

Beet Harvester

Model: 697

ILLUSTRATED PARTS LIST

Art's-Way Manufacturing Co., Inc.

()

A

B

C

()

D

E

F

G

H

I

J

K

L



Quality Manufacturers of:

- **Portable Mixer-Processor**
105 bushel with 20" hammerMill or 150 bushel with 26" HammerMill.
- **GRIXXER - Mixer Processor**
Economical portable 105 bushel Grinder Mixer with a 20" HammerMill — other options available.
- **SSP 150 - Superior Swine Processing**
150 bushel with 30" RollerMill for cattle applications.
- **CATTLEMAX - Cattle Processing**
105 bushel or 150 bushel with 20" RollerMill for cattle applications.
- **HammerMills**
26" electrically or PTO driven mills.
- **RollerMills**
10", 20", 30" or 36" PTO or electrically driven mills.
- **SCALE SYSTEMS**
Electronic weighing equipment — from basic weighing to a computerized system.
Platform Scales
Universal Scales
Small Animal Scales
Mounting Scales
Scale Accessories
Indicators, single ingredient & Batching
- **Flail Shredders**
144", 180" or 240" cutting widths.
- **LOGAN - Potato Equipment**
Potato Harvesters, Potato Planters, Windrowers and Bulk Boxes.
- **Finishing Mowers and Rotary Cutters**
60" or 72" Rear Mount and Mid-Mount Mowers.
- **Eversman PreSeeder**
15' to 30' tillage tool that prepares the ideal seed bed, incorporates chemicals and plants in one pass.
- **Eversman Ditchers**
43" to 84" ditch width.
20" to 22" ditch depth.
- **Eversman Land Levelers**
9' 3" to 14' cutting blade width.
19" to 30" cutting blade depth.
- **Eversman Land Planes**
16', 20' or 24' blade widths.
- **Eversman Scrapers**
78" cutting width.
2 yards to 5-1/2 yards strut capacity.
- **Sugar Beet Defoliators**
4 to 12 row defoliators with different row spacings. Optional hydraulic or mechanical scalpings.
- **Sugar Beet Harvesters**
4 to 8 row harvesters with different row spacings.
- **MEGA tater**
4-row potato harvester.
- **Grain Wagons**
350 bushel or 475 bushel center dump.
280 bushel, 320 bushel, 390 bushel, 470 bushel or 747A bushel side dump.

Art's-Way Manufacturing Co., Inc.

P.O. Box 288, Highway 9 West • Armstrong, Iowa 50514-0288
Phone: (712) 864-3131 • Fax: (712) 864-3154

TO THE OWNER

Congratulations on the purchase of your new Art's-Way Harvester. You have selected a top quality machine that is designed and built with pride to ensure you have many years of efficient, reliable service.

Even if you are an experienced operator of this or similar equipment, *we ask you read the Operator's Manual before running this harvester.* 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, (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 the equipment previously sold.

Because modifications to this harvester 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. Any modifications made without the written permission of Art's-Way Manufacturing Co., Inc. shall void the warranty of this product.

In the interest of continued safe operation of this harvester, *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 attempts to design and manufacture its product in accordance with accepted engineering practices in effect at the 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. In addition, Art's-Way assumes no liability for product altered or modified in any way by users or anyone other than an authorized dealer.

Important Warranty Information

The warranty for this harvester appears on page iv of this Manual. In order to establish proper warranty registration, the Warranty Registration and Dealer Pre-Delivery Checklist must be completed and returned to the factory. Failure to comply with this requirement may result in reduced warranty allowances.

PARTS AND SERVICE

As the new purchaser of your Harvester, it is very important to consider 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 Harvester. Parts for your machine may be ordered through our dealers. When placing a parts order, please have the model and serial number 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 number, serial number and the date of purchase, as well as your dealer's name and address.

Owner's Name: _____

Owner's Address: _____

Purchase Date: _____

Dealership Name: _____

Dealership Address: _____

Dealership Phone No.: _____

	
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.)

Enter the serial number and model number of your harvester in the space provided above.

TABLE OF CONTENTS

To the Owner	i	Ferris Wheel Drive - 44051020	20
Specifications and Design Are Subject to Change Without Notice.....	i	Grab Roll Assembly, Grab Roll Panels - 44051060	22
Art's-Way Manufacturing Co., Inc. Statement of Product Liability	i	Grab Roll Drive, Left Hand Side - 4405108L	24
Important Warranty Information.....	i	Grab Roll Drive, Right Hand Side - 4405108R	26
Parts and Service	ii	Tank Drive & Center Flap - 462940	28
Table of Contents	iii	Tank Shafts & Sprockets - 4405103	30
Limited Warranty	iv	Support Assembly, Wheel Elevator - 439820	31
Safety First	v	Assembly, Shields - 4405114	32
Notices of Danger, Warning and Caution.....	v	Diverter Rolls & Grate - 4405107	34
Safety Guidelines	vi	Idlers	35
Before Operating	vi	Elevator Assembly, Tank - 439850	36
During Operation.....	vi	Elevator Assembly, Boom Truck - 439860	38
Maintenance Safety	vi	Elevator Assembly, Truck - 440190	40
Hydraulic Safety.....	vi	Tower & Tank Elevator Assembly - 440440	42
Transportation Safety.....	vii	Tank & Mounting Package - 440430	44
Storage Safety	vii	Tank Assembly - 440860	46
Tire Safety	vii	Wiring, Main Valve & Control - 449840	47
Assembly Safety	vii	Main Valve - 443680 (Item 22 page 49)	47
PTO Assembly Constant Velocity		Elevator Mounting Parts - 44043010	48
356840 - 1-3/8", 286280 - 1-3/4"	1	Truck Elevator Completion - 440450	50
Hitch Assembly, Bolt On - 432910	2	Ferris Wheel & Drive - 438840	52
Tube Assembly, Rowfinder Cylinder - 439080	4	Carrier Wheels, Fixed - 432510	53
Drawbar Support Kit, 3 Point - 427490	4	Carrier Wheels, Steerable - 444470	54
Lift Cylinder 5" x 8" - 433800	5	Hub & Spindle Assembly - 442790	56
Rowfinder Cylinder 4" x 8" - 433810	5	Hub Assembly - 431990	56
Tongue Assembly - 432800	6	Tire & Wheel Assembly - 440880	57
Hydraulic Rowfinder - 448040	8	Cylinder Flow Divider with Reliefs - 443690	57
Lift Wheel Assembly, Flex Struts - 433100	10	Hub & Spindle Assembly LH, Steerable - 445590	58
Lift Wheel Assembly, Fixed Struts - 438720	12	Hub & Spindle Assembly RH, Steerable - 445600	59
Strut Assembly, Pivot Flex - 433110	14	Control & Wiring, Steerable Wheels - 436930	60
Gearbox, Main 1.93:1, 2150 - 286580	15	Light Package - 270310	60
Gearbox, Side - 431200	16	Road Hazard Lights Assembly - 386270	61
Front Gearbox & Shaft - 4405010	17	Retainer Assembly - 433080	62
Paddle Shaft, Barriers & Covers - 449280	18	Stripper - 432550	64
Paddle Assemblies.....	19	Decals & Paint	66
		Specifications	68
		Index	69

LIMITED WARRANTY

Art's-Way Manufacturing Co., Inc. warrants the 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 expenses of delay and the Company's liability is limited to repair or replacement of defective parts as set forth herein.
- Any improper use, and maintenance, including operation after discovery of defective or worn parts, operation beyond the rated capacity, substitution of parts not approved by Art's-Way Manufacturing Co., Inc. or any alteration or repair by other than 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 the specific legal rights and you may have other rights which vary from state to state.

SAFETY FIRST

"A careful operator is the best insurance against an accident."

(National Safety Council)

Most accidents can be prevented if the operator:

- fully understands how the machine functions
- can anticipate situations which may produce problems
- can make necessary corrections before problems develop.

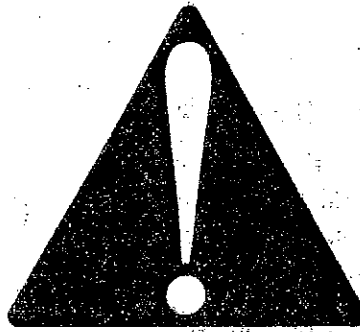


Figure 1: The Universal Safety Alert Symbol

The American Society of Agricultural Engineers has adopted the *Universal Safety Alert Symbol* (Figure 1) as a way to identify areas of potential danger if the equipment is not operated correctly. *Please be alert whenever you see this symbol in the manuals or on your Harvester.*

Art's-Way Manufacturing Co., Inc. strives to make our equipment as safe as it can possibly be. The Harvester conforms to applicable safety standards at the time of manufacturing. A safety conscious equipment operator makes an effective accident-prevention program complete.

Safety features and instructions for the Harvester models are detailed elsewhere in the Operator's Manual. It is the responsibility of the owner to ensure that *all* operators read and understand the Manual before they are allowed to operate the harvester. (*Occupational Safety and Health Administration (OSHA) regulation 1928.57.*)

Notices of Danger, Warning and Caution

Watch for these words on the harvester and in this Manual to alert you to important safety messages:



DANGER: Immediate and specific hazard which *will* result in severe personal injury or death if proper precautions are not taken.



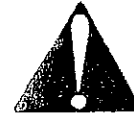
WARNING: Specific hazard or unsafe practice *could* result in severe personal injury or death if proper precautions are not taken.



CAUTION: A reminder of good safety practices. Personal injury *could* result if proper procedures are not followed.



SAFETY GUIDELINES



CAUTION: Remember, a careful operator is the best insurance against an accident.



CAUTION: *Read and Understand the Operator's Manual and all the safety decals before operating the harvester. Review all 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 harvester.
- Be sure that the correct implement driveline parts are used and that they are properly secured.
- Install the safety chain when attaching the harvester 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 the PTO before starting. Follow the starting instructions according to your tractor manual.
- Operate the harvester only while seated on the tractor seat.
- Make sure that unit is adequately supported with safety blocks or safety stands when changing tires or working on it.

During Operation

- Keep hands, feet, hair and clothing away from moving parts.
- Keep all shields and guards in place and in good repair.
- Keep all children and bystanders away from the harvester while in operation.
- *Do not* allow riders while the harvester is in operation.
- *Do not* attempt to unclog, clean or adjust the harvester while it is running

- Before servicing, adjusting, repairing or unplugging the harvester, stop the tractor engine, place all the controls in neutral, set the parking brake, remove the 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. (See the Hydraulic Safety section, below.)

Maintenance Safety

- Follow all operating, maintenance and safety instructions found in this Manual and Operator's Manual.
- Before servicing, adjusting, repairing or unplugging the harvester, stop the tractor engine, place all the controls in neutral, set the parking brake, remove the ignition key and wait for all moving parts to stop.
- Use only the 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 the service area clean and dry and use adequate light for the job at hand.
- Make sure all shields/guards are in place and properly secured when maintenance work is complete.

Hydraulic Safety

- Before applying pressure from the hydraulic system make sure all lines, fittings and couplers are tight and in good condition.
- Relieve pressure from the hydraulic circuit before servicing or disconnecting from the tractor.
- 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 cement. The hydraulic system operates under extremely high pressure and temporary repairs may fail suddenly and create a hazardous situation.

SAFETY GUIDELINES

- 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 the 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 the harvester is securely attached to the tractor and install a safety chain to the harvester, install a retainer through the drawbar pin and attach the safety chain.
- *Do not* fail to latch the tractor brake pedals together.
- *Do not* exceed 10 mph (16 km/h) when transporting the harvester. Always 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 the other traffic.
- A dealer installed Road Light Kit is available. It includes warning lights that plug into your tractor's light connector. The red tail light will illuminate whenever the tractor road lights are turned on.
- The weight of the trailed machine should *NEVER* exceed the weight of the towing vehicle.
- Check clearances carefully whenever the machine is towed.
- Stay away from overhead or side obstructions and power lines during transport. Electrocutation 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.
- Park the harvester on level 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 or death.
- *Do not* substitute tires of lesser road rating and capacity for the original equipment tires.



CAUTION: Failure to follow proper procedures when mounting a tire on a wheel or rim can produce an explosion which may result in serious injury or death. Do not attempt to mount a tire unless you have the proper equipment and experience to perform the job. Have it done by your dealer or a qualified tire repair service.

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.

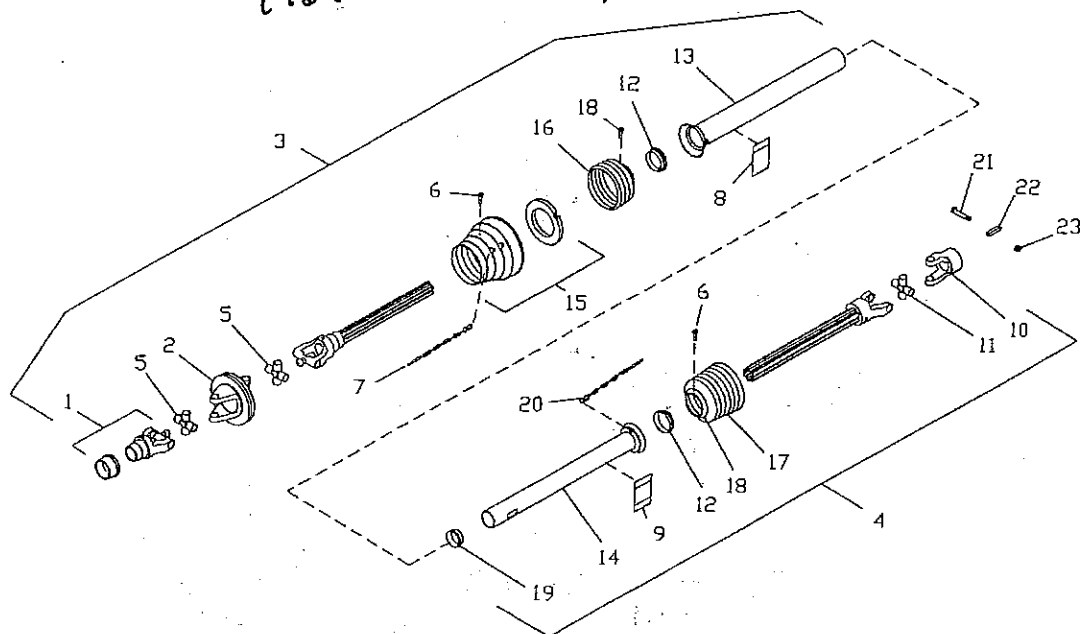
NOTES

PTO ASSEMBLY, CONSTANT VELOCITY

356840 - 1-3/8", 286280 - 1-3/4"

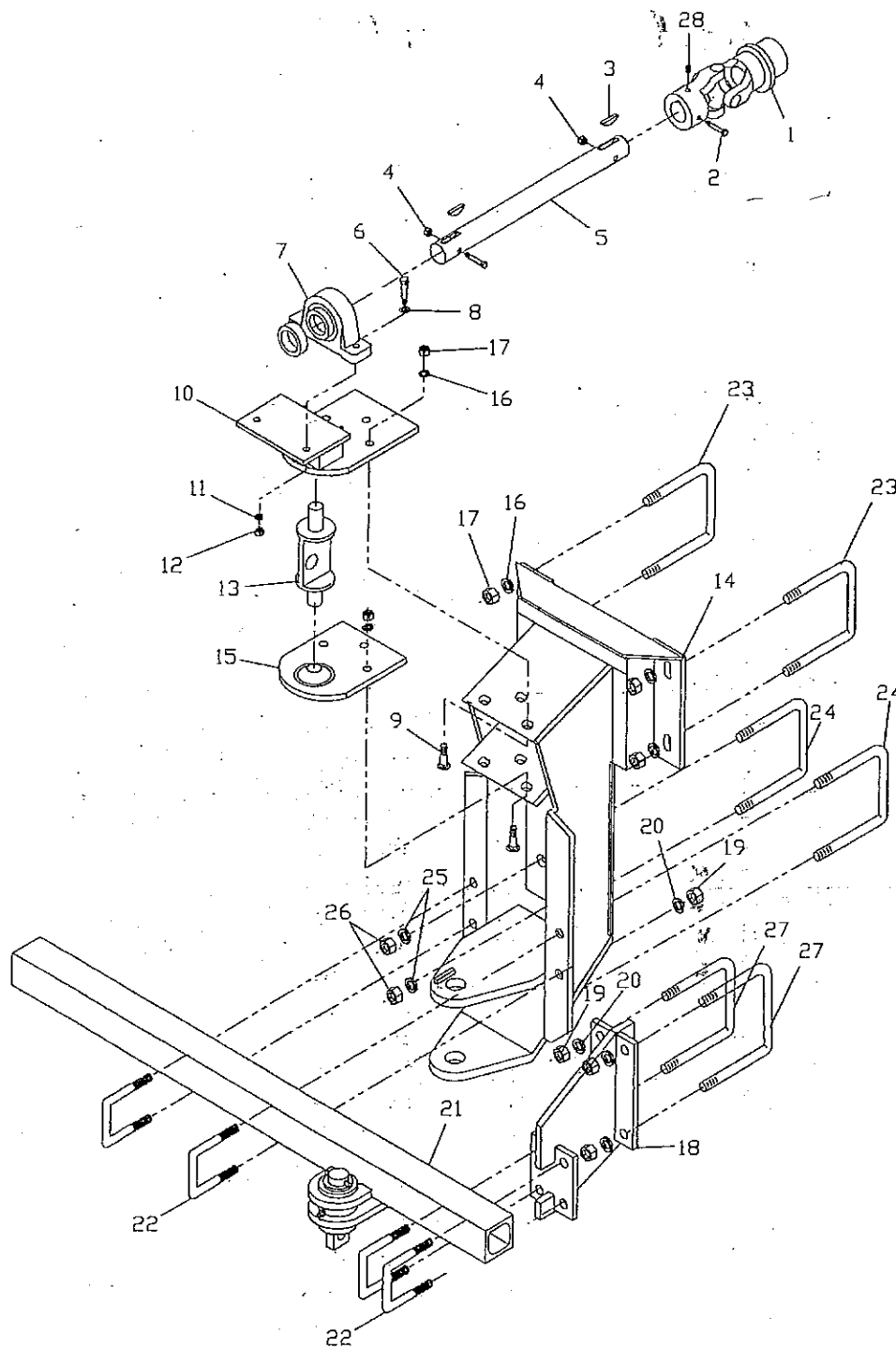
498750

498760



Item	Part Number	Qty.	Description
1	345830	1	Assembly, Yoke 1-3/8" - 21 Spline
	340210	1	Assembly, Collar Kit 1-3/8"-20 (in item 1)
1	345840	1	Assembly, Yoke 1-3/4" Spline
	340200	1	Assembly, Collar Kit 1-3/4"-6 (in item 1)
2	345850	1	Yoke, Double
3	287460	1	Assembly, PTO CV2580 Tractor Half - 1-3/8" 498800
3	357840	1	Assembly, PTO CV2580 Tractor Half - 1-3/4" 472160
4	287450	1	Assembly, PTO CV2580 Implement Half - 1-3/8"
4	357850	1	Assembly, PTO CV2580 Implement Half - 1-3/4"
5	345870	2	Kit, Cross and Bearing CV
6	345980	8	Screw, Shield (in item 15, 16 and 17)
7	354190	1	Chain, Safety 600 mm
8	268860	1	Decal, Danger Rotating Drive Line (on item 13)
9	340180	1	Decal, Danger Shield Missing (on item 14)
10	345910	1	Yoke, 1-3/4" RB 3/8" Keyway
11	182230	1	Kit, Cross and Bearing
12	182900	2	Bearing, Ring SC 25
13	287490	1	Tube, Outer Shield Oval - 1-3/8"
13	357880	1	Tube, Outer Shield Oval - 1-3/4"
14	287500	1	Tube, Inner Shield Round - 1-3/8"
14	357890	1	Tube, Inner Shield Round - 1-3/4"
15	345950	1	Assembly, CV Cone and Bearing
16	345960	1	Shield, Cone 3 Rib
17	340140	1	Shield, Cone 7 Rib
18	349250	1	Collar, Reinforced (359474)
19	340190	1	Bearing, Support
20	182890	1	Chain, Safety
21	990870	1	Bolt, HHCS 3/8"-16 x 3-1/2"
22	021530	1	Key, Square 3/8" x 2"
23	E552044	1	Nut, Lock 3/8"-16 Hex Top Grade A

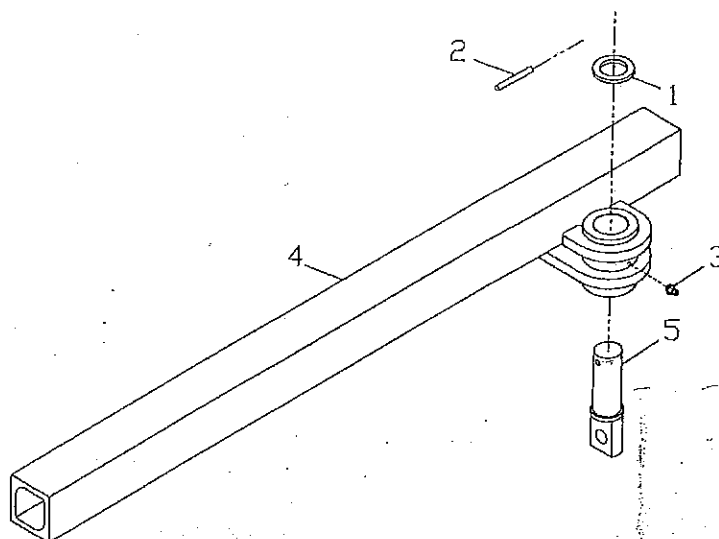
HITCH ASSEMBLY, BOLT ON - 432910



HITCH ASSEMBLY, BOLT ON - 432910

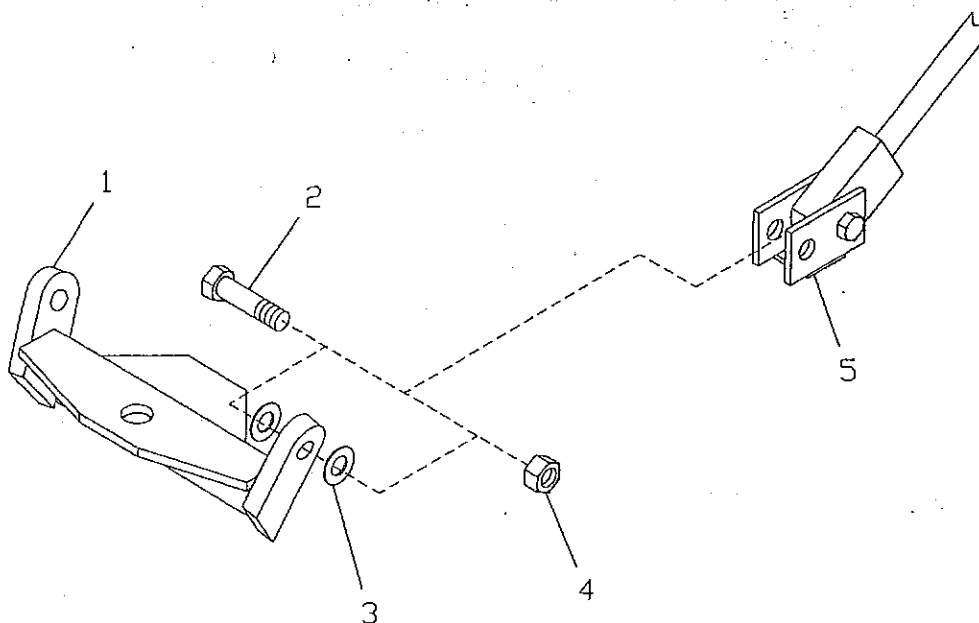
Item	Part Number	Qty.	Description
1	439100	1	Joint, U 1-3/4" RB x 1-3/8"-21 Spline
2	I189304	2	Bolt, HHCS 3/8"-16 x 3-1/4"
3	231950	2	Key, Woodruff 3/8" x 2-3/4"
4	E552044	2	Nut, Lock 3/8"-16 Hex Top Grade A
5	432700	1	Shaft, 1-3/4" Dia. x 19-7/8"
6	023950	2	Bolt, HHCS 1/2"-13 x 2"
7	238420	1	Bearing, Pillow Block 1-3/4"
8	I20601R1	2	Washer, 1/2"
9	I441452R1	6	Bolt, Carriage 5/8" x 2"
10	437100	1	Weldment, Upper Cylinder Plate
11	005370	2	Washer, Lock 1/2"
12	005360	2	Nut, Hex 1/2"-13
13	431740	1	Pin, Cylinder Double
14	431960	1	Weldment, Bolt-on Hitch
15	437090	1	Weldment, Lower Cylinder Plate
16	020440	10	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
17	I124589	10	Nut, Hex 5/8"-11
18	432920	1	Weldment, Outer Brace
19	J14H794	12	Nut, Hex 3/4"-10
20	036800	12	Washer, Lock 3/4"
21	439080	1	Assembly, Rowfinder Cylinder Tube
22	246120	4	Bolt, U 3/4"-10 x 1-1/2" x 4-1/2" Threaded
23	286490	2	Bolt, U 5/8"-11 x 5-1/2" x 6"
24	JN146992	2	Bolt, U 7/8"-9 x 7-1/2" x 7" x 2" Square Threaded
25	003460	4	Washer, Lock 7/8"
26	E552017	4	Nut, Hex 7/8"-9
27	375070	1	Bolt, U 3/4"-10 x 6-3/4" x 7-1/16"
28	120970	1	Screw, HSSS 3/8"-16 x 1/2" KnCup
29	455540	2	Strap, Shim (Not Shown)

TUBE ASSEMBLY, ROWFINDER CYLINDER - 439080



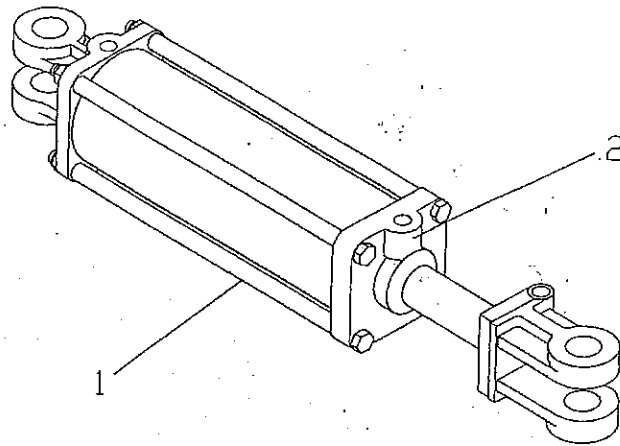
Item	Part Number	Qty.	Description
1	E126034	1	Bushing, Machined 1-7/8" x 2-7/8" 10 Gauge
2	E580057	1	Pin, Roll 3/8" x 2-1/2"
3	115590	1	Zerk, 1/4"-28 Taper Self-Tapping Straight
4	431980	1	Weldment, Rowfinder Tube
5	268240	1	Pin, Rowfinder Cylinder

DRAWBAR SUPPORT KIT, 3 POINT - 427490



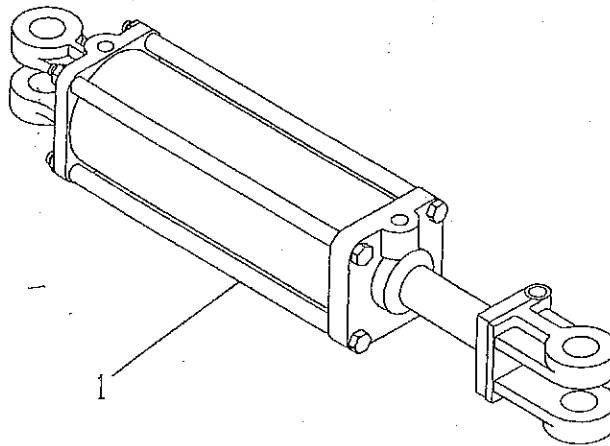
Item	Part Number	Qty.	Description
1	424300	1	Support, Drawbar
2	991060	4	Bolt, Hex 1"-8 x 5"
3	1107389	26	Washer, Flat 1"
4	990510	4	Nut, Lock 1"
5	424320	2	Weldment, Drawbar Support Bracket

LIFT CYLINDER 5" X 8" - 433800



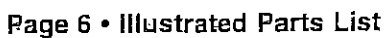
Item	Part Number	Qty.	Description
1	463120P	1	Plug, Hydraulic Depth Control
2	456460P	1	Kit, Seal

ROWFINDER CYLINDER 4" X 8" - 433810



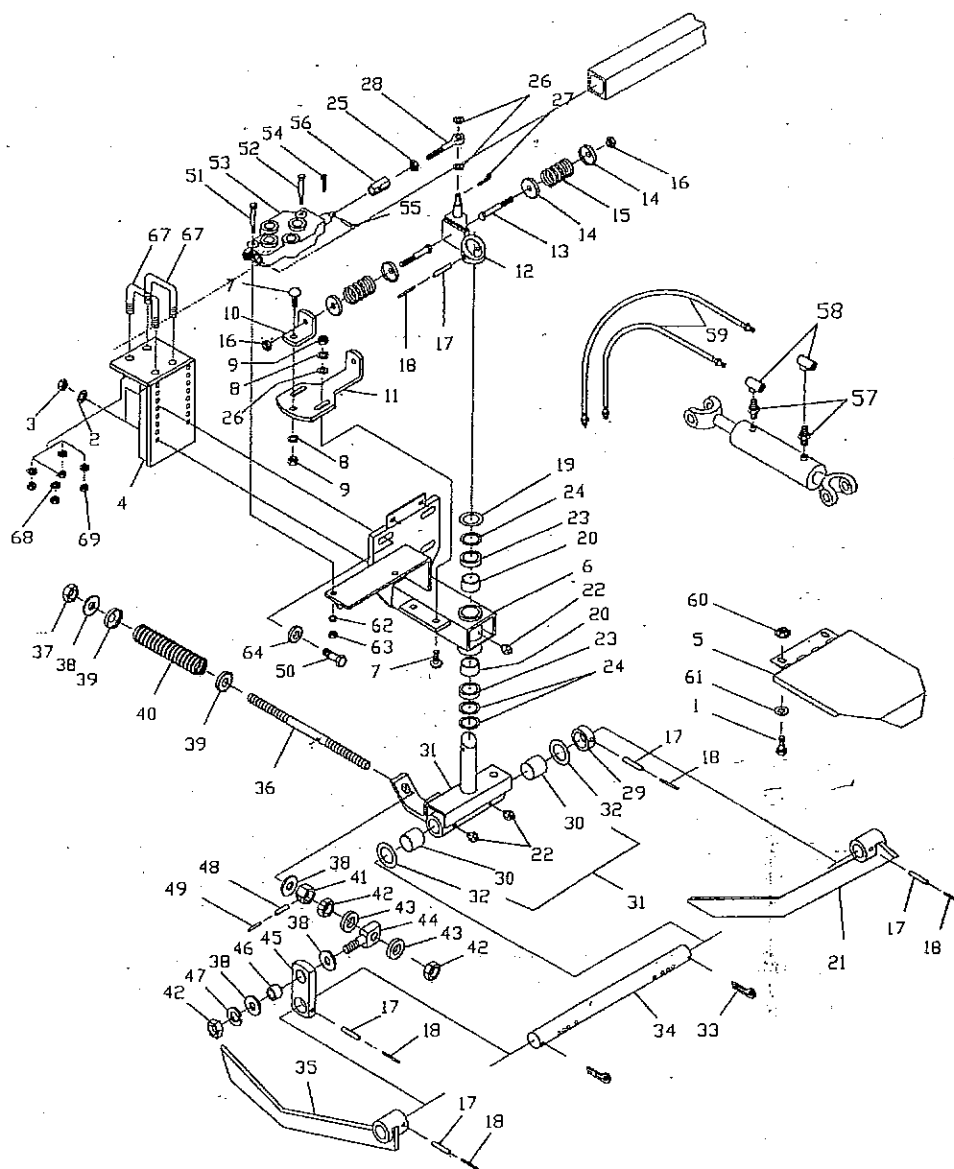
Item	Part Number	Qty.	Description
1	472630P	1	Kit, Seal

E150004
A032 BRKT (2)
031020 BOLT (2)
E552044 Nut (2)





