107389	8	Washer, Flat 1.06" x 2.0" x .13"

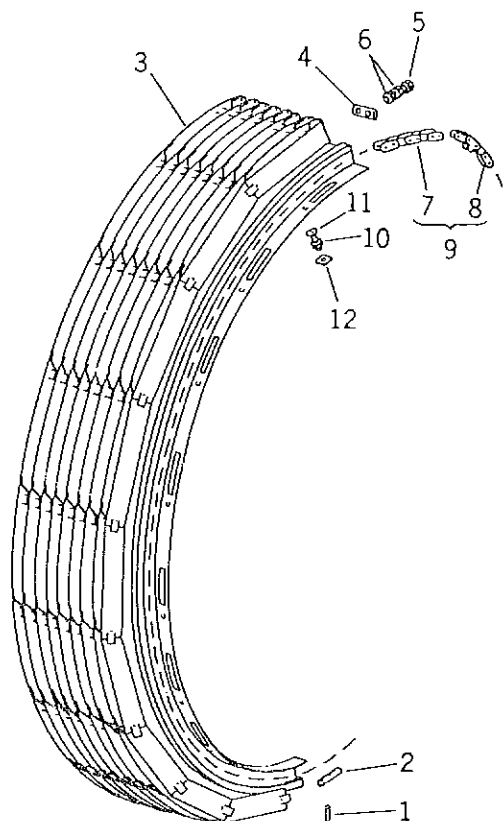
WHEEL DRIVE ASSEMBLY - 287890



WHEEL DRIVE ASSEMBLY - 287890

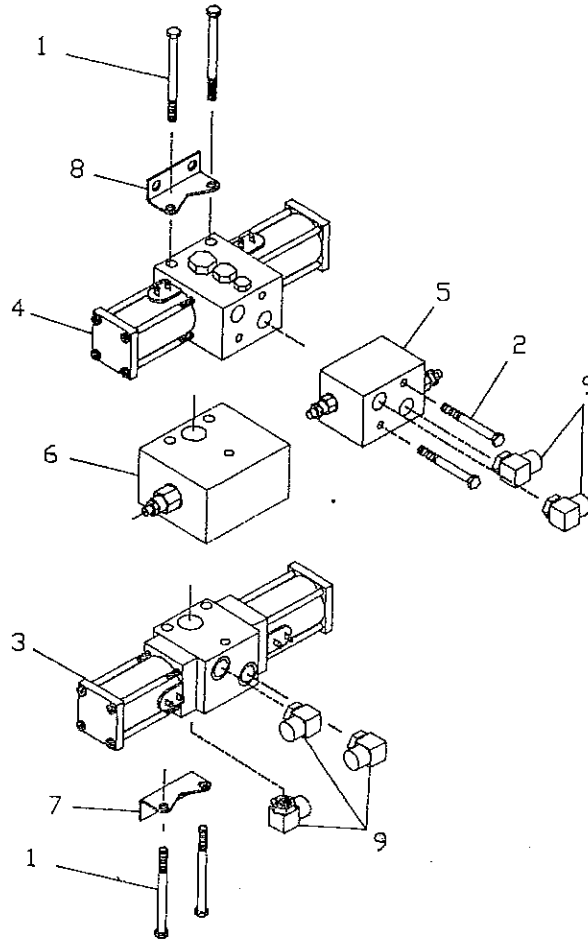
ITEM	PART NUMBER	QTY	DESCRIPTION
1	003370	10	Washer, Flat 1.03" x 1.50" x .048"
2	005360	8	Nut, Hex 1/2"
3	005370	8	Washer, Lock 1/2"
4	020440	2	Washer, Lock 5/8"
5	022520	2	Screw, SSHS 3/8" x 1.0" Plain
6	030380	2	Key, Sq. 3/8" x 3.0"
7	030420	4	Bolt, HHCS 1/2" x 4.50"
8	020430	4	Washer, Flat .688" x 1.75" x .134"
9	040900	1	Pin, Roll 3/16" x 1.62"
10	042110	1	Nut, Slotted Hex 1"
11	049180	1	Zerk, Tapered - Threaded 1/4" - 28
12	1121555	8	Nut, Hex Jam 5/8"
13	124340	1	Pin, Cotter 3/16" x 1.50"
14	1770500	8	Bolt, HHCS 1/2" x 1.75"
15	1774107	2	Nut, Hex 1"
16	225040	2	Clutch, Jaw Hardened Slip
17	239080	4	Clutch, Spring Compression Slip
18	238430	1	Hub Weldment, Slip Clutch
19	264890	2	Wheel Assembly, Half
20	265750	1	Pivot Weldment, Idler
21	265780	1	Sprocket Assembly, CA550 14T
22	265810	1	Shaft Wheel-Drive 1.75" x 15.38"
23	265830	1	Sprocket, Plate RC60 52T
24	287830	1	Chain Assembly, RC60H x 144P
25	990680	4	Bolt, HHCS 5/8" x 5.50"
26	E072489	2	Bearing, 1.75" 4-Bolt Flange
27	E126201	1	Bushing, Machine 2.5" x 3.87" x .134"
28	E280016	1	Flange Weldment, Spring
29	E358044	1	Housing Assembly, Clutch
30	E366013	1	Sprocket, Idler 60B13
31	1124589	2	Nut, Hex 5/8"
32	1124829	2	Nut, Hex Jam 3/8"
33	125547R1	4	Washer, Hardened .66" x 1.31" x .18"
34	19413967	4	Nut, Lock 1/2" CP
35	J03H1857	1	Bolt, Carriage 5/8" x 2.75" SN
36	J03H1858	1	Bolt, Carriage 5/8" x 3.50" SN
37	J14H794	2	Nut, Hex 3/4"
38	J24H1373	2	Washer, Flat .66" x 1.56" x .18"
39	JAN142300	1	Tube Assembly, Spring Adjustment
40	JAN142313	1	Arm Assembly, Pivot
41	JAN142341	1	Sprocket Assembly, 8T
42	JN109877	1	Spring, Compression 1.12" x 1.84" x 7.8"
43	JN146355	1	Eyebolt, 3/4" x 14.50"
44	JN147291	1	Bushing, .88" x .66" x .62"
45	JN7205DN	1	Spacer, .88" x .66" x .88"
46	115590	1	Zerk, Self Tapping 1/4"
47	340560	1	Sprocket, Assembly RC60-RC80

WHEEL ELEVATOR



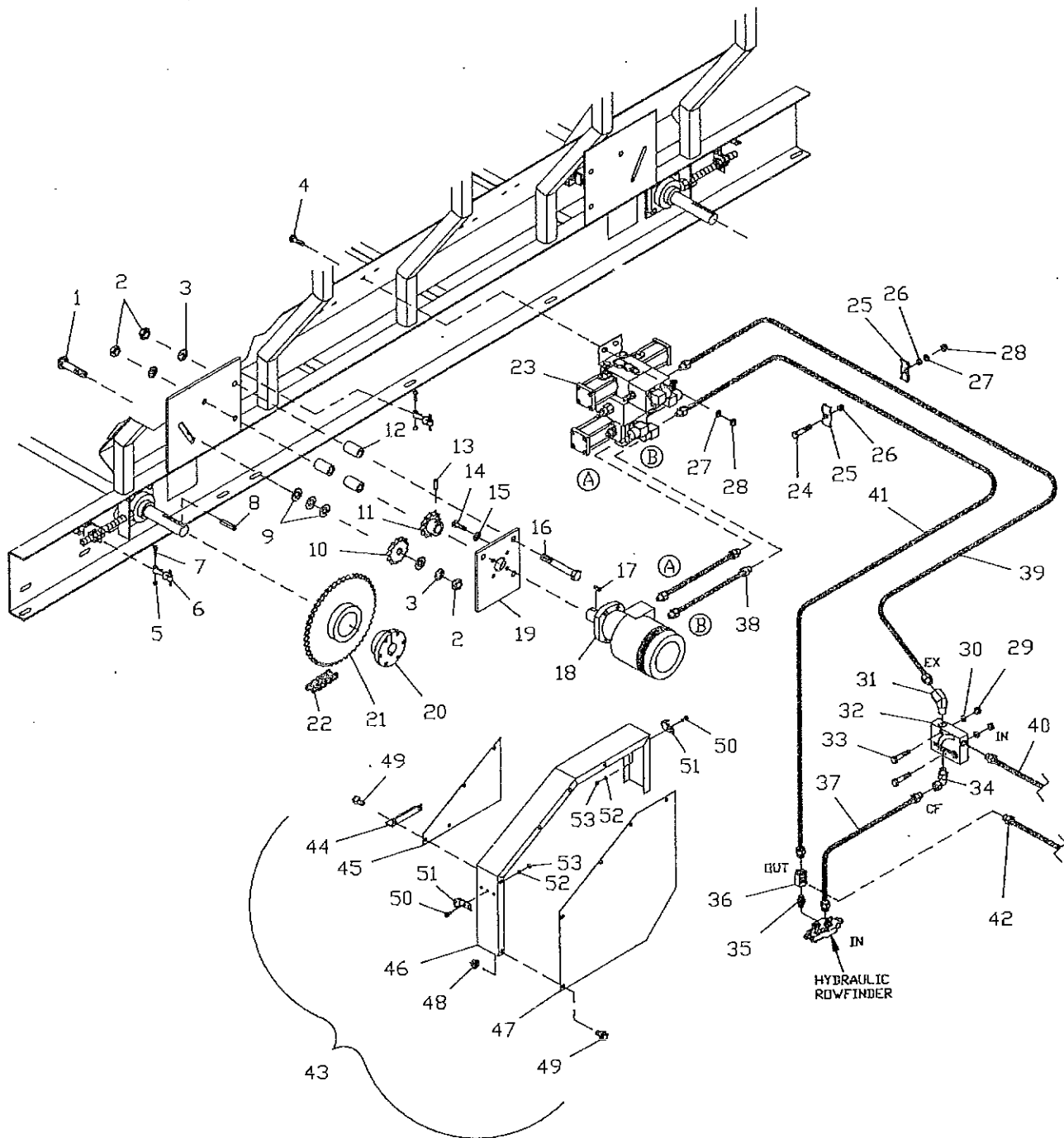
ITEM	PART NUMBER	QTY	DESCRIPTION
1	J34H280	-	Pin. Spring 3/16" x 7/8"
2	JN144790	20	Connector
3	264890	2	Wheel Assembly, Half
4	JN145108	8	Strap. Rocker
5	J19H2969	-	Bolt. HHCS 5/8" x 3-1/2"
6	1121555	-	Nut. Hex 5/8" Jam
7			
8	JAN141870	19	Chain. Link K19 for CA550
9	JAN141699	1	Chain Assembly. Wheel Drive CA550 266 Links
10	020190	-	Nut. Lock 5/16" Flange
11	J03H2106	-	Bolt. Carriage 5/16" x 7/8"
12	JN144807	18	Block. Replacement
13	JN144693	1	Rod. Bucket
14	346710	1	Kit. Wheel Cleaner Flap

VALVE ASSEMBLY - 355510



ITEM	PART NUMBER	QTY	DESCRIPTION
1	1189304	6	Bolt, HHCS 3/8"-16 x 3.25"
2	022750	2	Bolt, HHCS 5/16"-18 x 2.75" Grade 8
3	345330	1	Valve, 3/8" 4-Way Series
*	350260	-	Seal Kit
*	350270	-	Solenoid
*	350280	-	Coil
4	355530	1	Valve, 3/8" 4-Way Parallel Solenoid
*	350260	-	Seal Kit
*	350270	-	Solenoid
*	350280	-	Coil
5	345540	1	Valve, Double Cross-Port Relief
*	357790	-	Cartridge Valve
6	355550	1	Valve Assembly, Flow Control Adjustment
*	355570	-	Cartridge Valve
7	355580	1	Bracket, Series Valve
8	355590	1	Bracket, Parallel Valve
9	344210	5	Adapter, 90° Elbow 3/4" Orb.

