



Beet Harvester

Model 692B

2000 with Folding Elevator

Parts Manual

490480
0700

Art's-Way Manufacturing Co., Inc.

TO THE OWNER

Congratulations on the purchase of your new Art's-Way Sugar Beet 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.

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

Even if you are an experienced operator of this or similar equipment, we ask you to *read this Manual before running this 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 Mfg. Co. 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 products in accordance with all 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 7 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.

Limitations of this Manual

This Manual contains operating instructions for your Sugar Beet Harvester only. It does not replace the Manual(s) for any machine that it may be attached to or used with.

PARTS & SERVICE

As the new purchaser of your Beet 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 grinder 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.: _____

Building on a

Art's-Way

Tradition of Quality

SERIAL NO.

MODEL NO.

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

Machine Serial Number Location

(The Serial Number is located on the left front corner of the main frame.)

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

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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.

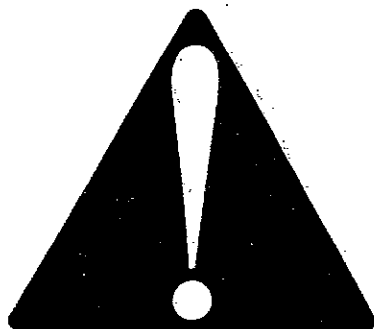
SAFETY FIRST

“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.



THIS SYMBOL MEANS ATTENTION!

BECOME ALERT!

YOUR SAFETY IS INVOLVED!

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. This Art's-Way Sugar Beet 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 Art's-Way Sugar Beet Harvester are detailed elsewhere in the Operator's Manual. It is the responsibility of the harvester owner to ensure that *all* operators read and understand the Manual before they are allowed to operate the machine. (*Occupational Safety and Health Administration (OSHA) regulation 1928.57.*)

Notices of Danger, Warning and Caution

Signal Words: Note the use of the signal words **DANGER**, **WARNING**, and **CAUTION** on the Harvester and in this Manual. The appropriate signal word for each has been selected using the following guidelines:



DANGER: Indicates an imminently hazardous situation that, if not avoided, *will* result in death or serious injury. This signal word is limited to the most extreme situations for machine components which for functional purposes cannot be guarded.



WARNING: Indicates a potentially hazardous situation that, if not avoided, *could* result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.



CAUTION: Indicates a potentially hazardous situation that, if not avoided, *may* result in minor or moderate injury. It may also be used to alert against unsafe practices.



SAFETY GUIDELINES



Remember:

The Best Operator is a Safe Operator.



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.
- Lower the lifter wheels when the harvester is not in use.
- 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 the unit is adequately supported with safety blocks or safety stands when changing tires or working on it.



CAUTION: Keep well clear of moving parts. Be sure to shut off the tractor, set the parking brake, put the machine in neutral, and remove the tractor key while making adjustments. Wait for all movement to stop before approaching the machine.

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
- Stay away from overhead power lines. Electrocution can occur even without direct contact.
- Keep all hydraulic lines, fittings, and couplers tight and free of leaks. (See the **Hydraulic Safety** section, below.)
- Be careful when ascending or descending on the harvester, wet shoes or boots are slippery.

Maintenance Safety

- Follow all operating, maintenance and safety instructions found in this Manual and Operator's Manual.
- Before servicing, adjusting, repairing or unplugging the machine, always ensure that the tractor engine is stopped, the machine is lowered to the ground, all controls are placed in neutral, the parking brake is set and all the moving parts have stopped.
- 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 the good shop practices of keeping the service area clean and dry and use adequate light for the job at hand.
- Before applying pressure to the hydraulic system, make sure all lines, fittings and couplers are tight and in good condition (see hydraulic safety section below).
- Make sure all shields/guards are in place and properly secured when maintenance work is complete.

Hydraulic Safety

- Make sure components in the hydraulic system are kept clean and in good condition.
- Relieve pressure from the hydraulic circuit before servicing or disconnecting from the tractor.
- Keep all hydraulic lines, fittings and couplers tight and free of leaks.
- Replace any worn, cut, abraded, flattened or crimped hoses.