HYDRAULIC ROWFINDER - 448040

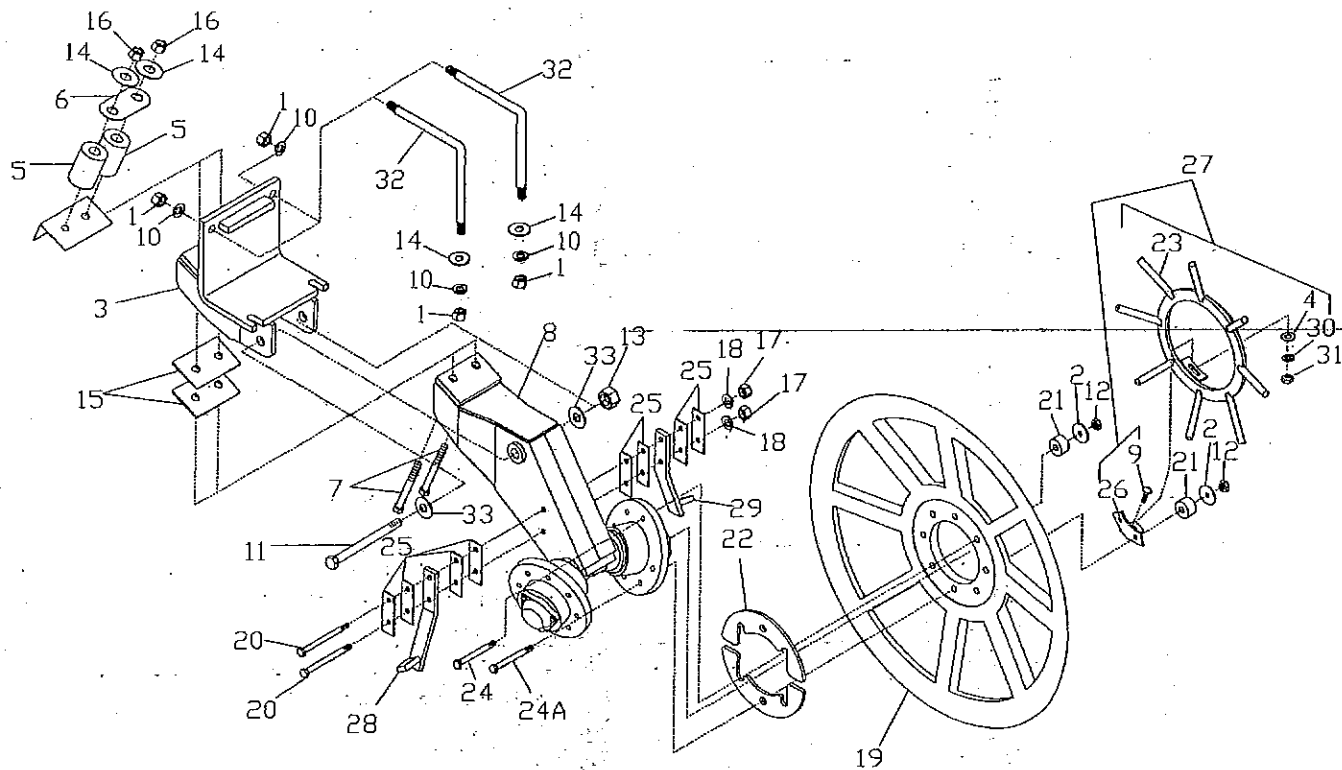


Item	Part Number	Qty.	Description
1	022420	-	Bolt, HHCS 3/8"-16 x 3/4"
2	005370	-	Washer, Lock 1/2"
3	005360	-	Nut, Hex 1/2"-13
4	447160	1	Weldment, Mounting Bracket
5	259620	1	Weldment, Rowfinder Shield
6	259510	1	Weldment, Frame Bracket
7	035180	-	Bolt, Carriage 3/8"-16 x 1-1/4"
8	021180	-	Washer, Lock 3/8" x 11/16" x 3/32"
9	027260	-	Nut, Hex 3/8"-16
10	JN145971	1	Bracket, Angle
11	JN145982	1	Bracket, Adjustment
12	259560	1	Weldment, Centering Arm
13	990820	-	Bolt, HHCS 3/8"-16 x 3"
14	JN73401	-	Washer, Cupped 13/32" x 1-9/16" x 1/4"
15	JCJ21FN	2	Spring, Compression 63/64" x 1-3/8" x 2"
16	073630	-	Nut, Lock 3/8"-16 Hex Nylon
17	E580053	-	Pin, Roll 5/16" x 1-3/4"
18	J34H288	-	Pin, Roll 3/16" x 1-3/4"

HYDRAULIC ROWFINDER - 448040

Item	Part Number	Qty.	Description
19	I22266R1	-	Washer, Flat 1-1/8" x 1-3/4" x 1/32"
20	JJD8813	2	Bearing, Needle 1-1/8" x 3/4" x 1-3/8"
21	JAN142149	1	Assembly, Sensor Left Hand
22	049180	-	Zerk, 1/4"-28 Tapered Thread Lube
23	JAT30144	2	Seal
24	I23041R1	-	Washer, Flat 1-5/32" x 1-1/2" x 16 Gauge
25	I124829	-	Nut, Hex 3/8"-16 Jam
26	I120394	-	Washer, Flat 13/32" x 13/16" x 3/64"
27	023090	-	Pin, Cotter 3/32" x 3/4"
28	JAN71924	1	Bolt, Eye
29	JN145972	1	Bushing, 1-1/4" ID
30	JL1713C	2	Bushing, Shaft 1-1/4" x 1-3/8" Bronze
31	259590	1	Assembly, "T" Shaft
32	I608700R1	-	Washer, Flat 1-9/32" x 2" x 3/64"
33	003950	-	Pin, Cotter 3/16" x 2"
34	JN145977	1	Shaft, Cross
35	JAN142148	1	Assembly, Sensor Right Hand
36	JN147175	1	Stud, Adjusting
37	JK40015	-	Nut, Lock 5/8"-11 Grade 8
38	J24H1373	-	Washer, Flat 21/32" x 1-9/16" x 3/16" NT
39	JN147036	-	Washer, Cupped 21/32" x 1-9/16" x 1/4"
40	J23096	1	Spring, Compression 1" x 1-3/8" x 6"
41	JN147174	1	Stop, Spring Compression
42	I124589	-	Nut, Hex 5/8"-11
43	J24H1367	-	Washer, Flat 21/32" x 1-1/4" x 1/4"
44	JN145970	-	Bolt, Eye 5/8"-11 x 2-19/32"
45	JN145981	1	Bracket, Spring
46	JN145980	-	Spacer
47	020440	-	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
48	1030808	-	Pin, Roll 5/16" x 1-1/4"
49	991100	-	Pin, Expansion 3/16" x 1-1/4"
50	1770500	-	Bolt, HHCS 1/2"-13 x 1-3/4"
51	009800	-	Bolt, HHCS 5/16"-18 x 2-1/2"
52	022910	-	Bolt, HHCS 5/16"-18 x 2-1/4"
53	343250	1	Assembly, Control Valve Open Center
53	JAN71922	-	Plug, Open Center (Not Shown)
53	JAN140006	-	Plug, Closed Center (Not Shown)
53	JAN103932	1	Kit, Rowfinder Valve Seal (140409)
54	J11H230	-	Pin, Cotter 1/16" x 3/8"
55	JN73390	-	Pin, Valve
56	JN73405	1	Clevis, Valve
57	166250	2	Fitting, Hydraulic Nipple 1/2" NPT Hex Steel
58	166290	2	Adapter, Tee
59	259600	2	Hose, Hydraulic 3/8" x 79"
60	020180	-	Nut, Lock 3/8"-16 Hex Flange
61	021190	-	Washer, Flat 7/16" x 1" x 5/64"
62	023620	-	Washer, Lock 5/16"
63	023630	-	Nut, Hex 5/16"-18
64	005200	-	Washer, Flat 9/16" x 1-3/8" x 7/64"
65	403450	2	Hose, Hydraulic 3/8" x 54" 1/2"-14 NPTF Male
66	403470	4	Hose, Hydraulic 3/8" x 54" 3/4"-16 ORB Male
67	246120	2	Bolt, U 3/4"-10 x 1-1/2" x 4-1/2" Threaded
68	036800	4	Washer, Lock 3/4"
69	J14H794	4	Nut, Hex 3/4"-10

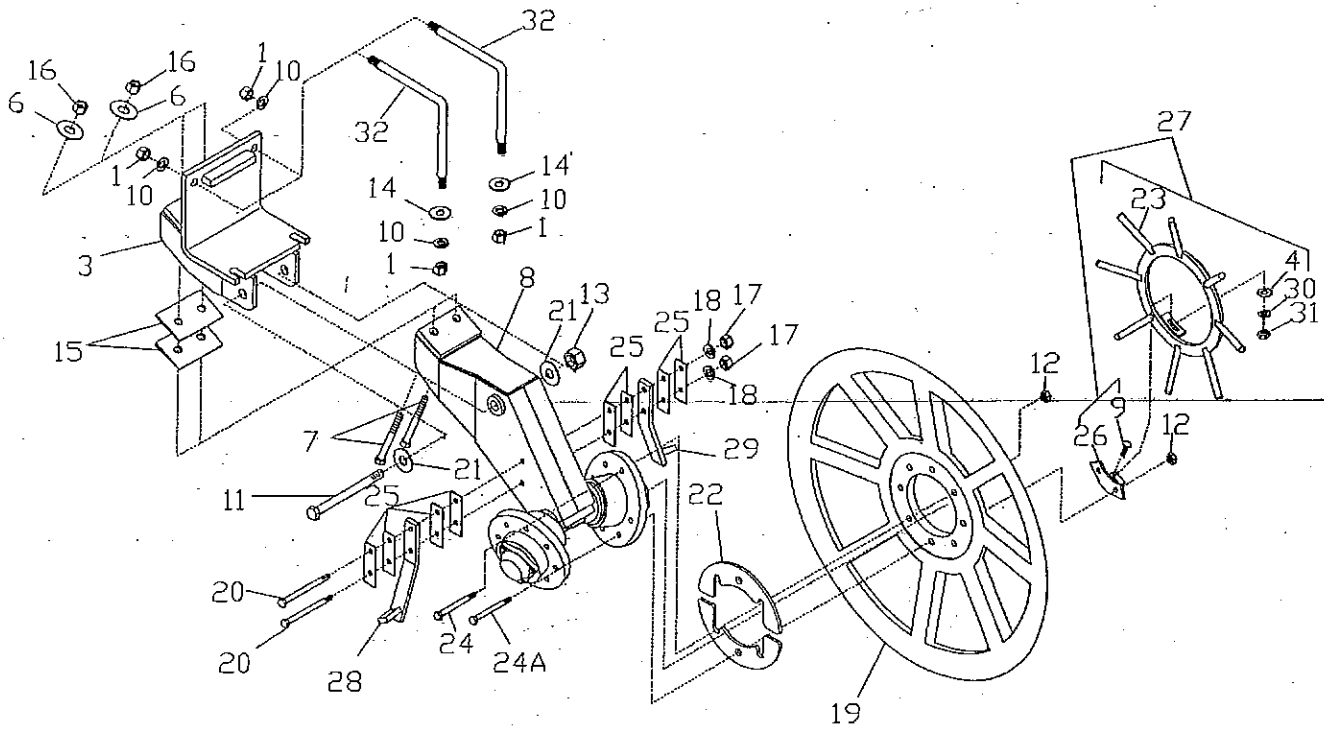
LIFT WHEEL ASSEMBLY, FLEX STRUT - 433100



LIFT WHEEL ASSEMBLY, FLEX STRUT - 433100

Item	Part Number	Qty.	Description
1	J14H794	4	Nut, Hex 3/4"-10
2	I486801R1	12	Washer, Flat 17/32" x 2" x 1/4"
3	431590	1	Weldment, Upper Pivot Flex Strut
4	021190	4	Washer, Flat 7/16" x 1" x 5/64"
5	433140	2	Pad, Flex
6	433150	1	Washer, Double Flat 13/16" x 2-1/2" x 5-1/2" x 3/8"
7	990990	2	Bolt, HHCS 3/4"-10 x 7"
8	433110	1	Assembly, Flexible Pivot Strut
9	035180	4	Bolt, Carriage 3/8"-16 x 1-1/4"
10	036800	4	Washer, Lock 3/4"
11	458530	1	Bolt, HHCS 1"-8 x 9" Grade 8
12	127890	16	Nut, Lock 1/2"-13 Hex
13	1110440	1	Nut, Lock 1"-8 Hex with Nylon Insert
14	J24H1401	4	Washer, Flat 25/32" x 1-3/4" x 3/16"
15	436800	2	Shim, Pivot Flex Strut
16	1100238	2	Nut, Lock 3/4"-10 Hex LT Reg Nylon
17	005360	2	Nut, Hex 1/2"-13
18	005370	2	Washer, Lock 1/2"
19	344430	2	Wheel, Lifter 1.6 Machined
20	E672313	2	Bolt, HHCS 1/2"-13 x 6-1/2"
21	267710	12	Pad, Flex 1"
22	268570	8	Spacer, Beet Wheel
23	463350	2	Close-Up, Lifter Wheel
24	340300	12	Bolt, HHCS 1/2"-13 x 4-1/4"
24	030420	4	Bolt, HHCS 1/2"-13 x 4-1/2"
25	437300	8	Shim, Spacer 1-1/2" x 4-1/2"
26	463370	4	Bracket, Mounting Close-Up Flex
27	463340	1	Kit, Close-Up Flex Strut
28	437280	1	Weldment, Scraper Left Hand
29	437290	1	Weldment, Scraper Right Hand
30	021180	4	Washer, Lock 3/8" x 11/16" x 3/32"
31	027260	4	Nut, Hex 3/8"-16
32	403860	2	Bolt, L 3/4" x 6-7/8" x 8-3/4"
33	990720	2	Washer, Flat 1"
34	458950	1	Shield, Pivot Strut

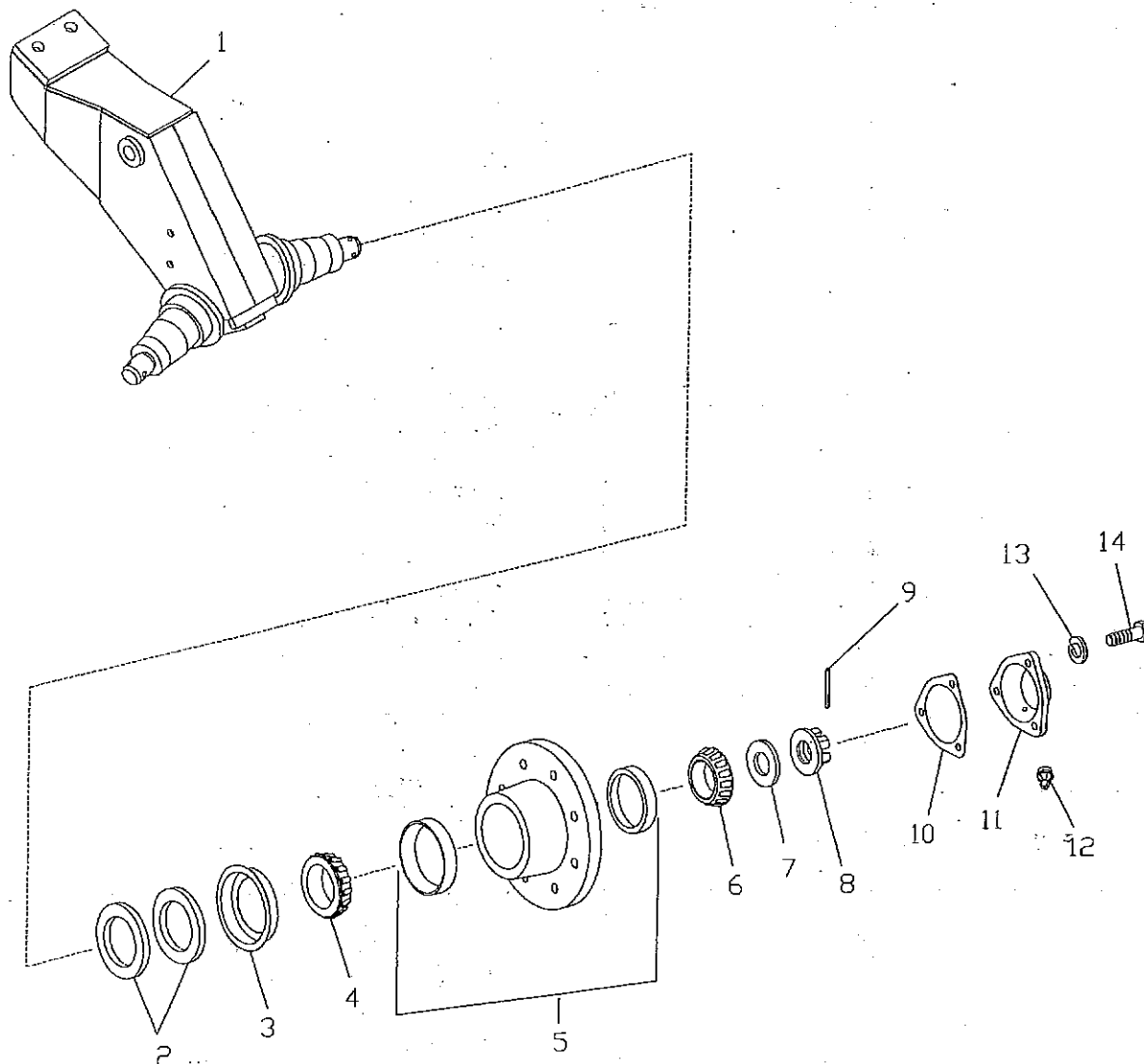
LIFT WHEEL ASSEMBLY, FIXED STRUT - 438720



LIFT WHEEL ASSEMBLY, FIXED STRUT - 438720

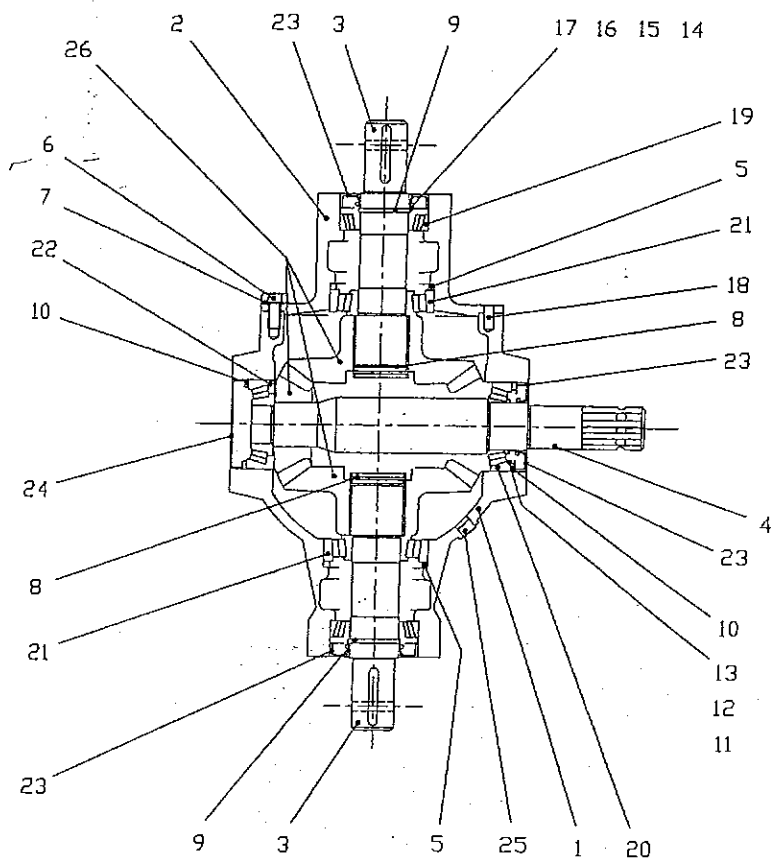
Item	Part Number	Qty.	Description
1	J14H794	4	Nut, Hex 3/4"-10
2	-	-	-
3	431590	1	Weldment, Upper Pivot Flex Strut
4	021190	4	Washer, Flat 7/16" x 1" x 5/64"
5	-	-	-
6	I131017	2	Washer, Flat 13/16" x 1-29/64" x 7/64"
7	990570	2	Bolt, HHCS 3/4"-10 x 3"
8	433110	1	Assembly, Flexible Pivot Strut
9	035180	4	Bolt, Carriage 3/8"-16 x 1-1/4"
10	036800	4	Washer, Lock 3/4"
11	458530	1	Bolt, HHCS 1"-8 x 9" Grade 8
12	127890	16	Nut, Lock 1/2"-13 Hex
13	1110440	1	Nut, Lock 1"-8 Hex with Nylon Insert
14	J24H1401	2	Washer, Flat 25/32" x 1-3/4" x 3/16"
15	436800	2	Shim, Pivot Flex Strut
16	1100238	2	Nut, Lock 3/4"-10 Hex LT Reg Nylon
17	005360	2	Nut, Hex 1/2"-13
18	005370	2	Washer, Lock 1/2"
19	344430	2	Wheel, Lifter 1.6 Machined
20	E672313	2	Bolt, HHCS 1/2"-13 x 6-1/2"
21	990720	2	Washer, Flat 1"
22	268570	8	Spacer, Beet Wheel
23	463350	2	Close-Up, Lifter Wheel
24	031580	16	Bolt, HHCS 1/2"-13 x 2-3/4"
24	990840	8	Bolt, HHCS 1/2"-13 x 3"
25	437300	8	Shim, Spacer 1-1/2" x 4-1/2"
26	463370	4	Bracket, Mounting Close-Up Flex
27	463340	1	Kit, Close-Up Flex Strut
28	437280	1	Weldment, Scraper Left Hand
29	437290	1	Weldment, Scraper Right Hand
30	021180	4	Washer, Lock 3/8" x 11/16" x 3/32"
31	027260	4	Nut, Hex 3/8"-16
32	403860	2	Bolt, L 3/4" x 6-7/8" x 8-3/4"

STRUT ASSEMBLY, PIVOT FLEX - 433110



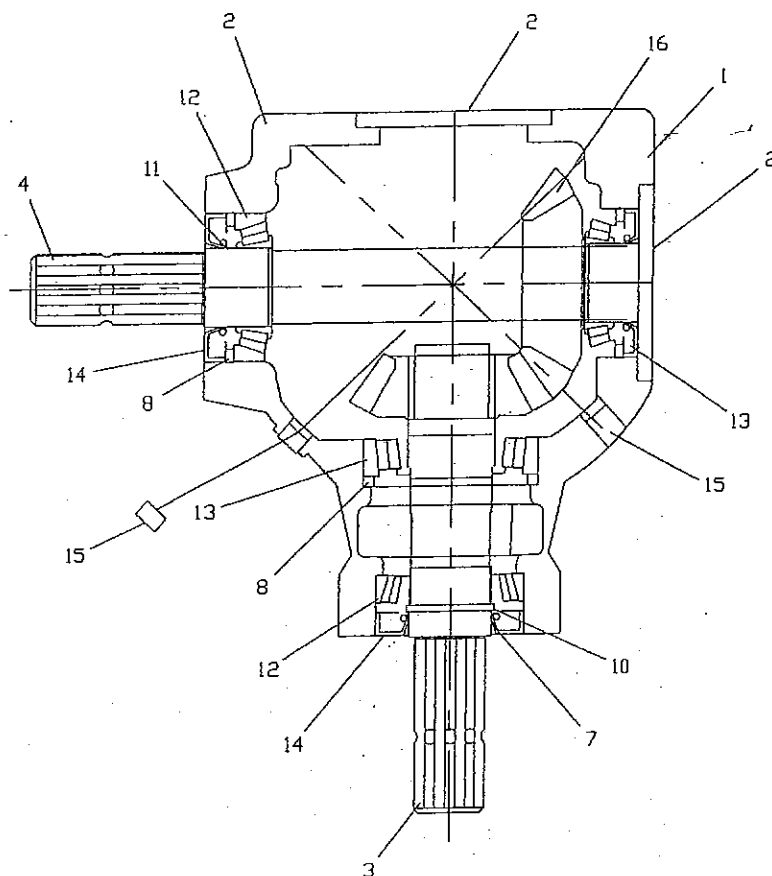
Item	Part Number	Qty.	Description
1	458860	1	Weldment, Pivot Flex Strut
2	263170	4	Washer, Felt 2-3/4" x 3-15/16" x 3/8"
3	263160	2	Retainer, Felt
4	261640	2	Bearing, Cone TM#28985 2-3/8" ID
5	267430	2	Assembly, Strut Hub with Caps
6	184960	2	Bearing, Cone TM#368 2" ID
7	E829036	2	Washer, 1-5/16" x 2-1/2" x 5/32"
8	340320	2	Nut, Hex 1-1/4"-12 Slotted Flange Grade 8
9	013600	2	Pin, Roll 1/4" x 2"
10	JN70509	2	Gasket, Hub
11	JN72550	2	Cap, Lifter Wheel Hub
12	JJD7798	2	Fitting, Special Taper Dr. 1/8"-27 Threaded
13	021180	6	Washer, Lock 3/8" x 11/16" x 3/32"
14	012260	6	Bolt, HHCS 3/8"-16 x 1"
15	962350	1.4	Grease, Special - lbs (Mobel)

GEARBOX, MAIN 1.93:1, 2150 - 286580



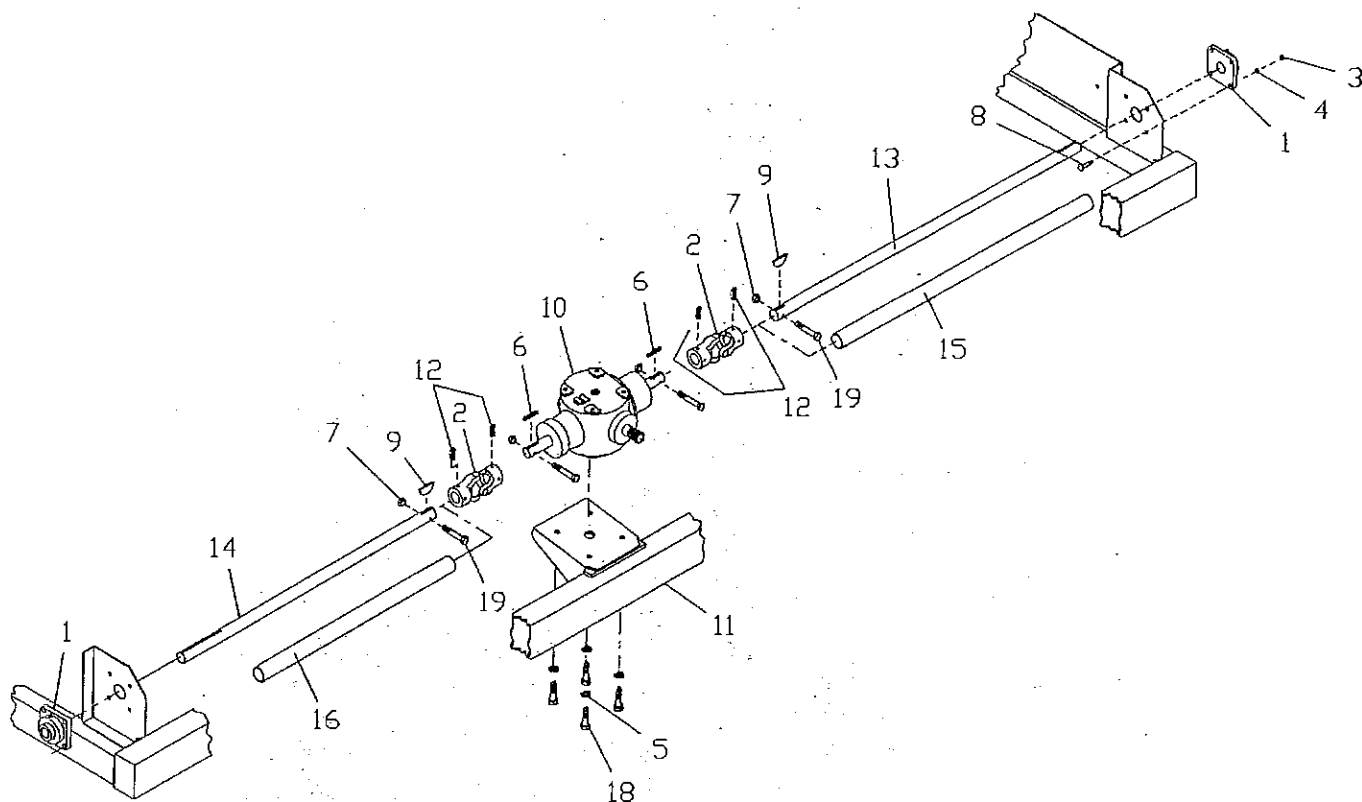
Item	Part Number	Qty.	Description
1	-	1	Housing, S2150
2	364490	1	Cap, Housing End S2150
3	377890	1	Shaft, S2150-21
4	377900	2	Shaft, S2150 1-3/4" Dia.
5	377910	2	Spacer, 96 mm x 110 mm x 4-3/4 mm
6	-	8	Bolt, HHCS 3/8"-16 UNC
7	-	8	Washer, Lock 3/8"
8	377920	2	Ring, Snap External E60 DIN471
9	364510	2	Ring, Snap External E50 DIN471
10	364520	2	Ring, Snap Internal I90 DIN472
11	365410	1	Spacers, Bag Assorted 50.2 mm x 59.8 mm x .03 mm S2150
12	365410	1	Spacers, Bag Assorted 50.2 mm x 59.8 mm x .03 mm S2150
13	365410	1	Spacers, Bag Assorted 50.2 mm x 59.8 mm x .03 mm S2150
14	365410	1	Spacers, Bag Assorted 50.2 mm x 59.8 mm x .03 mm S2150
15	365410	1	Spacers, Bag Assorted 50.2 mm x 59.8 mm x .03 mm S2150
16	365410	1	Spacers, Bag Assorted 50.2 mm x 59.8 mm x .03 mm S2150
17	365410	1	Spacers, Bag Assorted 50.2 mm x 59.8 mm x .03 mm S2150
18	-	2	Pin, Deep Well
19	364530	2	Bearing, TR#30210 50 mm x 90 mm x 21.75 mm
20	364550	2	Bearing, TR#30310 50 mm x 110 mm x 29.25 mm
21	377940	2	Bearing, TR#30308 40 mm x 90 mm x 25.25 mm
22	364560	2	Seal, Double Lip Oil, 50 mm x 90 mm x 10 mm
23	377950	1	Seal, Double Lip Oil, 40 mm x 90 mm x 10 mm
24	377960	1	Cap, Oil Seal 90 mm x 10 mm
25	365490	3	Plug, Pipe 3/8" NPTF (P96969)
26	377970	1	Gear, Set R=.52

GEARBOX, SIDE - 431200



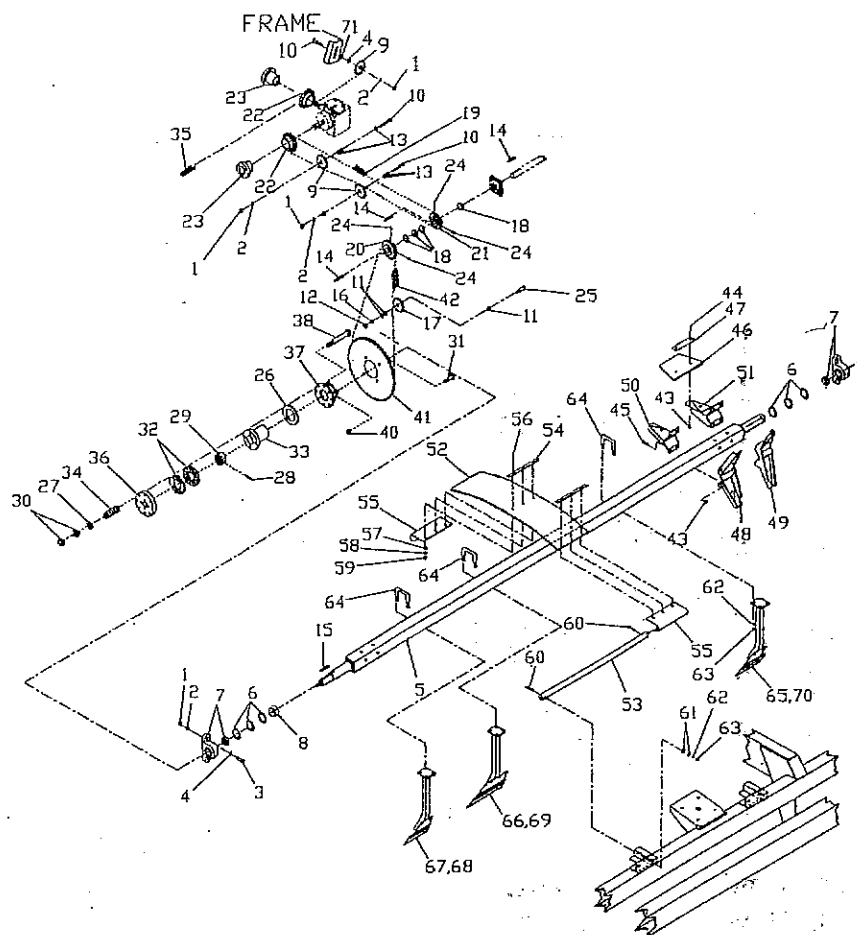
Item	Part Number	Qty.	Description
1	364790	1	Housing, S2030
2	-	1	End Cap, Housing S2030
3	-	2	Shaft, S2030
4	-	1	Shaft, S2030
5	-	4	Bolt, UNC 3/8"-16
6	-	4	Washer, Lock 3/8"
7	364820	2	Ring, External Snap E35 DIN471
8	364830	6	Ring, Internal Snap I72 DIN472
9	364730	2	Ring, External Snap E40 DIN471
10	365470	-	Spacers, Bag Assorted S2030
11	365480	-	Spacer, Bag Assorted (365470)
12	364840	3	Bearing, Ball 6207 35mm x 72mm x 17mm
13	364850	3	Bearing, TR#30207 35 mm x 72 mm x 18.25 mm
14	364860	4	Seal, Double Lip Oil 35 mm x 72 mm x 10 mm
15	365490	4	Plug, Pipe 3/8"-18 NPTF (P96969)
16	364870	1	Gear, Set R=1.00 Set of 3 1:1

FRONT GEARBOX & SHAFT - 4405010



Item	Part Number	Qty.	Description
1	E072489	2	Bearing, Flange 1-3/4" 4 Bolt
2	E823023	2	Joint, Universal 35N 1-3/4" x 1-3/4"
3	005360	8	Nut, Hex 1/2"-13
4	005370	8	Washer, Lock 1/2"
5	020440	4	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
6	021530	2	Key, Square 3/8" x 2"
7	073630	4	Nut, Lock 3/8"-16 Hex Nylon
8	156850	8	Bolt, Carriage 1/2"-13, x 1-1/2"
9	231950	2	Key, Woodruff 3/8" x 2-3/4"
10	286580	1	Gearbox, Main 1.93:1
11	431930	1	Weldment, Main Frame 697
12	120970	4	Screw, HSSS 3/8"-16 x 1/2" KnCup
13	433190	1	Shaft, Drive 1-3/4" x 67" Left Hand
14	433200	1	Shaft, Drive 1-3/4" x 62" Right Hand
15	404930	1	Shield, Spin 2-25/64" OD x 50-1/2"
16	442640	1	Shield, Spin 45-11/16"L
17	963130	1.25	Oil, 90w Gear SAE
18	990600	4	Bolt, HHCS 5/8"-11 x 1-1/4"
19	991150	4	Bolt, HHCS 3/8"-16 x 4"