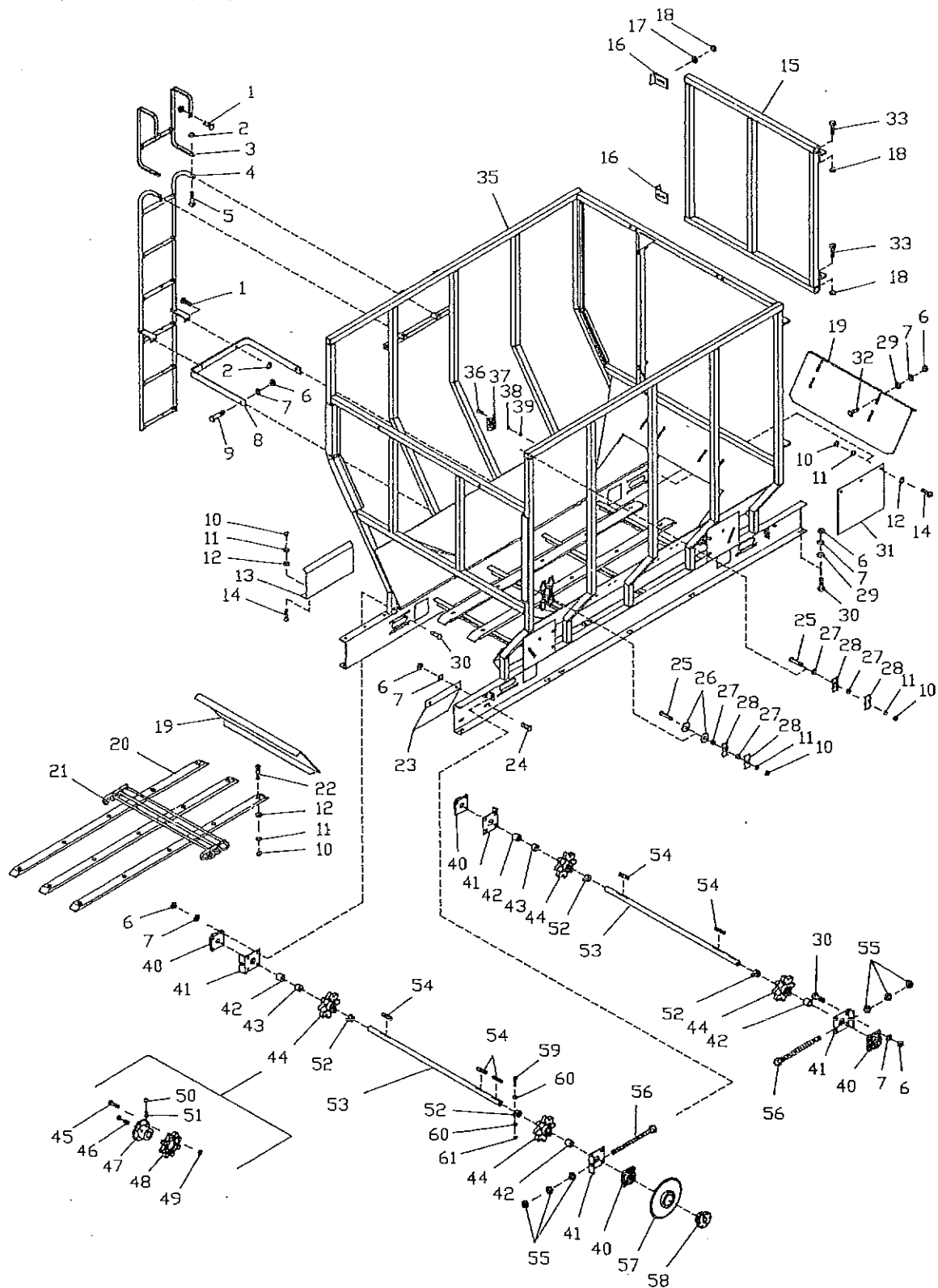
TANK DRIVE ASSEMBLY - 344330



TANK DRIVE ASSEMBLY - 344330

ITEM	PART NUMBER	QTY	DESCRIPTION
1	E096058	1	Bolt, Carriage 5/8"-11 x 2.50"
2	1124589	4	Nut, Hex 5/8"-11
3	020440	4	Washer, Lock 5/8"
4	170530	4	Bolt, SSN Carriage CARRIAGE 3/8"-16 x 1.0"
5	037550	2	Nut, Lock 1/4"
6	205650	2	Hook, Rubber
7	047000	2	Bolt, HHCS 1/4" x 1.50"
8	E388074	1	Key, Sq. 3/8" x 2.25"
9	035210	6	Washer, Flat .656" x 1.31" x .095"
10	E366013	1	Sprocket, Idler 60B13
11	268610	1	Sprocket, RC60 12T
12	JN147304	3	Spacer, 2-1/4"
13	188650	2	Screw, AHSS 5/16"-18 x 5/16" Nylon
14	012260	4	Bolt, HHCS 3/8" x 1.0"
15	J12H310	4	Washer, 3/8" Int. Tooth Type A
16	056720	3	Bolt, HHCS 5/8"-11 x 4.0"
17	006180	1	Key, Woodruff 1/4" x 1.0"
18	111090	1	Motor Hydraulic 20 cu. in. Display
18	243040	1	Kit, Seal Ross # SK000090-MG
19	270000	1	Plate, Motor Mount
20	268590	1	Bushing, SF 1-7/16" Bore
21	342840	1	Sprocket, 60SF 42 w/QD Bushing
22	277730	1	Roller Chain Assembly, RC60"H x 65"P
23	355510	1	Valve Assembly, Tank & Elevator (see page 35)
24	018150	1	Bolt, HHCS 3/8"-16 x 1.75"
25	JN185041	2	Clamp, Hose
26	053840	2	Spacer
27	021180	2	Washer, Lock 3/8"
28	027260	5	Nut, Hex 3/8"-16
29	027660	2	Nut, Hex 1/4"-20
30	029440	2	Washer, Lock 1/4"
31	270620	1	Elbow, Pipe 1/2" 45°
32	006300	1	Valve, Flow Control
33	023250	2	Bolt, HHCS 1/4" x 2.75"
34	166230	1	Elbow, Pipe 1/2" 90°
35	JAN131153	1	Union w/O-Ring
36	JN132040	1	Tee, w/O-Ring
37	268990	1	Hose Assembly, Hydraulic .50" x 26.0"
38	344360	2	Hose Assembly, Hydraulic .62" x 26.0"
39	344370	1	Hose Assembly, Hydraulic .62" x 96.0"
40	344380	1	Hose Assembly, Hydraulic .62" x 120.0"
41	344390	1	Hose Assembly, Hydraulic .62" x 120.0"
42	344400	1	Hose Assembly, Hydraulic .62" x 146.0"
43	268940	1	Shield Assembly, Tank Drive
44	277500	1	Angle, Shield Support
45	268960	1	Plate, Rear Shield
46	268970	1	Bracket, Shield Side
47	268950	1	Plate, Shield Front
48	020190	9	Nut, Flange Lock 5/16"-18
49	JN71292	9	Bolt, Flange Lock 5/16"-18 x .50"
50	1159920	4	Screw, HDCR #10 x 1/2"
51	E104310	2	Bracket, Hook
52	120600	4	Washer, Lock #10-24
53	120590	4	Nut, Hex #10-24

TANK & CONVEYOR ASSEMBLY - 268740

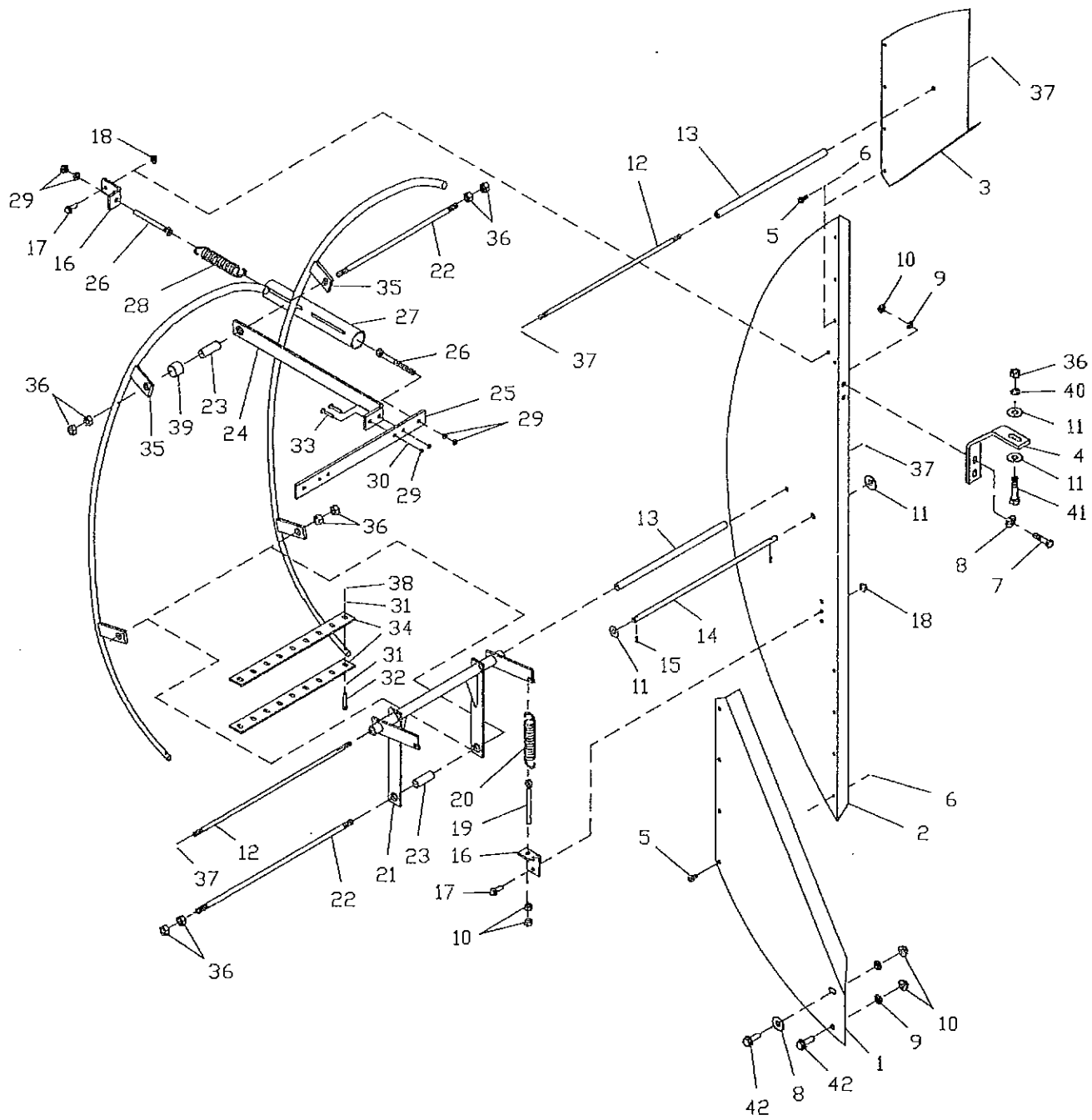


ITEM	PART NUMBER	QTY	DESCRIPTION
1	170530	4	Bolt, Carriage 3/8"-16 x 1.0" SSN
2	020180	6	Nut, Flange Lock 3/8"-16
3	268750	1	Ladder Assembly, Extension
4	019090	1	Ladder Assembly