SAFETY GUIDELINES

- *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.
- 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.
- *Do not* fail to latch the tractor brake pedals together.
- *Do not* exceed 20 mph (32 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.
- The weight of the trailed machine should **NEVER** exceed the weight of the towing vehicle.
- Check clearances carefully whenever the machine is towed.
- Lower the elevator into the transport position before transporting the harvester on the highway.
- Stay away from overhead or side obstructions and power lines during transport. Electrocution can occur even without direct contact.

Storage Safety

- Store the harvester in an area away from human activity.
- *Do not* permit children to play on or around the stored machine.
- Ensure that the harvester is stored in an area with a firm and level base to prevent the machine from tipping or sinking into the ground.
- Block the wheels to prevent the machine from rolling.

Tire Safety

- Have a qualified tire dealer or repair service perform tire repairs.
- *Do not* attempt to install a tire on a wheel or rim unless you have the proper equipment and experience to do the job.
- Follow proper procedures when installing a tire on a wheel or 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 installing a tire on a wheel or rim can produce an explosion which may result in serious injury or death. Do not attempt to install 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.

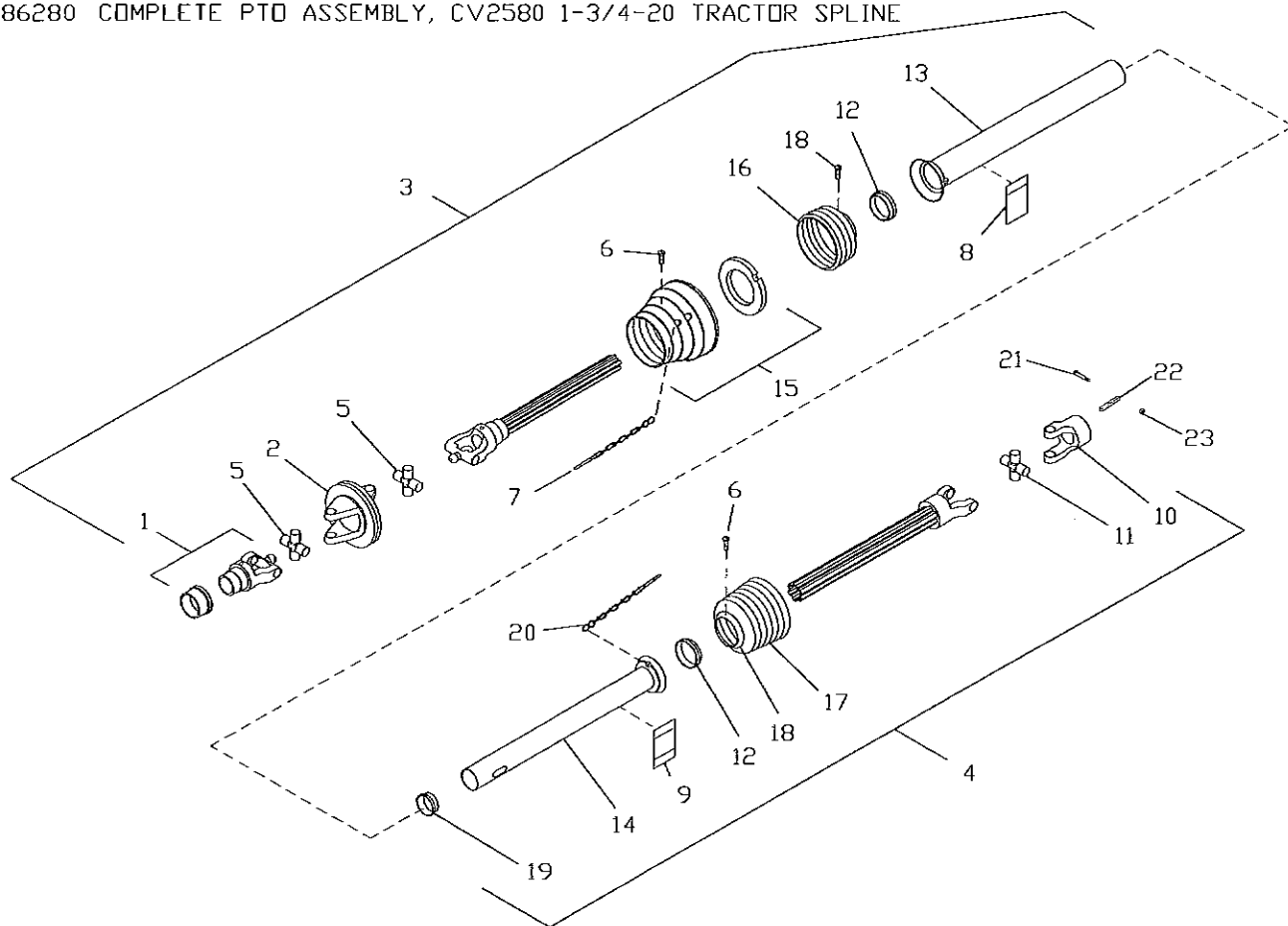
Assembly Safety

- 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.