PADDLE SHAFT, BARRIERS & COVERS - 449280



Item	Part Number	Qty.	Description
1	I124589	6	Nut, Hex 5/8"-11
2	020440	6	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
3	023110	4	Bolt, HHCS 5/8"-11 x 2-1/2"
4	035210	6	Washer, Flat 21/32" x 1-5/16" x 3/32"
5	426780	1	Weldment, Paddle Drive Shaft 9420
6	396120	14	Bushing, Machined 2-1/32" x 3" x 10 Gauge
7	E072358	2	Bearing, Pillow Block 2" Cast Housing with Lock Collar
8	236400	1	Spacer, Black Pipe 2" x 1-1/8" Long
9	E366013	3	Sprocket, Idler 60B13 with 5/8" Bearing
10	J03H1858	3	Bolt, Carriage 5/8"-11 x 3-1/2"
11	I131017	3	Washer, Flat 13/16" x 1-29/64" x 7/64"
12	J14H794	1	Nut, Hex 3/4"-10
13	020430	16	Washer, Flat 11/16" x 1-3/4" x 9/64"
14	013510	2	Key, Square 3/8" x 1-1/4"
15	030380	1	Key, Square 3/8" x 3"
16	036800	1	Washer, Lock 3/4"
17	240550	1	Sprocket, Idler 80-12 Teeth with Washer
18	446490	15	Bushing, Machined 2-1/2" OD x 1-3/4" ID x 9/64"
19	265820	1	Chain, #60H Roller x 134 Pitches
20	460740	1	Sprocket, 80B20 1-3/4" Bore - 3/8" Keyway
21	433180	1	Sprocket, 60B21 1-3/4" Bore
22	E740265	2	Sprocket, 60Q20
23	235110	2	Bushing, Split Taper Q1 1-3/8" 6B
24	120970	4	Screw, HSSS 3/8"-16 x 1/2"-KnCup

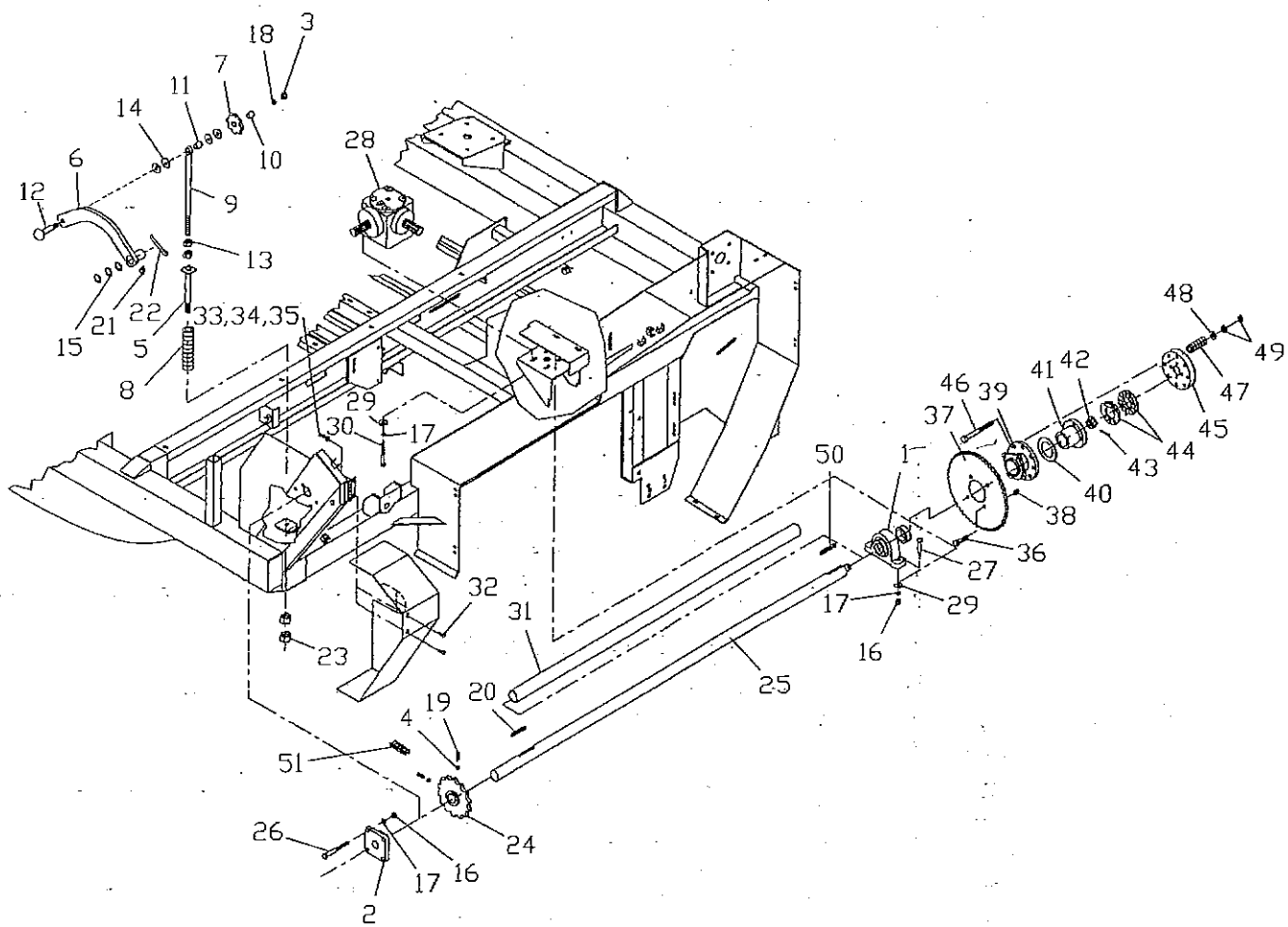
PADDLE SHAFT, BARRIERS & COVERS - 449280

Item	Part Number	Qty.	Description
25	990860	1	Bolt, HHCS 3/4" x 2-3/4"
26	E126201	1	Bushing, Machined 2-1/2" x 3-7/8" x 9/64"
27	I25547R1	6	Washer, Flat 21/32" x 1-5/16" x 3/16" PHC
28	040900	1	Pin, Roll 3/16" x 1-5/8"
29	042110	1	Nut, Hex 1"-14 Slotted
30	1121555	12	Nut, Hex 5/8"-11 Jam
31	1770500	4	Bolt, HHCS 1/2"-13 x 1-3/4"
32	225040	2	Jaw, Clutch Hardened Slip
33	238430	1	Weldment, Slip Clutch Hub
34	239080	6	Spring, Compression Slip Clutch
35	433160	1	Chain, #60H Roller x 87 Pitches
36	411260	1	Flange, Spring Clutch
37	411410	1	Assembly, Clutch Housing
38	201660	6	Bolt, HHCS 5/8"-11 x 6"
39	-	-	-
40	I9413967	4	Nut, Lock 1/2"-13 Hex CAD 2-way Plated
41	432690	1	Sprocket, Plate #80 Roller Chain 60 Teeth
42	462400	1	Chain, Roller #80H x 96 Pitches

Paddle Assemblies

Item	Part Number	4Row Qty.	6 Row Qty.	Description
43	I9413967	56	84	Nut, Lock 1/2"-13 Hex CAD 2-way Plated
44	014770	24	36	Bolt, HHCS 1/2"-13 x 1-1/2"
45	023950	32	48	Bolt, HHCS 1/2"-13 x 2"
46	434560	12	18	Paddle, Rubber
47	437260	12	18	Strap, Paddle 1/8" x 2" x 7-3/4"
48	354220	4	6	Weldment, Double Paddle Right Hand
49	354230	4	6	Weldment, Double Paddle Left Hand
50	354240	4	6	Weldment, Single Paddle Right Hand
51	354250	4	6	Weldment, Single Paddle Left Hand
52	443050	4	6	Cover, Rubber
53	443110	3	3	Tube, Flap Cover
54	443060	8	12	Strap, Cover Holder
55	433910	8	12	Holder, Cover Front
56	030030	24	36	Bolt, HHCS 5/16"-18 x 1-1/4"
57	022920	24	36	Washer, Flat 5/16" x 7/8" x 5/64"
58	023620	24	36	Washer, Lock 5/16"
59	023630	24	36	Nut, Hex 5/16"-18
60	1070015	6	6	Bolt, HHCS 1/2"-13 x 6-1/2"
61	005200	12	12	Washer, Flat 9/16" x 1-3/8" x 7/64"
62	005370	26	34	Washer, Lock 1/2"
63	005360	26	34	Nut, Hex 1/2"-13
64	290890	10	14	Bolt, U 1/2"-13 x 2-1/16" x 3"
65	446280	-	1	Assembly, Barrier 6 Row Left
66	446320	-	5	Assembly, Barrier 6 Row Center
67	446360	-	1	Assembly, Barrier 6 Row Right
68	446290	1	-	Assembly, Barrier 4 Row Right
69	446330	3	-	Assembly, Barrier 4 Row Center
70	446300	1	-	Assembly, Barrier 4 Row Left
71	459300	1	1	Washer, Flat Square

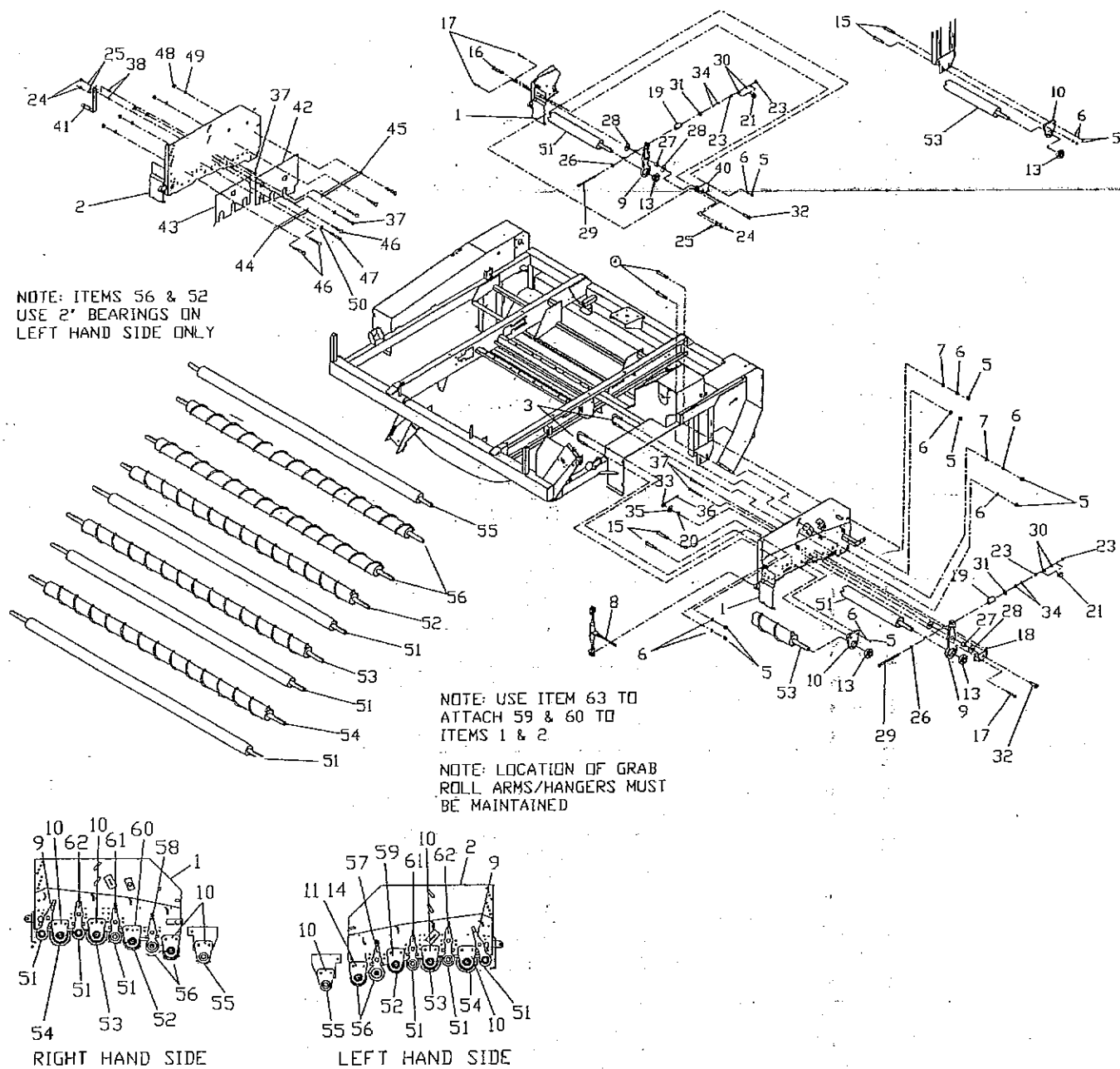
FERRIS WHEEL DRIVE - 44051020



FERRIS WHEEL DRIVE - 44051020

Item	Part Number	Qty.	Description
1	238420	1	Bearing, Pillow Block 1-3/4"
2	E072489	1	Bearing, Flange 1-3/4" 4 Bolt
3	I124589	1	Nut, Hex 5/8"-11
4	I124829	2	Nut, Hex 3/8"-16 Jam
5	JAN142300	1	Assembly, Spring Adjustment Tube
6	460290	1	Weldment, Pivot Arm
7	JAN142341	1	Sprocket Assembly, 8 Teeth CA550
8	JN109877	1	Spring, Compression 1-1/8" x 1-27/32" x 23/64" x 7-51/64"
9	JN146355	1	Bolt, Eye 3/4"-10 x 14-1/2"
10	JN147291	1	Bushing, 7/8" x 21/32" x 5/8"
11	JN7205DN	1	Spacer
12	J03H1858	1	Bolt, Carriage 5/8"-11 x 3-1/2"
13	J14H794	2	Nut, Hex 3/4"-10
14	J24H1373	4	Washer, Flat 21/32" x 1-9/16" x 3/16" NT
15	003370	6	Washer, Flat 1-1/32" x 1-1/2" x 3/64"
16	005360	6	Nut, Hex 1/2"-13
17	005370	10	Washer, Lock 1/2"
18	020440	1	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
19	022520	2	Screw, SSHS 3/8"-16 x 1" Cup PT BLO
20	030380	1	Key, Square 3/8" x 3"
21	049180	1	Zerk, 1/4"-28 Tapered Thread
22	124340	1	Pin, Cotter 3/16" x 1-1/2"
23	1774107	2	Nut, Hex 1"-14
24	265780	1	Sprocket Assembly, CA550 14 Tooth
25	442660	1	Shaft, Ferris Wheel Drive 75-5/8"
26	1770608	4	Bolt, HHCS 1/2"-13 x 3-1/2"
27	991200	2	Bolt, Carriage 1/2"-13 x 2"
28	431200	1	Gearbox, 2030 1:1
29	005200	6	Washer, Flat 9/16" x 1-3/8" x 7/64"
30	442670	4	Bolt, HHCS 12 mm x 40 mm
31	442650	1	Shield, Spin 59-1/4"L
32	170530	2	Bolt, Carriage 3/8"-16 x 1"
33	021190	2	Washer, Flat 7/16" x 1" x 5/64"
34	021180	2	Washer, Lock 3/8" x 11/16" x 3/32"
35	027260	2	Nut, Hex 3/8"-16
36	1770500	4	Bolt, HHCS 1/2"-13 x 1-3/4"
37	265830	1	Sprocket, #60 Roller Chain 60A52
38	I9413967	4	Nut, Lock 1/2"-13 Hex CAD 2-way Plated
39	411410	1	Assembly, Clutch Housing
40	E126201	1	Bushing, Machined 2-1/2" x 3-7/8" x 9/64"
41	238430	1	Weldment, Slip Clutch Hub
42	042110	1	Nut, Hex 1"-14 Slotted
43	040900	1	Pin, Roll 3/16" x 1-5/8"
44	225040	2	Jaw, Clutch Hardened Slip
45	411260	1	Flange, Spring Clutch
46	201660	4	Bolt, HHCS 5/8"-11 x 6"
47	239080	4	Spring, Compression Slip Clutch
48	I25547R1	4	Washer, Flat 21/32" x 1-5/16" x 3/16" PHC
49	1121555	8	Nut, Hex 5/8"-11 Jam
50	030380	1	Key, Square 3/8" x 3"
51	433700	1	Assembly, Wheel Drive Chain

GRAB ROLL ASSEMBLY, GRAB ROLL PANELS - 44051060

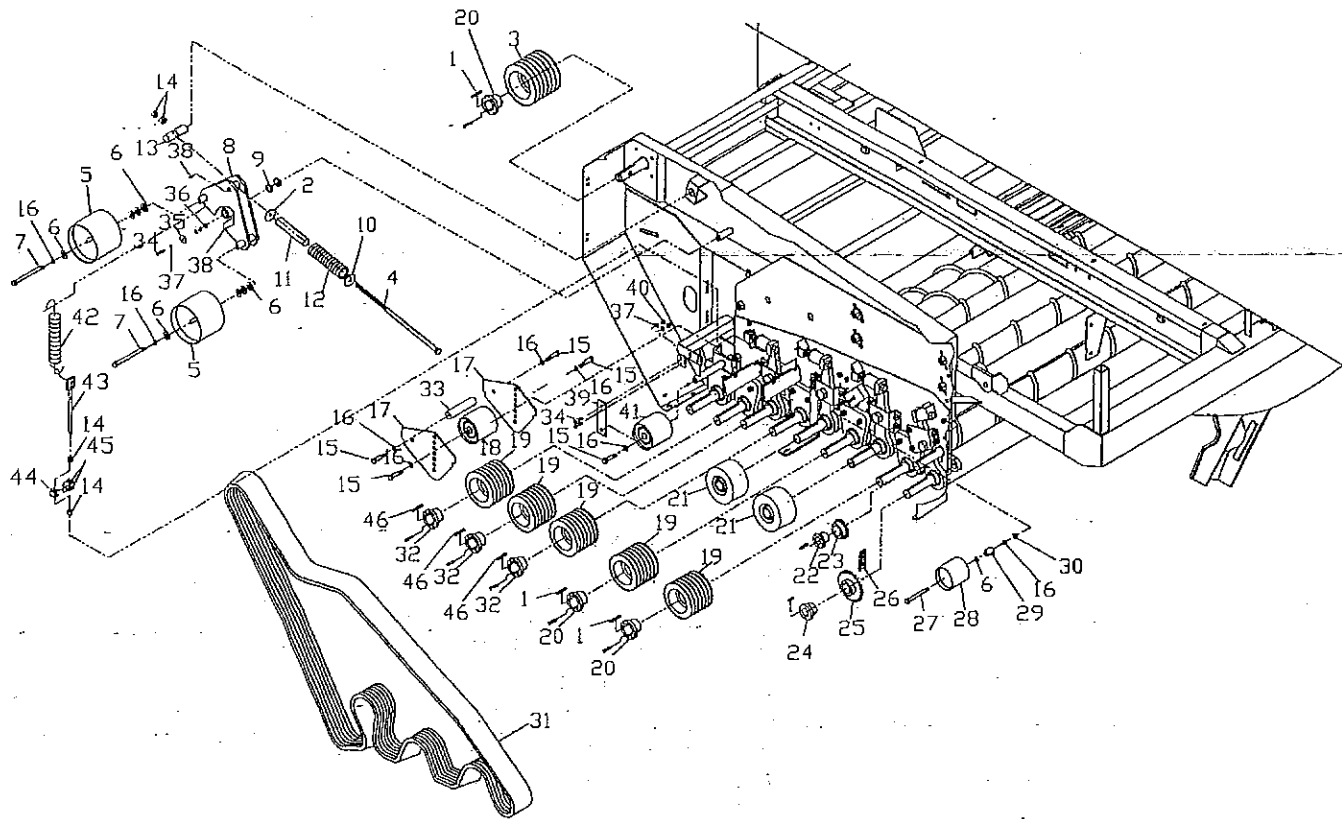


Item	Part Number	Qty.	Description
1	441610	1	Weldment, Grab Rolls Panel Right Hand
2	441560	1	Weldment, Grab Rolls Panel Left Hand
3	442680	4	Bolt, U 3/4"-10 x 5" x 4-1/2"
4	1769804	4	Bolt, HHCS 3/4"-10 x 1-3/4"
5	J14H794	32	Nut, Hex 3/4"-10
6	036800	32	Washer, Lock 3/4"
7	990710	10	Washer, Flat 13/16" x 2" x 9/64"
8	R39520	2	Jack, Ratchet with ACME Threads
9	264710	2	Assembly, Grab Roll Drive Arm 1-3/4" Bearing
10	432680	7	Plate, Fixed Bearing 1-3/4"
11	440310	1	Plate, Fixed Bearing 2"

GRAB ROLL ASSEMBLY, GRAB ROLL PANELS - 44051060

Item	Part Number	Qty.	Description
12			
13	236490	15	Bearing, 1-3/4" with Collar
14	E072431	3	Bearing, Insert 2" with Collar
15	990560	14	Bolt, HHCS 3/4"-10 x 2-1/2"
16	990570	2	Bolt, HHCS 3/4"-10 x 3"
17	014770	24	Bolt, HHCS 1/2"-13 x 1-1/2"
18	264770	6	Bracket, Grab Roll Arm
19	264800	8	Pad, Flex 1-3/4" OD x 3/4" ID x 3"
20	344250	8	Bushing, Steel 1" x 1-1/4" x 1/2"
21	344310	8	Clip, Retainer Drive
22	962090	10	Loctite, 12 oz. Can
23	I124589	16	Nut, Hex 5/8"-11
24	005360	28	Nut, Hex 1/2"-13
25	005370	28	Washer, Lock 1/2"
26	035210	8	Washer, Flat 21/32" x 1-5/16" x 3/32"
27	264730	8	Bushing, Grab Roll Drive
28	264740	16	Washer, Hardened 1-1/16" x 3" x 11 Gauge
29	264760	8	Bolt, HHCS 5/8"-11 x 8-1/2"
30	264780	16	Washer, Oval 5/16" x 1-1/4" x 1-1/2"
31	340310	8	Washer, Flat 21/32" x 2" x 1/4"
32	344270	8	Bolt, HHCS 1"-14 x 3-1/2" Grade 8
33	344280	8	Nut, Hex 1"-14 Slotted Grade 8
34	344630	16	Nut, Hex 5/8"-11 Jam Grade 8
35	990720	8	Washer, Flat 1-1/16" x 2-1/2" x 5/32"
36	003950	8	Pin, Cotter 3/16" x 2"
37	990840	2	Bolt, HHCS 1/2"-13 x 3"
38	272080	2	Tube, Lower Hinge
39	441310	1	Bracket, Rear Left Hand
40	441320	1	Bracket, Rear Right Hand
41	463670	1	Bracket, Guard Support
42	441470	2	Flap, Rubber Front
43	441480	2	Flap, Rubber Rear
44	435420	2	Strip, Backer 1-1/2" x 21"
45	435430	2	Strip, Backer 1-1/2" x 26"
46	012420	12	Bolt, Carriage 3/8"-16 x 1-1/2" Grade 2
47	006690	4	Bolt, HHCS 3/8"-16 x 1-1/4"
48	027260	16	Nut, Hex 3/8"-16
49	021180	16	Washer, Lock 3/8" x 11/16" x 3/32"
50	021190	4	Washer, Flat 7/16" x 1" x 5/64"
51	432200	3	Grab Roll, Smooth
52	458900	1	Roll, Spiral Conveying #3
53	432180	1	Weldment, Grab Roll Spiral #5
54	432190	1	Weldment, Grab Roll Spiral #7
55	442390	1	Weldment, Smooth Roll
56	446020	2	Roll, Spiral Conveying #1 and #2
57	459080	1	Weldment, Grab Roll Drive Arm 2"
58	459050	1	Weldment, Grab Roll Drive Arm 1-3/4"
59	460000	1	Plate, Fixed Bearing 2"
60	459990	1	Plate, Fixed Bearing 1-3/4"
61	459060	2	Weldment, Grab Roll Drive Arm
62	459070	2	Weldment, Grab Roll Drive Arm
63	460930	4	Bolt, Btnn HD Socket 3/4"-10 x 2-1/2"

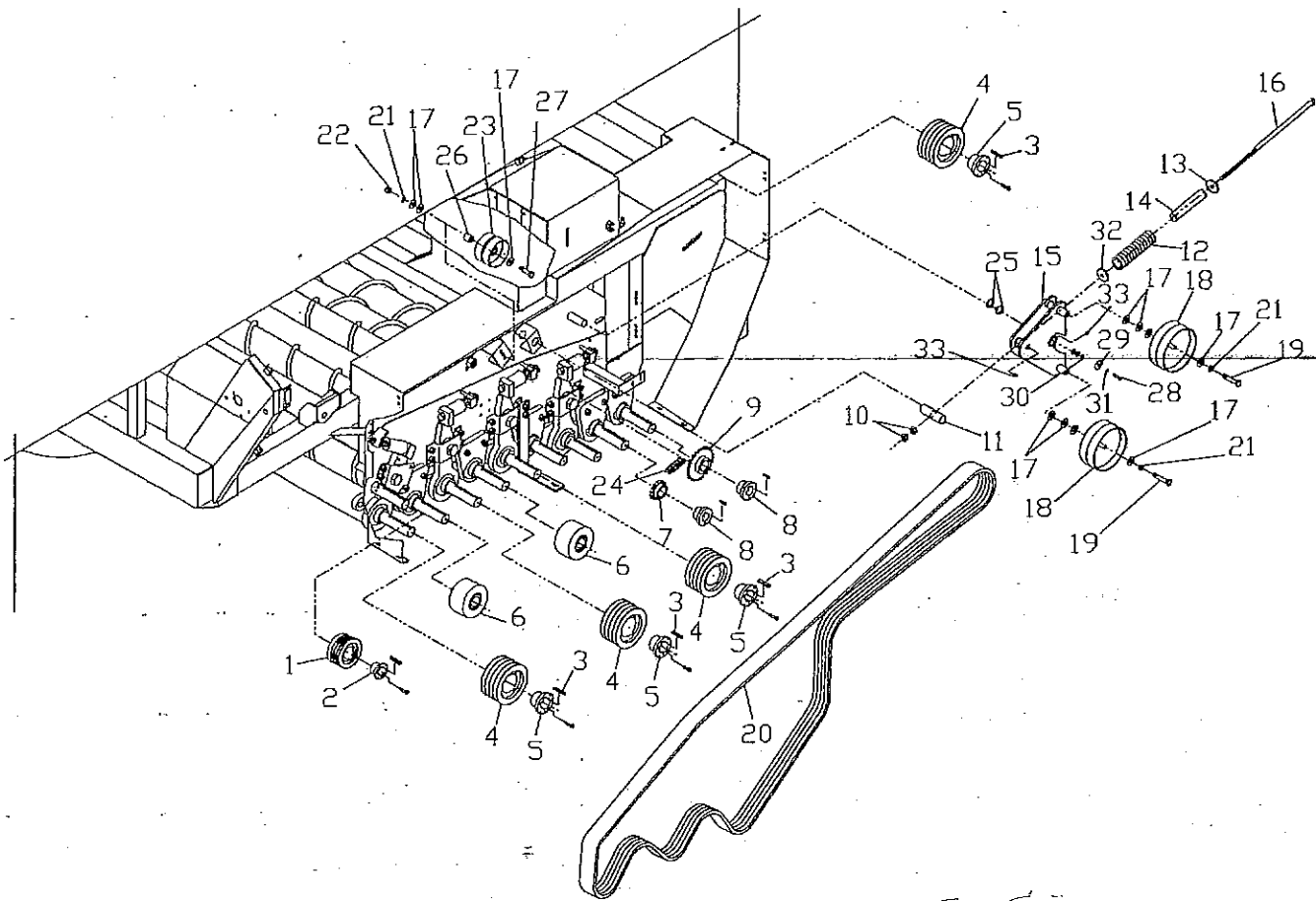
GRAB ROLL DRIVE, LEFT HAND SIDE - 4405108L



GRAB ROLL DRIVE, LEFT HAND SIDE - 4405108L

Item	Part Number	Qty.	Description
1	021530	4	Key, Square 3/8" x 2"
2	268560	1	Washer, Flat 17/32" x 1-3/4" x 1/4"
3	442190	1	Sheave, 6B 6-61/64" OD SK Bushing
4	231060	1	Weldment, Take-Up Rod 19"
5	440210	2	Sheave Weldment, Idler 8-1/4" OD x 5-1/4"
6	035210	14	Washer, Flat 21/32" x 1-5/16" x 3/32"
7	I271729	2	Bolt, HHCS 5/8"-11 x 3-1/2"
8	434490	1	Weldment, Idler Pivot Left Hand
9	020880	4	Washer, Flat 1-1/4" x 1-3/4" x 9/64"
10	I486801R1	1	Washer, Flat 17/32" x 2" x 1/4"
11	239040	1	Spacer, Spring Length
12	231000	1	Spring, Compression 1-5/8" x 7-1/4"
13	422110	1	Shaft, Lower Pivot
14	005360	4	Nut, Hex 1/2"-13
15	990600	5	Bolt, HHCS 5/8"-11 x 1-1/4"
16	020440	8	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
17	456510	2	Plate
18	446560	1	Sheave Assembly, Idler
19	442180	5	Sheave, 6B 5-61/64" OD SK Bushing
20	R37960	3	Bushing, QD SK 1-3/4" Bore x 3/8"
21	442280	2	Assembly, Sheave Flat 1-3/4" Bearing x 4-3/4"
22	E126008	1	Bushing, Split Taper 1-7/16" Bore (P1)
23	E740215	1	Sprocket, 60P15
24	287630	1	Bushing, P1 1-3/4" Bore Split Taper
25	E740218	1	Sprocket, 60P18
26	442560	1	Chain, #60 Roller x 33 Pitches
27	031490	1	Bolt, HHCS 5/8"-11 x 5"
28	346830	1	Sheave, Idler Flat 5-7/32" OD x 5"
29	433990	1	Spacer, Stop
30	I124589	1	Nut, Hex 5/8"-11
31	456440	1	Belt, Banded 6B240
32	346340	3	Bushing, QD SK 2" Bore
33	447080	1	Pin, Idler 1-1/4" x 5-1/2"
34	012260	3	Bolt, HHCS 3/8"-16 x 1"
35	012270	1	Washer, Flat 13/32" x 1-3/4" x 9/64"
36	021190	3	Washer, Flat 7/16" x 1" x 5/64"
37	021180	3	Washer, Lock 3/8" x 11/16" x 3/32"
38	115590	2	Zerk, 1/4"-28 Taper Self-Tapping Straight
39	462100	1	Strap, Idler Brace
40	027260	2	Nut, Hex 3/8"-16
41	463300	1	Assembly, Idler Sheave
42	394890	1	Spring
43	456920	1	Weldment, Eyebolt
44	344310	1	Clip
45	264780	2	Washer, Oval
46	E388049	3	Key, Square 1/2" x 3"

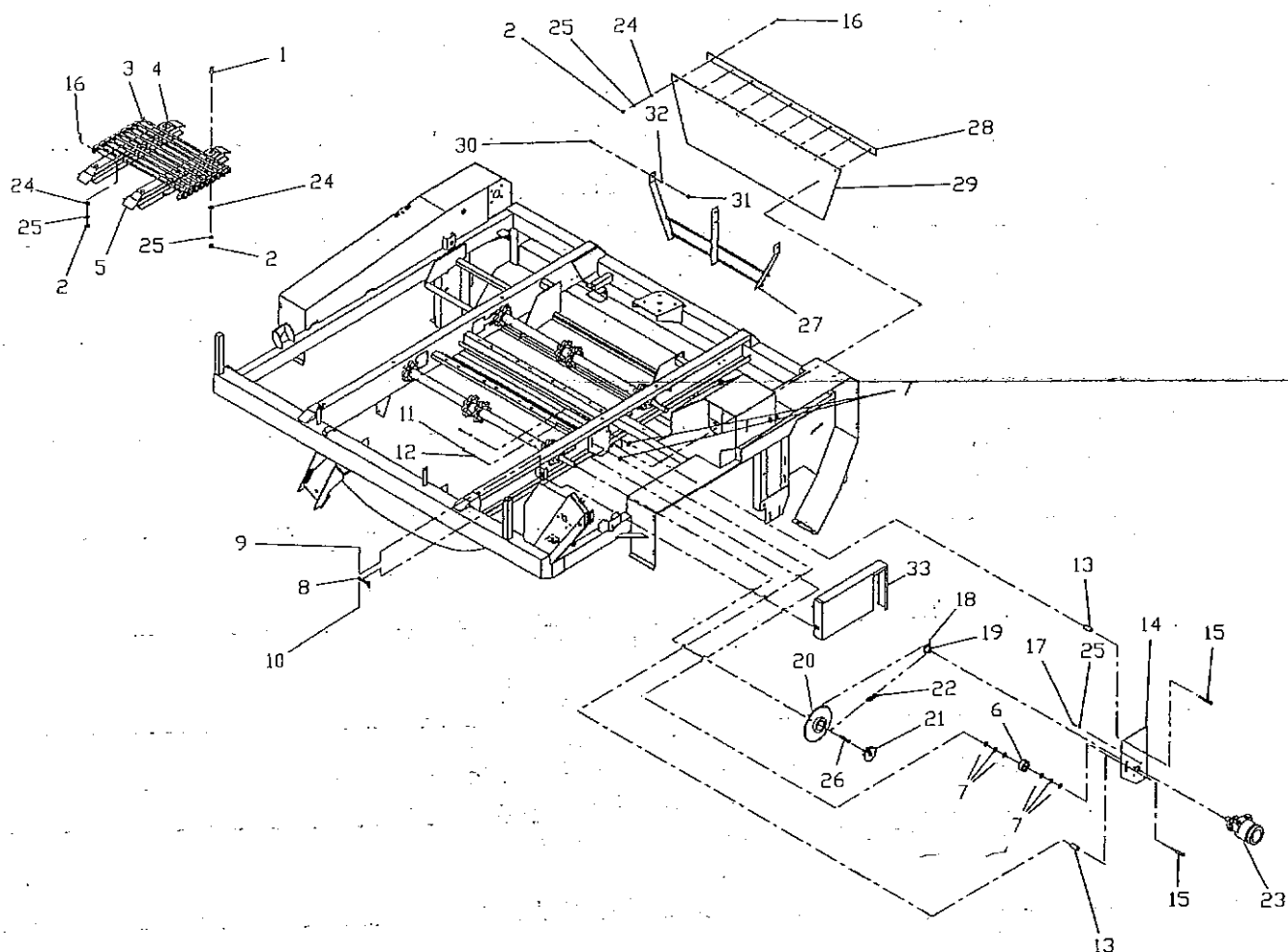
GRAB ROLL DRIVE, RIGHT HAND SIDE - 4405108R