TANK & CONVEYOR ASSEMBLY - 268740

ITEM	PART NUMBER	QTY	DESCRIPTION
5	041450	2	Bolt, Carriage 3/8"-16 x 2.0"
6	005360	22	Nut, Hex 1/2"-13
7	005370	22	Washer, 1/2" Lock
8	268620	1	Bracket, Ladder
9	014770	2	Bolt, HHCS 1/2"-13 x 1.50"
10	027260	9	Nut, Hex 3/8"-16
11	021180	9	Washer, Lock 3/8"
12	021190	15	Washer, Flat .438" x 1.0" x .083"
13	278420	2	Plate, Rear Deflector
14	006690	9	Bolt, HHCS 3/8"-16 x 1.25"
15	268320	1	Door Weldment, Left Hand
16	229720	4	Bracket, Door Lock
17	I486801R1	4	Washer, .531" x 2" x 1/4" NT Grade 1
18	037540	8	Nut, Lock 1/2"-13
19	239580	2	Channel, Tank Gate
20	265550	3	Strip, Wear
21	260470	81	Chain, Draper .62" x 2.38"P x 40"
22	E672128	15	Screw, 3/8"-16 x 1" SL Flat Csk HD
23	278430	1	Plate, Front Deflector
24	030470	2	Bolt, Carriage 1/2"-13 x 1.25" SSN
25	037790	2	Bolt, HHCS 3/8"-16 x 2.0"
26	169280	2	Washer, Flat .406" x 1.50" x .12"
27	053840	4	Spacer
28	JN185041	4	Clamp, Hose-Short
29	005200	10	Washer, Flat .562" x 1.375" x .109"
30	025390	6	Bolt, Carriage 1/2"-13 x 1.75"
31	277900	1	Flap, Rubber Tank
32	E096046	4	Bolt, Carriage 1/2"-13 x 1.50"
33	1770500	4	Bolt, HHCS 1/2"-13 x 1-3/4"
34	----	-	-
35	265860	1	Tank Weldment, 690
36	011990	2	Screw, 1/4"-20 x 3/4" RD HD Grade 2
37	167330	1	Socket, SMV Emblem Mounting
38	029440	2	Washer, Lock 1/4"
39	027660	2	Nut, Hex 4-20
40	E072103	4	Bearing, 1-7/16" Bore Flange
41	269320	4	Bracket, Bearing Adjustment
42	343350	4	Spacer, 1.44" ID x 1.75" OD x 1.62"
43	E724073	2	Spacer, Bushing 1.44" x 1.75" x 1.12"
44	240490	4	Sprocket & Hub Assembly, 1-7/16" BX 8T
45	011370	6	Bolt, HHCS 3/8"-16 x 1.50"
46	131730	1	Screw, 3/8"-16 x 1-1/4" SHSS PL
47	E360024	1	Hub, 1-7/16" Bore Draper
48	260660	1	Sprocket, 8T SPL 2.38"P .75" RD HD
49	073630	6	Nut, Nylon Lock 3/8"-16
50	I124829	2	Nut, Jam 3/8"-16
51	022520	1	Screw, 3/8"-16 x 1" SHSS PL
52	234380	4	Clamp, 1-7/16" Sprocket Holder
53	269990	2	Shaft, Drive 1-7/16" Round
54	021530	5	Key, Sq. 3/8" x 2.0"
55	I124589	12	Nut, Hex 5/8"-11
56	R66168	4	Bolt, Adj. 5/8"-11 x 6.50"
57	342840	1	Sprocket, 60SF 42 w/QD Bushing
58	268590	1	Bushing, SF 1-7/16" Round
59	005900	4	Bolt, HHCS 5/16"-18 x 1.0"
60	R61494	8	Washer, Flat .344" x .875" x .063"
61	025670	4	Nut, Flat 5/16"-18 Dist. HD Cad.

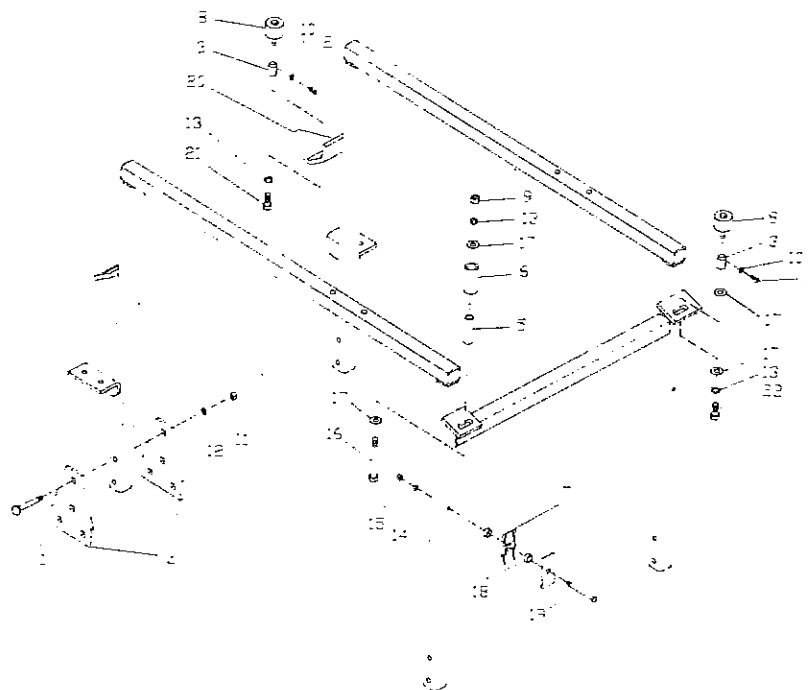
RETAINER ASSEMBLY - 286100



RETAINER ASSEMBLY - 286100

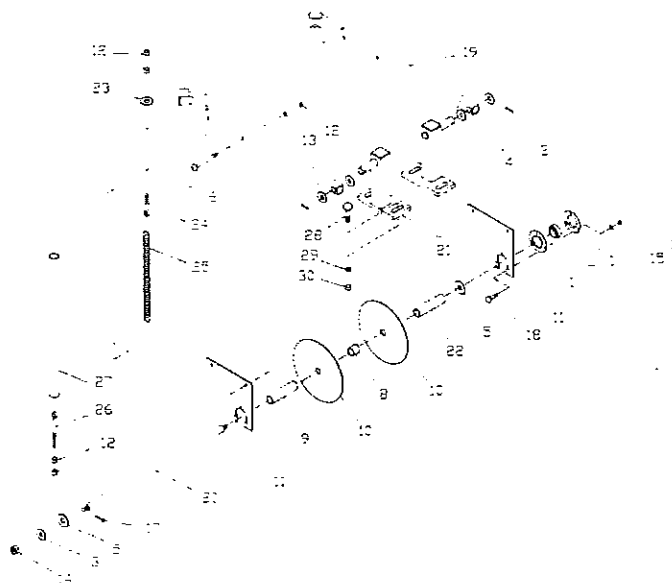
ITEM	PART NUMBER	QTY	DESCRIPTION
1	286180	1	Side Weldment, Left Hand Hopper
1	286190	1	Side Weldment, Right Hand Hopper
2	342600	1	Side Sheet, Retainer Left Hand
2	342610	1	Side Sheet, Retainer Right Hand
3	JN144649	1	Side Sheet, Retainer Left Hand
3	JN144648	1	Side Sheet, Retainer Right Hand
4	JN144650	2	Bracket, Retainer
5	JN10212	14	Screw, Hex 5/16" x 3/4" Flange
6	025670	14	Nut, 5/16" Hex Lock
7	014770	8	Bolt, HHCS 1/2" x 1-1/2"
8	I120396	8	Washer, Flat .53" x 1.06" x .74"
9	005370	8	Washer, Lock 1/2"
10	005360	12	Nut, Hex 1/2"
11	035210	6	Washer, Flat .66" x 1.31" x .095"
12	263960	2	Rod, Retainer Pivot 1/2" x 25.0"
13	263950	2	Spacer, .88" x 23.0"
14	263970	1	Rod, Retainer Stop .62" x 25.0"
15	012550	2	Pin, Expansion 1/4" x 1-1/4"
16	JN144004	4	Bracket, Spring
17	JN10214	8	Screw, Hex Flange 3/8"-16 x 1" Lock
18	020180	8	Nut, Hex Flange Lock 3/8"-16
19	E096122	2	Bolt, Eye 1/2" x 3-1/2"
20	JM2118T	2	Spring, Extension 10.44" Large
21	263920	1	Pivot Assembly, Retainer
22	263940	2	Rod, Retainer Support 5/8" x 21.0"
23	J28H2612	16	Spacer, Pipe 3/4" x 2.00"
24	JN145632	2	Bracket, Retainer Spring
25	263980	1	Strap, Retainer Spring
26	JN72223	4	Eyebolt, 3/8" x 2.18"
27	354900	2	Tube Weldment, Spring Spacer
28	JS136M	2	Spring, Extension 1.65" x .22" x 13.3"
29	027260	12	Nut, Hex 3/8"
30	021180	4	Washer, Lock 3/8"
31	021190	18	Washer, Flat .44"
32	029930	9	Bolt, HHCS 3/8" x 2-1/4"
33	006690	4	Bolt, HHCS 3/8" x 1-1/4"
34	264010	2	Strap, Retainer
35	264020	9	Rod Assembly, Retainer
36	I124589	10	Nut, Hex 5/8"
37	I9413967	4	Nut, Hex Lock 1/2"
38	I9411655	9	Nut, Hex Lock 3/8"
39	354990	2	Spacer, 1.38" x 1.12" x 1.00"
40	020440	2	Washer, Lock 5/8"
41	023110	2	Bolt, HHCS 5/8" x 2.50"
42	010730	4	Bolt, HHCS 1/2" x 1.25"

TOWER ASSEMBLY - 265360



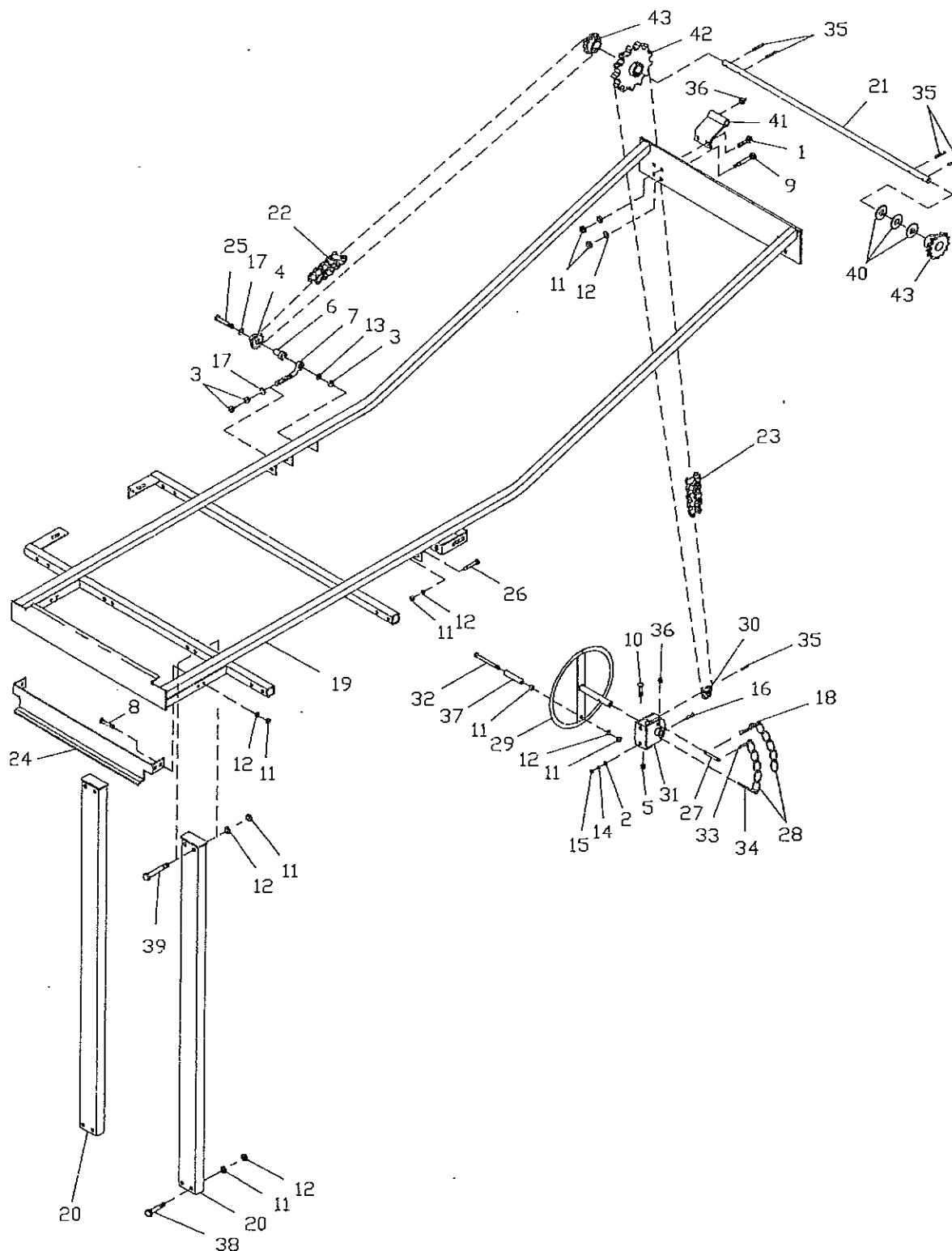
ITEM	PART NUMBER	QTY	DESCRIPTION
1	J03H1598	16	Bolt, Carriage 1/2"-13 x 3.25"
2	J22H1041	2	Screw, 3/8" x 5/8" Set Sq. HD
3	JN137475	2	Sleeve Gauge Wheel Shank
4	354780	8	Bracket, Tower Support
5	JN144798	2	Trunion Wheel Retainer
6	JN144799	2	Roller Wheel Retainer
7	JN185041	4	Clamp, Hose-Short
8	JAN141787	2	Roller Assembly, Wheel Retainer
9	1124589	2	Nut, Hex 5/8"-11
10	1124829	2	Nut, Jam 3/8"-16
11	005360	16	Nut, Hex 1/2"-13
12	005370	16	Washer, Lock 1/2"
13	020440	4	Washer, Lock 5/8"
14	021180	2	Washer, Lock 3/8"
15	027260	2	Nut, Hex 3/8"-16
16	031490	2	Bolt, HHCS 5/8"-16 x 5.0"
17	035210	6	Washer, Flat .656" x 1.312" x .095"
18	053840	4	Spacer, 3/8" x .44" Black Pipe S40
19	991150	2	Bolt, HHCS 3/8"-16 x 4.0"
20	354750	1	Tower Weldment, Wheel Retainer
21	990600	1	Bolt, HHCS 5/8"-11 x 1.25"
22	990610	1	Bolt, HHCS 5/8"-11 x 1.50"