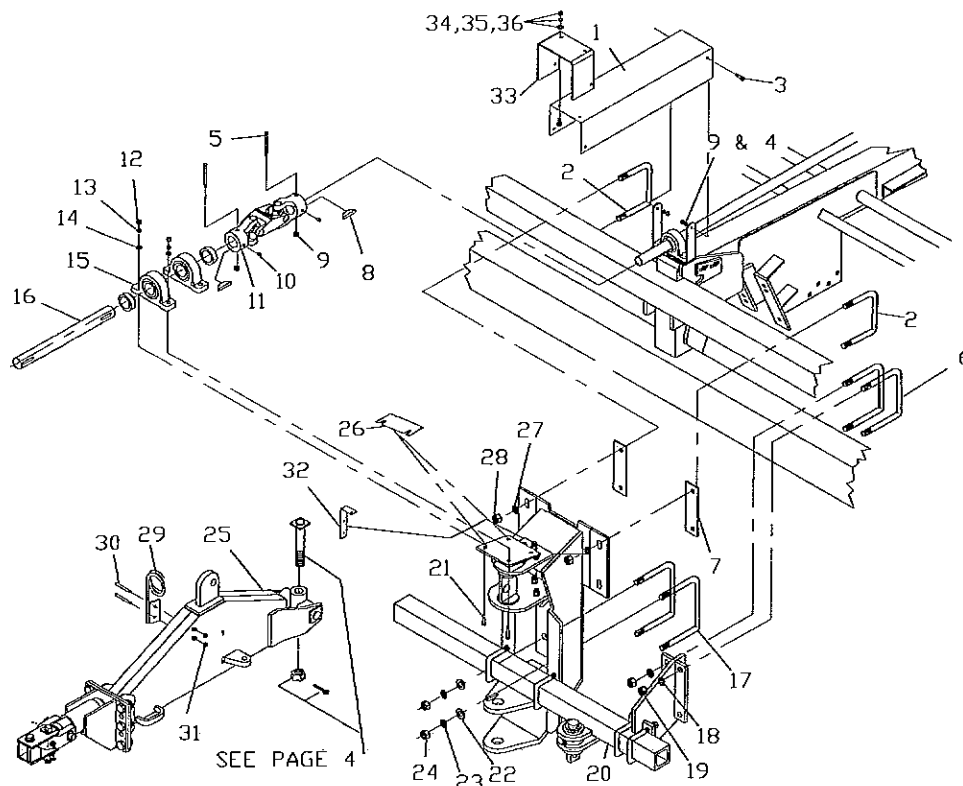
PTD ASSEMBLY, CONTANT VELOCITY- WALTERSCHEID (M356840)

356840 COMPLETE PTD ASSEMBLY, CV2580 1-3/8-21 TRACTOR SPLINE
286280 COMPLETE PTD ASSEMBLY, CV2580 1-3/4-20 TRACTOR SPLINE