GRAB ROLL DRIVE, RIGHT HAND SIDE - 4405108R

Item	Part Number	Qty.	Description
1	442200	1	Sheave, 4B 4-3/4" OD SD Bushing
2	E126095	1	Bushing, QD SD 1-7/16" x 1-13/16" with Bolts and Nuts
3	021530	4	Key, Square 3/8" x 2"
4	E706093	4	Sheave, B4 5-19/32" SD
5	287080	4	Bushing, QD SD 1-3/4" Bore
6	442270	2	Assembly, Sheave Flat 1-3/4" Bearing x 3-1/4"
7	E740215	1	Sprocket, 60P15
8	287630	2	Bushing, P1 1-3/4" Bore Split Taper
9	287620	1	Sprocket, H60P25 Split Taper
10	005360	2	Nut, Hex 1/2"-13
11	422110	1	Shaft, Lower Pivot
12	231000	1	Spring, Compression 1-5/8" x 7-1/4"
13	I486801R1	1	Washer, Flat 17/32" x 2" x 1/4"
14	239040	1	Spacer, Spring Length
15	441740	1	Weldment, Idlers Pivot Right Hand
16	231060	1	Weldment, Take-Up Rod 19"
17	035210	12	Washer, Flat 21/32" x 1-5/16" x 3/32"
18	E706098	2	Sheave, Idler Flat 8" OD 5/8" Bore
19	990650	2	Bolt, HHCS 5/8"-11 x 3"
20	442430	1	Belt, Banded 4B210
21	020440	3	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
22	I124589	1	Nut, Hex 5/8"-11
23	E706099	1	Sheave, Idler Flat 5" OD 5/8" ID
24	442570	1	Chain, #60 Roller x 37 Pitches
25	020880	4	Washer, Flat 1-1/4" x 1-3/4" x 9/64"
26	E126195	1	Bushing, 11/16" x 1-1/4" x 1-1/8"
27	028330	1	Bolt, HHCS 5/8"-13 x 4-1/2"
28	012260	1	Bolt, HHCS 3/8"-16 x 1"
29	012270	1	Washer, Flat 13/32" x 1-3/4" x 9/64"
30	021190	3	Washer, Flat 7/16" x 1" x 5/64"
31	021180	1	Washer, Lock 3/8" x 11/16" x 3/32"
32	268560	1	Washer, Flat 17/32" x 1-3/4" x 1/4"
33	115590	2	Zerk, 1/4"-28 Taper Self-Tapping Straight

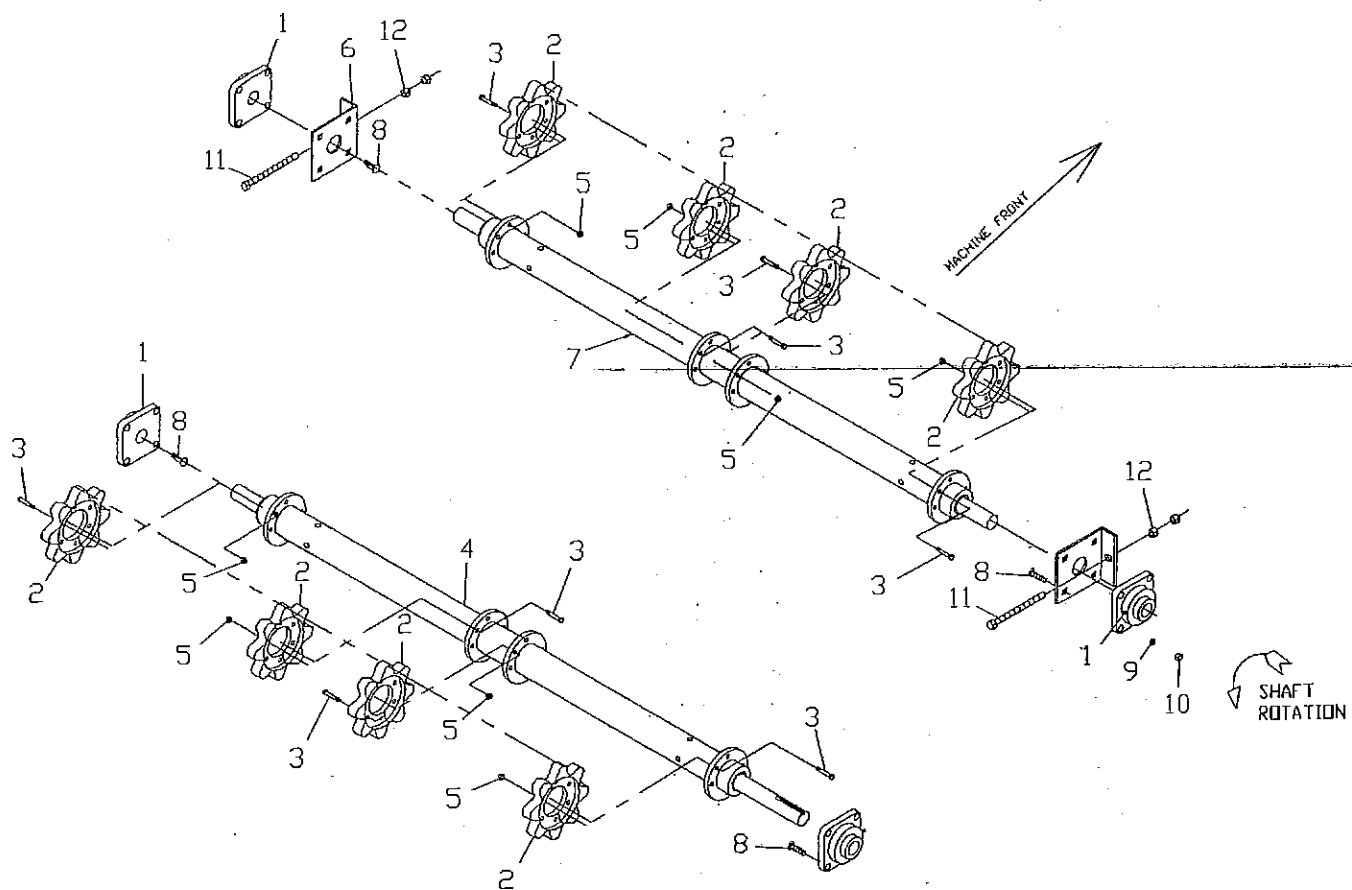
TANK DRIVE & CENTER FLAP - 462940



TANK DRIVE & CENTER FLAP - 462940

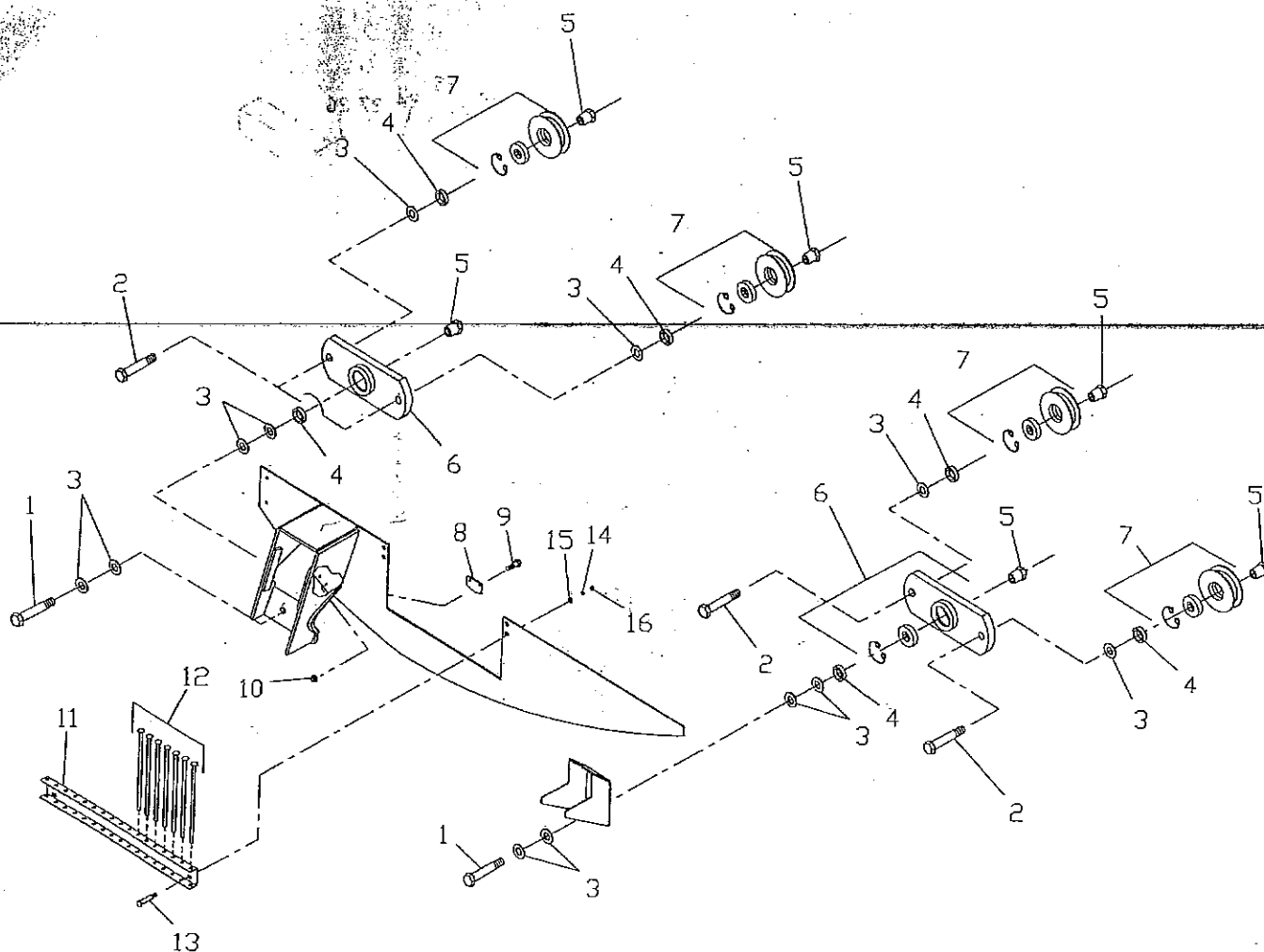
Item	Part Number	Qty.	Description
1	395840	12	Screw, FCHMS 3/8"-16 x 1-1/4"
2	027260	31	Nut, Hex 3/8"-16
3	433730	80	Chain, Draper 5/8" x 2-3/8"P x 30"W
4	431250	4	Strip, Wear UHWM
5	431230	4	Channel, Slide Support
6	E366013	1	Sprocket, Idler 60B13 with 5/8" Bearing
7	035210	15	Washer, Flat 21/32" x 1-5/16" x 3/32"
8	205650	2	Hook, Rubber
9	047000	2	Bolt, HHCS 1/4"-20 x 1-1/2"
10	037550	2	Nut, Lock 1/4"-20
11	I124589	3	Nut, Hex 5/8"-11
12	020440	3	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
13	JN147304	2	Spacer
14	435090	1	Plate, Motor Mount
15	056720	3	Bolt, HHCS 5/8"-11 x 4"
16	035180	15	Bolt, Carriage 3/8"-16 x 1-1/4"
17	012260	4	Bolt, HHCS 3/8"-16 x 1"
18	188650	2	Screw, 5/16"-18 x 5/16" KNRD Cup
19	268610	1	Sprocket, 60B12
20	433760	1	Sprocket, 60SF 54
21	268590	1	Bushing, QD SF 1-7/16" Round
22	442210	1	Chain, #60H Roller x 81 Pitches
23	343990	1	Motor, Hydraulic MF Displacement 1-39/64" Offset Finished 24 Cu. In.
24	021190	27	Washer, Flat 7/16" x 1" x 5/64"
25	021180	31	Washer, Lock 3/8" x 11/16" x 3/32"
26	021530	1	Key, Square 3/8" x 2"
27	459230	1	Weldment, Flap Brace
28	462150	1	Strap, Center Flap
29	459240	1	Flap, Center
30	010730	4	Bolt, HHCS 1/2"-13 x 1-1/4"
31	005360	4	Nut, Hex 1/2"-13
32	005370	4	Washer, Lock 1/2"
33	434160	1	Weldment, Side Shield

TANK SHAFTS & SPROCKETS - 4405103



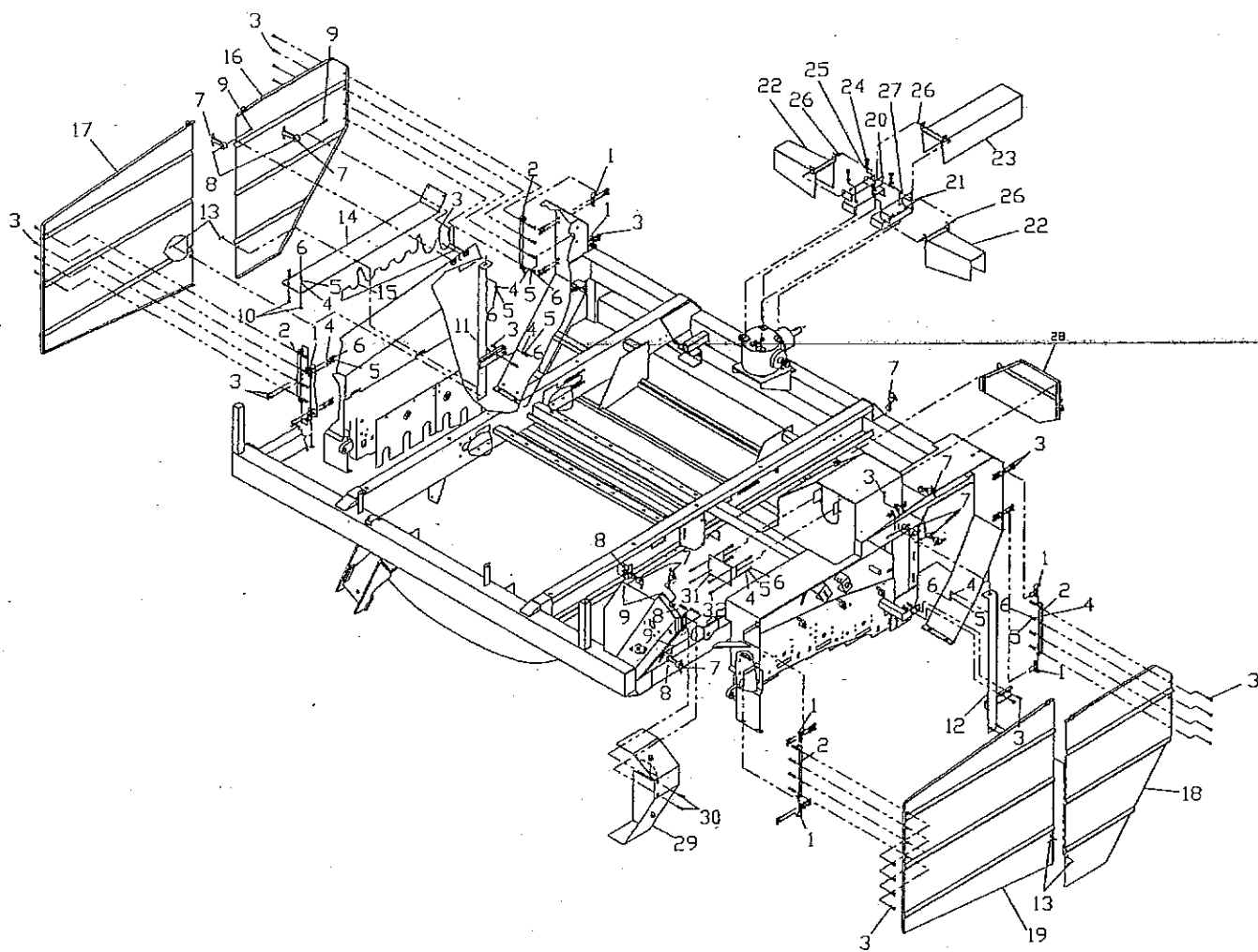
Item	Part Number	Qty.	Description
1	E072103	4	Bearing, Flange 1-7/16" Bore
2	260660	8	Sprocket, 8 tooth Split 2-3/8" x 3/4 Round Hardened
3	011370	48	Bolt, HHCS 3/8"-16 x 1-1/2"
4	434290	1	Weldment, Tank Drive Shaft
5	073630	48	Nut, Lock 3/8"-16 Hex Nylon
6	269320	2	Bracket, Bearing Adjustment
7	434970	1	Weldment, Tank Idler Shaft
8	025390	16	Bolt, Carriage 1/2"-13 x 1-3/4"
9	005370	16	Washer, Lock 1/2"
10	005360	16	Nut, Hex 1/2"-13
11	R66168	2	Bolt, Adjustment 5/8" x 6-1/2" Full Threaded
12	I124589	4	Nut, Hex 5/8"-11

SUPPORT ASSEMBLY, WHEEL ELEVATOR - 439820



Item	Part Number	Qty.	Description
1	268730	2	Bolt, HHCS 1"-8 x 3-1/4" Grade 8
2	R66338	4	Bolt, HHCS 1"-8 x 3"
3	990720	12	Washer, Flat 1-1/16" x 2-1/2" x 5/32"
4	JN144623	6	Spacer
5	JN144757	6	Nut, Guide Wheel 1"-8 UNC
6	439740	2	Assembly, Walking Roller Arm
7	433240	4	Assembly, Wheel Guide Roller
-	JN12358	1	Ring, Retaining
-	JAN142665	1	Bearing, Ball 35mm x 72 mm x 17 mm
-	433230	1	Guide, Wheel Roller
8	JN144839	1	Strap
9	JN10214	2	Bolt, Hex 3/8" x 1" Flange Lock
10	020180	2	Nut, Lock 3/8"-16 Hex Flange
11	406360	1	Channel, Grate Fence
12	347540	17	Rod, Grate 14-3/4"
13	014770	4	Bolt, HHCS 1/2"-13 x 1-1/2"
14	005370	4	Washer, Lock 1/2"
15	005200	4	Washer, Flat 9/16" x 1-3/8" x 7/64"
16	005360	4	Nut, Hex 1/2"-13

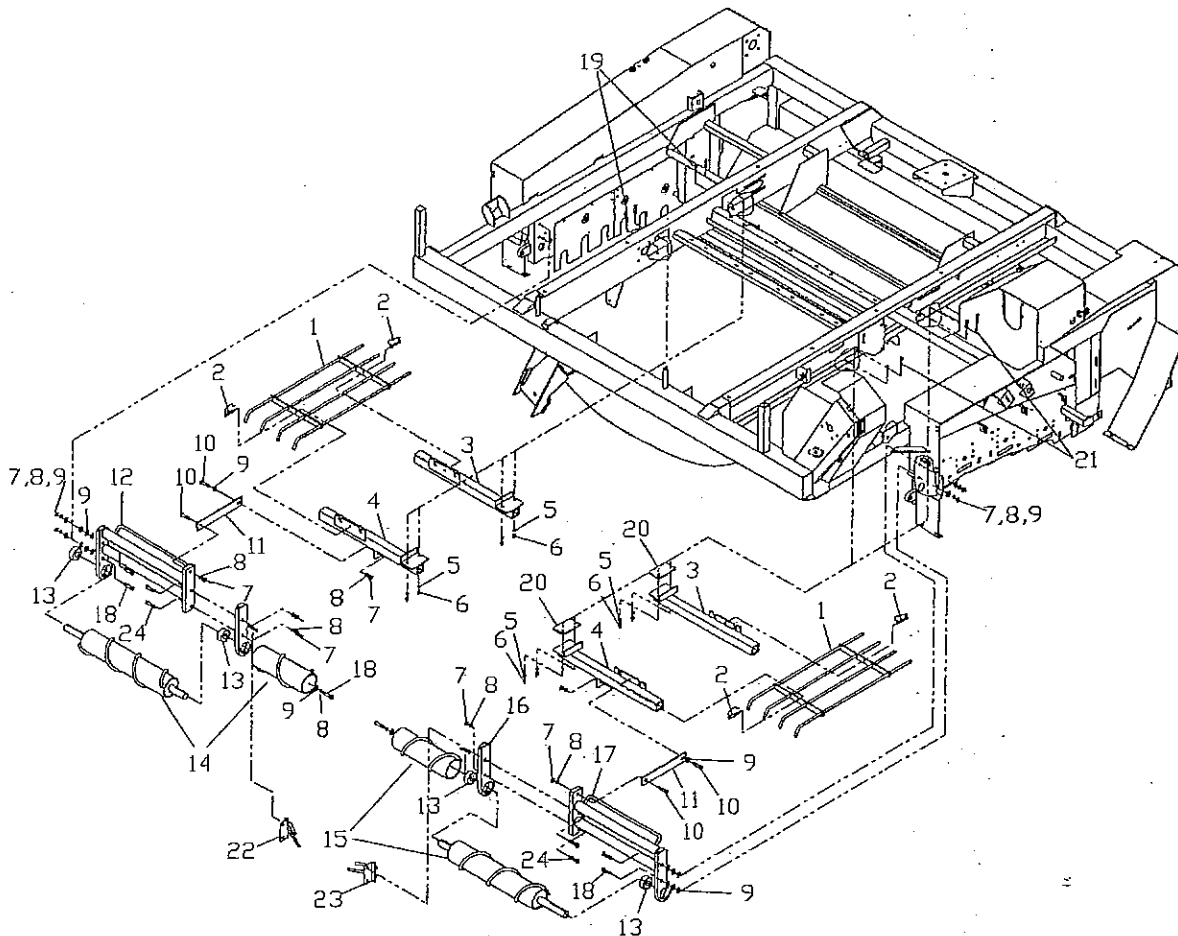
ASSEMBLY, SHIELDS - 4405114



ASSEMBLY SHIELDS - 4405114

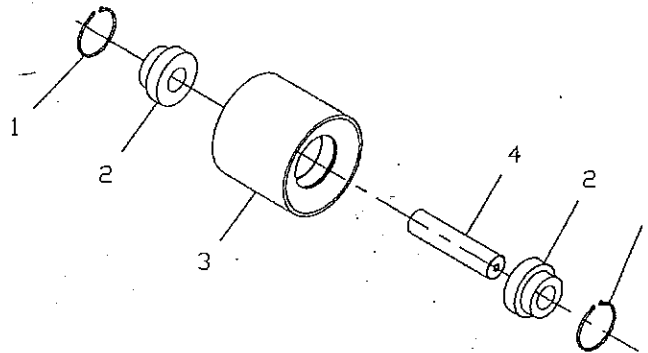
Item	Part Number	Qty.	Description
1	422770	8	Tab, Hinge Mounting
2	422780	4	Weldment, Shield Hinge
3	170530	40	Bolt, Carriage 3/8"-16 x 1"
4	021190	54	Washer, Flat 7/16" x 1" x 5/64"
5	021180	50	Washer, Lock 3/8" x 11/16" x 3/32"
6	027260	52	Nut, Hex 3/8"-16
7	205650	9	Hook, Rubber
8	037550	9	Nut, Lock 1/4"-20
9	223540	9	Bolt, HHCS 1/4"-20 x 1-3/4"
10	035180	8	Bolt, Carriage 3/8"-16 x 1-1/4"
11	441490	1	Weldment, Shield Support Strap Left Hand
12	441830	1	Weldment, Shield Support Strap Right Hand
13	051670	4	Pin, Cotter 9/64" x 2-1/2" Hair
14	463660	1	Sheet, Lower Drive Shield
15	459750	1	Shield, Inner Bolt-On Left Hand
16	435560	1	Weldment, Front Grab Roll Shield Left Hand
17	435550	1	Weldment, Rear Grab Roll Shield Left Hand
18	441780	1	Weldment, Front Grab Roll Shield Right Hand
19	441750	1	Weldment, Rear Grab Roll Shield Right Hand
20	434600	1	Weldment, Pivot Shield Left Hand
21	434610	1	Weldment, Pivot Shield Right Hand
22	434660	2	Weldment, Side Grab Roll Shield
23	434670	1	Weldment, Front Grab Roll Shield
24	E672055	4	Bolt, Hex 5/8"-11 x 1"
25	020440	4	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
26	012140	6	Bolt, HHCS 5/16"-18 x 3/4"
27	025670	6	Nut, Lock 5/16"-18 Hex Disthreaded
28	443170	1	Shield Weldment, Drive
29	443560	1	Shield Weldment, Wheel Chain
30	022420	2	Bolt, HHCS 3/8"-16 x 3/4"
31	442750	1	Panel, Drive Access
32	012260	4	Bolt, HHCS 3/8"-16 x 1"

DIVERTER ROLLS & GRATE - 4405107

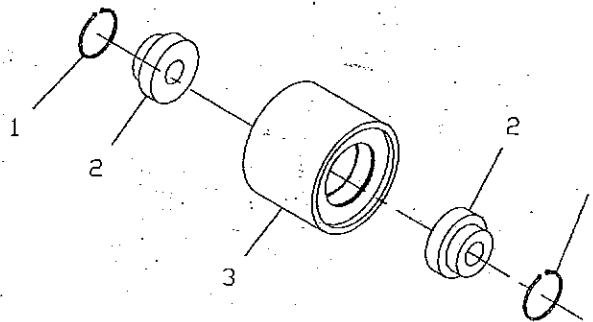


Item	Part Number	Qty.	Description
1	443940	2	Weldment, Side Grate
2	143710	4	Pin, Snapper 3/8" x 2-1/2"
3	443960	2	Weldment, Grate Front Support
4	444340	2	Weldment, Grate Rear Support
5	005370	8	Washer, Lock 1/2"
6	005360	8	Nut, Hex 1/2"-13
7	1124589	12	Nut, Hex 5/8"-11
8	020440	12	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
9	020430	18	Washer, Flat 11/16" x 1-3/4" x 9/64"
10	990620	4	Bolt, HHCS 5/8"-11 x 2"
11	444320	2	Bar, Diverter Stabilizer
12	444290	1	Weldment, Rear Grate Left Hand
13	E072470	4	Bearing, 1-7/16" with Lock Collar
14	444350	1	Roll, Side Diverter Left Hand
15	444360	1	Roll, Side Diverter Right Hand
16	441460	2	Arm, Diverter
17	444280	1	Weldment, Rear Grate Right Hand
18	990850	4	Bolt, HHCS 5/8"-11 x 2-3/4"
19	010730	4	Bolt, HHCS 1/2"-13 x 1-1/4"
20	455510	2	Plate, Shim
21	990610	4	Bolt, HHCS 5/8" x 1-1/2"
22	459760	1	Weldment, Grate Filler Left Hand
23	459770	1	Weldment, Grate Filler Right Hand
24	990650	4	Bolt, HHCS 5/8"-11 x 3"

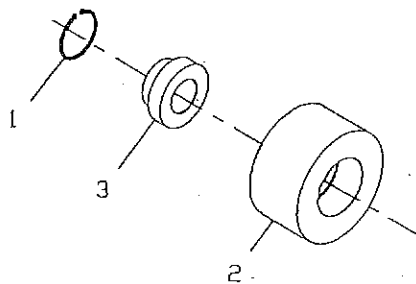
IDLERS



Item	Part Number	Qty.	Description
1	E642027	2	Ring, Retainer Internal 2-13/16" x 3/32"
2	346950	2	Assembly, Bearing 1-1/4" OD
3	446550	1	Weldment, Flat Sheave
4	447080	1	Pin, Idler 1-1/4" x 5-1/2"

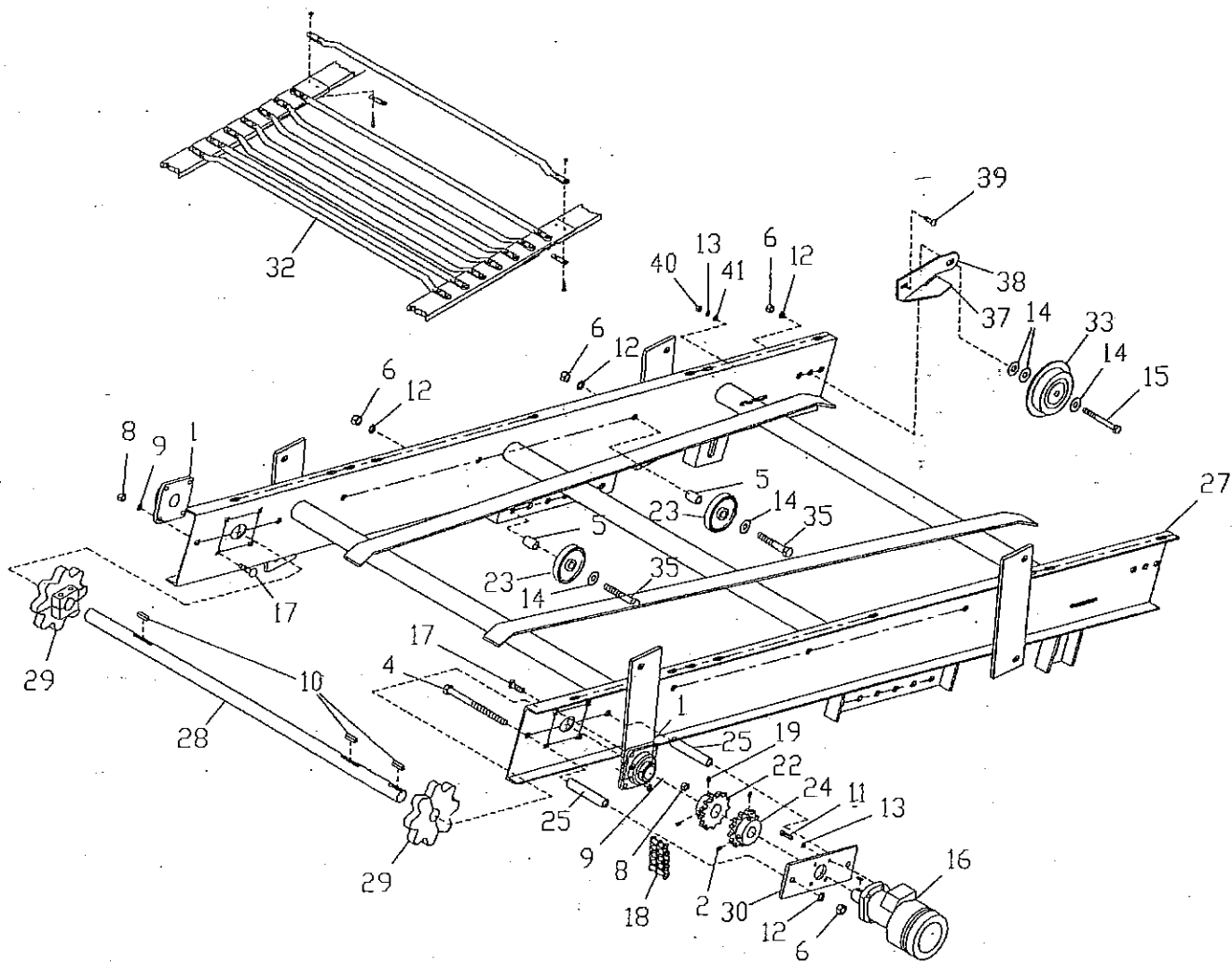


Item	Part Number	Qty.	Description
1	442290	2	Ring, Snap
2	G210042	2	Bearing, Flat 1-3/4" Bore
3	442260	1	Sheave, Flat 1-3/4" Bearing



Item	Part Number	Qty.	Description
1	442290	1	Ring, Snap
2	442250	1	Weldment, Flat Sheave 1-3/4" Bearing
3	G210042	1	Bearing, Flat 1-3/4" Bore