ROTARY STRIPPER ASSEMBLY - 265350



ITEM	PART NUMBER	QTY	DESCRIPTION
1	E281004	4	Flangette, Round 72mm 3 Hole
2	J34H334	2	Pin, Roll 5/16" x 2"
3	J24H1401	-	Washer, Flat .78" x 1.75" x .194"
4	J24H1462	-	Washer, Flat 1.062" x 1.5"
5	J24H1512	-	Washer, Flat 1.062" x 2.0"
6	J03H1596	-	Bolt, Carriage 1/2" x 3.0" SN
7	JJD9275	2	Bearing, Wide Inner Ring
8	JN144893	10	Spacer, Rotary Stripper
9	JN144894	1	Spacer, Rotary Stripper
10	JN144896	11	Disk, Rotary Stripper
11	279300	2	Bracket, Stripper
12	005360	-	Nut, Hex 1/2"
13	005370	-	Washer, Lock 1/2"
14	020710	-	Nut, Hex Slotted 3/4"
15	021180	-	Washer, Lock 3/8"
16	027260	-	Nut, Hex 3/8"
17	124340	-	Pin, Cotter 3/16" x 1.5"
18	170530	-	Bolt, Carriage 3/8" x 1"
19	264060	1	Stripper Assembly, Support
20	264080	1	Shaft, Rotary Stripper
21	279310	2	Tube Weldment, Stripper Support
22	264100	1	Spacer, Rotary Stripper
23	I486801R1	-	Washer, Flat .531" x 2" x 1/4"
24	JN6218DN	2	Bolt, Eye 1/2" x 7-5/8"
25	JL877C	2	Spring, Tension
26	JN144752	2	Bolt, Eye 1/2" x 7.99"
27	JN144753	2	Tube, Stop Stripper
28	J03H1858	-	Bolt, Carriage 5/8" x 3-1/2"
29	020440	-	Washer, Lock 5/8"
30	1124589	-	Nut, Hex 5/8"

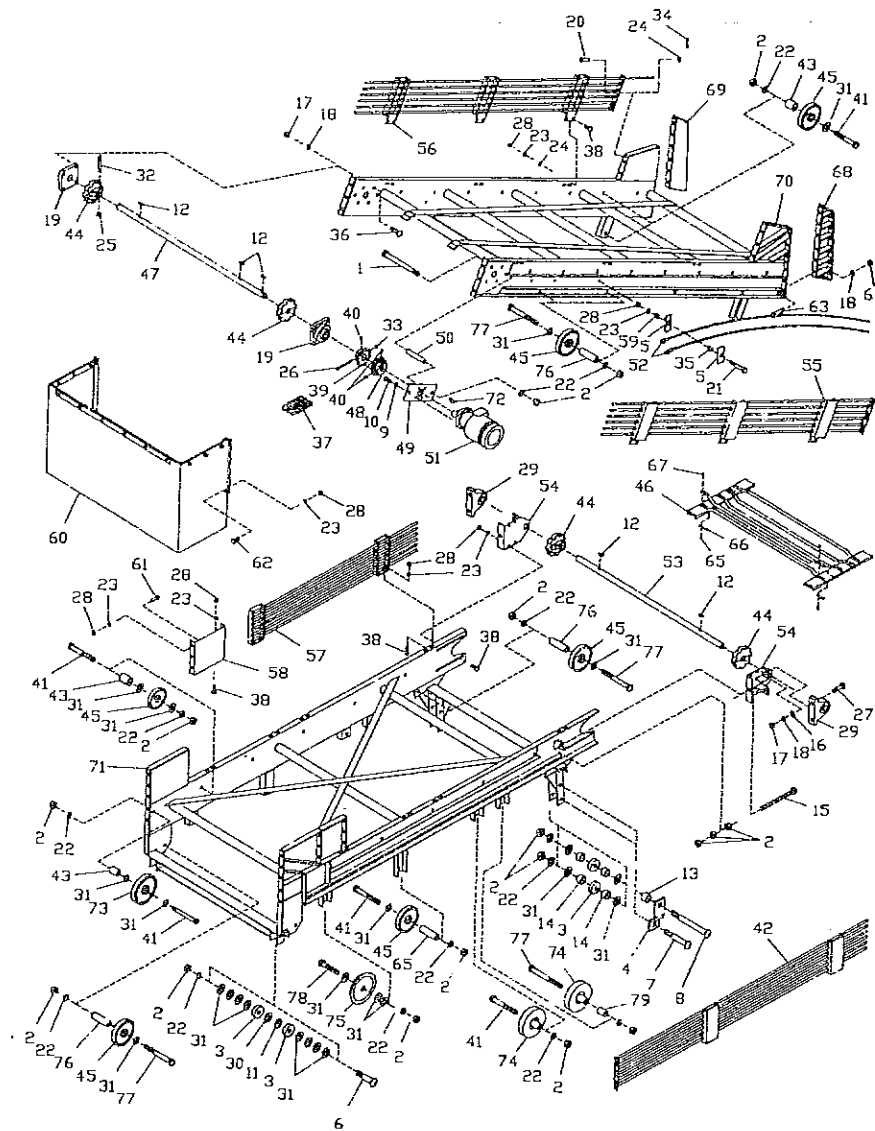
TRACK & SUPPORT ASSEMBLY - 265370



TRACK & SUPPORT ASSEMBLY - 265370

ITEM	PART NUMBER	QTY	DESCRIPTION
1	E096046	4	Bolt, Carriage 1/2"-13 x 1.50"
2	I120394	2	Washer, Flat .406" x .812" x .051"
3	I124589	6	Nut, Hex 5/8"-11
4	JAN141745	2	Sprocket Assembly, 8T
5	JK40014	1	Nut, Lock 1/2"-13 Grade 8
6	JN144831	2	Spacer
7	JN5044DN	2	Bolt, Eye 5/8"-11 6.24"
8	J03H1596	4	Bolt, Carriage 1/2" x 3.0"
9	J03H1598	4	Bolt, Carriage 1/2" x 3.25"
10	005210	1	Bolt, Carriage 1/2"-13 x 2.25"
11	005360	24	Nut, Hex 1/2"-13
12	005370	23	Washer, Lock 1/2"
13	020440	2	Washer, Lock 5/8"
14	021180	2	Washer, Lock 3/8"
15	027260	2	Nut, Hex 3/8"
16	035180	2	Bolt, Carriage 3/8"-16 x 1.25"
17	035210	4	Washer, Flat .656" x 1.31" x .095"
18	045310	1	Pin, Cotter Hair
19	354830	1	Track Weldment, Conveyor
20	354810	2	Tube Weldment, Track Support
21	265380	1	Shaft, Truck Conveyor
22	265400	2	Chain Assembly, A2040 191 Links
23	342670	1	Chain Assembly, A2040 163P Inc.
24	342800	1	Stop, Track Conveyor Adjustment
25	990670	2	Bolt, HHCS 5/8"-11 x 3.75"
26	990840	2	Bolt, HHCS 1/2"-13 x 3.0"
27	JE50009	1	Pin, Retaining
28	JB10958	2	Chain, #25 SASH Steel
29	JAN141737	1	Wheel Assembly
30	JAN141740	1	Sprocket Assembly, 8T
31	JAN141741	1	Support Assembly
32	J19H1806	1	Bolt, Hex 1/2" x 5.75"
33	I177923	1	Pin, Cotter 1/8" x 3/4"
34	E580041	1	Pin, Cotter 3/16" x 2-1/2"
35	E580050	5	Pin, Roll 1/4" x 1-1/2"
36	049180	4	Zerk, Lube Taper Threaded 1/4"-28
37	342700	1	Spacer, .875" x .562" x 4.38"
38	1770608	4	Bolt, HHCS 1/2"-13 x 3.50"
39	I189314	4	Bolt, HHCS 1/2"-13 x 4.75"
40	I21714R1	3	Washer, Flat .906" x 1.5" x .105"
41	JAN141743	2	Support Assembly, Shaft
42	JAN141744	1	Sprocket Assembly, 20T
43	JAN141745	2	Sprocket Assembly, 18T