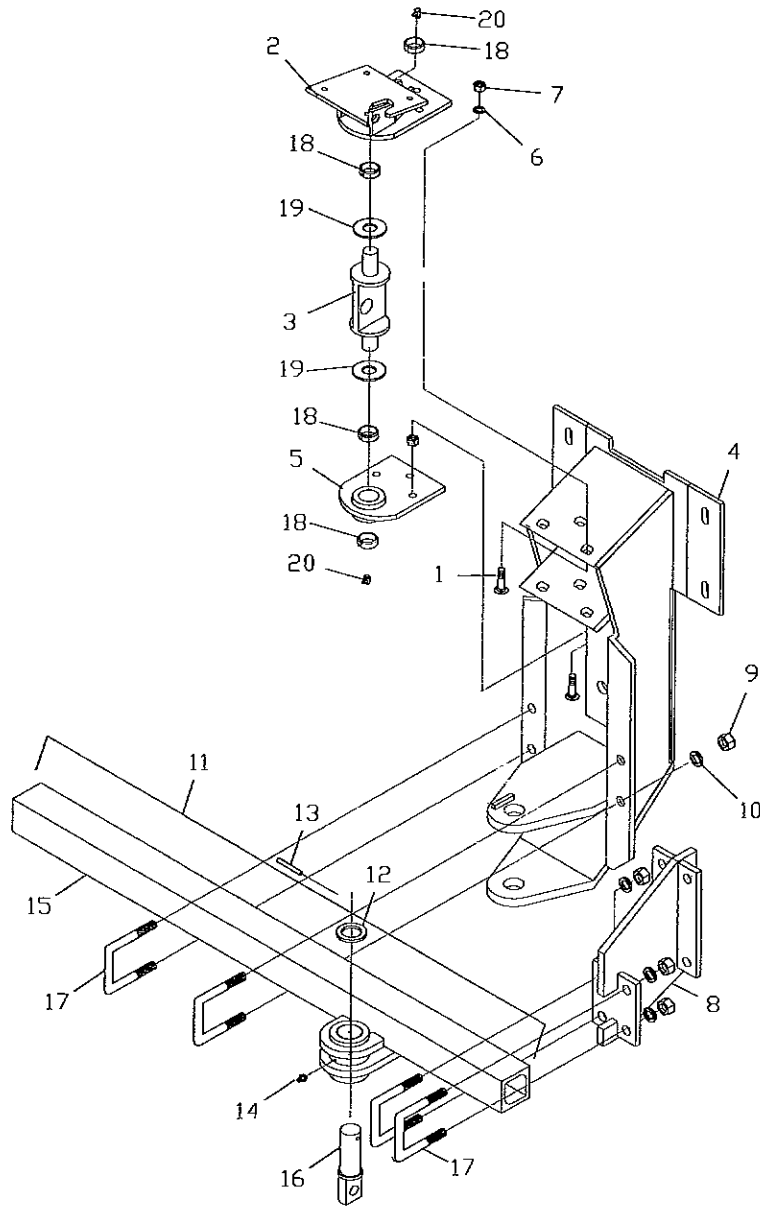
ITEM	PART NUMBER	QTY	DESCRIPTION
1	345830	1	YOKE, 1-3/8-21 SPLINE
	340210	1	COLLAR KIT, 1-3/8-21 (IN ITEM #1)
1	354840	1	YOKE 1-3/4-20 SPLINE
	340200	1	COLLAR KIT 1-3/4-20 (IN ITEM 1)
2	345850	1	DOUBLE YOKE
3	357840	1	TRACTOR HALF, PTD 1-3/8-21 YOKE
3	287460	1	TRACTOR HALF, PTD 1-3/4-20 YOKE
4	357850	1	IMPLEMENT HALF, PTD FOR 1-3/8-21
4	287450	1	IMPLEMENT HALF, PTD FOR 1-3/4-20
5	345870	2	KIT, CROSS AND BEARING CV
6	345980	8	SCREW, SHIELD (IN ITEMS 15,16,17)
7	354190	1	CHAIN, SAFETY 600mm
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 2"
22	021530	1	KEY, SQUARE 3/8 x 2"
23	E552044	1	NUT, LOCK 3/8-16 HEX TOP GRADE A

692B & 9420B HITCH (m692-hitch-parts)