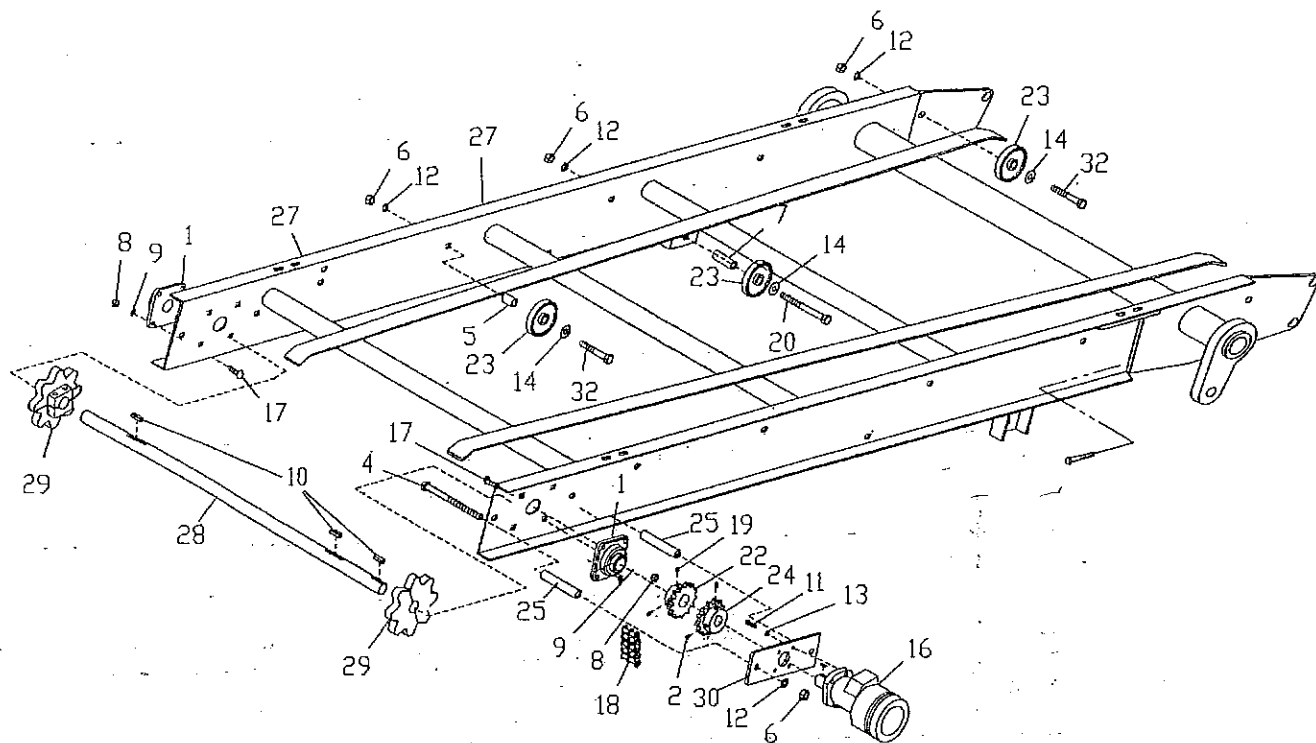
ELEVATOR ASSEMBLY, TANK - 439850



ELEVATOR ASSEMBLY, TANK - 439850

Item	Part Number	Qty.	Description
1	E072103	2	Bearing, Flange 1-7/16" Bore
2	E672139	2	Screw, HSSS 3/8"-16 x 5/16" Nylok
3	-	-	-
4	E672446	2	Bolt, HHCS 5/8"-11 x 7"
5	E724252	8	Spacer, 1" OD x 5/32" x 1-1/2"
6	I124589	14	Nut, Hex 5/8"-11
7	-	-	-
8	005360	8	Nut, Hex 1/2"-13
9	005370	8	Washer, Lock 1/2"
10	006670	3	Key, Square 3/8" x 1-1/2"
11	012260	4	Bolt, HHCS 3/8"-16 x 1"
12	020440	14	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
13	021180	6	Washer, Lock 3/8" x 11/16" x 3/32"
14	035210	18	Washer, Flat 21/32" x 1-5/16" x 3/32"
15	028330	2	Bolt, HHCS 5/8"-13 x 4-1/2"
16	111090	1	Motor, Hydraulic 20 cu. in. Displacement
16	243040	1	Kit, Seal Ross TRW (014280 and 111090) - Series MG, #SK000090*
17	156850	8	Bolt, Carriage 1/2"-13 x 1-1/2"
18	163770	1	Assembly, #60 Roller Chain-2 14 Pitches Includes Connector
19	188650	2	Screw, HSSS 5/16"-18 x 5/16" Nylok
20	-	-	-
21	-	-	-
22	271170	1	Sprocket, Coupling 60B14 1-7/16" ID
23	343280	10	Roller, Rubber 4" Dia.
24	343960	1	Sprocket, Coupling 60B14 1" ID
25	343980	2	Spacer, 41/64" ID 1" OD x 5-5/8"
26	-	-	-
27	433960	1	Weldment, Tank Elevator
28	404420	1	Shaft, Drive 1-7/16"
29	433770	2	Sprocket, Drive 8 Teeth 1-7/16" Bore x 56 mm Pitch
30	404460	1	Plate, Motor Mount
31	-	-	-
32	433750	1	Assembly, Belted Chain 56 mm Pitch x 73 Pitches
-	430600P	-	Rod, Down 1/4" DN40 Threaded
-	455500P	-	Screw, 1/4"-20 x 1" Ctr SK Hex Sock
-	455490P	-	Plate, Backer for 1/4" Rod
33	404450	2	Assembly, Roller 5" OD x 8" Flange
34	-	-	-
35	I271729	8	Bolt, HHCS 5/8"-11 x 3-1/2"
36	-	-	-
37	426360	1	Scraper, 5" Roller with 8" Flange Right Hand
38	426370	1	Scraper, 5" Roller with 8" Flange Left Hand
39	035180	2	Bolt, Carriage 3/8"-16 x 1-1/4"
40	027260	2	Nut, Hex 3/8"-16
41	021190	2	Washer, Flat 7/16" x 1" x 5/64"

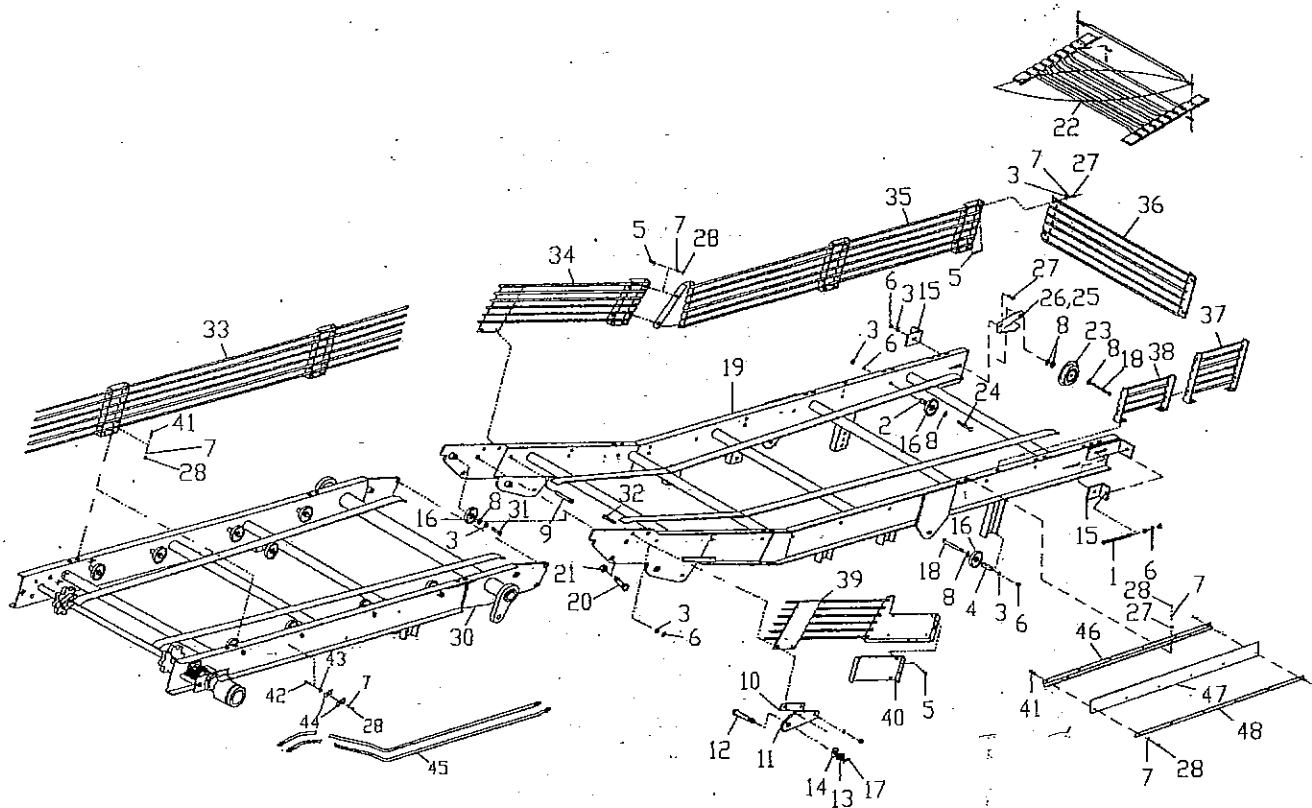
ELEVATOR ASSEMBLY, BOOM TRUCK - 439860



ELEVATOR ASSEMBLY, BOOM TRUCK - 439860

Item	Part Number	Qty.	Description
1	E072103	2	Bearing, Flange 1-7/16" Bore
2	E672139	2	Screw, HSSS 3/8"-16 x 5/16" Nylok
3			
4	E672446	2	Bolt, HHCS 5/8"-11 x 7"
5	E724252	8	Spacer, 1" OD x 5/32" x 1-1/2"
6	I124589	16	Nut, Hex 5/8"-11
7	JN144798	4	Trunion, Wheel Retainer
8	005360	8	Nut, Hex 1/2"-13
9	005370	8	Washer, Lock 1/2"
10	006670	3	Key, Square 3/8" x 1-1/2"
11	012260	4	Bolt, HHCS 3/8"-16 x 1"
12	020440	16	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
13	021180	4	Washer, Lock 3/8" x 11/16" x 3/32"
14	035210	20	Washer, Flat 21/32" x 1-5/16" x 3/32"
15			
16	111090	1	Motor, Hydraulic 20 cu. in. Displacement
16	243040	1	Kit, Seal Ross TRW (014280 and 111090) - Series MG, #SK000090*
17	156850	8	Bolt, Carriage 1/2"-13 x 1-1/2"
18	163770	1	Assembly, #60 Roller Chain-2 14 Pitches Includes Connector
19	188650	2	Screw, HSSS 5/16"-18 x 5/16" Nylok
20	990680	4	Bolt, HHCS 5/8"-11 x 5-1/2"
21			
22	271170	1	Sprocket, Coupling 60B14 1-7/16" ID
23	343280	14	Roller, Rubber 4" Dia.
24	343960	1	Sprocket, Coupling 60B14 1" ID
25	343980	2	Spacer, 41/64" ID 1" OD x 5-1/2"
26			
27	433980	1	Weldment, Truck Boom
28	404420	1	Shaft, Drive 1-7/16"
29	433770	2	Sprocket, Drive 8 Teeth 1-7/16" Bore x 56 mm Pitch
30	404460	1	Plate, Motor Mount
31			
32	I1271729	10	Bolt, HHCS 5/8"-11 x 3-1/2"

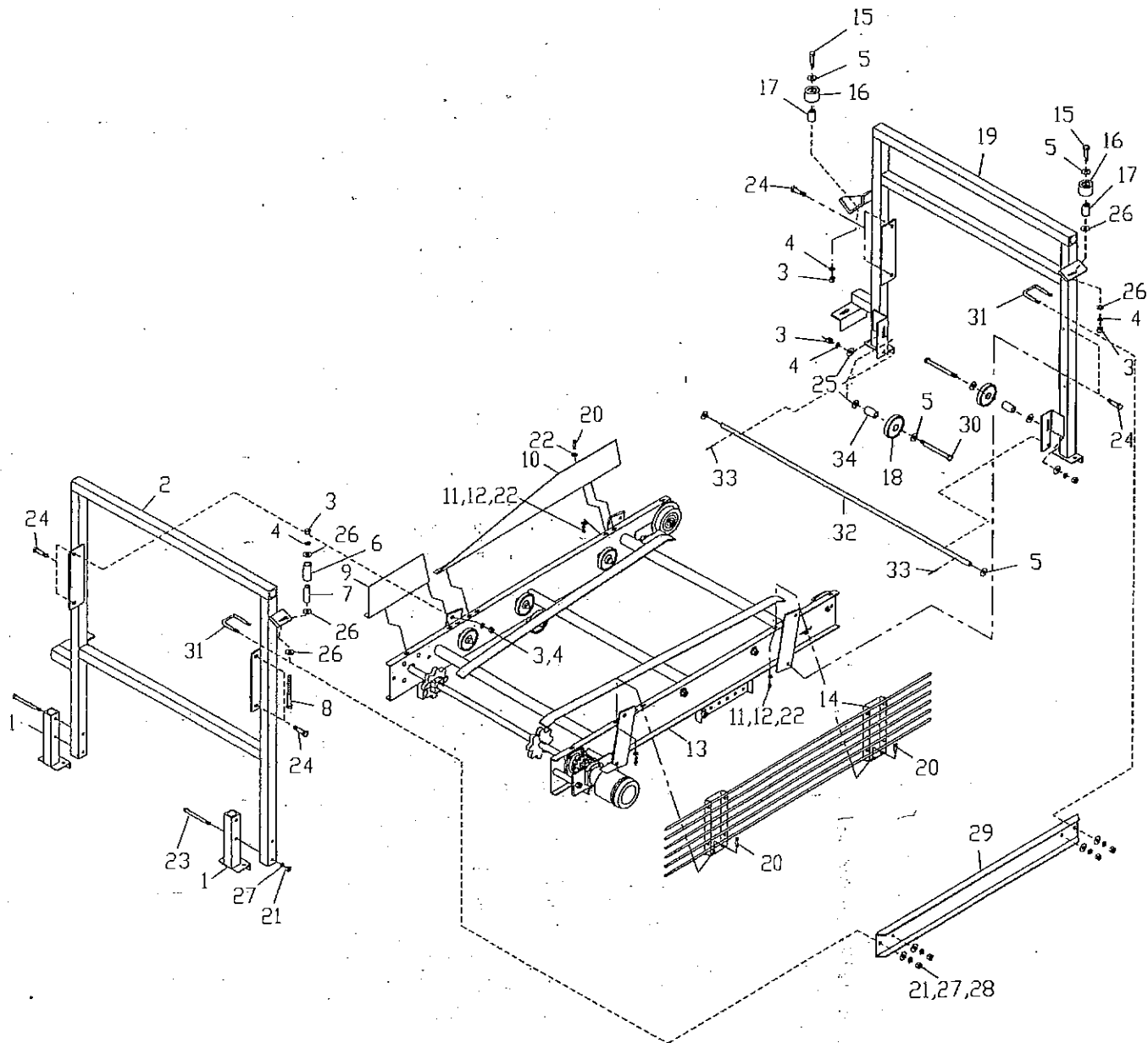
ELEVATOR ASSEMBLY, TRUCK - 440190



ELEVATOR ASSEMBLY, TRUCK - 440190

Item	Part Number	Qty.	Description
1	R66168	2	Bolt, Adjustment 5/8" x 6-1/2" Full Threaded
2	E724252	18	Spacer, 1" OD x 5/32" x 1-1/2"
3	I124589	34	Nut, Hex 5/8"-11
4	JN144798	6	Trunion, Wheel Retainer
5	170530	10	Bolt, Carriage 3/8"-16 x 1"
6	020440	30	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
7	021180	25	Washer, Lock 3/8" x 11/16" x 3/32"
8	035210	32	Washer, Flat 21/32" x 1-5/16" x 3/32"
9	028330	2	Bolt, HHCS 5/8"-13 x 4-1/2"
10	433440	2	Plate, Hinge Spacer
11	433450	2	Lug, Outer Hinge
12	344270	2	Bolt, HHCS 1"-14 x 3-1/2" Grade 8
13	344280	2	Nut, Hex 1"-14 Slotted Grade 8
14	1107389	6	Washer, Flat 1"
15	433280	2	Angle, Take-Up
16	343280	26	Roller, Rubber 4" Dia.
17	003950	2	Pin, Cotter 3/16" x 2"
18	990680	8	Bolt, HHCS 5/8"-11 x 5-1/2"
19	433970	1	Weldment, Lower Truck Elevator
20	E675354	2	Bolt, HHCS 1"-8 x 2"
21	J14H805	2	Nut, Hex 1"-8
22	433740	1	Assembly, Belted Chain 56mm Pitch 203 Pitches
-	430600P	-	Rod, Down 1/4" DN40 Threaded
-	455500P	-	Screw, 1/4"-20 x 1" Ctr SK Hex Sock
-	455490P	-	Plate, Backer for 1/4" Rod
23	404450	2	Assembly, Roller 5" OD x 8" Flange
24	I271729	16	Bolt, HHCS 5/8"-11 x 3-1/2"
25	426360	1	Scraper, 5" Roller with 8" Flange Right Hand
26	426370	1	Scraper, 5" Roller with 8" Flange Left Hand
27	J03H1558	2	Bolt, Carriage 3/8"-16 x 1-1/2"
28	027260	25	Nut, Hex 3/8"-16
29	021190	25	Washer, Flat 7/16" x 1" x 5/64"
30	439860	1	Assembly, Boom Truck Elevator
31	990620	2	Bolt, HHCS 5/8"-11 x 2"
32	023110	4	Bolt, HHCS 5/8"-11 x 2-1/2"
33	433640	2	Grate Weldment, Boom
34	439870	1	Weldment, Rear Grate Left Hand
35	433630	1	Weldment, Lower Truck Elevator Rear Grate
36	440030	1	Weldment, End Grate
37	440050	1	Weldment, 12" High Grate
38	440090	1	Weldment, 8" High Grate
39	439890	1	Weldment, Front Grate
40	439920	1	Grate, Filler
41	006690	12	Bolt, HHCS 3/8"-16 x 1-1/4"
42	011370	1	Bolt, HHCS 3/8"-16 x 1-1/2"
43	P98458	1	Spacer, 13/32" x 1/2"
44	413050	2	Clamp, Hose
45	443730	2	Assembly, Hose
46	456130	1	Angle, Elevator Flap
47	456120	1	Flap, Rubber 1/4" x 4"
48	456140	1	Strap, Elevator Flap

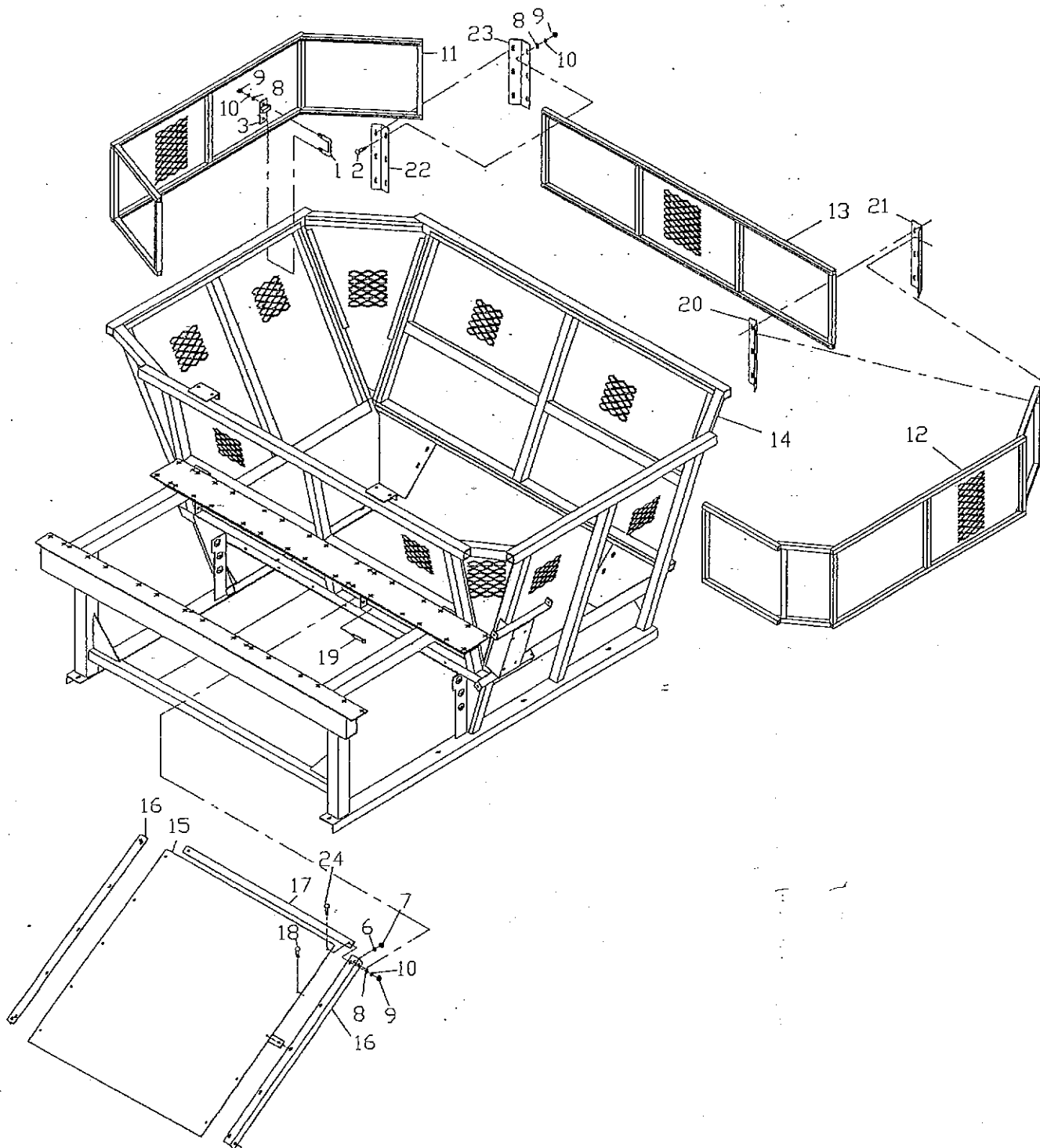
TOWER & TANK ELEVATOR ASSEMBLY - 440440



TOWER & TANK ELEVATOR ASSEMBLY - 440440

Item	Part Number	Qty.	Description
1	441720	2	Weldment, Tower Extension Tube
2	437460	1	Weldment, Rear Tower
3	I124589	14	Nut, Hex 5/8"-11
4	020440	14	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
5	035210	6	Washer, Flat 21/32" x 1-5/16" x 3/32"
6	JN144799	2	Roller, Wheel Retainer
7	JN144798	2	Trunion, Wheel Retainer
8	031490	2	Bolt, HHCS 5/8"-11 x 5"
9	438980	1	Panel, Left Rear
10	433290	1	Panel, Filler Tank Elevator
11	021180	9	Washer, Lock 3/8" x 11/16" x 3/32"
12	027260	9	Nut, Hex 3/8"-16
13	439850	1	Assembly, Tank Elevator 697
14	433320	1	Weldment, Elevator Tank Grate Right Hand
15	028330	2	Bolt, HHCS 5/8"-11 x 4-1/2"
16	413970	2	Assembly, Wheel Retainer Roller
17	413980	2	Spacer, 1-1/4" x 6-11/16" ID x 2"
18	343280	2	Roller, Rubber 4" Dia.
19	437450	1	Weldment, Front Tower
20	006690	9	Bolt, HHCS 3/8"-16 x 1-1/4"
21	005360	8	Nut, Hex 1/2"-13
22	I120394	14	Washer, Flat 13/32" x 13/16" x 3/64"
23	160350	4	Bolt, HHCS 1/2"-13 x 5"
24	990610	8	Bolt, HHCS 5/8"-11 x 1-1/2"
25	340310	4	Washer, Flat 21/32" x 2" x 1/4"
26	020430	6	Washer, Flat 11/16" x 1-3/4" x 9/64"
27	005370	8	Washer, Lock 1/2"
28	005200	4	Washer, Flat 9/16" x 1-3/8" x 7/64"
29	438960	1	Channel, Tower Tie
30	990670	2	Bolt, HHCS 5/8"-11 x 3-3/4"
31	290890	2	Bolt, U 1/2"-13 x 2-1/16" x 3"
32	289570	1	Rod, Grate Right Hand
33	124340	2	Pin, Cotter 3/16" x 1-1/2"
34	E724252	2	Spacer, 1" OD x 1-1/2" Long

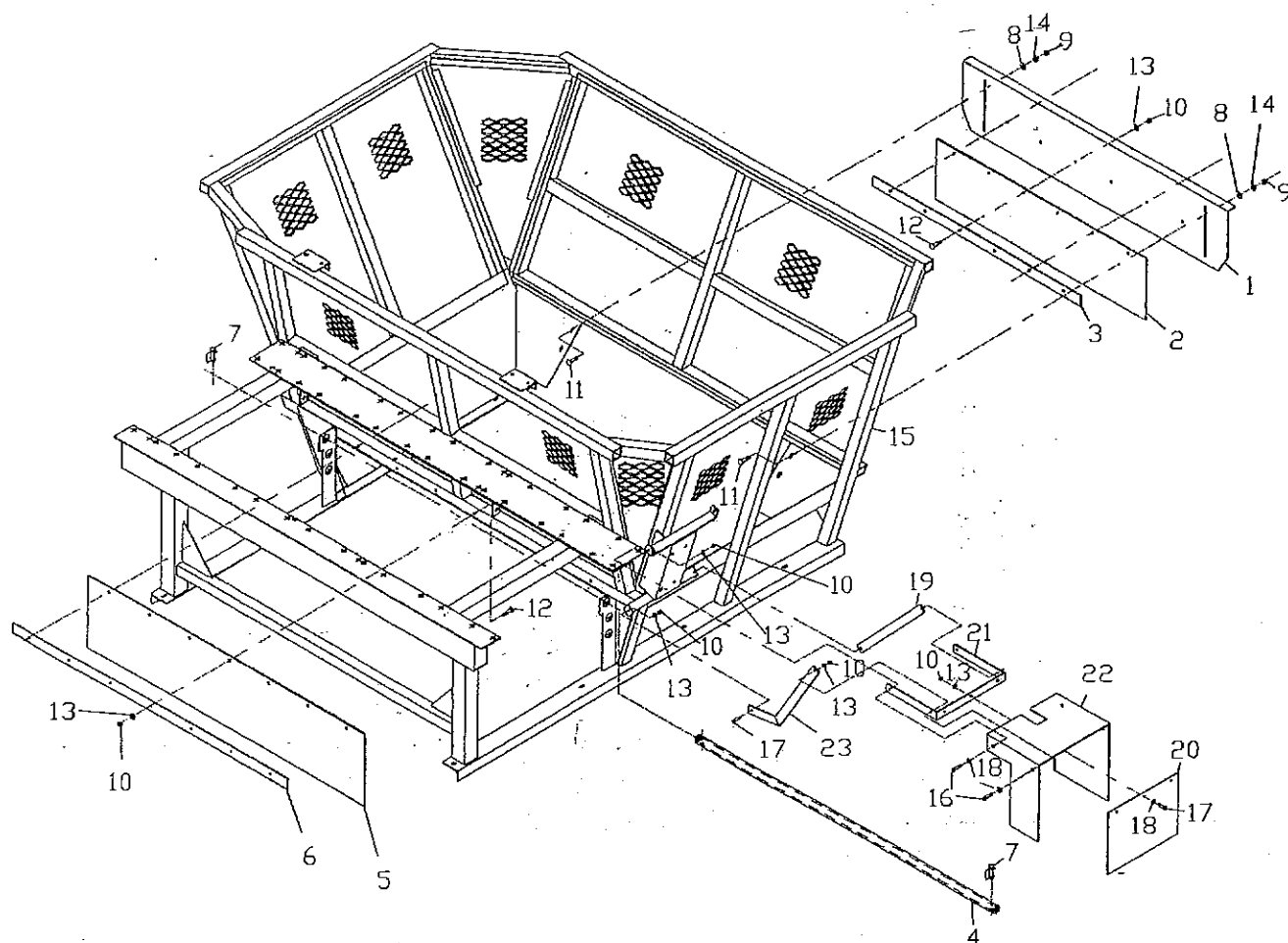
TANK & MOUNTING PACKAGE - 440430



TANK & MOUNTING PACKAGE - 440430

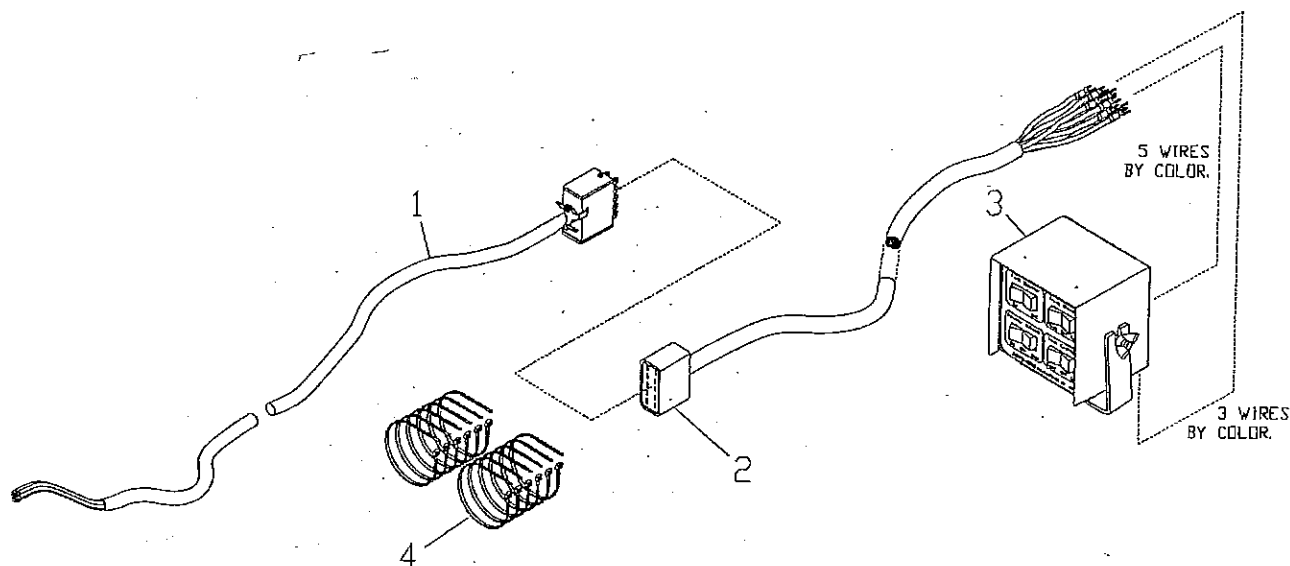
Item	Part Number	Qty.	Description
1	441520	7	Bolt, U 3/8"-16 x 3-1/32" x 3"
2	351440	12	Bolt, Carriage 3/8"-16 x 2-1/4"
3	441550	7	Weldment, Spacer Tank Extension
4	-	-	-
5	-	-	-
6	005370	4	Washer, Lock 1/2"
7	005360	4	Nut, Hex 1/2"-13
8	021190	26	Washer, Flat 7/16" x 1" x 5/64"
9	027260	26	Nut, Hex 3/8"-16
10	021180	26	Washer, Lock 3/8" x 11/16" x 3/32"
11	436730	1	Weldment, Tank Extension Left Hand
12	436740	1	Weldment, Tank Extension Right Hand
13	436750	1	Weldment, Tank Extension Front
14	440860	1	Assembly, Tank
15	436420	1	Sheet, Rear Hdpe Deflector
16	436450	2	Angle, Deflector
17	442840	2	Brace, Deflector Sheet
18	170530	6	Bolt, Carriage 3/8"-16 x 1"
19	014770	2	Bolt, HHCS 1/2"-13 x 1-1/2"
20	443010	1	Angle, Extension Clamp 15" x 3-3/8"
21	443020	1	Angle, Extension Clamp 15" x 5"
22	443030	1	Angle, Extension Clamp 15" x 3-5/8"
23	443040	1	Angle, Extension Clamp 15" x 4-1/2"
24	J03H1558	4	Bolt, Carriage 3/8"-16 x 1-1/2"

TANK ASSEMBLY - 440860



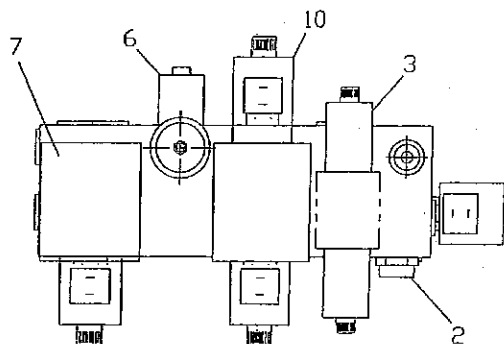
Item	Part Number	Qty.	Description
1	436080	1	Channel, Tank Gate
2	436890	1	Liner, Disc. End Front
3	439630	1	Strap, Rubber Hopper Front
4	436610	1	Tube, Tank Flap Adjustment
5	434150	1	Flap, Rubber Hopper
6	439640	1	Strap, Rubber Hopper Rear
7	143710	2	Pin, Snapper 3/8" x 2-1/2"
8	005200	4	Washer, Flat 9/16" x 1-3/8" x 7/64"
9	E552019	4	Nut, Hex 1/2"-20
10	027260	22	Nut, Hex 3/8"-16
11	V061805	4	Bolt, Carriage 1/2"-13 x 1-1/4"
12	J03H1558	13	Bolt, Carriage 3/8"-16 x 1-1/2"
13	021180	22	Washer, Lock 3/8" x 11/16" x 3/32"
14	005370	4	Washer, Lock 1/2"
15	436790	1	Weldment, Tank
16	011370	4	Bolt, HHCS 3/8"-16 x 1-1/2"
17	012260	5	Bolt, HHCS 3/8"-16 x 1"
18	021190	7	Washer, Flat 7/16" x 1" x 5/64"
19	442870	1	Support, Valve Flap
20	442880	1	Flap, Valve
21	442890	1	Bracket, Formed Flap
22	442900	1	Flap, Valve Sides
23	442930	1	Weldment, Flap Bracket

WIRING, MAIN VALVE & CONTROL - 449840

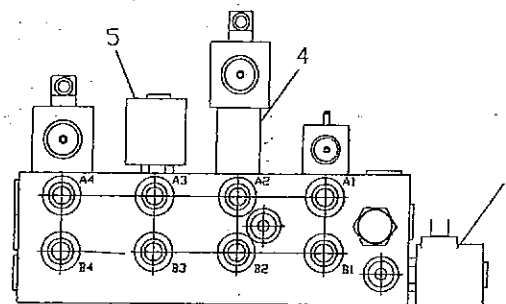


Item	Part Number	Qty.	Description
1	434140	1	Harness, Main Valve
2	434250	1	Cord, Control Remote Box
3	434120	1	Assembly, Control Box
4	149670	12	Tie, Cable 3/16" x 11"

MAIN VALVE - 443680 (ITEM 22 PAGE 49)