ELEVATOR ASSEMBLY - 355130



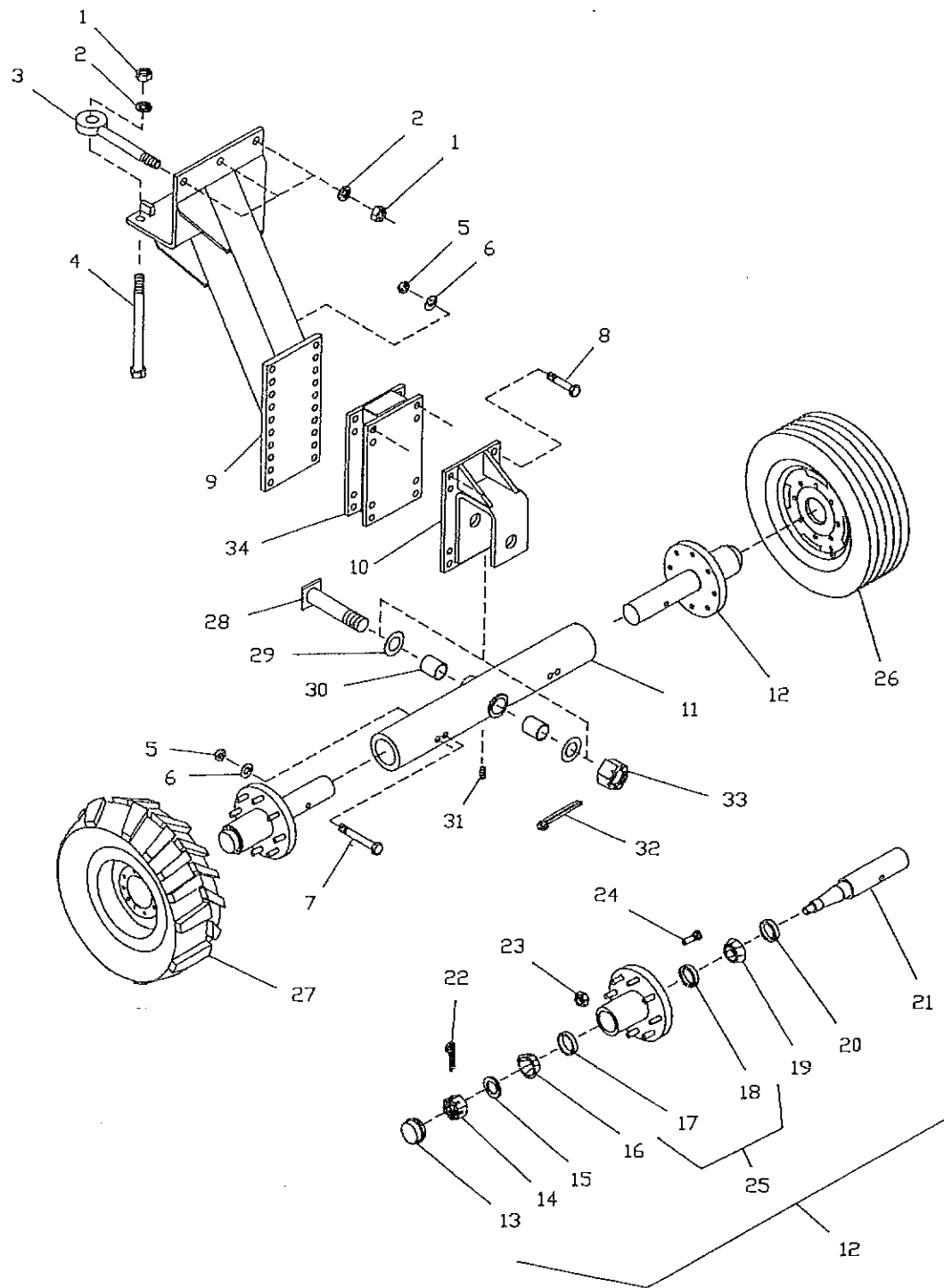
ITEM	PART NUMBER	QTY	DESCRIPTION
1	E672446	2	Bolt. HHCS 5/8"-11 x 7"
2	I124589	58	Nut, 5/8"-11
3	JJD8646	8	Bearing, Ball .628" x 2.00" x .59"
4	JN144758	2	Bracket
5	JN185041	2	Clamp, Hose-Short
6	J03H1516	2	Bolt, SN Carriage 5/8" x 3-3/4"
7	J03H1786	2	Bolt, SN Carriage 5/8" x 4-1/2"
8	345000	2	Bolt, SN Carriage 5/8" x 5-1/2"
9	J12H310	4	Washer, Int. Tooth 3/8" Type A
10	012260	4	Bolt, HHCS 3/8" x 1.0
11	J24H1367	4	Washer, Flat .656" x 1.25" x .25"
12	J26H23	5	Key, Woodruff 5/16" x 1" Size B
13	J28H1922	2	Spacer, Pipe 3/4" x 1.0" S40
14	J28H2515	8	Spacer, Pipe 3/4" x .75" S80
15	355180	2	Bolt, Full Thread Adj. 5/8" x 8.0"
16	005200	4	Washer, Flat .562" x 1.38" x .109"
17	005360	12	Nut, Hex 1/2"-13
18	005370	48	Washer, Lock 1/2"
19	008670	2	Brg, Bolt FLANGE w/LC 1-1/4" 4 Sq.
20	012172	2	Pin, Clevis 3/8" x 1"
21	037630	1	Bolt, HHCS 3/8"-16 x 2-1/2"
22	020440	52	Washer, 5/8" Reg. Lock

ELEVATOR ASSEMBLY - 355130

ITEM	PART NUMBER	QTY	DESCRIPTION
23	021180	43	Washer, 3/8" Lock
24	021190	14	Washer, .438" x 1.00" x .083"
25	023060	8	Nut, Hex Lock Disthd. 3/8"-16
26	023250	1	Bolt, HHCS 1/4"-20 x 2-3/4"
27	025390	4	Bolt, Carriage 1/2"-13 x 1-3/4"
28	027260	43	Nut, Hex 3/8"
29	035090	2	Brg., PB CI HSG w/Lock 1-1/4"
30	035191	2	Washer, Plane .656" x 1.00" x .048"
31	035210	112	Washer, Flat .656" x 1.31" x .095"
32	037630	8	Bolt, HHCS 3/8"-16 x 2-1/2"
33	042370	1	Nut, Hex Lock 1/4"-20 GA CZ
34	051670	2	Pin, Cotter Hair .149" x 2.5"
35	053840	1	Spacer
36	156850	8	Bolt, SSN Carriage 1/2"-13 x 1-1/2"
37	163770	1	Chain Assembly, 60-2 14"P
38	170530	33	Bolt, SSN Carriage 3/8"-16 x 1"
39	181180	1	Sprocket, 60B14 1-1/4" ID
40	188650	3	Screw, 5/16"-18 x 5/16" AHSS
41	056720	32	Bolt, HHCS 5/8"-11 x 4.0"
42	265170	1	Side Weld, Tank Elevator Front
43	E724252	30	Spacer, 1.0" x .62" x 1.50"
44	265410	4	Sprocket, 8T Drive 56mmP
45	343280	38	Roller, Rubber 4.0" Dia.
46	355140	1	Belted Chain Assembly, 56mmP
46	343300	-	Kit, Belt Repair 56mmP
46	268640	-	Kit, Elevator Offset Rod
46	268700	-	Kit, 56"P Master Link Belt Repair
47	343950	1	Shaft, Drive Elevator
48	343960	1	Sprocket, 60B14 CPLG 1.0" ID
49	343970	1	Plate, Motor Mount
50	343980	2	Spacer, .64" ID x 1.00" OD x 5.50"
51	343990	1	Motor, Hydraulic MF 24 Cu. In. Display
52	344000	2	Hose Assembly, Hydraulic .62" x 325"
53	344010	1	Shaft, Driven Elevator
54	344020	2	Bracket Weld, Brg. Adjust
55	344050	1	Side Weldment, Truck Elevator Front
56	344060	1	Side Weldment, Truck Elevator Rear
57	344070	1	Side Weldment, Tank Elevator Rear
58	344100	1	Channel, Elevator Filler
59	J28H1508	1	Spacer, 3/8" x 1.25"
60	344150	1	Deflector Assembly, Elevator Beet
61	012260	3	Bolt, HHCS 3/8"-16 x 1.0"
62	J03H1558	6	Bolt, Carriage 3/8"-16 x 1.50"
63	344110	24	Bolt, HHCS 1/2"-13 x 1.75" Grade 8
64	125526R1	24	Nut, Hex 1/2"-13 Grade 8
65	268680	-	Screw, CAD M5 x 0.8" x 30mm Grade 8
66	268670	-	Plate, 56mm Back
67	268690	-	Nut, Lock M5" x 0.8" Deformed Thread
68	343850	1	Wedge Weldment, Front
69	343860	1	Wedge Weldment, Rear
70	355010	1	Elevator Weldment, Truck
71	355020	1	Elevator Weldment, Tank
72	006180	1	Key, Woodruff, 1/4" x 1"
73	247100	2	Roller, Rubber 5.0" Dia.
74	240480	4	Roller Assembly, 4.75" Dia.
75	261290	2	Roller, Flange Rubber 3.5" Dia.
76	JN144798	10	Spacer, 1.00" x .69" x 3.25"
77	990680	12	Bolt, HHCS 5/8"-11 x 5.5"
78	990850	4	Bolt, HHCS 5/8"-11 x 2.75"
79	E724136	2	Spacer, 1.00" x .69" x 1.38"

OSCILLATING CARRIER WHEEL

350350 - 44", 350360 - 28" & 30"

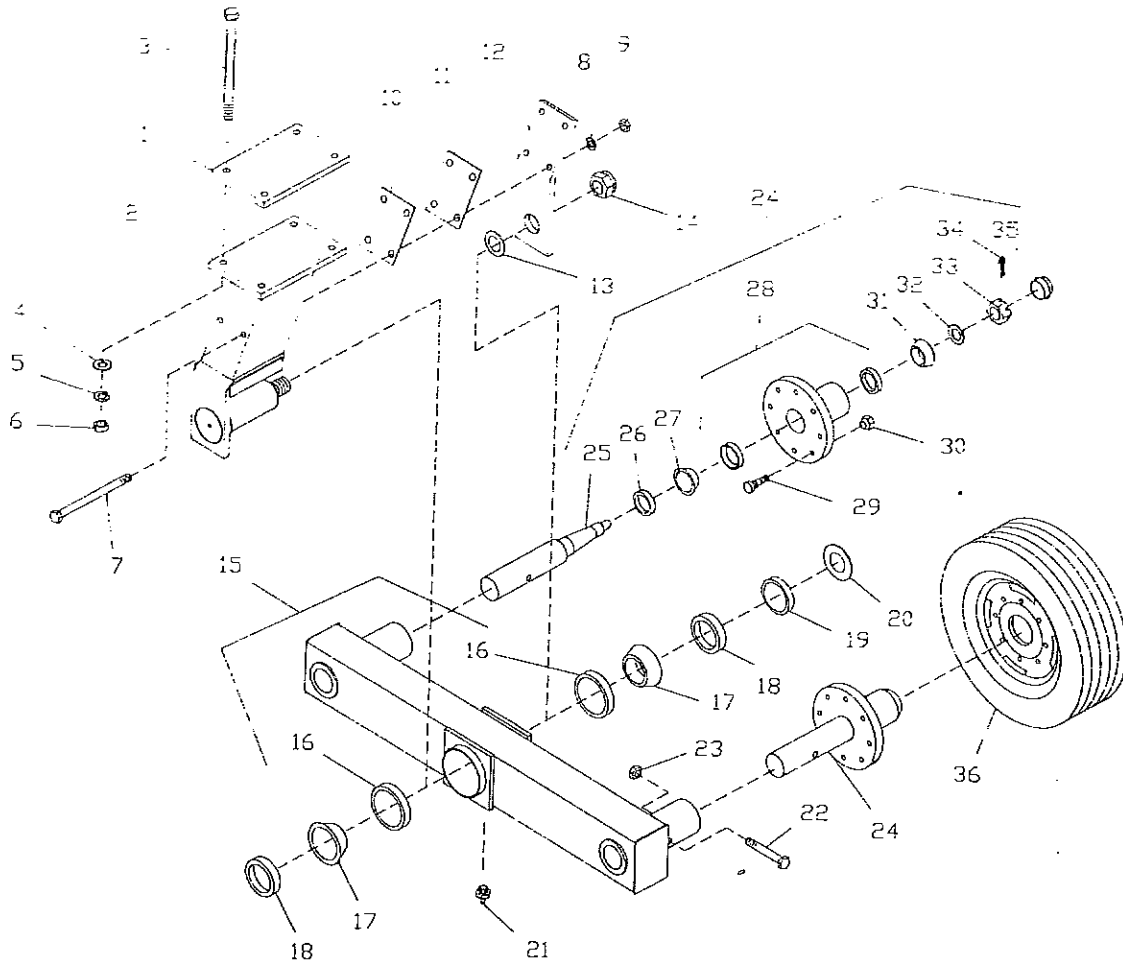


OSCILLATING CARRIER WHEEL

350350 - 44", 350360 - 28" & 30"