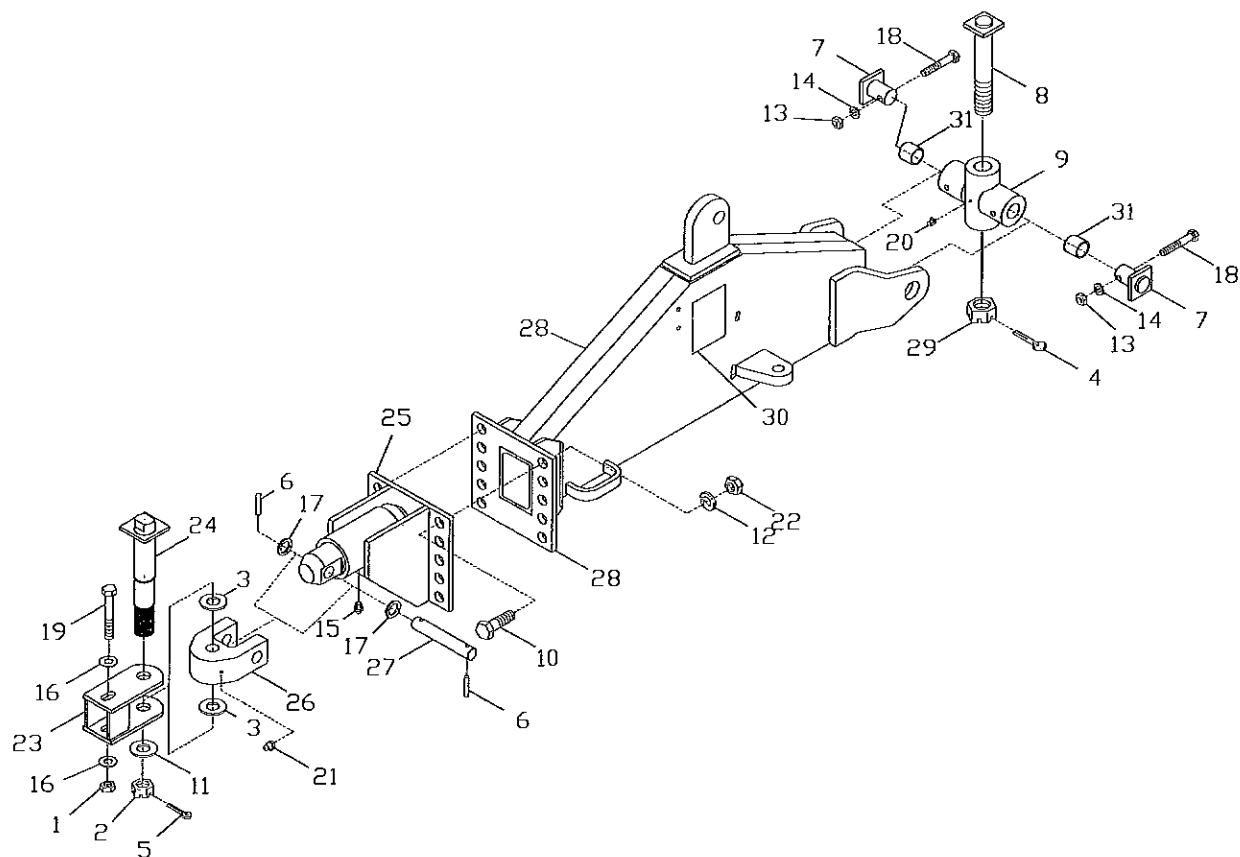
ITEM	PART NUMBER	QTY	DESCRIPTION
1	477460	1	SHIELD, JACKSHAFT FRONT
2	442820	2	BOLT, U 5/8 x 4.06 x 5.5
3	012260	2	BOLT, HHCS 3/8-16 x 1"
4	021190	4	WASHER, FLAT 3/8
5	1189304	3	BOLT, HHCS 3/8 x 3-1/4
6	375070	2	BOLT, U 3/4-10 x 6-3/4 x 7-1/16
7	490630	2	STRAP, SHIM
8	231950	3	KEY, WOODRUFF 3/8 x 2-3/4
9	E552044	3	NUT, LOCK 3/8-16 GrA ZN HEX TOP
10	120970	2	SET SCREW, 3/8 NYLOCK
11	496490	1	U-JOINT, DOUBLE YOKE 1.75 DIA
12	005360	4	NUT, HEX 1/2-13 Gr5 ZN
13	005370	4	WASHER, LOCK 1/2 ZN
14	120601R1	4	WASHER, FLAT 17/32 x 1-1/4
15	238420	2	BEARING, PB 1-3/4
16	477470	1	SHAFT, 1-3/4 x 14.13
17	460510	2	BOLT, U 1-8 ROLLED THREAD
18	036800	4	WASHER, LOCK 3/4
19	J14H794	4	NUT, 3/4-10
20	478690	1	HITCH ASSY, SUPPORT BOLT-ON (SEE PAGE 3)
21	023950	4	BOLT, HHCS 1/2-13 x 2 Gr5 ZN
22	1107389	4	WASHER, FLAT 1" SAE
23	003350	4	WASHER, LOCK 1"
24	J14H805	4	NUT, HEX 1-8 Gr5 ZN
25	432800	1	TONGUE ASSY (SEE PAGE 4)
26	148339R2	3	SHIM, BEARING
27	020430	4	WASHER, FLAT, 5/8"
28	038850	4	NUT, LOCK, 5/8"-16
29	E150004	2	HOSE CARRIER
30	031020	2	BOLT, HHCS 3/8-16 x 5-1/2
31	E552044	2	NUT, LOCK 3/8-16 HEX
32	490620	1	BRACKET, VALVE MOUNT
33	496630	2	FLAP, PTO
34	005900	4	HHCS 5/16-18 x 1
35	023630	4	NUT, HEX 5/16-18
36	023620	4	WASHER, LOCK 5/16
36	022920	8	WASHER, FLAT 5/16