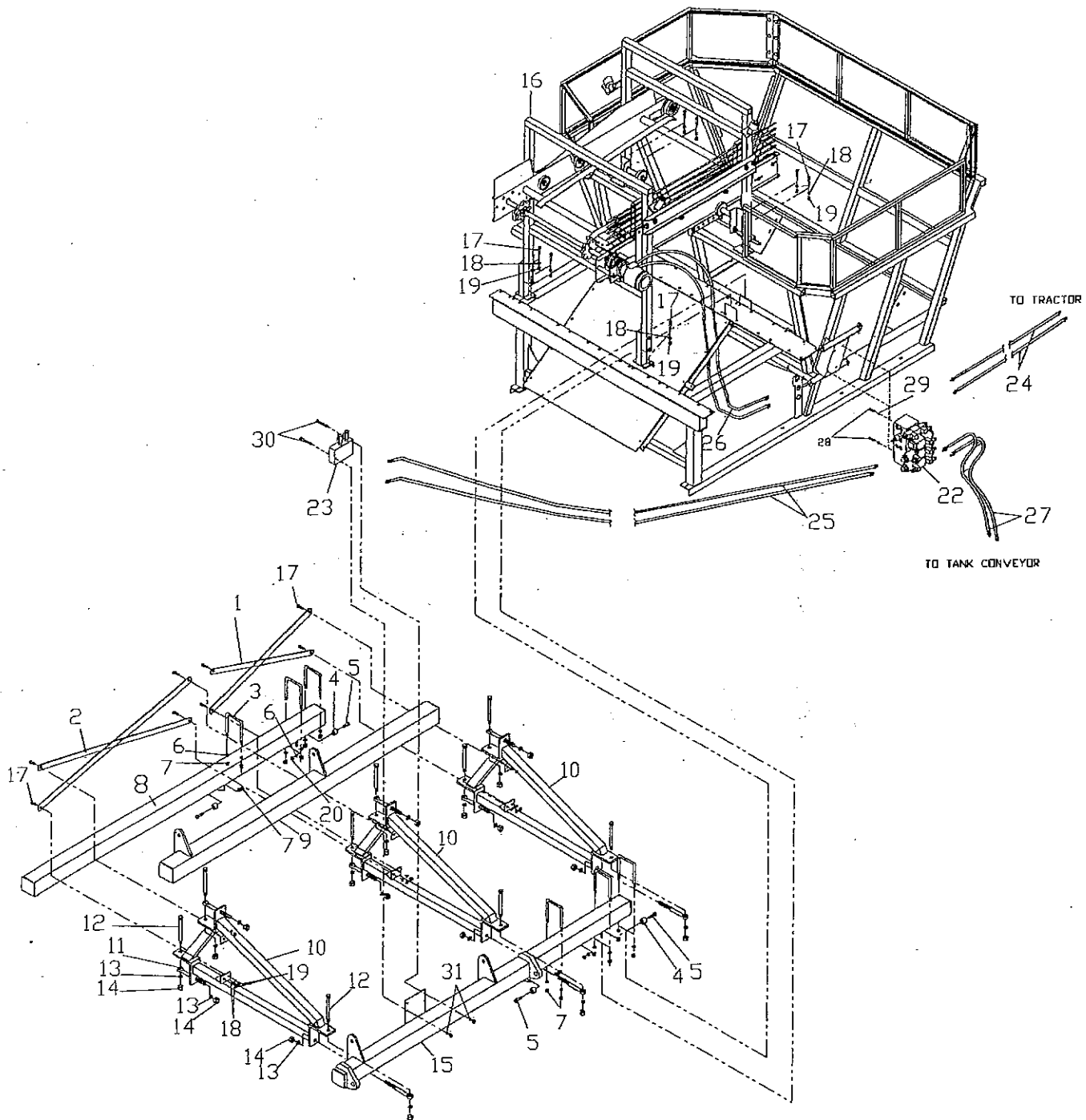
LEFT SIDE VIEW



FRONT VIEW

Item	Part Number	Qty.	Description
1	457730P	1	Valve, Solenoid Open Center
2	457690P	1	Regulator, Flow
3	457710P	1	Valve, Solenoid 4 Way
4	457680P	1	Valve, Relief
5	457700P	1	Valve, Solenoid
6	457670P	1	Valve, Solenoid
7	460330P	1	Valve, Solenoid 4 Way
8	457720P	1	Plug, Closed Center (Not Shown)
9	460340P	1	Body, Valve
10	460350P	1	Valve, Solenoid 4 Way (P-T) Blocked

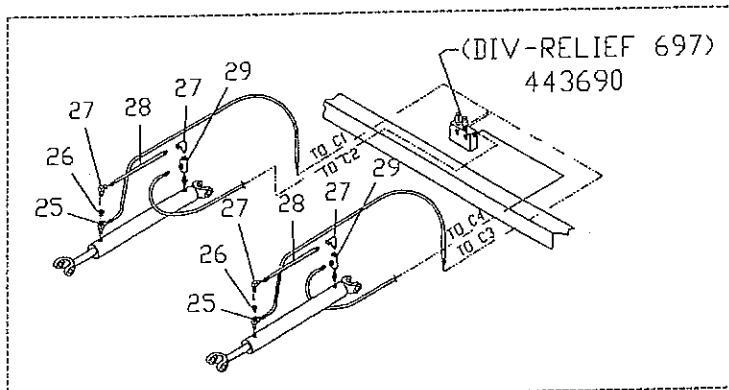
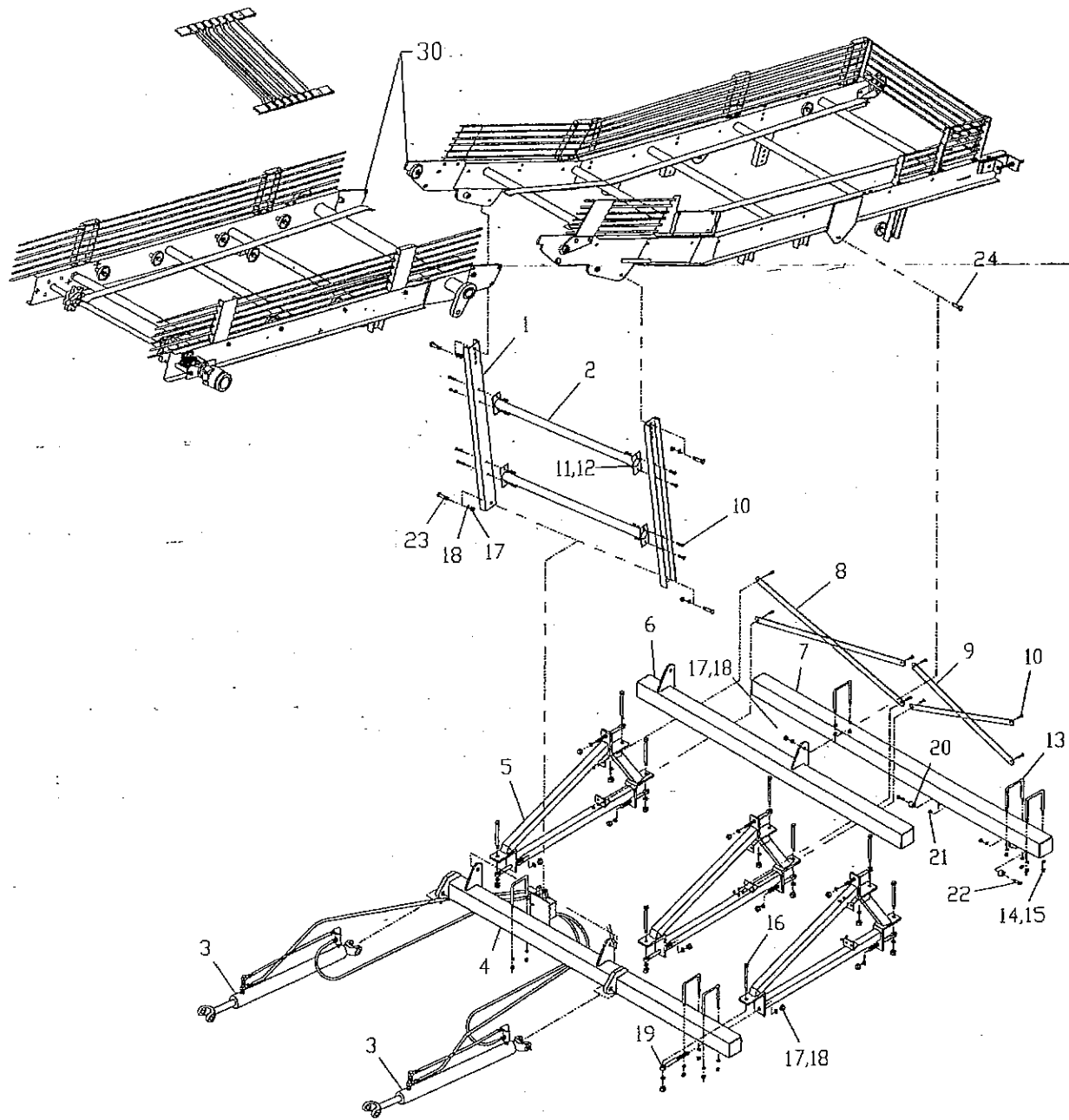
ELEVATOR MOUNTING PARTS - 44043010



ELEVATOR MOUNTING PARTS - 44043010

Item	Part Number	Qty.	Description
1	437500	2	Strap, X Brace (Short)
2	436430	2	Strap, X Brace (Long)
3	442820	6	Bolt, U 5/8"-11 x 4-1/16" x 5-1/2"
4	E126197	4	Bushing, 11/16" ID x 1-1/4" x 15/16"
5	990610	4	Bolt, HHCS 5/8"-11 x 1-1/2"
6	020440	16	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
7	I124589	16	Nut, Hex 5/8"-11
8	439760	1	Weldment, Tower Tube Left
9	437120	1	Weldment, Upper Elevator Mounting Tube
10	434010	9	Weldment, Elevator Support Frame
11	254320	9	Bolt, Eye 3/4"-10 x 6" Forged
12	036730	9	Bolt, HHCS 3/4"-10 x 6-1/2"
13	036800	18	Washer, Lock 3/4"
14	J14H794	18	Nut, Hex 3/4"-10
15	437110	1	Weldment, Lower Elevator Mounting Tube Right Hand
16	440440	1	Assembly, Tower and Tank Elevator
17	010730	16	Bolt, HHCS 1/2"-13 x 1-1/4"
18	005370	16	Washer, Lock 1/2"
19	005360	16	Nut, Hex 1/2"-13
20	V062140	4	Nut, Hex 5/8"-11 Jam Grade 2
21	-	-	-
22	443680	1	Manifold, Main Valve 697
23	443690	1	Valve, Div-Relief 697
24	443700	2	Assembly, Hydraulic Hose 5/8" x 260" x 1/2" NPT
25	443710	2	Assembly, Hydraulic Hose 3/8" x 90" x 1/2" NPT
26	443720	2	Assembly, Hydraulic Hose 5/8" x 90" x 1/2" NPT
27	443740	2	Assembly, Hydraulic Hose 5/8" x 60" x 1/2" NPT
28	012260	4	Bolt, HHCS 3/8"-16 x 1"
29	021180	4	Washer, Lock 3/8" x 11/16" x 3/32"
30	009800	2	Bolt, HHCS 5/16"-18 x 2-1/2"
31	023620	2	Washer, Lock 5/16"
32	023630	2	Nut, Hex 5/16"-18

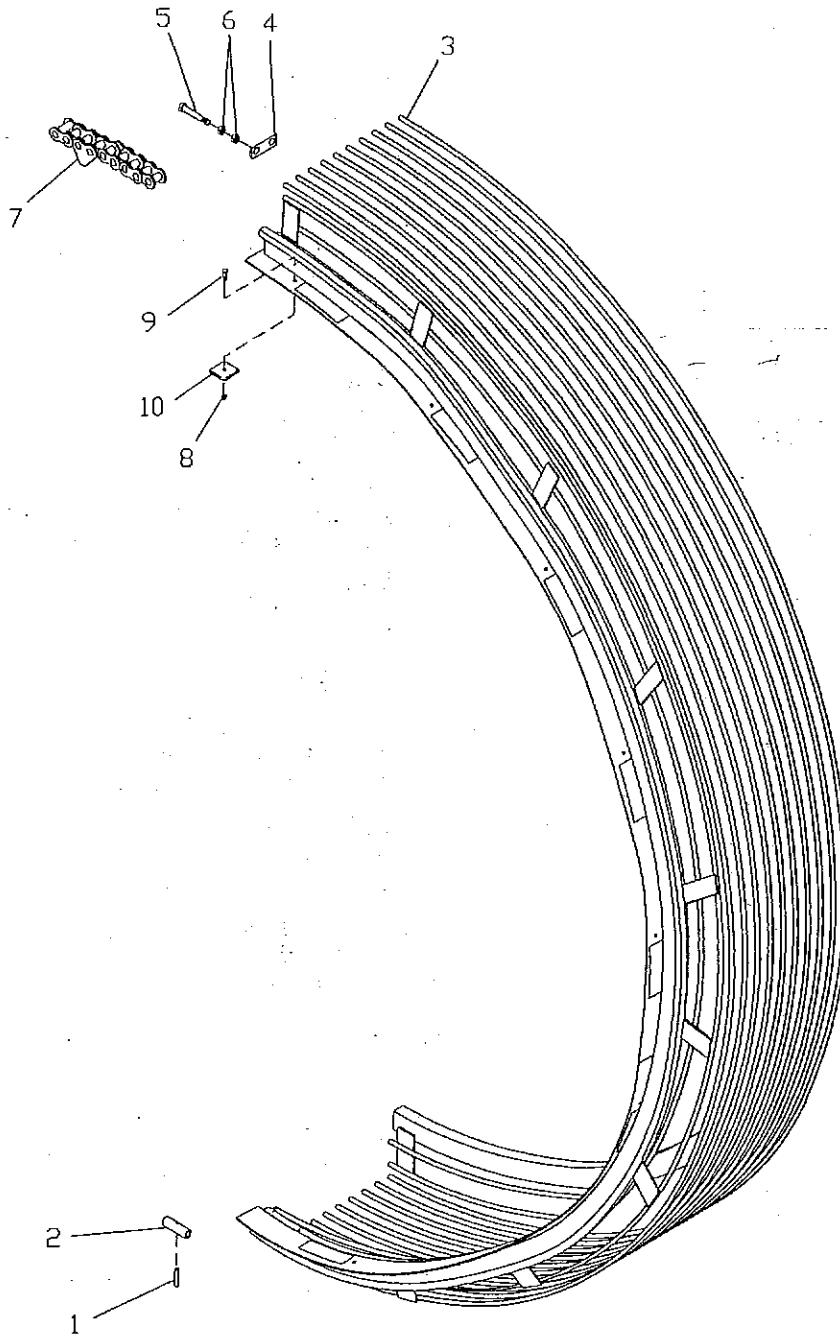
TRUCK ELEVATOR COMPLETION - 440450



TRUCK ELEVATOR COMPLETION - 440450

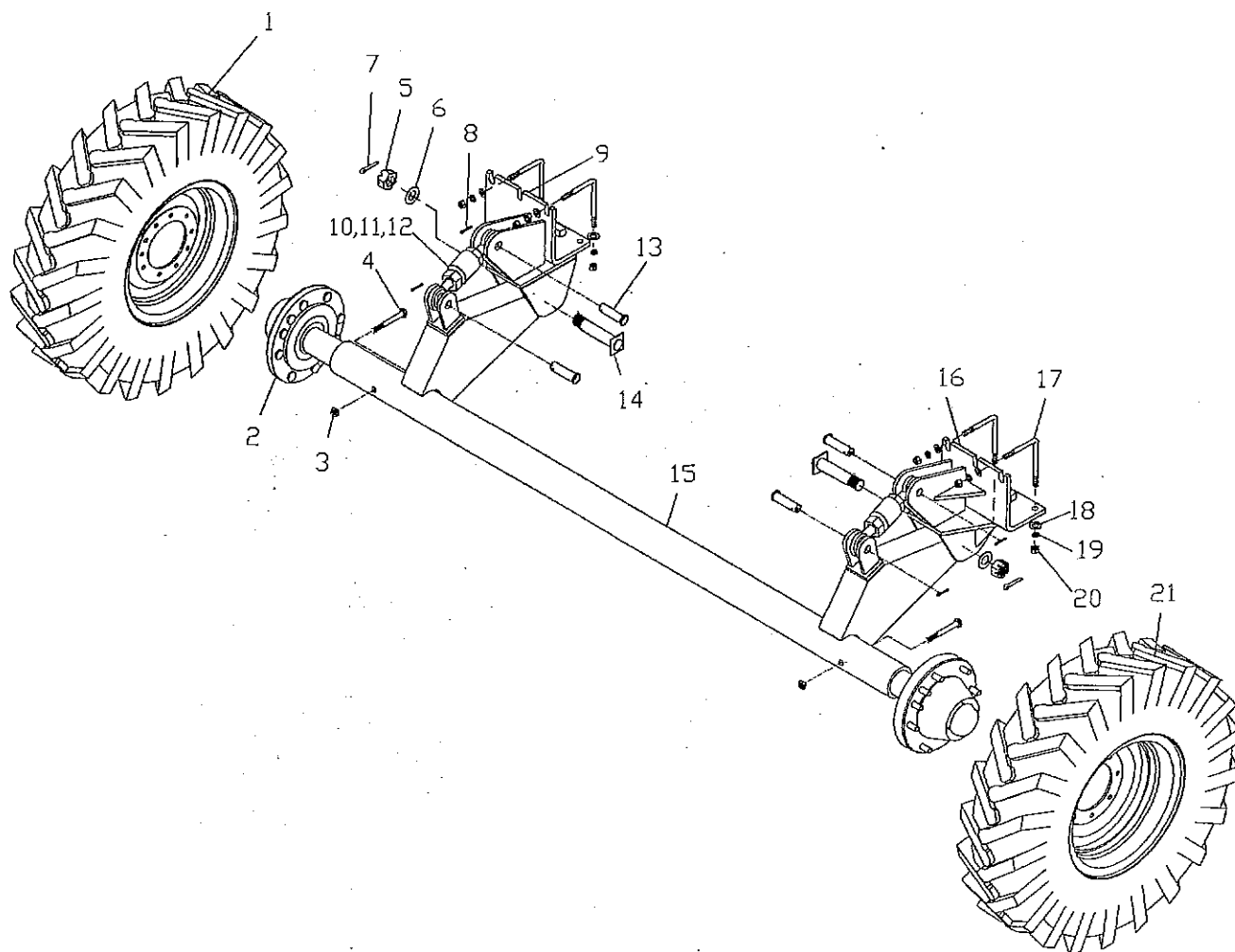
Item	Part Number	Qty.	Description
1	433500	2	Channel, Brace
2	434020	2	Weldment, Elevator Support Stiffener
3	256240	2	Cylinder, Hydraulic 3" x 30"
3	384840	1	Kit, Seal Cross Cylinder 3" x 30"
4	437110	1	Weldment, Lower Elevator Mounting Tube Right Hand
5	434010	3	Weldment, Elevator Support Frame
6	437120	1	Weldment, Upper Elevator Mounting Tube
7	439760	1	Weldment, Tower Tube Left
8	436430	2	Strap, X Brace (Long)
9	437500	2	Strap, X Brace (Short)
10	010730	24	Bolt, HHCS 1/2"-13 x 1-1/4"
11	005370	24	Washer, Lock 1/2"
12	005360	24	Nut, Hex 1/2"-13
13	442820	6	Bolt, U 5/8"-11 x 4-1/16" x 5-1/2"
14	020440	16	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
15	I124589	12	Nut, Hex 5/8"-11
16	036730	9	Bolt, HHCS 3/4"-10 x 6-1/2"
17	J14H794	24	Nut, Hex 3/4"-10
18	036800	24	Washer, Lock 3/4"
19	254320	9	Bolt, Eye 3/4"-10 x 6" Forged
20	E126197	4	Bushing, 11/16" ID x 1-1/4" x 15/16"
21	V062140	4	Nut, Hex 5/8"-11 Jam Grade 2
22	990610	4	Bolt, HHCS 5/8"-11 x 1-1/2"
23	1769804	4	Bolt, HHCS 3/4"-10 x 1-3/4"
24	990560	2	Bolt, HHCS 3/4"-10 x 2-1/2"
25	274410	1	Tee, Street 1/2"-14 NPTF
26	277780	1	Bushing, Hydraulic Reducer 1/2" x 1/4" NPTF
27	V612024	4	Fitting, 90° Swivel
28	401180	2	Hose, Hydraulic 1/4" x 34" 100R1
29	407500	1	Valve, Pilot Check
30	440190	1	Assembly, Elevator

FERRIS WHEEL & DRIVE - 438840



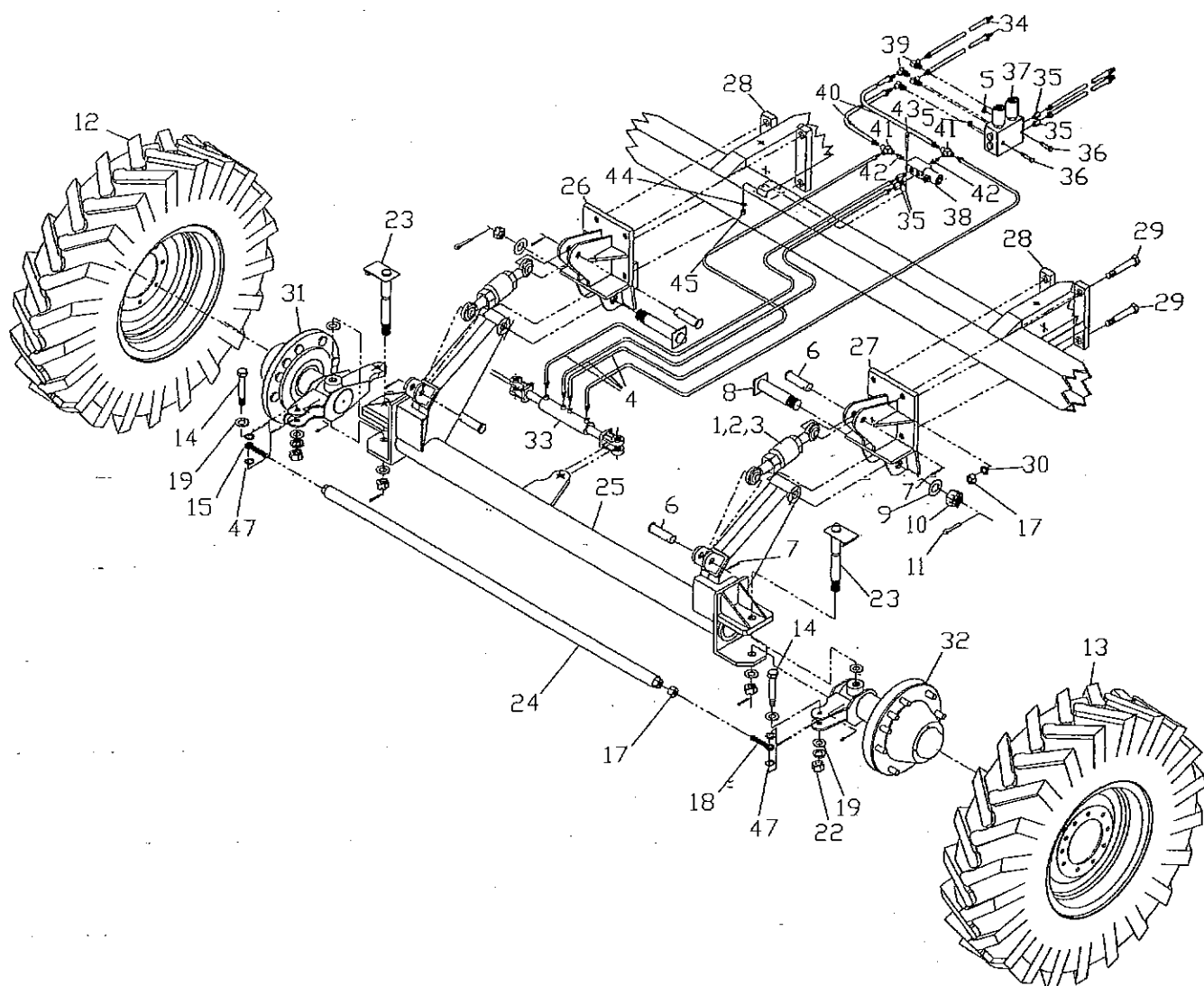
Item	Part Number	Qty.	Description
1	012560	28	Pin, Expansion 3/16" x 1"
2	431860	28	Connector, Wheel Rod
3	431750	2	Weldment, Wheel Half
4	JN145108	12	Strap, Rocker
5	J19H2969	12	Bolt, HHCS 5/8"-11 x 3-1/2" Grade 8
6	1121555	24	Nut, Hex 5/8"-11 Jam
7	433700	1	Assembly, Wheel Drive Chain
8	020190	18	Nut, Lock 5/16"-18 Hex Flange
9	254060	18	Bolt, Carriage 5/16"-18 x 1"
10	JN144807	18	Block, Replacement
-	438850	1	Kit, Wheel Cleaner Flap

CARRIER WHEELS, FIXED - 432510



Item	Part Number	Qty.	Description
1	440870	1	Assembly, Tire and Wheel Left Hand
2	442790	2	Assembly, Hub and Spindle
3	E552046	2	Nut, Lock 5/8"-11 Hex Grade A
4	990680	2	Bolt, HHCS 5/8"-11 x 5-1/2"
5	E552084	2	Nut, Hex 1-1/2"-6 Slotted
6	V063596	2	Washer, Flat 1-1/2"
7	E580042	2	Pin, Cotter 3/16" x 3"
8	003950	4	Pin, Cotter 3/16" x 2"
9	432530	1	Weldment, Carrier Support Left Hand
10	436850	2	Weldment, Carrier Jack
11	437330	2	Weldment, Tie Rod Left Hand
12	437340	2	Weldment, Tie Rod Right Hand
13	E580182	4	Pin, Clevis 1-1/8" x 4"
14	430260	2	Weldment, Pin 1-1/2" x 7-5/8"
15	432520	1	Weldment, Carrier Main
16	432540	1	Weldment, Carrier Support Right Hand
17	403860	6	Bolt, L 3/4" x 6-7/8" x 8-3/4"
18	J24H1401	6	Washer, Flat 25/32" x 1-3/4" x 3/16"
19	036800	12	Washer, Lock 3/4"
20	J14H794	12	Nut, Hex 3/4"-10
21	440880	1	Assembly, Tire and Wheel Right Hand

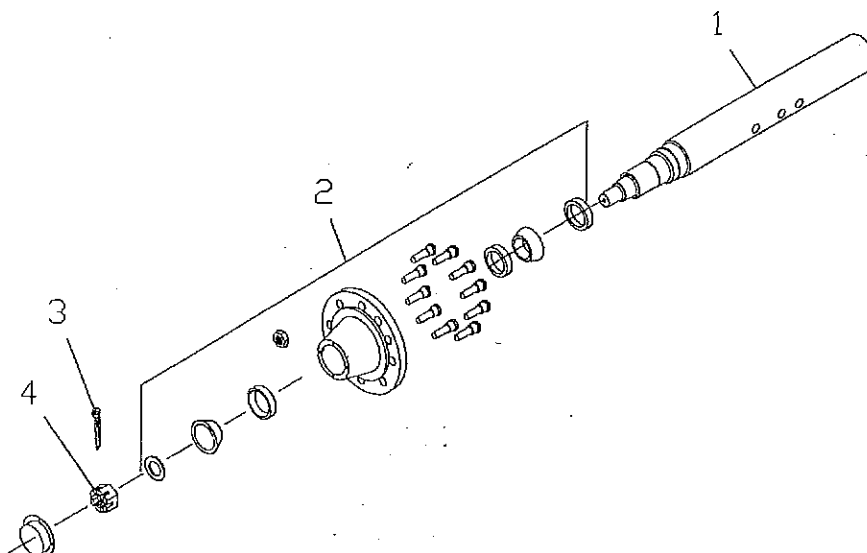
CARRIER WHEELS, STEERABLE - 444470



CARRIER WHEELS, STEERABLE - 444470

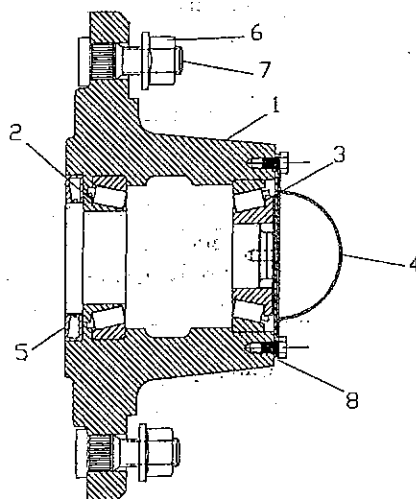
Item	Part Number	Qty.	Description
1	436850	2	Weldment, Carrier Jack
2	437330	2	Weldment, Tie Rod Left Hand
3	437340	2	Weldment, Tie Rod Right Hand
4	445690	4	Assembly, Hydraulic Hose 1/2" x 54"
5	032370	2	Nut, Hex 3/8"-16
6	E580182	4	Pin, Clevis 1-1/8" x 4"
7	003950	4	Pin, Cotter 3/16" x 2"
8	430260	2	Weldment, Pin 1-1/2" x 7-5/8"
9	V063596	2	Washer, Flat 1-1/2" x 3" x 5/32"
10	E552084	2	Nut, Hex 1-1/2"-6 Slotted
11	E580042	2	Pin, Cotter 3/16" x 3"
12	440870	1	Assembly, Tire and Wheel Left Hand
13	440880	1	Assembly, Tire and Wheel Right Hand
14	990940	2	Bolt, HHCS 1-18"-7 x 6"
15	459880	1	Weldment, Tie Rod Left Hand
16	V061944	2	Nut, Hex 1-1/8"-7
17	V061921	9	Nut, Hex 1-1/2"-6 Grade 2
18	459870	1	Weldment, Tie Rod Right Hand
19	E829100	2	Washer, Flat 1-1/8"
20	049180	2	Zerk, 1/4"-28 Tapered Thread Lube
21	E580041	2	Pin, Cotter 3/16" x 2-1/2"
22	E552023	2	Nut, Hex 1-1/4"-12 Slotted
23	459370	2	Weldment, King Pin
24	459340	1	Weldment, Tie Rod
25	445520	1	Weldment, Steerable Carrier
26	445610	1	Weldment, Carrier Support Left Hand
27	447170	1	Weldment, Carrier Support Right Hand
28	E174044	4	Clamp, Plate
29	252020	8	Bolt, HHCS 1"-8 x 8" Grade 8
30	003350	8	Washer, Lock 1"
31	445590	1	Assembly, Steerable Hub and Spindle Left Hand
32	445600	1	Assembly, Steerable Hub and Spindle Right Hand
33	445680	1	Cylinder, Double Acting 3-1/2" x 4"
33	447210	1	Kit, Seal Fisher Cylinder 3-1/2" x 4"
34	447320	2	Assembly, Hydraulic Hose 1/2" x 70"
35	274450	4	Adapter, 3/4"-16 ORB to 1/2"-14 NPTF
36	990870	2	Bolt, HHCS 3/8"-16 x 3-1/2"
37	447330	1	Remote, Electro/Hydraulic Doubler
38	447340	1	Valve, 4-Way 2 Position
39	277340	4	Adapter, Elbow 90° Street 3/4" ORB x 1/2" NPTF
40	447310	2	Assembly, Hydraulic Hose 1/2" x 150"
41	166290	2	Adapter, Tee
42	343370	2	Adapter, Connector Straight Male 3/4" ORB to 1/2"-14 Male NPTF
43	1100807	2	Bolt, HHCS 1/4"-20 x 2"
44	023260	2	Washer, Flat 5/16" x 3/4" x 16 Gauge
45	027660	2	Nut, Hex 1/4"-20
46	455420	2	Washer, Flat 1-9/32" x 3" x 3/16"
47	459360	4	Seal, Tie Rod Ball
48	E829100	2	Washer, Lock 1-1/8"

HUB & SPINDLE ASSEMBLY - 442790



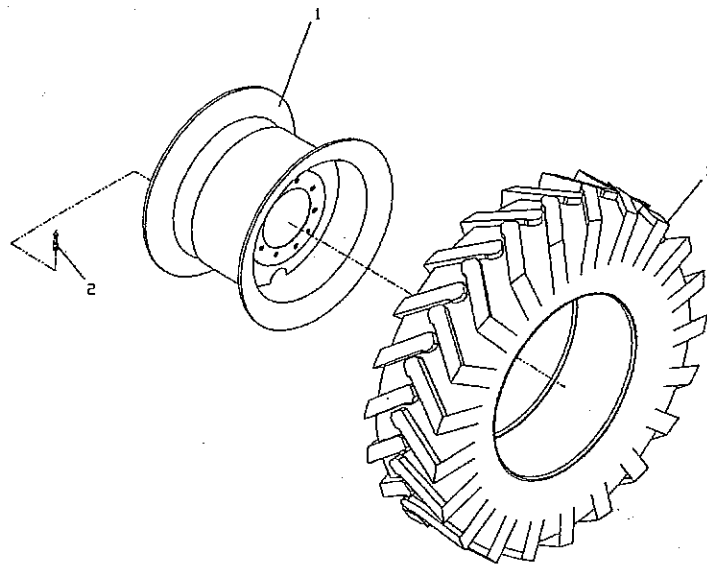
Item	Part Number	Qty.	Description
1	431950	1	Spindle, Machined
2	431990	1	Assembly, Hub 11-1/4 BC 10 Bolt 11.25-8.7
3	114370	1	Pin, Cotter 1/4" x 2"
4	340320	1	Nut, Hex 1-1/4"-12 Slotted Flange Grade 8