ITEM	PART NUMBER	QTY	DESCRIPTION
1	J14H794	-	Nut, Hex 3/4"
2	036800	-	Washer, Lock 3/4"
3	E096162	3	Bolt, Eye 3/4" x 7"
4	E672449	3	Bolt, HHCS 3/4" x 9.50"
5	1124589	-	Nut, Hex 5/8"
6	020440	-	Washer, Lock 5/8"
7	031490	1	Bolt, HHCS 5/8" x 5.0"
8	990620	-	Bolt, HHCS 5/8" x 2.0"
9	E506084	1	Leg Weldment, Carrier Wheel
10	251960	1	Bracket, Axle Mounting
11	268810	1	Beam Weldment, Axle 44"
11	268820	1	Beam Weldment, Axle 28" - 30"
12	TG0496	2	Hub & Spindle Assembly
13	TG0769	1	Cap, Hub
14	129830	-	Nut, Hex 7/8" Slotted
15	E829019	-	Washer, Flat 15/16"
16	E072319	2	Cone, Bearing 1-5/16"
17	I13324D	2	Cup, Bearing
18	E072317	2	Cup, Bearing
19	E072316	2	Cone, Bearing 2"
20	TG0770	2	Seal
21	TG0761	2	Spindle
22	026630	-	Pin, Cotter 5/32" x 1-1/2"
23	046710	-	Nut, Wheel 9/16"
24	046700	-	Bolt, Stud 9/16" x 2-1/8"
25	TG0763	2	Hub Assembly, w/Cups & Studs
26	TG0495	2	Wheel & Tire Assembly
26	TG0740	2	Tire, Tubeless 11.00 x 16 12-Ply
26	355430	2	Wheel, W10L-16 8-Bolt Gold
26	164420	2	Valve Stem, w/Core & Cap
27	355400	2	Wheel & Tire Assembly Left Hand (Traction)
27	355410	2	Wheel & Tire Assembly Right Hand (Traction)
27	042264	2	Wheel, 11 x 16.1 8-Bolt Gold
27	164420	2	Valve Stem, w/Core & Cap
27	278460	2	Tire, Tubeless Traction 13.50 x 16.1 6-Ply
28	251860	1	Pin, Pivot 1-1/2"
29	JN2018M	-	Washer, Thrust 1.53"
30	044550	2	Bushing, Oilite
31	115590	-	Zerk, Grease 1/4"
32	E580042	-	Pin, Cotter 3/16" x 3.0"
33	E552084	-	Nut, Hex 1-1/2" Slotted
34	345440	1	Extension Weldment, Axle

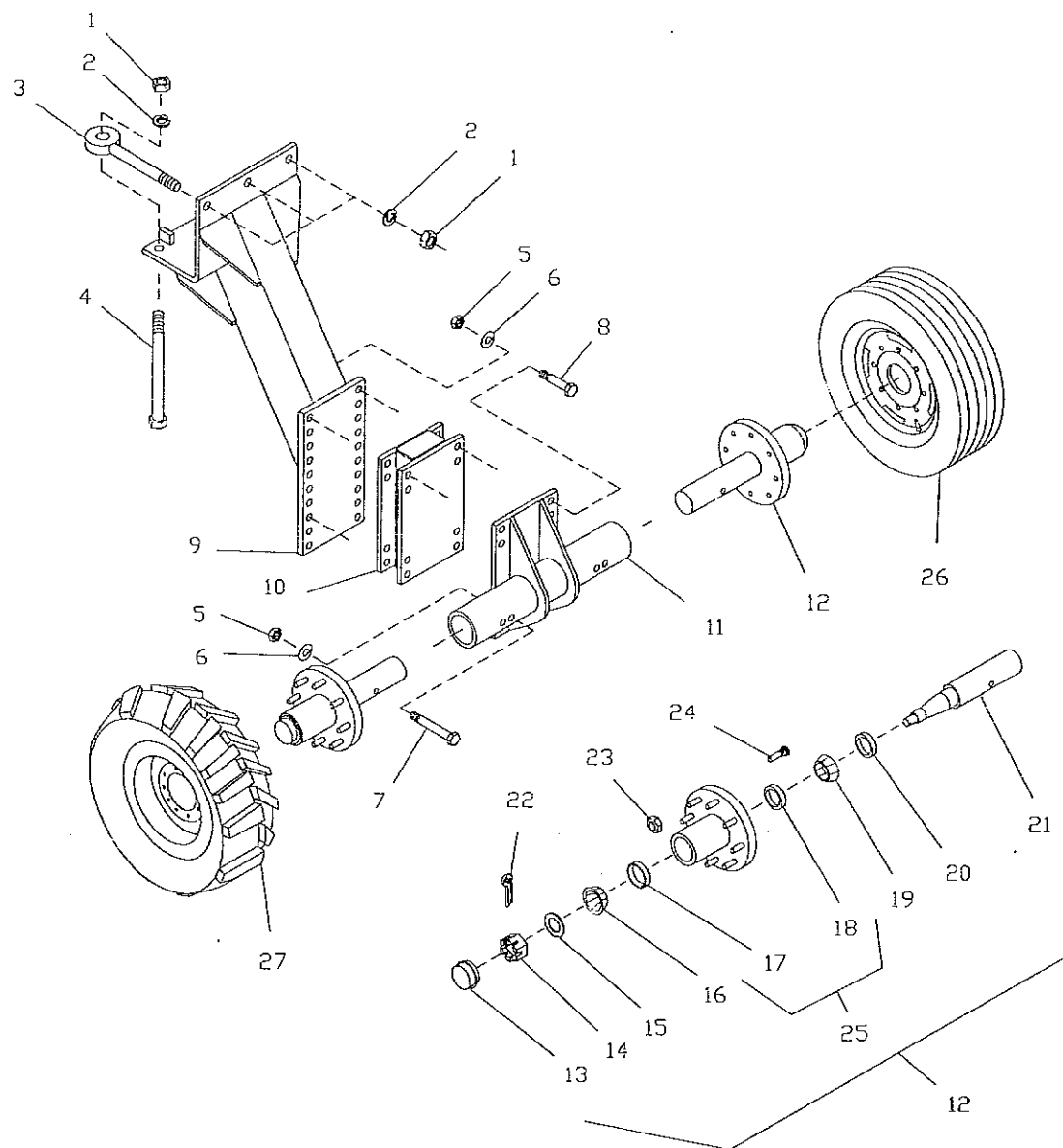
WALKING BEAM ASSEMBLY - 265850



WALKING BEAM ASSEMBLY - 265850

ITEM	PART NUMBER	QTY	DESCRIPTION
1	JN144536	3	Plate, Wheel Mounting
2	265500	1	Spindle Assembly, Walking Beam
3	990740	4	Bolt, HHCS 3/4" x 11"
4	I366112R1	-	Washer, Flat .78" x 1.25" x .105"
5	036800	-	Washer, Lock 3/4"
6	J14H794	-	Nut, Hex 3/4"
7	E672362	4	Bolt, HHCS 5/8" x 9"
8	020440	-	Washer, Lock 5/8"
9	I124589	-	Nut, Hex 5/8"
10	254450	-	Shim, .060" Tandem Wheel
11	254460	-	Shim, .179" Tandem Wheel
12	JN146720	1	Plate, Mounting
13	JM16680	-	Washer, Flat 1.78" x 2.87" x .134"
14	JU44586	-	Nut, Lock 1-3/4"
15	265520	1	Beam Assembly, Walking
16	JJD8214	2	Cup, Bearing
17	JJD8191	2	Cone, Bearing 3-3/8"
18	JR33026	2	Seal, Oil 4.0" x 5.4" x .375"
19	JN144534	1	Spacer
20	JN146633	2	Shim, 2.25" x 4.06" x .048"
21	049180	-	Zerk, Grease 1/4"
22	031490	2	Bolt, HHCS 5/8" x 5"
23	E552046	-	Nut, Lock 5/8"
24	TG0496	2	Hub & Spindle Assembly
25	TG0761	1	Spindle
26	TG0770	1	Seal, 2.50" x 3.75" x .43"
27	E072316	1	Cone, Bearing
28	TG0763	1	Hub Assembly, w/Cups & Studs
29	046700	-	Bolt, Stud 9/16"
30	046710	-	Nut, Lug 9/16"
31	E072319	1	Cone, Bearing 1-5/16"
32	E829019	-	Washer, Flat .938" x 2.25" x .164"
33	I29830	-	Nut, Hex 7/8" Slotted
34	026630	-	Pin, Cotter 5/32" x 1-1/2"
35	TG0769	1	Cap, Hub
36	355440	2	Wheel & Tire Assembly
36	TG0740	1	Tire, 11.00 - 16 12-Ply. Tubeless
36	355430	1	Wheel, W10L - 16, 8 Hole Gold Metallic
37	164420	1	Valve Stem w/Core & Cap