HITCH SUPPORT (M478690)



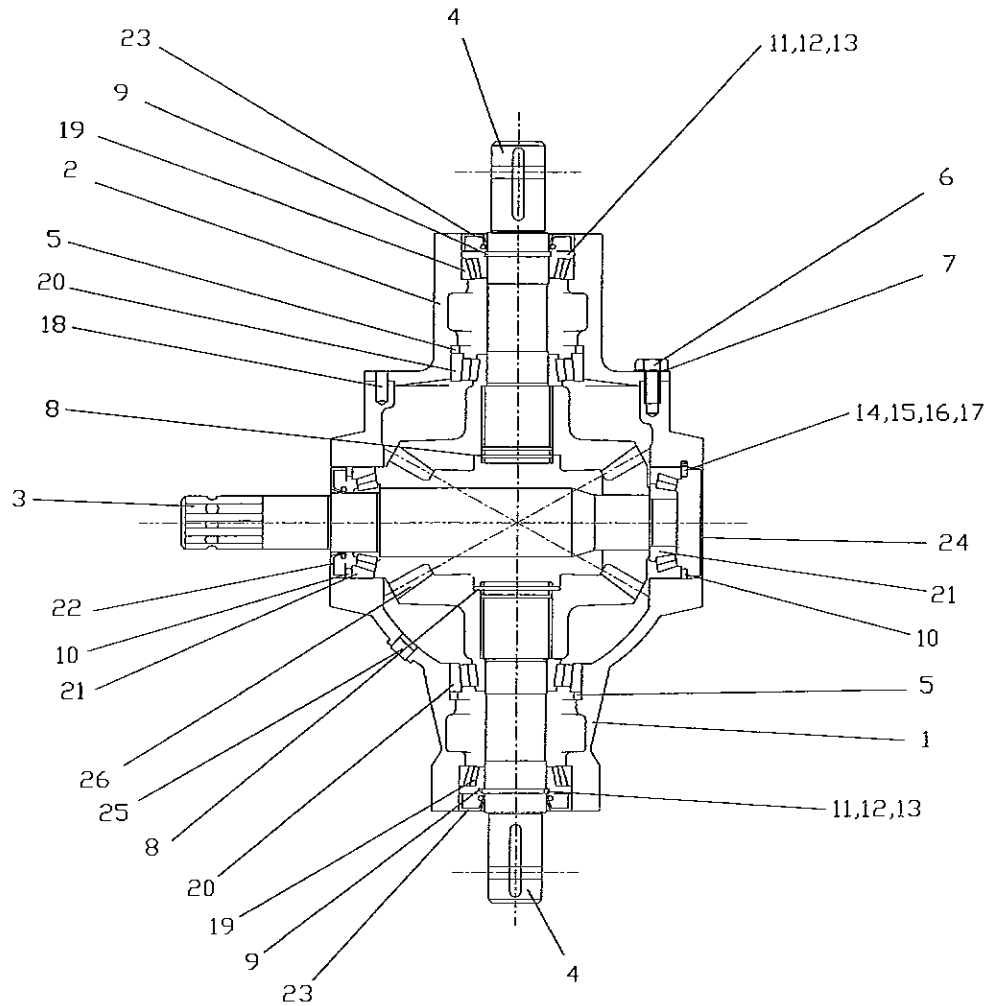
ITEM	PART NUMBER	QTY	DESCRIPTION
1	I441452R1	6	BOLT, SNCB 5/8 X 2
2	496180	1	PLATE WLDT, UPPER 690B
3	286310	1	PIN, CYLINDER DOUBLE
4	474980	1	HITCH WLDT, BOLT-ON
5	493350	1	PLATE WLDT, LOWER
6	020440	6	WASHER, LK-5/8
7	I124589	6	NUT, HEX 5/8-11 GR5
8	432920	1	BRACE WLDT, OUTER
9	J14H794	8	NUT, HEX 3/4-10 GR5 ZN
10	036800	8	WASHER,LK-3/4 SAE,MED ZN
11	439080	1	TUBE ASSY, ROWFINDER
12	E126034	1	BUSHING, 1.88 X 2.8 X .134
13	E580057	1	PIN, ROLL 3/8 X 2.5
14	I15590	1	ZERK, 1/4-28 TAPPER, SELF TAP
15	431980	1	TUBE WLDT,ROW FINDER
16	268240	1	PIN, ROW FINDER CYLINDER
17	246120	4	BOLT,U 3/4-10X3x4.5,GR5 ZN
18	490390	4	SLEEVE, 1.88 OD x 1.4 ID x .75
19	V063596	3	WASHER
20	I100756	2	ZERK, 90°