HUB ASSEMBLY - 431990



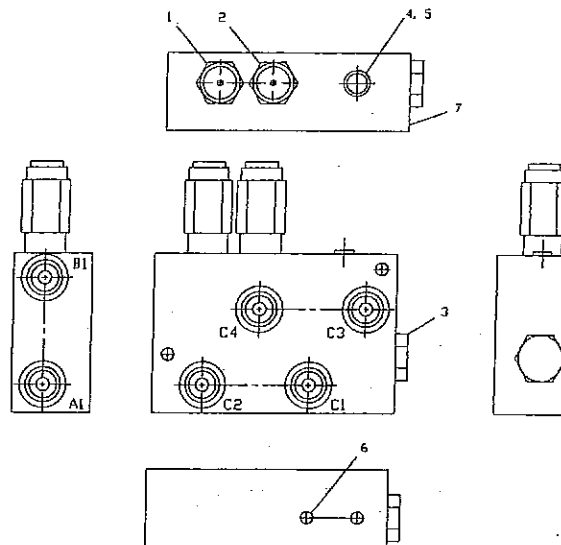
Item	Part Number	Qty.	Description
1	455680P	1	Assembly, Hub with Cups and Studs
2	455710P	1	Bearing, Cone 39585
3	G202643P	1	Bearing, Cone 460
4	455720P	1	Cap, Hub
5	455730P	1	Seal, Grease
6	455740P	10	Nut, Flange 3/4"-16 Hub
7	455700P	10	Bolt, Stud 3/4"-16
8	455750P	1	Gasket, Hub for 431990
9	455690P	1	Cup, Bearing 453A
10	V241097P	1	Cup, Bearing Output 39520

TIRE & WHEEL ASSEMBLY - 440880



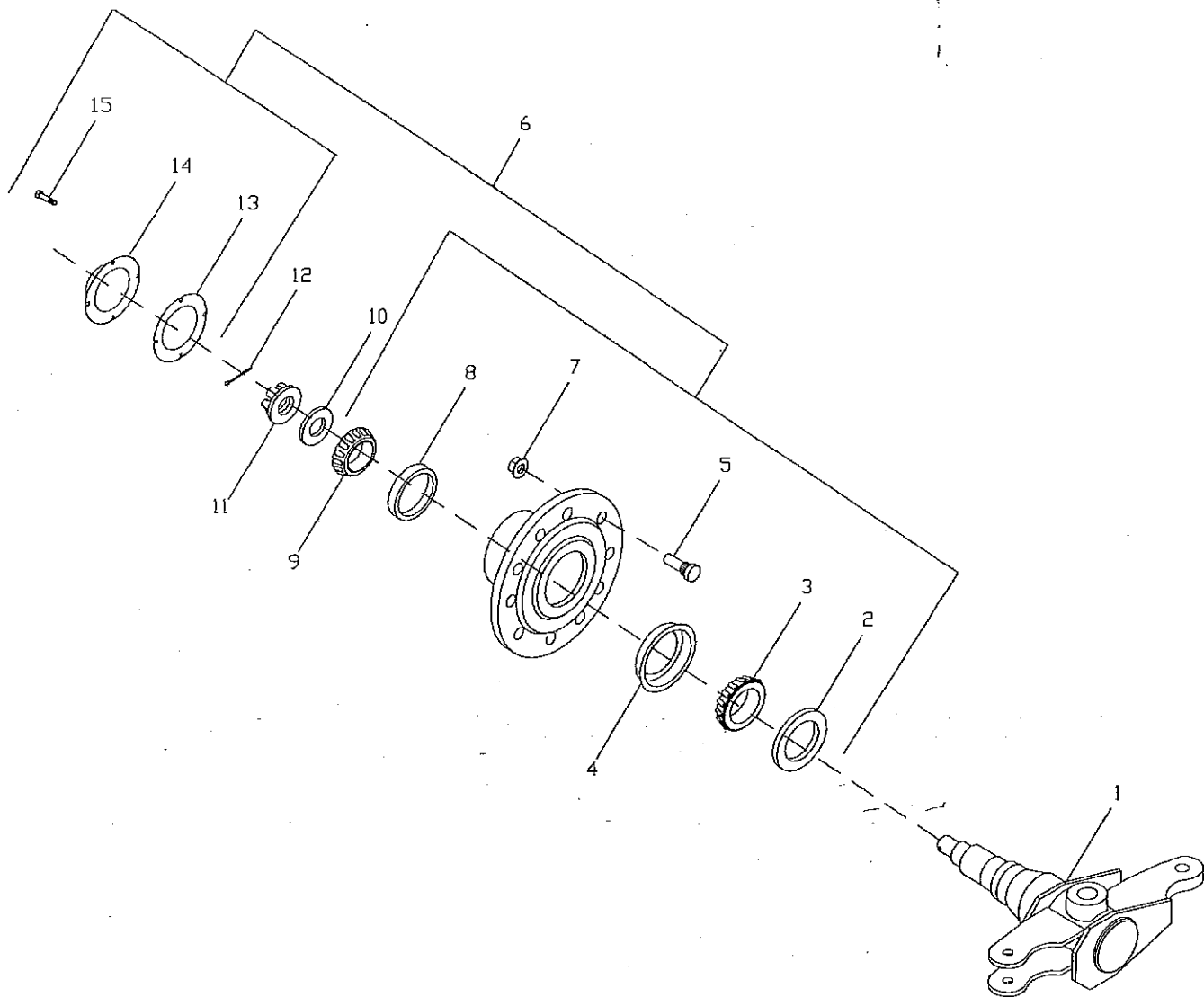
Item	Part Number	Qty.	Description
1	463790	1	Wheel, 10 Hole W18C x 16.1 (Right Hand Mounting Shown)
2	164420	1	Valve, Stem with Core and Cap
3	463630	1	Tire, 21.5L - 16.1 14 Ply Power Implement

CYLINDER FLOW DIVIDER WITH RELIEFS - 443690



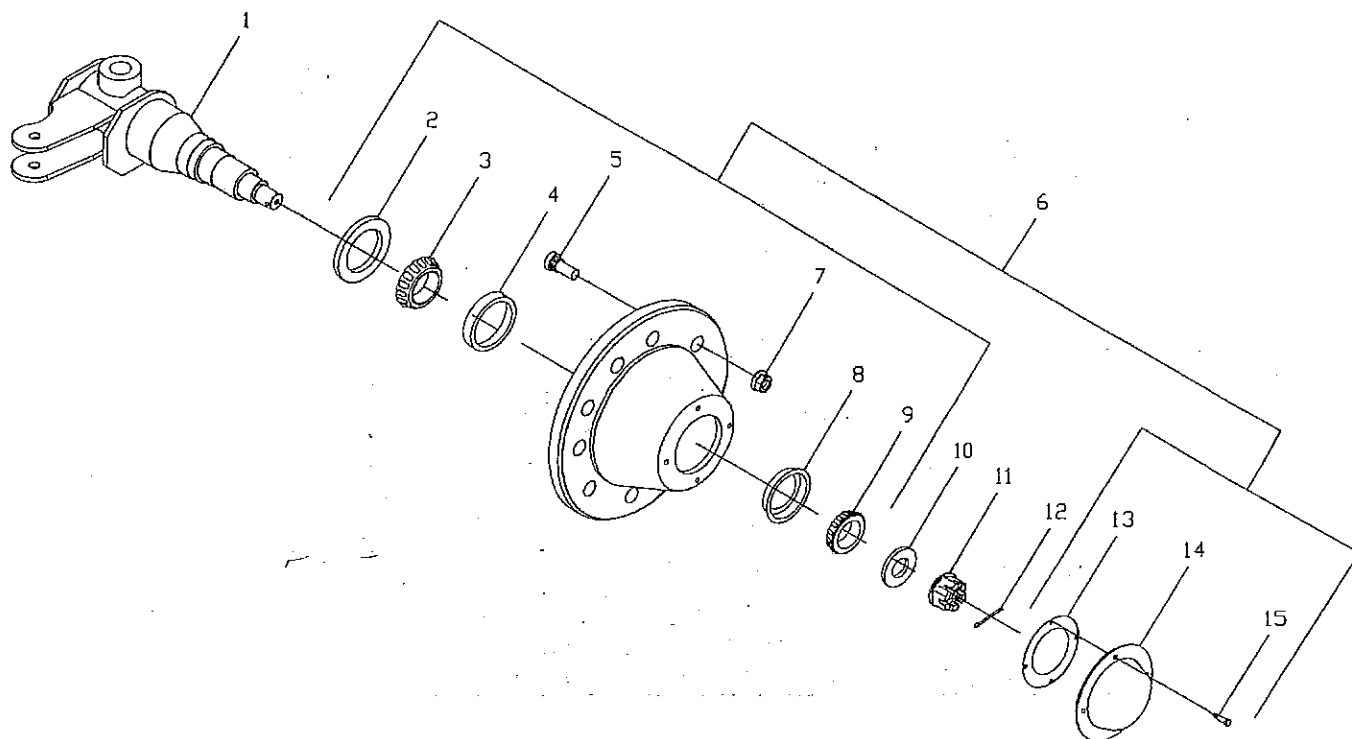
Item	Part Number	Qty.	Description
1	457660P	1	Valve, Relief
2	457650P	1	Valve, Relief
3	457630P	1	Divider, Flow
4	-	1	Plug, NPT 1/16" with 3/64" Orifice
5	-	1	O-Ring, Flsh HD Plug -4
6	-	2	Plug, Permanent 7mm
7	457640P	1	Body, Valve

HUB & SPINDLE ASSEMBLY LH, STEERABLE - 445590



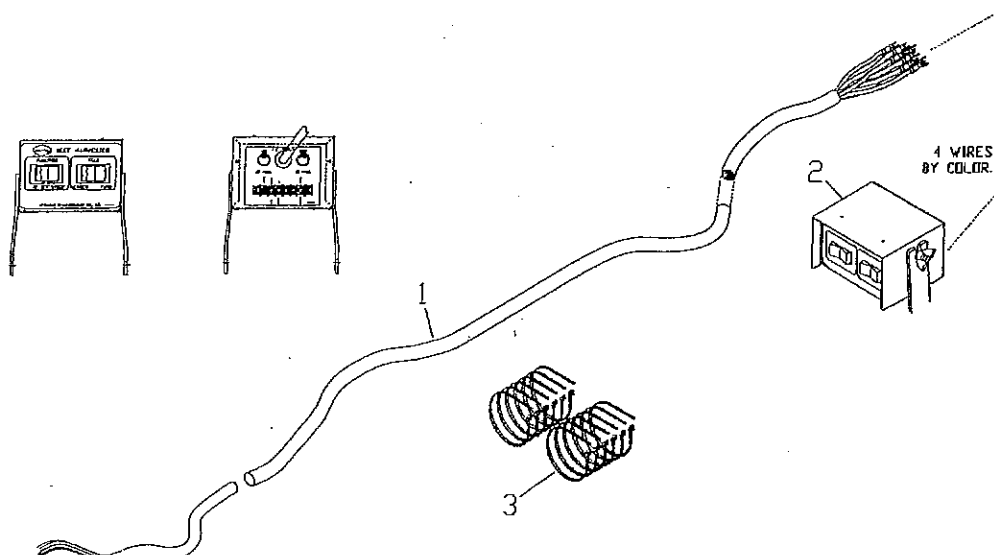
Item	Part Number	Qty.	Description
1	445570	1	Weldment, Spindle Left Hand
2	445730P 455730P	1	Seal, Grease - 3" Dia. Shaft
3	455710	1	Bearing, Cone 39585
4	V241097P	1	Bearing, Cup Output 39520
5	455700P	10	Bolt, Stud 3/4"-16
6	431990	1	Assembly, Hub
7	455740P	10	Nut, Flange 3/4"-16 Hub
8	455690P	1	Bearing, Cup 453A
9	G202643	1	Bearing, Cone 460
10	1100925	1	Washer, Flat 1-1/4"
11	340320	1	Nut, Flange
12	114370	1	Pin, Cotter 1/4" x 2"
13	455750P	1	Gasket, Hub for 431990
14	445720P	1	Cap, Hub Bolt-On
15	136470	4	Bolt, HHCS 5/16"-18
16	459330	2	Bushing, 1-3/8" x 1-1/8" x 3/4" (Not Shown)

HUB & SPINDLE ASSEMBLY RH, STEERABLE - 445600



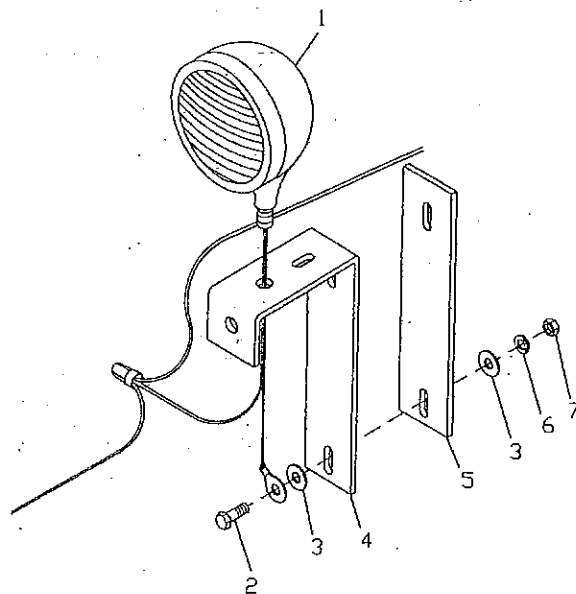
Item	Part Number	Qty.	Description
1	445560	1	Weldment, Spindle Right Hand
2	445730P 445730P	1	Seal, Grease - 3" Dia. Shaft
3	455710	1	Bearing, Cone 39585
4	V241097P	1	Bearing, Cup Output 39520
5	455700P	10	Bolt, Stud 3/4"-16
6	431990	1	Assembly, Hub
7	455740P	10	Nut, Flange 3/4"-16 Hub
8	455690P	1	Bearing, Cup 453A
9	G202643	1	Bearing, Cone 460
10	1100925	1	Washer, Flat 1-1/4"
11	340320	1	Nut, Flange
12	114370	1	Pin, Cotter 1/4" x 2"
13	455750P	1	Gasket, Hub for 431990
14	445720P	1	Cap, Hub Bolt-On
15	136470	4	Bolt, HHCS 5/16"-18
16	459330	2	Bushing, 1-3/8" x 1-1/8" x 3/4" (Not Shown)

CONTROL & WIRING, STEERABLE WHEELS - 436930



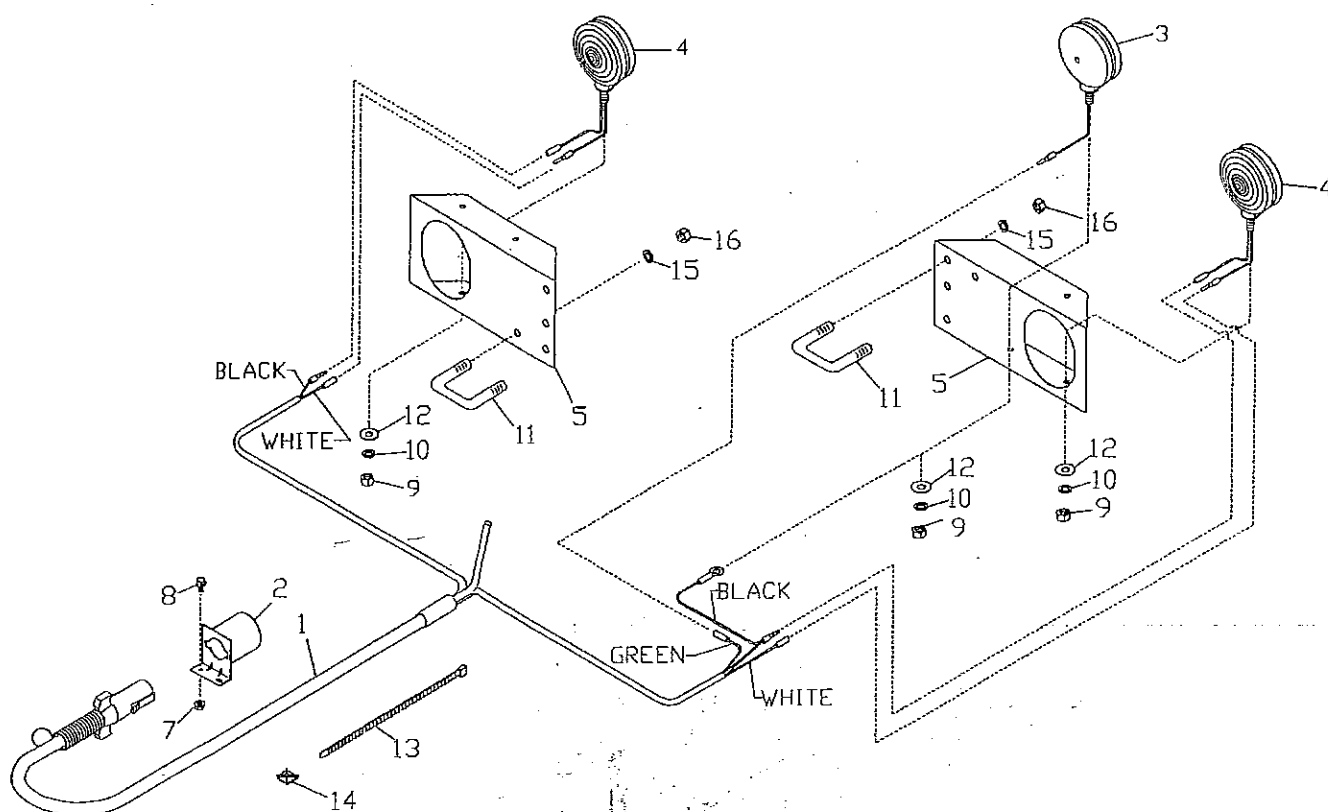
Item	Part Number	Qty.	Description
1	447400	1	Harness, Steering Control Wiring
2	447390	1	Assembly, Steering Control Box
3	149670	12	Tie, Cable 3/16" x 11"

LIGHT PACKAGE - 270310



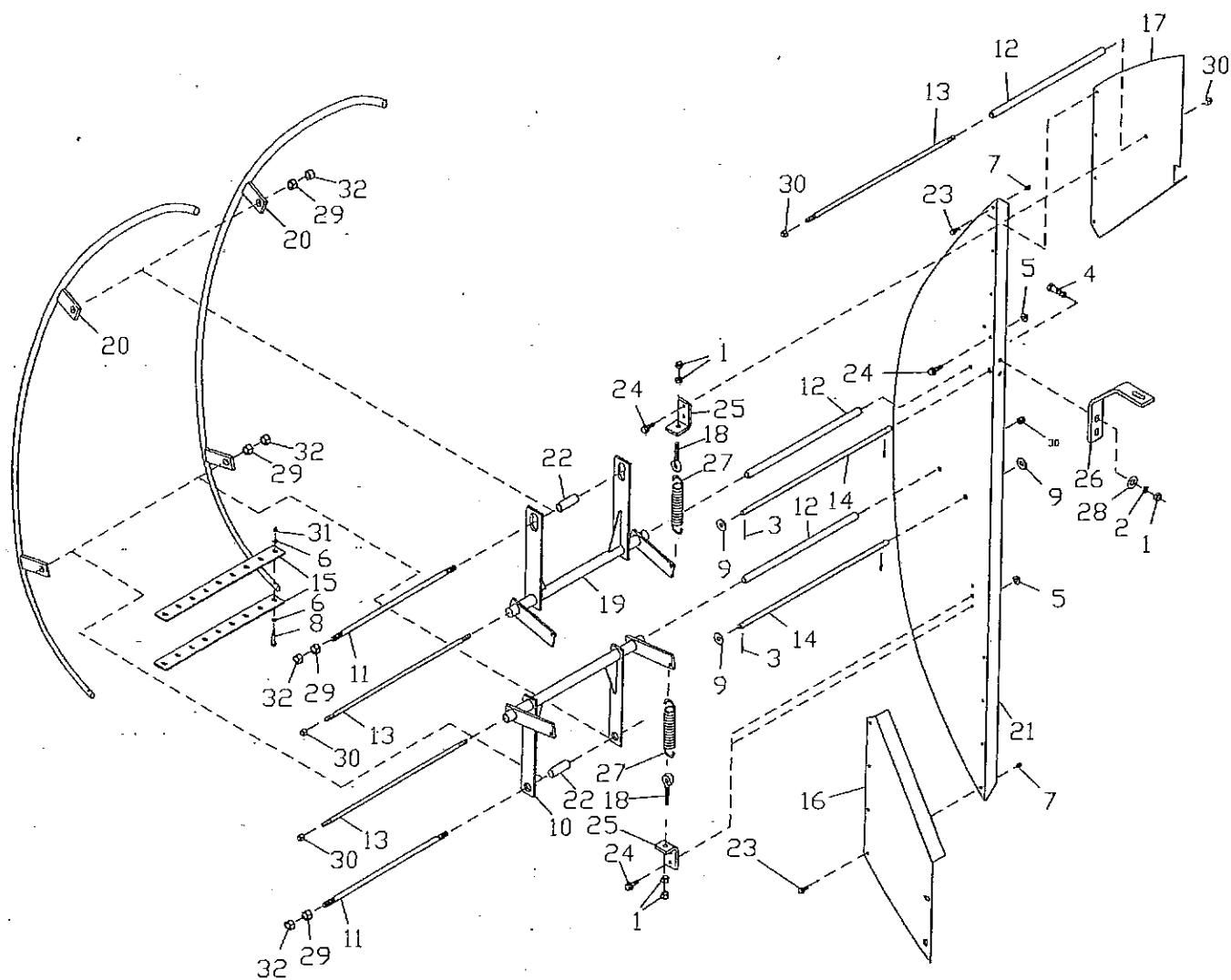
Item	Part Number	Qty.	Description
1	242110	3	Lamp, 12 volt Horizontal Mount Halogen
2	011370	-	Bolt, HHCS 3/8" x 1-1/2"
3	021190	-	Washer, Flat 3/8"
4	236250	3	Bracket, Light Mounting
5	236260	2	Bar, Light Bracket Back Up
6	021180	-	Washer, Lock 3/8"
7	027260	-	Nut, Hex 3/8"

ROAD HAZARD LIGHTS ASSEMBLY - 386270



Item	Part Number	Qty.	Description
1	386280	1	Assembly, Light Harness Harvester
2	JPT1296	1	Bracket, Storing Plug
3	350150	1	Assembly, Red Tail Light
4	350160	2	Assembly, Amber Hazard Light
5	420250	2	Bracket, Warning Lights
6	386290	1	Bag, Hardware Light Kit
7	027660	2	Nut, Hex 1/4"-20
8	J37H3	2	Screw, Hex 1/4"-20 x 5/8" Self-Tapping
9	027260	6	Nut, Hex 3/8"-16
10	021180	6	Washer, Lock 3/8" x 11/16" x 3/32"
11	290890	2	Bolt, U 1/2"-13 x 2-1/16" x 3"
12	I120394	3	Washer, Flat 13/32" x 13/16" x 3/64"
13	149670	10	Tie, Nylon Cable 3/16" x 11"
14	JAT55441	8	Mount, Cable Tie (379570)
15	005370	4	Washer, Lock 1/2"
16	005360	4	Nut, Hex 1/2"-13

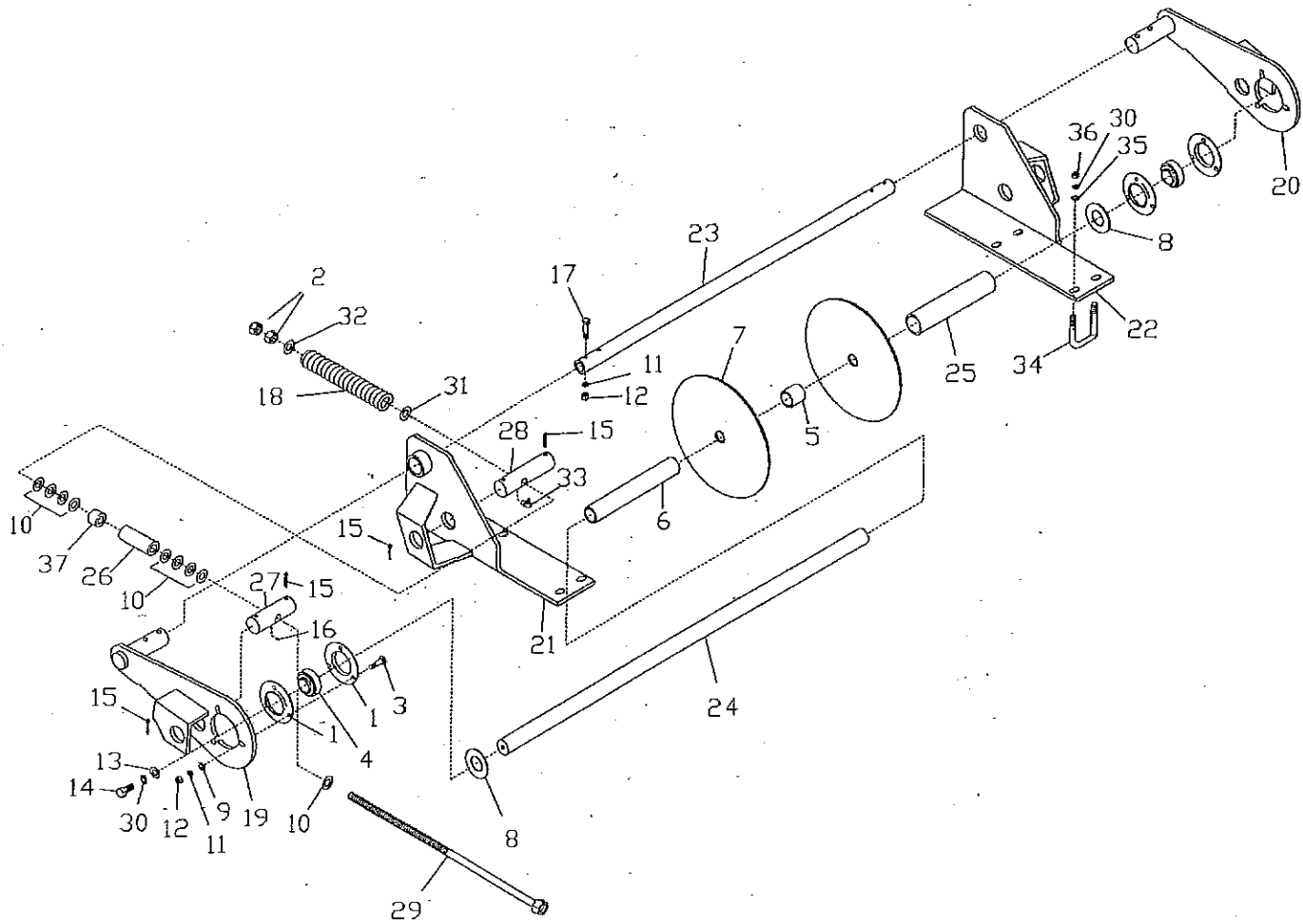
RETAINER ASSEMBLY - 433080



RETAINER ASSEMBLY - 433080

Item	Part Number	Qty.	Description
1	005360	16	Nut, Hex 1/2"-13
2	005370	8	Washer, Lock 1/2"
3	012550	4	Pin, Expansion 1/4" x 1-1/4"
4	014770	8	Bolt, HHCS 1/2"-13 x 1-1/2"
5	020180	10	Nut, Lock 3/8"-16 Hex Flange
6	021190	20	Washer, Flat 7/16" x 1" x 5/64"
7	025670	14	Nut, Lock 5/16"-18 Hex
8	029930	10	Bolt, HHCS 3/8"-16 x 2-1/4"
9	035210	4	Washer, Flat 21/32" x 1-5/16" x 3/32"
10	433070	1	Assembly, Retainer Pivot
11	433010	2	Rod, Retainer Support 5/8" x 23-5/16"
12	433050	3	Spacer, 7/8" x 9/16" x 25-1/2"
13	433040	3	Rod, Retainer Pivot 1/2" x 27-1/2"
14	433030	2	Rod, Retainer Stop 7/8" x 27-1/2"
15	433020	2	Strap, Retainer
16	433370	1	Hopper, Side Lower Right Hand
16	433380	1	Hopper, Side Lower Left Hand
17	420320	1	Weldment, Upper Retainer Side Left Hand
17	414860	1	Weldment, Upper Retainer Side Right Hand
18	290930	4	Bolt, Eye 1/2" x 3-1/2"
19	433060	1	Weldment, Upper Retainer Pivot
20	290960	10	Weldment, Retainer Rod
21	342600	1	Weldment, Retainer Side Left Hand
21	342610	1	Weldment, Retainer Side Right Hand
22	J28H2612	18	Spacer, Black Pipe 3/4" x 2" S80
23	JN10212	14	Screw, Hex 5/16"-18 x 3/4" Flange
24	JN10214	10	Screw, Hex 3/8" x 1" Flange Lock
25	JN144004	4	Bracket, Spring
26	JN144650	2	Bracket, Retainer
27	394890	4	Spring, Extension 2-13/64" OD x 10-7/16" CL
28	I120396	8	Washer, Flat 17/32" x 1-1/16" x 5/16"
29	I124589	4	Nut, Hex 5/8"-11
30	I9413967	6	Nut, Lock 1/2"-13 Hex CAD 2-way Plated
31	I9411655	10	Nut, Lock 3/8"-16 Hex
32	038850	4	Nut, Lock 5/8"-11 Hex 2-way

STRIPPER - 432550



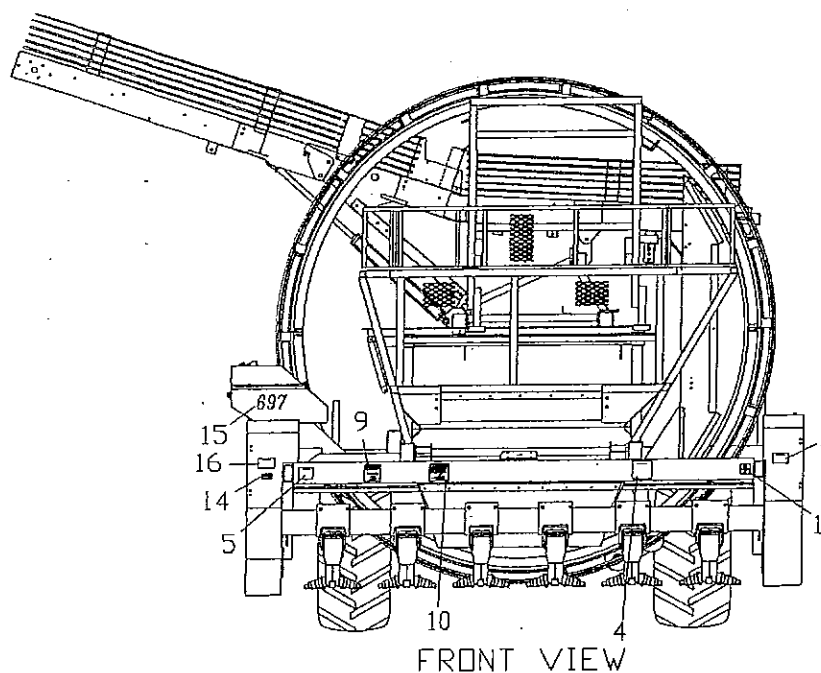
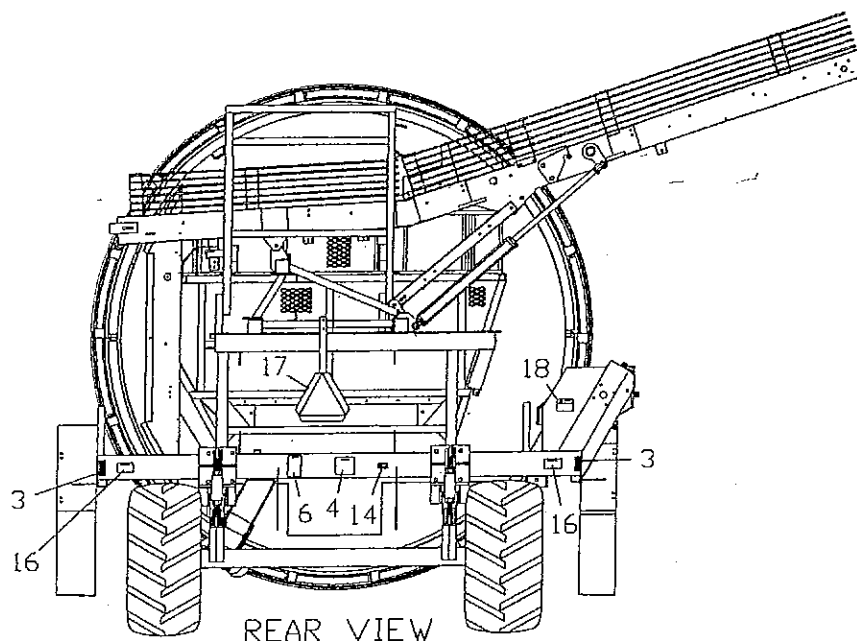
RETAINER ASSEMBLY - 433080

Item	Part Number	Qty.	Description
1	005360	16	Nut, Hex 1/2"-13
2	005370	8	Washer, Lock 1/2"
3	012550	4	Pin, Expansion 1/4" x 1-1/4"
4	014770	8	Bolt, HHCS 1/2"-13 x 1-1/2"
5	020180	10	Nut, Lock 3/8"-16 Hex Flange
6	021190	20	Washer, Flat 7/16" x 1" x 5/64"
7	025670	14	Nut, Lock 5/16"-18 Hex
8	029930	10	Bolt, HHCS 3/8"-16 x 2-1/4"
9	035210	4	Washer, Flat 21/32" x 1-5/16" x 3/32"
10	433070	1	Assembly, Retainer Pivot
11	433010	2	Rod, Retainer Support 5/8" x 23-5/16"
12	433050	3	Spacer, 7/8" x 9/16" x 25-1/2"
13	433040	3	Rod, Retainer Pivot 1/2" x 27-1/2"
14	433030	2	Rod, Retainer Stop 7/8" x 27-1/2"
15	433020	2	Strap, Retainer
16	433370	1	Hopper, Side Lower Right Hand
16	433380	1	Hopper, Side Lower Left Hand
17	420320	1	Weldment, Upper Retainer Side Left Hand
17	414860	1	Weldment, Upper Retainer Side Right Hand
18	290930	4	Bolt, Eye 1/2" x 3-1/2"
19	433060	1	Weldment, Upper Retainer Pivot
20	290960	10	Weldment, Retainer Rod
21	342600	1	Weldment, Retainer Side Left Hand
21	342610	1	Weldment, Retainer Side Right Hand
22	J28H2612	18	Spacer, Black Pipe 3/4" x 2" S80
23	JN10212	14	Screw, Hex 5/16"-18 x 3/4" Flange
24	JN10214	10	Screw, Hex 3/8" x 1" Flange Lock
25	JN144004	4	Bracket, Spring
26	JN144650	2	Bracket, Retainer
27	394890	4	Spring, Extension 2-13/64" OD x 10-7/16" CL
28	I120396	8	Washer, Flat 17/32" x 1-1/16" x 5/16"
29	I124589	4	Nut, Hex 5/8"-11
30	I9413967	6	Nut, Lock 1/2"-13 Hex CAD 2-way Plated
31	I9411655	10	Nut, Lock 3/8"-16 Hex
32	038850	4	Nut, Lock 5/8"-11 Hex 2-way