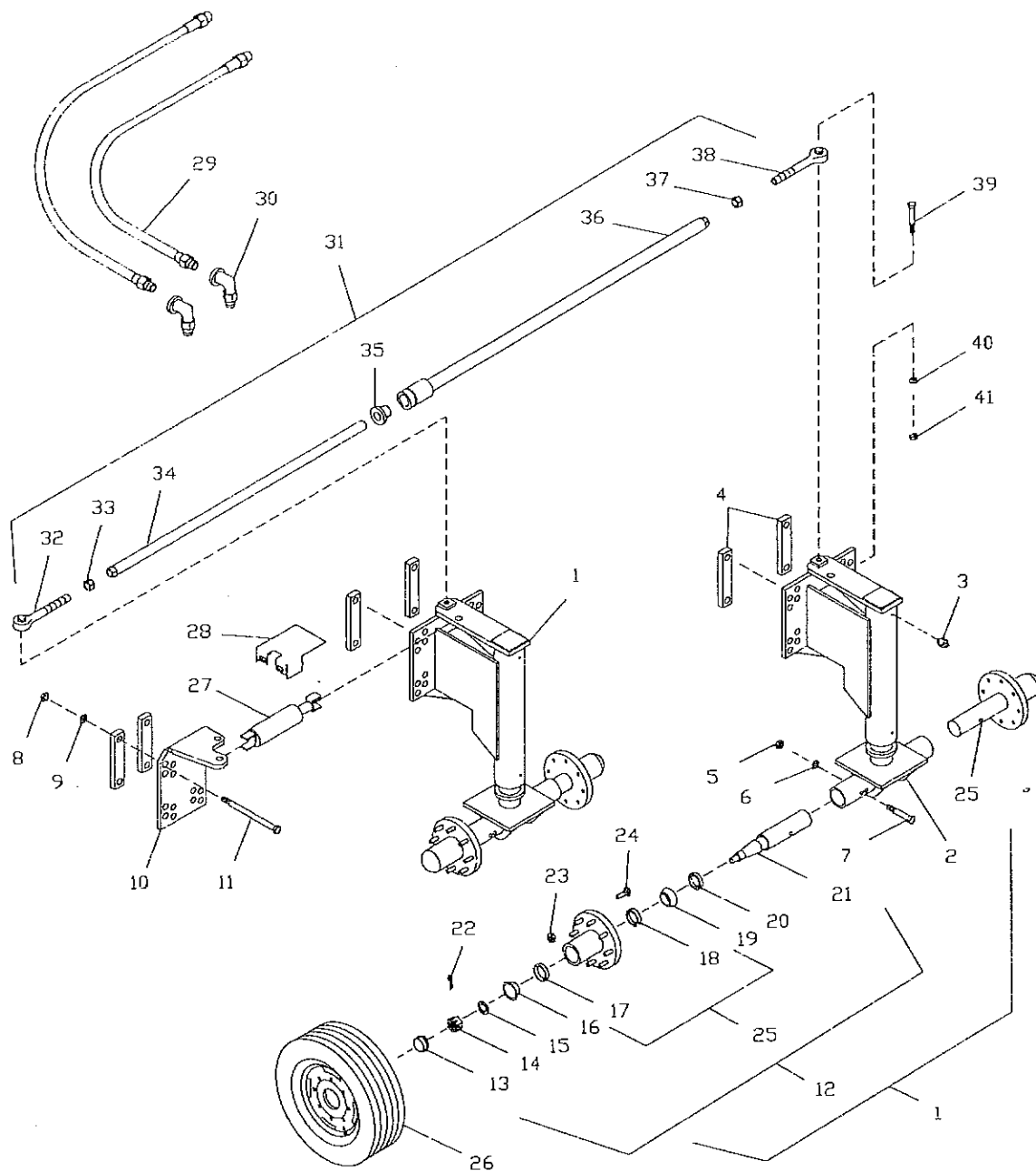
FIXED CARRIER WHEELS - 237530, 278470



FIXED CARRIER WHEELS - 237530, 278470

ITEM	PART NUMBER	QTY	DESCRIPTION
1	J14H794	-	Nut, Hex 3/4"
2	036800	-	Washer, Lock
3	E096162	6	Bolt, Eye 3/4" x 7"
4	E672449	3	Bolt, HHCS 3/4" x 9-1/2"
5	I124589	-	Nut, Hex 5/8"
6	020440	-	Washer, Lock 5/8"
7	028330	2	Bolt, HHCS 5/8" x 4-1/2"
8	990620	-	Bolt, HHCS 5/8" x 2"
9	E506084	2	Leg Weldment, Carrier Wheel
10	345440	1	Bracket, Extension (For Traction Tire Only)
11	228760	2	Bracket Weldment, Axle
12	TG0496	4	Hub & Spindle Assembly
13	TG0769	4	Cap, Hub
14	129830	-	Nut, Hex 7/8" Slotted
15	E829019	-	Washer, Flat 15/16"
16	E072319	4	Cone, Bearing 1-5/16"
17	I13324D	4	Cup, Bearing
18	E072317	4	Cup, Bearing
19	E072316	4	Cone, Bearing 2"
20	TG0770	4	Seal
21	TG0761	4	Spindle
22	026630	-	Pin, Cotter 5/32" x 1-1/2"
23	046710	-	Nut, Wheel 9/16"
24	046700	-	Bolt, Stud 9/16" x 2-1/8"
25	TG0763	4	Hub Assembly, w/Cups & Studs
26	355440	4	Wheel & Tire Assembly
26	TG0740	4	Tire, Tubeless 11.00 x 16 12-Ply
26	355430	4	Wheel, W10L-16 8-Bolt Gold
26	164420	4	Valve Stem, w/Core & Cap
27	355400	4	Wheel & Tire Assembly Left Hand (Traction)
27	355410	4	Wheel & Tire Assembly Right Hand (Traction)
27	042264	4	Wheel, 11 x 16.1 8-Bolt Gold
27	164420	4	Valve Stem, w/Core & Cap
27	278460	4	Tire, Tubeless Traction 13.50 x 16.1 6-Ply

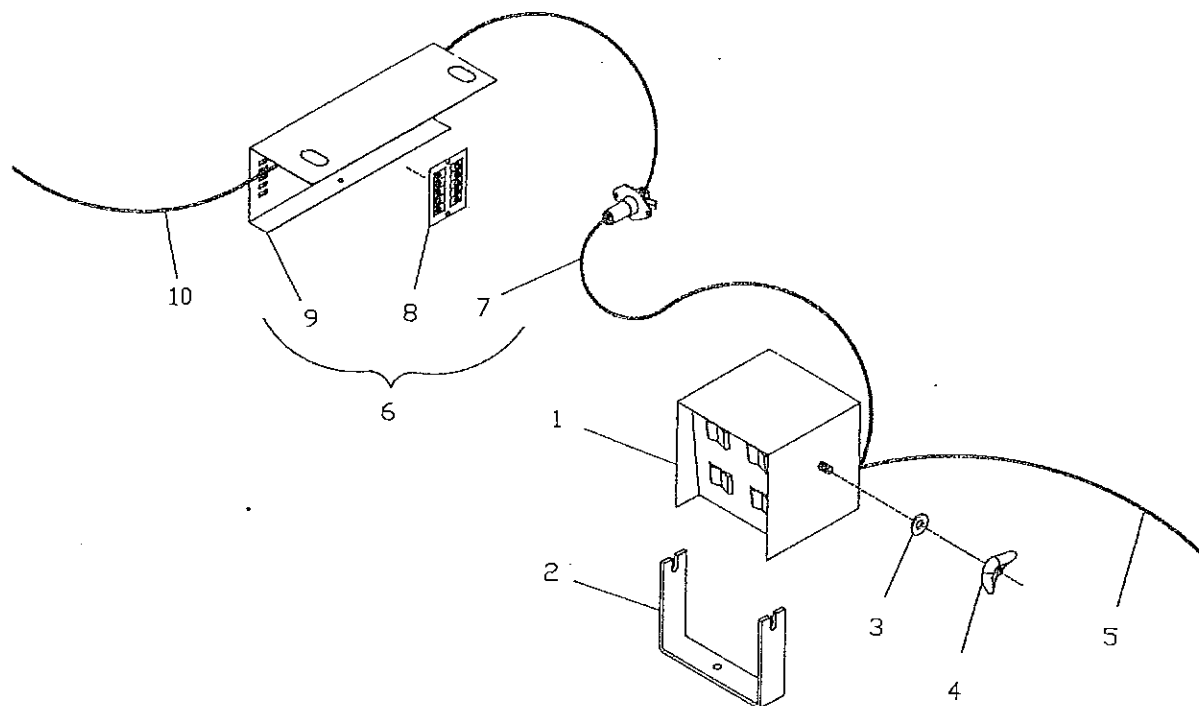
HEAVY DUTY STEERABLE WHEELS - 236730, 253790



HEAVY DUTY STEERABLE WHEELS - 236730, 253790

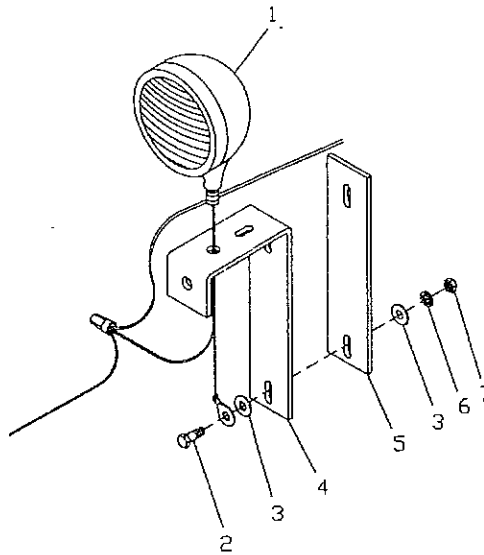
ITEM	PART NUMBER	QTY	DESCRIPTION
1	252060	2	Strut & Hub Assembly, HD Steerable
1	355360	1	Strut & Hub Assembly, HD Steerable (for 3rd Strut)
2	252050	2	Strut Assembly, HD Steerable
2	355370	1	Strut Assembly, HD Steerable (for 3rd Strut)
3	E334006	-	Zerk, Grease 5/16" Press
4	E174044	4	Plate, Clamp
5	I124589	-	Nut, Hex 5/8"
6	020440	-	Washer, Lock 5/8"
7	028330	4	Bolt, HHCS 5/8" x 4-1/2"
8	J14H805	-	Nut, Hex 1"
9	003350	-	Washer, Lock 1"
10	236640	1	Bracket, Cylinder
11	252020	16	Bolt, HHCS 1" x 8"
12	TG0496	4	Hub & Spindle Assembly
13	TG0769	4	Cap, Hub
14	129830	-	Nut, Hex 7/8" Slotted
15	E829019	-	Washer, Flat 15/16"
16	E072319	4	Cone, Bearing 1-5/16"
17	I13324D	4	Cup, Bearing
18	E072317	4	Cup, Bearing
19	E072316	4	Cone, Bearing 2"
20	TG0770	4	Seal
21	TG0761	4	Spindle
22	026630	-	Pin, Cotter 5/32" x 1-1/2"
23	046710	-	Nut, Wheel 9/16"
24	046700	-	Bolt, Stud 9/16" x 2-1/8"
25	TG0763	4	Hub Assembly, w/Cups & Studs
26	355440	4	Wheel & Tire Assembly
26	TG0740	4	Tire, Tubeless 11.00 x 16 12-Ply.
26	355430	4	Wheel, W10L-16 8-Bolt Gold
26	164420	4	Valve Stem, w/Core & Cap
27	E222002	4	Cylinder
28	E694360	1	Shield, Cylinder
29	E356113	1	Hose, Hydraulic 1/2" x 300"
30	006240	2	Elbow, Street 1/2" x 90°
31	E648044	1	Tie-Rod Assembly, Standard
31	279780	2	Tie-Rod Assembly, (for 3rd Strut)
32	E822006	1	Turnbuckle End, 1" x 8" RH
33	147310	-	Nut, Hex 1"
34	E648043	1	Tie-Rod Weldment, Left Hand Standard
34	247440	1	Tie-Rod Weldment, Left Hand (for 3rd Strut)
35	E126108	1	Bushing, Split Taper 1.510"
36	E648042	1	Tie-Rod Weldment, Right Hand Standard
36	279790	1	Tie-Rod Weldment, Right Hand (for 3rd Strut)
37	E552087	-	Nut, Hex 1" Left Hand Thread
38	E822007	1	Turnbuckle End, 1" x 8" Left Hand
39	990590	2	Bolt, HHCS 3/4" x 4"
40	036800	-	Washer, Lock 3/4"
41	J14H794	-	Nut, Hex 3/4"

CONTROL BOX & WIRING - 270510



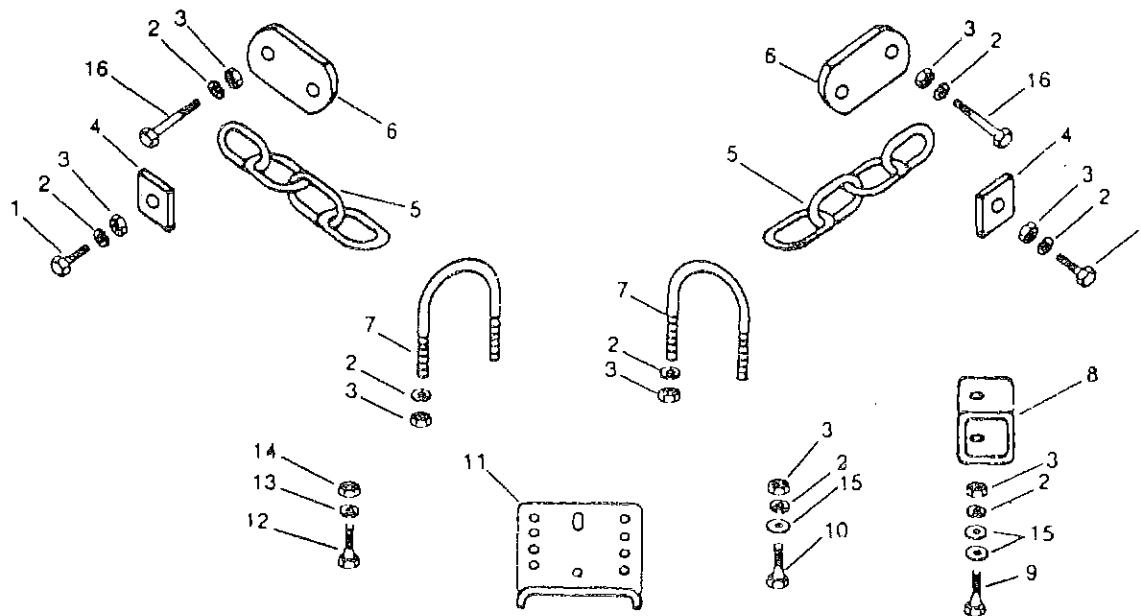
ITEM	PART NUMBER	QTY	DESCRIPTION
1	353550	1	Control Box Assembly
*	345520	1	Decal, Front Control Box
*	345530	1	Decal, Rear Control Box
*	345470	1	Time Delay Circuit Board
*	353570	2	Switch, Rocker On-On/DPDT
*	353580	2	Switch, Rocker On-Off-On/DPDT
2	270160	1	Bracket, Control Box Mounting
3	022920	2	Washer, Flat 5/16"
4	035360	2	Nut, Wing 1/4"-20
5	209390	1	Cord, Service
6	270500	1	Junction, Electrical Assembly
7	270350	1	Wire Assembly, Main Control
*	345590	1	Wire Assembly, Tractor Half
*	345600	1	Wire Assembly, Implement Half
8	270470	1	Block, Contact Barrier
9	270490	1	Shield, Electric Junction
10	345610	1	Wire Assembly, 690 Control Valve