TONGUE ASSEMBLY (M432800)



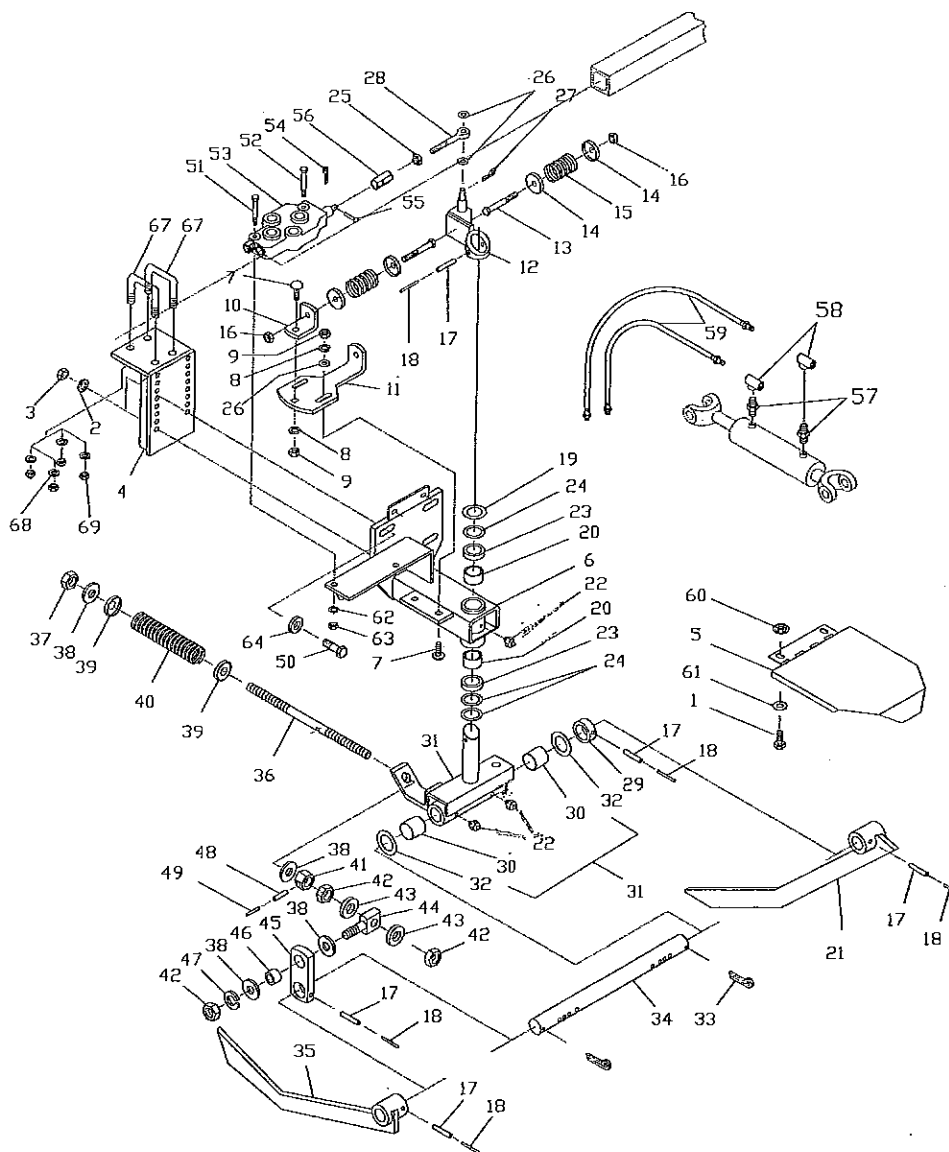
ITEM	PART NUMBER	QTY	DESCRIPTION
1	991040	1	NUT, 3/4-10 HEX LK
2	E552072	1	NUT, 1-3/8-6 SLOT HEX GR8
3	425550	2	WASHER, HARDENED 1.56
4	E580042	1	PIN, 3/16x3 COTTER
5	V063768	1	PIN, 1/4x3 COTTER
6	E580053	2	PIN, 5/16x1-3/4 ROLL
7	474530	2	PIN, WELDMENT - SIDE
8	E580109	1	PIN, WELD
9	E586014	1	PIVOT WELD
10	E672103	6	BOLT, 1-8x2-1/2 HEX
11	V063596	4	WASHER, 1-5/8x3x.165
12	003350	6	WASHER, 1" LOCK
13	005360	2	NUT, 1/2-13 HEX
14	005370	2	WASHER, 1/2 LOCK
15	013170	1	ZERK, 1/8-27 NPT
16	020720	2	WASHER, .812x1.72x.179
17	020650	2	WASHER, 1.14 IDx1.63 OD
18	038560	2	BOLT, 1/2-13x4.0 HHCS
19	991050	1	BOLT, 3/4-10x8.5 HHCS
20	1100756	1	ZERK, 1/4-28 90 LINCOLN #5410
21	115590	1	ZERK, 1/4-28 TAPER
22	J14H805	6	NUT, 1-8 HEX
23	425500	1	CLEVIS WLDT, DRAWBAR
24	439070	1	PIN WLDT, HITCH-1-3/8x6x9
25	290120	1	HITCH WELDMENT, FRONT
26	425490	1	CLEVIS, HITCH 1.5" BOLT
27	252820	1	PIN, HITCH
28	431970	1	TONGUE WELDMENT
29	E552084	1	NUT, SLOTTED 1-1/2-6
30	268860	2	DECAL, DANGER RTATNG DRV
31	490390	2	BUSHING, SPLIT, 1.50x1.88x.75