STRIPPER - 432550

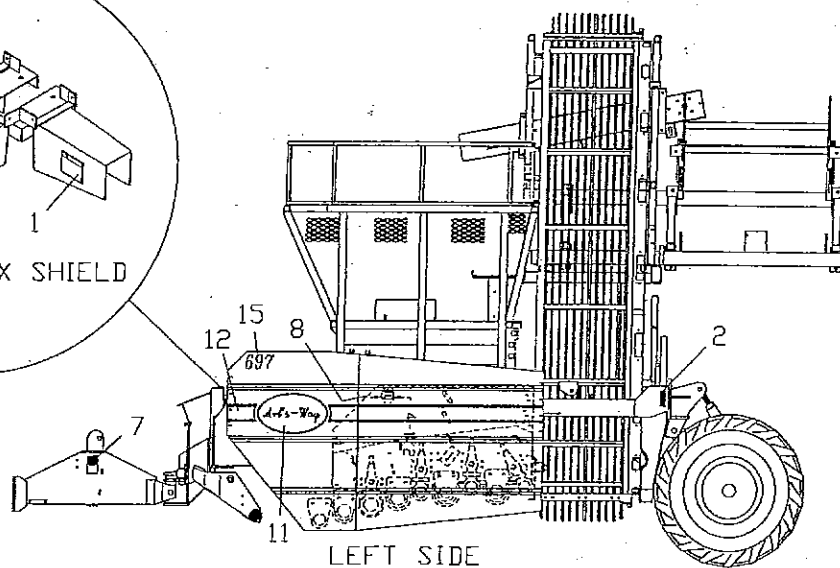
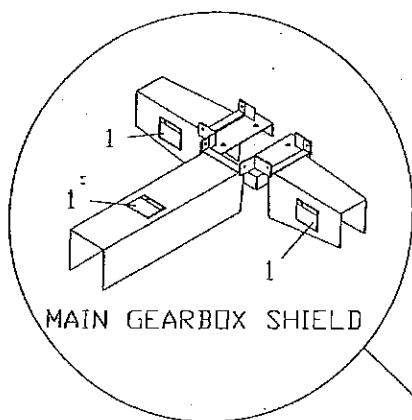
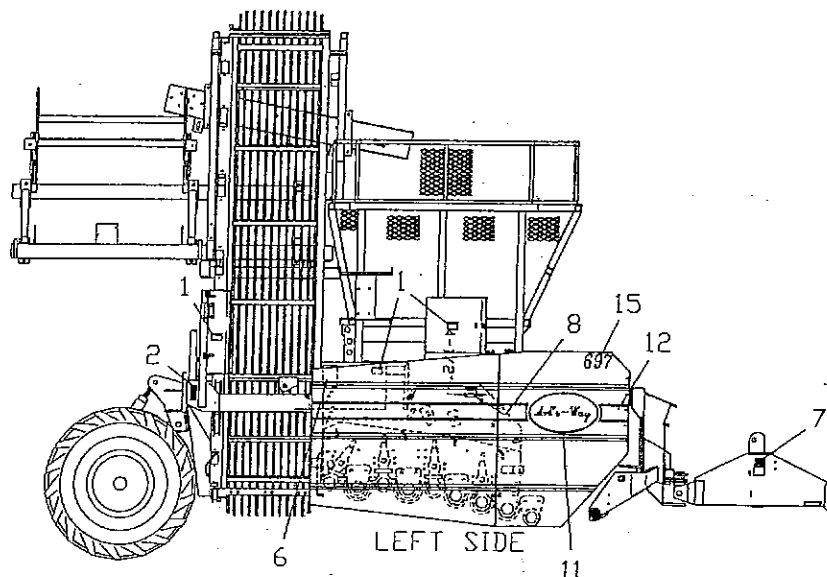
Item	Part Number	Qty.	Description
1	E281004	4	Bearing, Flange 3 Hole Round 72 mm
2	I124589	4	Nut, Hex 5/8"-11
3	J03H1558	6	Bolt, Carriage 3/8"-16 x 1-1/2"
4	JJD9275	2	Bearing, Ball 1-3/8" x 2-53/64" x 3/4"
5	432590	10	Spacer, Rotary Stripper
6	432570	1	Spacer, 1-57/64" OD x 1-33/64" ID 10-55/64"
7	JN144896	11	Disk, Rotary Stripper
8	R61502	3	Washer, Flat 1-3/8" x 3-1/4" x 11/64"
9	I120394	6	Washer, Flat 13/32" x 13/16" x 3/64"
10	020430	12	Washer, Flat 11/16" x 1-3/4" x 9/64"
11	021180	10	Washer, Lock 3/8" x 11/16" x 3/32"
12	023060	10	Nut, Lock 3/8"-16 Hex Disthreaded Grade 2
13	I486801R1	2	Washer, Flat 17/32" x 2" x 1/4"
14	010730	2	Bolt, HHCS 1/2"-13 x 1-1/4"
15	114370	8	Pin, Cotter 1/4" x 2"
16	115590	2	Zerk, 1/4"-28 Taper Self-Tapping Straight
17	037630	4	Bolt, HHCS 3/8"-16 x 2-1/2"
18	258560	2	Spring, Compression 1-5/16" x 1-7/8"
19	415140	1	Weldment, Stripper Arm Right Hand
20	415150	1	Weldment, Stripper Arm Left Hand
21	415160	1	Weldment, Stripper Mount Right Hand
22	415170	1	Weldment, Stripper Mount Left Hand
23	432560	1	Tube, Torque Stripper
24	432580	1	Axle, Disk Mount Stripper
25	433090	1	Spacer, 1-29/32" OD x 1-33/64" ID x 9-3/64"
26	415210	2	Stop, Stripper Tube
27	415220	2	Pivot, Center Arm Stripper
28	415230	2	Pivot, Center Mount Stripper
29	415240	2	Weldment, Bolt Threaded 5/8"-11 x 23" x 12"
30	005370	4	Washer, Lock 1/2"
31	I21905R1	2	Washer, Flat 21/32" x 1-3/4" x 1/4"
32	340310	2	Washer, Flat 21/32" x 2" x 1/4"
33	1100756	2	Zerk, 1/4"-28 90°
34	290890	2	Bolt, U 1/2"-13 x 2-1/16" x 3"
35	005200	4	Washer, Flat 9/16" x 1-3/8" x 7/64"
36	005360	4	Nut, Hex 1/2"-13
37	459310	2	Stop, Stripper Tube

DECALS & PAINT



Item	Part Number	Qty.	Description
1	148190	6	Decal, Caution Shield for Protection
2	227420	2	Reflector, Amber 4-5/16" x 1-11/16"
3	227430	2	Reflector, Red 4-5/16" x 1-11/16"
4	234340	2	Decal, Caution 8 Instructions
5	234350	1	Decal, Danger Check Electrical Clearance
6	234360	2	Decal, Danger Rotating Rolls
7	268860	2	Decal, Danger Rotating Drive Line
8	289500	2	Decal, Idler Spring 4-1/2"
9	345410	1	Decal, Important Level Harvester
10	345420	1	Decal, Rowfinder Instructions

DECALS & PAINT



Item	Part Number	Qty.	Description
11	355450	2	Decal, Art's-Way Logo 20" Gold Metallic
12	355460	14	Decal, Stripe Gold Metallic (ft)
13	355500	1	Tag, Serial Number Finished
14	402250	2	Decal, Patent Pending
15	441530	3	Decal, Model 697
16	E224072	4	Decal, Warning Do Not Stand or Ride
17	E224138	1	Decal, Slow Moving Vehicle
18	E224071	1	Decal, Caution Shield
19	022010	-	Paint, Art's-Way Green - 1 Gallon Can
20	043120	-	Paint, Art's-Way Green - 16 oz. Spray Can

SPECIFICATIONS

GENERAL DESCRIPTION

Model

4 or 6 Row Rear Elevator Wheel, Tank Type Harvester.

Overall Dimensions

Transport: 13'8"H x 14'5"W x 23'5"L.
Operating: 14'4"H x 14'5"W x 23'5"L.
Machine Weight: 19,800 lbs. (approx.)
Tread Width: Adjustable to factory set row spacing.

Row Spacing

4 Rows: 28" or 30".
6 Rows: 22" or 24".
Operating Speed: 3.5 to 4.0 mph.
Lift and
Depth Control*: Hydraulic.
Steering Hitch
Control:** Hydraulic.

**Requires 5" x 8" remote cylinder.*

***Requires 4" x 8" remote hydraulic cylinder.*

Rear Wheels

Wide Tread Fixed or Steerable (optional) with heavy duty single axle.

Tires

Traction: 21.5L-16.1 12 Ply Power Implement wide floatation.
Operating pressure: 32 psi.

Lifter Wheels

(2 per row) 28" solid rim heavy duty cast steel.
(Optional) protected with rock cushions.

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 #80H roller chain with heavy duty slip clutch.

Center Gearbox

Type: Heavy, 1-3/4" diameter shafts.
Capacity: 5 quarts 90W gear oil.

Cleaning Bed and Drive

Size: 59 sq. ft. - Total roll bed area.
20 sq. ft. - Conveying rolls consisting of front smooth and first two spiral rolls.
39 sq. ft. - Grab rolls consisting of six rear rolls and two diverter rolls.

Type: Three 6-5/8" diameter spiraled grab rolls.

Two 5-1/2" diameter spiraled conveyor rolls.

Two spiraled diverter rolls at the rear of the cleaning bed.

Three 5" diameter smooth grab rolls.

One 5" diameter smooth conveyor roll.

Drive: Belt drive with spring loaded idlers. Split into two drives. Spiraled rolls driven from left hand side. Smooth rolls driven from right hand side.

Truck to Tank Loading Elevator

Size: Width, 40" 56 mm pitch belted chain.

Type: Electro-hydraulic valve and hydraulic motor driven belted chain, reversible for tank or truck loading, hydraulic fold down for transport.

Tank

Construction: Welded steel.

Capacity: 8,000 lbs.

Unloading: Two 30" wide, 5/8" dia. rods, hooked on draper chain.

PTO Drive

Type: Constant Velocity (CV) - allows turning without disengaging.

Operating Speed: 1000 rpm.

PTO Driveline 1-3/8" or 1-3/4" (Do not use adapter shaft).

TRACTOR REQUIREMENTS

Power Requirements

160 PTO hp Recommended (min.)

Remote Cylinders

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

Hydraulics Requirements

Tractors 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.

PTO Shaft

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

Front Ballast

Maximum tractor front ballast is required.

Electrical System

12-Volt.

INDEX

Part Number	Item	Page	Part Number	Item	Page	Part Number	Item	Page	Part Number	Item	Page
003350	12	17	005370	11	3	013600	9	14	021180	30	11
003350	30	55	005370	11	51	014770	4	63	021180	30	13
003370	15	21	005370	14	7	014770	13	31	021180	31	27
003460	25	3	005370	14	31	014770	17	23	021180	34	21
003950	7	55	005370	14	46	014770	19	45	021180	37	25
003950	8	53	005370	15	61	014770	44	19	021180	49	23
003950	17	41	005370	17	21	020180	5	63	021190	3	60
003950	33	9	005370	18	11	020180	10	31	021190	4	11
003950	36	23	005370	18	13	020180	60	9	021190	4	13
005200	8	46	005370	18	49	020190	8	52	021190	4	33
005200	15	31	005370	25	23	020430	9	34	021190	6	63
005200	28	43	005370	27	43	020430	10	65	021190	8	45
005200	29	21	005370	30	65	020430	13	18	021190	18	46
005200	35	65	005370	32	29	020430	26	43	021190	24	29
005200	61	19	005370	62	19	020440	2	18	021190	29	41
005200	64	9	006670	10	37	020440	4	43	021190	30	27
005360	1	63	006670	10	39	020440	5	17	021190	33	21
005360	3	8	006690	20	43	020440	6	41	021190	36	25
005360	3	17	006690	41	41	020440	6	49	021190	41	37
005360	6	34	006690	47	23	020440	8	34	021190	50	23
005360	7	45	009800	30	49	020440	12	29	021190	61	9
005360	8	37	009800	51	9	020440	12	37	021530	1	25
005360	8	39	010730	10	51	020440	12	39	021530	3	27
005360	10	27	010730	14	65	020440	14	51	021530	6	17
005360	10	30	010730	17	49	020440	16	3	021530	22	1
005360	12	3	010730	19	34	020440	16	25	021530	26	29
005360	12	51	010730	30	29	020440	18	21	022010	19	67
005360	13	7	011370	2	60	020440	21	27	022420	1	8
005360	14	25	011370	3	30	020440	25	33	022420	30	33
005360	16	21	011370	16	46	020440	47	9	022520	19	21
005360	16	31	011370	42	41	020650	17	7	022910	52	9
005360	16	61	012140	26	33	020720	16	7	022920	57	19
005360	17	11	012260	11	37	020880	9	25	023060	12	65
005360	17	13	012260	11	39	020880	25	27	023090	27	9
005360	19	49	012260	14	14	021180	5	33	023110	3	18
005360	21	43	012260	17	29	021180	6	60	023110	32	41
005360	24	23	012260	17	46	021180	7	41	023260	44	55
005360	31	29	012260	28	27	021180	8	8	023620	31	49
005360	36	65	012260	28	49	021180	10	45	023620	58	19
005360	63	19	012260	32	33	021180	10	61	023620	62	9
005370	2	8	012260	34	25	021180	11	43	023630	32	49
005370	2	63	012270	29	27	021180	11	65	023630	59	19
005370	4	17	012270	35	25	021180	13	14	023630	63	9
005370	5	34	012420	46	23	021180	13	37	023950	6	3
005370	6	45	012550	3	63	021180	13	39	023950	45	19
005370	9	30	012560	1	52	021180	13	46	025390	8	30
005370	9	37	013170	15	7	021180	25	29	025670	7	63
005370	9	39	013510	14	18	021180	29	49	025670	27	33

INDEX

Part Number	Item	Page	Part Number	Item	Page	Part Number	Item	Page	Part Number	Item	Page
027260	2	29	036730	16	51	136470	15	59	236260	5	60
027260	6	33	036800	6	22	143710	2	34	236400	8	18
027260	7	60	036800	10	11	143710	7	46	236490	13	23
027260	9	8	036800	10	13	148190	1	66	238420	1	21
027260	9	45	036800	13	49	149670	3	60	238420	7	3
027260	9	61	036800	16	18	149670	4	47	238430	33	19
027260	10	46	036800	18	51	149670	13	61	238430	41	21
027260	12	43	036800	19	53	156850	8	17	239040	11	25
027260	28	41	036800	20	3	156850	17	37	239040	14	27
027260	31	11	036800	68	9	156850	17	39	239080	34	19
027260	31	13	037550	8	33	160350	23	43	239080	47	21
027260	35	21	037550	10	29	163770	18	37	240550	17	18
027260	40	25	037630	17	65	163770	18	39	242110	1	60
027260	40	37	038560	18	7	164420	2	57	243040	16	37
027260	48	23	038850	32	63	166250	57	9	243040	16	39
027660	7	61	040900	28	19	166290	41	55	246120	22	3
027660	45	55	040900	43	21	166290	58	9	246120	67	9
028330	9	41	042110	29	19	170530	3	33	252020	29	55
028330	15	37	042110	42	21	170530	5	41	252820	27	7
028330	15	43	043120	20	67	170530	18	45	254060	9	52
028330	27	27	047000	9	29	170530	32	21	254320	11	49
029930	8	63	049180	20	55	182230	11	1	254320	19	51
030030	56	19	049180	21	21	182890	20	1	256240	3	51
030380	15	18	049180	22	9	182900	12	1	258560	18	65
030380	20	21	051670	13	33	184960	6	14	259510	6	8
030380	50	21	056720	15	29	188650	18	29	259560	12	8
030420	24	11	073630	5	30	188650	19	37	259590	31	9
031490	8	43	073630	7	17	188650	19	39	259600	59	9
031490	27	25	073630	16	8	201660	38	19	259620	5	8
031580	24	13	111090	16	37	201660	46	21	260660	2	30
032370	5	55	111090	16	39	205650	7	33	261640	4	14
035180	7	8	114370	3	56	205650	8	29	263160	3	14
035180	9	11	114370	12	58	223540	9	33	263170	2	14
035180	9	13	114370	12	59	225040	32	19	264710	9	22
035180	10	33	114370	15	65	225040	44	21	264730	27	23
035180	16	29	115590	3	4	227420	2	66	264740	28	23
035180	39	37	115590	16	65	227430	3	66	264760	29	23
035210	4	18	115590	21	7	231000	12	25	264770	18	23
035210	5	43	115590	33	27	231000	12	27	264780	30	23
035210	6	25	115590	38	25	231060	4	25	264780	45	25
035210	7	29	120970	12	17	231060	16	27	264800	19	23
035210	8	41	120970	24	18	231950	3	3	265780	24	21
035210	9	63	120970	28	3	231950	9	17	265820	19	18
035210	14	37	124340	22	21	234340	4	66	265830	37	21
035210	14	39	124340	33	43	234350	5	66	267430	5	14
035210	17	27	127890	12	11	234360	6	66	267710	21	11
035210	26	23	127890	12	13	235110	23	18	268240	5	4
036730	12	49	136470	15	58	236250	4	60	268560	2	25

INDEX

Part Number	Item	Page	Part Number	Item	Page	Part Number	Item	Page	Part Number	Item	Page
268560	32	27	342600	21	63	355500	13	67	403450	65	9
268570	22	11	342610	21	63	357840	3	1	403470	66	9
268570	22	13	343250	53	9	357850	4	1	403860	17	53
268590	21	29	343280	16	41	357880	13	1	403860	32	11
268610	19	29	343280	18	43	357890	14	1	403860	32	13
268730	1	31	343280	23	37	364490	2	15	404420	28	37
268860	7	66	343280	23	39	364510	9	15	404420	28	39
268860	8	1	343370	42	55	364520	10	15	404450	23	41
269320	6	30	343960	24	37	364530	19	15	404450	33	37
271170	22	37	343960	24	39	364550	20	15	404460	30	37
271170	22	39	343980	25	37	364560	22	15	404460	30	39
272080	38	23	343980	25	39	364730	9	16	404930	15	17
274410	25	51	343990	23	29	364790	1	16	406360	11	31
274450	35	55	344250	20	23	364820	7	16	407500	29	51
277340	39	55	344270	12	41	364830	8	16	411260	36	19
277780	26	51	344270	32	23	364840	12	16	411260	45	21
286490	23	3	344280	13	41	364850	13	16	411410	37	19
286580	10	17	344280	33	23	364860	14	16	411410	39	21
287080	5	27	344310	21	23	364870	16	16	413050	44	41
287450	4	1	344310	44	25	365410	11	15	413970	16	43
287460	3	1	344430	19	11	365410	12	15	413980	17	43
287490	13	1	344430	19	13	365410	13	15	414860	17	63
287500	14	1	344630	34	23	365410	14	15	415140	19	65
287620	9	27	345410	9	66	365410	15	15	415150	20	65
287630	8	27	345420	10	66	365410	16	15	415160	21	65
287630	24	25	345830	1	1	365410	17	15	415170	22	65
289500	8	66	345840	1	1	365470	10	16	415210	26	65
289570	32	43	345850	2	1	365480	11	16	415220	27	65
290120	25	7	345870	5	1	365490	15	16	415230	28	65
290890	11	61	345910	10	1	365490	25	15	415240	29	65
290890	31	43	345950	15	1	375070	27	3	420250	5	61
290890	34	65	345960	16	1	377890	3	15	420320	17	63
290890	64	19	345980	6	1	377900	4	15	422110	11	27
290930	18	63	346340	32	25	377910	5	15	422110	13	25
290960	20	63	346830	28	25	377920	8	15	422770	1	33
340140	17	1	346950	2	35	377940	21	15	422780	2	33
340180	9	1	347540	12	31	377950	23	15	424300	1	4
340190	19	1	349250	18	1	377960	24	15	424320	5	4
340200		1	350150	3	61	377970	26	15	425490	26	7
340210		1	350160	4	61	384840	3	51	425500	23	7
340300	24	11	351440	2	45	386280	1	61	425550	3	7
340310	25	43	354190	7	1	386290	6	61	426360	25	41
340310	31	23	354220	48	19	394890	27	63	426360	37	37
340310	32	65	354230	49	19	394890	42	25	426370	26	41
340320	4	56	354240	50	19	395840	1	29	426370	38	37
340320	8	14	354250	51	19	396120	6	18	426780	5	18
340320	11	58	355450	11	67	401180	28	51	430260	8	55
340320	11	59	355460	12	67	402250	14	67	430260	14	53

INDEX

Part Number	Item	Page	Part Number	Item	Page	Part Number	Item	Page	Part Number	Item	Page
431200	28	21	433280	15	41	436450	16	45	440030	36	41
431230	5	29	433290	10	43	436610	4	46	440050	37	41
431250	4	29	433320	14	43	436730	11	45	440090	38	41
431590	3	11	433370	16	63	436740	12	45	440190	30	51
431590	3	13	433380	16	63	436750	13	45	440210	5	25
431740	13	3	433440	10	41	436790	15	46	440310	11	22
431750	3	52	433450	11	41	436800	15	11	440440	16	49
431860	2	52	433500	1	51	436800	15	13	440860	14	45
431930	11	17	433630	35	41	436850	1	55	440870	1	53
431950	1	56	433640	33	41	436850	10	53	440870	12	55
431960	14	3	433700	7	52	436890	2	46	440880	13	55
431970	28	7	433700	51	21	437090	15	3	440880	21	53
431980	4	4	433730	3	29	437100	10	3	441310	39	23
431990	2	56	433740	22	41	437110	4	51	441320	40	23
431990	6	58	433750	32	37	437110	15	49	441460	16	34
431990	6	59	433760	20	29	437120	6	51	441470	42	23
432180	53	23	433770	29	37	437120	9	49	441480	43	23
432190	54	23	433770	29	39	437260	47	19	441490	11	33
432200	51	23	433910	55	19	437280	28	11	441520	1	45
432520	15	53	433960	27	37	437280	28	13	441530	15	67
432530	9	53	433970	19	41	437290	29	11	441550	3	45
432540	16	53	433980	27	39	437290	29	13	441560	2	22
432560	23	65	433990	29	25	437300	25	11	441610	1	22
432570	6	65	434010	5	51	437300	25	13	441720	1	43
432580	24	65	434010	10	49	437330	2	55	441740	15	27
432590	5	65	434020	2	51	437330	11	53	441750	19	33
432680	10	22	434120	3	47	437340	3	55	441780	18	33
432690	41	19	434140	1	47	437340	12	53	441830	12	33
432700	5	3	434150	5	46	437450	19	43	442180	19	25
432920	18	3	434160	33	29	437460	2	43	442190	3	25
433010	11	63	434250	2	47	437500	1	49	442200	1	27
433020	15	63	434290	4	30	437500	9	51	442210	22	29
433030	14	63	434490	8	25	438850	-	52	442250	2	35
433040	13	63	434560	46	19	438960	29	43	442260	3	35
433050	12	63	434600	20	33	438980	9	43	442270	6	27
433060	19	63	434610	21	33	439070	24	7	442280	21	25
433070	10	63	434660	22	33	439080	21	3	442290	1	35
433090	25	65	434670	23	33	439100	1	3	442290	1	35
433110	8	11	434970	7	30	439630	3	46	442390	55	23
433110	8	13	435090	14	29	439640	6	46	442430	20	27
433140	5	11	435420	44	23	439740	6	31	442560	26	25
433150	6	11	435430	45	23	439760	7	51	442570	24	27
433160	35	19	435550	17	33	439760	8	49	442640	16	17
433180	21	18	435560	16	33	439850	13	43	442650	31	21
433190	13	17	436080	1	46	439860	30	41	442660	25	21
433200	14	17	436420	15	45	439870	34	41	442670	30	21
433230	-	31	436430	2	49	439890	39	41	442680	3	22
433240	7	31	436430	8	51	439920	40	41	442750	31	33

INDEX

Part Number	Item	Page	Part Number	Item	Page	Part Number	Item	Page	Part Number	Item	Page
442790	2	53	446490	18	18	459990	60	23	990840	37	23
442820	3	49	446550	3	35	460000	59	23	990850	18	34
442820	13	51	446560	18	25	460290	6	21	990860	25	19
442840	17	45	447080	4	35	460740	20	18	990870	21	1
442870	19	46	447080	33	25	460930	63	23	990870	36	55
442880	20	46	447160	4	8	462100	39	25	990940	14	55
442890	21	46	447170	27	55	462150	28	29	990990	7	11
442900	22	46	447210	33	55	462400	42	19	991040	1	7
442930	23	46	447310	40	55	463300	41	25	991050	19	7
443010	20	45	447320	34	55	463340	27	11	991060	2	4
443020	21	45	447330	37	55	463340	27	13	991100	49	9
443030	22	45	447340	38	55	463350	23	11	991150	19	17
443040	23	45	447390	2	60	463350	23	13	991200	27	21
443050	52	19	447400	1	60	463370	26	11	1030808	48	9
443060	54	19	455420	46	55	463370	26	13	1070015	60	19
443110	53	19	455510	20	34	463630	3	57	1100238	16	11
443170	28	33	455540	29	3	463660	14	33	1100238	16	13
443560	29	33	455710	3	58	463670	41	23	1100756	20	7
443680	22	49	455710	3	59	463790	1	57	1100756	33	65
443690	23	49	456120	47	41	962090	22	23	1100807	43	55
443700	24	49	456130	46	41	962350	15	14	1100925	10	58
443710	25	49	456140	48	41	963130	17	17	1100925	10	59
443720	26	49	456440	31	25	990510	4	4	1107389	3	4
443730	45	41	456510	17	25	990560	15	23	1107389	14	41
443740	27	49	456920	43	25	990560	24	51	1110440	13	11
443940	1	34	458530	11	11	990570	7	13	1110440	13	13
443960	3	34	458530	11	13	990570	16	23	1121555	6	52
444280	17	34	458860	1	14	990600	15	25	1121555	30	19
444290	12	34	458900	52	23	990600	18	17	1121555	49	21
444320	11	34	458950	34	11	990610	5	49	1769804	4	22
444340	4	34	459050	58	23	990610	21	34	1769804	23	51
444350	14	34	459060	61	23	990610	22	51	1770500	31	19
444360	15	34	459070	62	23	990610	24	43	1770500	36	21
445520	25	55	459080	57	23	990620	10	34	1770500	50	9
445560	1	59	459230	27	29	990620	31	41	1770608	26	21
445570	1	58	459240	29	29	990650	19	27	1774107	23	21
445590	31	55	459300	71	19	990650	24	34	430600P	-	37
445600	32	55	459310	37	65	990670	30	43	430600P	-	41
445610	26	55	459330	16	58	990680	4	53	445720P	14	58
445680	33	55	459330	16	59	990680	18	41	445720P	14	59
445690	4	55	459340	24	55	990680	20	39	445730p	2	58
446020	56	23	459360	47	55	990710	7	22	445730P	2	59
446280	65	19	459370	23	55	990720	3	31	455490P	-	37
446290	68	19	459750	15	33	990720	21	13	455490P	-	41
446300	70	19	459760	22	34	990720	33	11	455500P	-	37
446320	66	19	459770	23	34	990720	35	23	455500P	-	41
446330	69	19	459870	18	55	990820	13	8	455680P	1	56
446360	67	19	459880	15	55	990840	24	13	455690P	8	58

INDEX

Part Number	Item	Page	Part Number	Item	Page	Part Number	Item	Page	Part Number	Item	Page
455690P	8	59	E224071	18	67	E740218	25	25	I271729	35	37
455690P	9	56	E224072	16	67	E740265	22	18	I441452R1	9	3
455700P	5	58	E224138	17	67	E823023	2	17	I486801R1	2	11
455700P	5	59	E281004	1	65	E829036	7	14	I486801R1	10	25
455700P	7	56	E366013	6	29	E829100	19	55	I486801R1	13	27
455710P	2	56	E366013	9	18	E829100	48	55	I486801R1	13	65
455720P	4	56	E388049	46	25	G202643	9	58	I608700R1	32	9
455730P	5	56	E552017	26	3	G202643	9	59	I9411655	31	63
455740P	6	56	E552019	9	46	G202643P	3	56	I9413967	30	63
455740P	7	58	E552023	22	55	G210042	2	35	I9413967	38	21
455740P	7	59	E552044	4	3	G210042	3	35	I9413967	40	19
455750P	8	56	E552044	23	1	I120394	9	65	I9413967	43	19
455750P	13	58	E552046	3	53	I120394	12	61	J03H1558	3	65
455750P	13	59	E552072	2	7	I120394	22	43	J03H1558	12	46
456460P	2	5	E552084	5	53	I120394	26	9	J03H1558	24	45
457630P	3	57	E552084	10	55	I120396	28	63	J03H1558	27	41
457640P	7	57	E552084	29	7	I124589	1	18	J03H1858	10	18
457650P	2	57	E580041	21	55	I124589	2	65	J03H1858	12	21
457660P	1	57	E580042	4	7	I124589	3	21	J11H230	54	9
457670P	6	47	E580042	7	53	I124589	3	41	J14H794	1	11
457680P	4	47	E580042	11	55	I124589	3	43	J14H794	1	13
457690P	2	47	E580053	6	7	I124589	6	37	J14H794	5	22
457700P	5	47	E580053	17	8	I124589	6	39	J14H794	12	18
457710P	3	47	E580057	2	4	I124589	7	34	J14H794	13	21
457720P	8	47	E580086	7	7	I124589	7	49	J14H794	14	49
457730P	1	47	E580109	8	7	I124589	11	29	J14H794	17	51
460330P	7	47	E580182	6	55	I124589	12	30	J14H794	19	3
460340P	9	47	E580182	13	53	I124589	15	51	J14H794	20	53
460350P	10	47	E586014	9	7	I124589	17	3	J14H794	69	9
463120P	1	5	E642027	1	35	I124589	22	27	J14H805	21	41
472630P	1	5	E672055	24	33	I124589	23	23	J14H805	22	7
E072103	1	30	E672103	10	7	I124589	29	63	J19H2969	5	52
E072103	1	37	E672139	2	37	I124589	30	25	J23096	40	9
E072103	1	39	E672139	2	39	I124589	42	9	J24H1367	43	9
E072358	7	18	E672313	20	11	I124829	4	21	J24H1373	14	21
E072431	14	23	E672313	20	13	I124829	25	9	J24H1373	38	9
E072470	13	34	E672446	4	37	I1271729	32	39	J24H1401	14	11
E072489	1	17	E672446	4	39	I131017	6	13	J24H1401	14	13
E072489	2	21	E675354	20	41	I131017	11	18	J24H1401	18	53
E126008	22	25	E706093	4	27	I189304	2	3	J28H2612	22	63
E126034	1	4	E706098	18	27	I20601R1	8	3	J34H288	18	8
E126095	2	27	E706099	23	27	I21905R1	31	65	J37H3	8	61
E126195	26	27	E724252	2	41	I22266R1	19	9	JAN10393253		9
E126197	4	49	E724252	5	37	I23041R1	24	9	JAN14000653		9
E126197	20	51	E724252	5	39	I25547R1	27	19	JAN14214835		9
E126201	26	19	E724252	34	43	I25547R1	48	21	JAN14214921		9
E126201	40	21	E740215	7	27	I271729	7	25	JAN142300	5	21
E174044	28	55	E740215	23	25	I271729	24	41	JAN142341	7	21

INDEX

Part Number	Item	Page	Part Number	Item	Page	Part Number	Item	Page	Part Number	Item	Page
JAN142665	-	31	JN144650	26	63	JN146992	24	3	R66168	11	30
JAN71922	53	9	JN144757	5	31	JN147036	39	9	R66338	2	31
JAN71924	28	9	JN144798	4	41	JN147174	41	9	V061805	11	46
JAT30144	23	9	JN144798	7	39	JN147175	36	9	V061921	17	55
JAT55441	14	61	JN144798	7	43	JN147291	10	21	V061944	16	55
JCJ21FN	15	8	JN144799	6	43	JN147304	13	29	V062140	20	49
JJD7798	12	14	JN144807	10	52	JN70509	10	14	V062140	21	51
JJD8813	20	9	JN144839	8	31	JN7205DN	11	21	V063596	6	53
JJD9275	4	65	JN144896	7	65	JN72550	11	14	V063596	9	55
JK40015	37	9	JN145108	4	52	JN73390	55	9	V063596	11	7
JL1713C	30	9	JN145970	44	9	JN73401	14	8	V063768	5	7
JN10212	23	63	JN145971	10	8	JN73405	56	9	V241097P	4	58
JN10214	9	31	JN145972	29	9	JPT1296	2	61	V241097P	4	59
JN10214	24	63	JN145977	34	9	P98458	43	41	V241097P	10	56
JN109877	8	21	JN145980	46	9	R37960	20	25	V612024	27	51
JN12358	-	31	JN145981	45	9	R39520	8	22			
JN144004	25	63	JN145982	11	8	R61502	8	65			
JN144623	4	31	JN146355	9	21	R66168	1	41			

NOTES