LIGHT PACKAGE - 270310



ITEM	PART NUMBER	QTY	DESCRIPTION
1	242110	3	Lamp, 12Horizontal Mount Halogen
2	011370	-	Bolt, HHCS 3/8" x 1-1/2"
3	021190	-	Washer, Flat 3/8"
4	236250	3	Bracket, Light Mounting
5	236260	2	Bar, Light Bracket Back-Up
6	021180	-	Washer, Lock 3/8"
7	027260	-	Nut, Hex 3/8"

DRAWBAR SUPPORT - 1402002



ITEM	PART NUMBER	QTY	DESCRIPTION
1	013430	-	Bolt, HHCS 5/8" x 2-1/4"
2	020440	-	Washer, Lock 5/8"
3	1124589	-	Nut, Hex 5/8"
4	JN146861	2	Washer, Rect. 21/32" x 1-1/4" x 1-1/2" x .250"
5	JAN142550	2	Chain, Link
6	JN146862	2	Strap, Drawbar Support
7	JN146864	-	U-Bolt, 5/8"
8	JN146865	1	Tube (Use w/1-3/8" Drawbar)
9	990680	1	Bolt, HHCS 5/8" x 5-1/2" (Use w/1-3/8" Drawbar)
10	J19H3208	-	Bolt, HHCS 5/8" x 3" (Use w/1-3/8" Drawbar)
11	JN146863	1	Plate, Drawbar Support
12	990570	-	Bolt, HHCS 3/4" x 3" (Use w/1-3/4" Drawbar)
13	036800	-	Washer, Lock 3/4"
14	J14H794	-	Nut, 3/4"
15	035210	-	Washer, Flat 21/32" x 1-5/16" x .090"
16	J19H3208	-	Bolt, HHCS 5/8" x 3"
16	J19H3170	-	Bolt, HHCS 5/8" x 4-1/2" (Use w/1-3/8" Drawbar)

DECALS AND PAINT - 286110

PART NUMBER	DESCRIPTION
022010	Paint, Art's-Way Green 1 Gallon Can
043121	Paint, Art's-Way Green 16 oz. Spray Can
963500	Paint, AW Green
148190	Decal, Caution - Shields for Protection
227420	Reflector, Amber
227430	Reflector, Red
234340	Decal, Caution 8-Instructions
234350	Decal, Danger Electrical Clearance
234360	Decal, Danger Rotating
289490	Decal, 692 Model
289500	Decal, Idler Spring 4.5
289510	Decal, Idler Spring 5.5
345410	Decal, Level Harvester
345420	Decal, Row finder Instructions
345430	Decal, Patent
355450	Decal, Art's-Way 20" Logo
355460	Decal, Gold Meal Stripe
355500	Tag, Serial No. Finished
E224032	Decal, Hood Warning
E224071	Decal, Caution Shields
E224072	Decal, Stand or Ride
E224133	Decal, Slow Moving Vehicle

SPECIFICATIONS

692 BEET HARVESTER GENERAL DESCRIPTION

MODEL

6 or 8 Row Tank Type Harvester

OVERALL DIMENSIONS

Transport 14'H x 21'6"W x 20'6"L
Operating 15'3"H x 27'W x 20'6"L
Machine Weight 22,000 lbs

TIRES

Implement 11.00-16 12 Ply
Traction 13.50 x 16.1 6 Ply
Tread width Adjustable to row spacing
Operating pressure 45 psi (Implement)
25 psi (Traction)

ROW SPACING

6 rows 28" to 30"
8 rows 20" to 22"
Operating speed 4.5 to 6 mph
Lift and depth control* hydraulic
Steering hitch control** hydraulic

* Requires 5" x 8" remote cylinder (not furnished)

**Requires 4" x 8" remote hydraulic cylinder (not furnished)

LIFTER WHEELS

(2 per row) 28" solid rim heavy duty cast steel

LIFTER STRUTS

Heavy duty tapered bearings

LIFTER WHEEL SCRAPERS

To prevent mud buildup on lifter wheels

PADDLE SHAFT AND DRIVE

Type Three steel per row
Drive Heavy #80 roller chain with heavy duty slip clutch

CENTER GEARBOX

Heavy, 1-3/4" Diameter Shafts
Capacity - 5 Qts. 90W Gear Oil

CONVEYOR ROLL BED AND DRIVE

Size 48 sq. ft.
Type Six spiral conveyor rolls 6-5/8" diameter
Drive Belt drive with spring loaded idlers

GRABROLLS AND DRIVE

Size 35 sq. ft.
Type Three 6-5/8" grabrolls with 3/4" spiral rods and three 5-inch smooth grab rolls adjustable spring loading and spacing
Drive Belt drive with spring loaded idlers

TRUCK TO TANK LOADING ELEVATOR

Size Width, 40-inch 56mm pitch belted chain
Type Electro-hydraulic valve and hydraulic motor driven belted chain, reversible for tank or truck loading, retractable for transport

TANK

Construction Welded Steel
Capacity 9,000 pounds
Unloading Chain type conveyor, actuated by electro-hydraulic valve and hydraulic motor

TIGHTENING TORQUE GUIDE SAE GRADE 5 - COARSE THREAD

SIZE	CLAMP LOAD	PLAIN	PLATED
1/4 - 20(.250)	2,025	8 ft. lbs.	76 in. lbs.
5/16 - 18(.3125)	3,338	17 ft. lbs.	13 ft. lbs.
3/8 - 16(.375)	4,950	31 ft. lbs.	23 ft. lbs.
7/16 - 14(.4375)	6,788	50 ft. lbs.	37 ft. lbs.
1/2 - 13(.500)	9,075	76 ft. lbs.	57 ft. lbs.
9/16 - 12(.5625)	11,625	109 ft. lbs.	82 ft. lbs.
5/8 - 11(.625)	14,400	150 ft. lbs.	112 ft. lbs.
3/4 - 10(.750)	21,300	266 ft. lbs.	200 ft. lbs.
7/8 - 9(.875)	29,475	430 ft. lbs.	322 ft. lbs.
1 - 8(1.00)	38,625	644 ft. lbs.	483 ft. lbs.
1-1/8 - 7(1.125)	42,375	794 ft. lbs.	596 ft. lbs.

IDENTIFICATION OF SAE BOLT GRADES; HEAD MAKINGS

Grades 0, 1, and 2 no markings



Grade 5: 3 radial dashes 120° apart



Grade 8: 6 radial dashes 60° apart



SPECIFICATIONS

TRACTOR REQUIREMENTS

RECOMMENDED HORSEPOWER RATING

6, 8 row 175 PTO HP (minimum)

REMOTE CYLINDERS: (NOT FURNISHED)

(1) 4" x 8" and (1) 5" x 8"

HYDRAULICS REQUIREMENTS

Tractor must be equipped with three remote hydraulic outlets, four remotes if equipped with steerable wheels. The tractor must be capable of supplying 22 gpm flow. If using the "Power Beyond", connect to the row finder, tank and elevator drives.

PTO SHAFT

Tractors must have 1-3/8" or 1-3/4" diameter 1000 rpm PTO shaft. (Do not use an adapter shaft.)

FRONT BALLAST

Maximum tractor front ballast is required.

DRAWBAR SUPPORT (RECOMMENDED)

ELECTRICAL SYSTEM

12-Volt

ATTACHMENTS

ROW FINDER

To keep the harvester on the row.

LIFTER WHEEL CLOSE-UPS

To prevent loss of small beets through lifter wheels

LIFTER WHEEL SPACERS

To increase lifter wheel opening by 1/4" increments

LIFTER WHEEL CUSHIONS

To protect lifter wheels in rocky soil conditions (standard on flex struts).

CONSTANT VELOCITY PTO

Allows turning without disengaging PTO

FLASHING WARNING LIGHT KIT

Recommended where regulations allow when towing harvester. Order JTY15263

LIGHT PACKAGE

To light machine for night use (3 sealed beam halogen lights)

FIXED OR STEERABLE WHEELS

EXTRA FIXED OR STEERABLE CARRIER STRUT

Helps flotation in very wet conditions.

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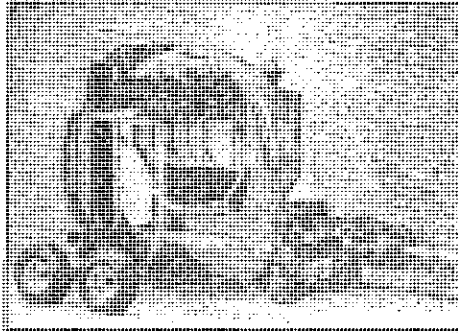
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J19H1806	32	45	JAT30144	23	5	JN145970	44	5	TG0740	26	49
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J19H3170	16	58	JCJ21FN	15	5	JN145972	29	5	TG0740	26	55
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J23096	40	5	JJD8214	16	51	JN146355	43	33	TG0761	25	51
J24H1367	11	46	JJD8646	3	46	JN146633	20	51	TG0763	25	49
J24H1367	43	5	JJD8813	20	5	JN146720	12	51	TG0763	25	53
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J24H1462	4	43	JL1713C	30	5	JN146864	7	58	TG0769	13	53
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J26H23	12	46	JM16680	13	51	JN147036	39	5	TG0769	35	51
J28H1508	59	47	JM2118T	20	41	JN147174	41	5	TG0770	20	49
J28H1922	13	46	JN10212	5	41	JN147175	36	5	TG0770	20	53
J28H2515	14	46	JN10214	10	31	JN147291	44	33	TG0770	20	55
J28H2612	23	41	JN10214	17	41	JN147304	12	37	TG0770	26	51
J34H280	1	34	JN109877	42	33	JN185041	5	46	V060326	48	29
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"A Total Sugar Beet Harvesting System"

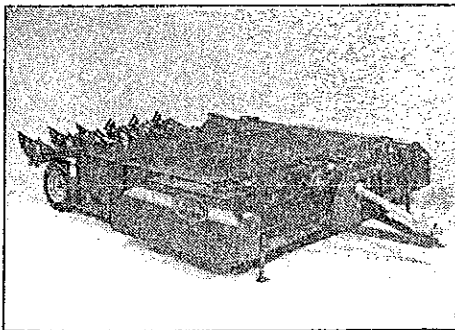
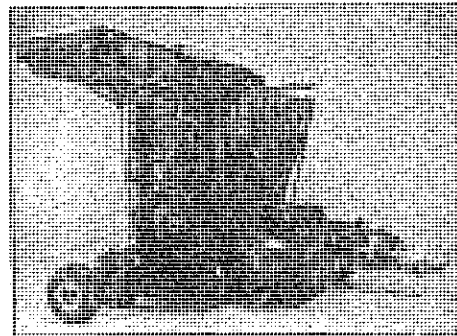


690 Series - Wheel Harvester

The Wheel Harvester offers you low maintenance and high capacity while being gentler on beets. Fewer moving parts ensure many years of trouble free performance.

680 Series - Scrubber Chain Harvester

When looking for a harvester with excellent versatility, look to the 680 Series. The trouble free mechanical driven design has proven reliable and easy to maintain.



630, 784A & 786A Defoliators

Art's-Way defoliators offer reliability and ease of adjustment. Their heavy duty design provides you with low maintenance and years of trouble free operation.

Art's-Way Manufacturing Co., Inc.

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