GEARBOX, MAIN 1.93:1, 2150 (M286580)



ITEM	PART NUMBER	QTY	DESCRIPTION
1	-	1	HOUSING, 2150
2	364490	1	END CAP HOUSING, S2150
3	377890	1	SHAFT, S2150*-21
4	377900	2	SHAFT, S2150 1.75" DIA.
5	377910	2	SPACER, 96x110x4.75
6	-	8	BOLT, HHCS 3/8-16 UNC
7	-	8	WASHER, LOCK 3/8
8	377920	2	SNAP RING, EXT. E60 DIN471
9	364510	2	SNAP RING, EXT. E50 DIN471
10	364520	2	SNAP RING, INT. I90 DIN472
11	365410	1	SPACER, 50.2x59.8x0.3
12		1	SPACER, 50.2x59.8x0.5
13		1	SPACER, 50.2x59.8x0.2
14		1	SPACER, 80.2x89.8x0.2
15		1	SPACER, 80.2x89.8x0.3
16		1	SPACER, 80.2x89.8x0.4
17		1	SPACER, 80.2x89.8x0.5
18	-	2	DPWEL PIN
19	364530	2	T.R.BEARING30210,50x90x21.75
20	364550	2	TRBEARING30310,50x110x29.25
21	377940	2	TRBEARING30308,40x90x25.25
22	364560	2	DBL LIP OIL SEAL, 50x90x10
23	377950	1	DBL LIP OIL SEAL, 40x90x10
24	377960	1	OIL SEAL CAP, 90x10
25	365490	3	PLUG, 3/8" BST(GAS) DIN906
26	377970	1	GEAR SET, R=0.52

HYDRAULIC ROWFINDER - 448040

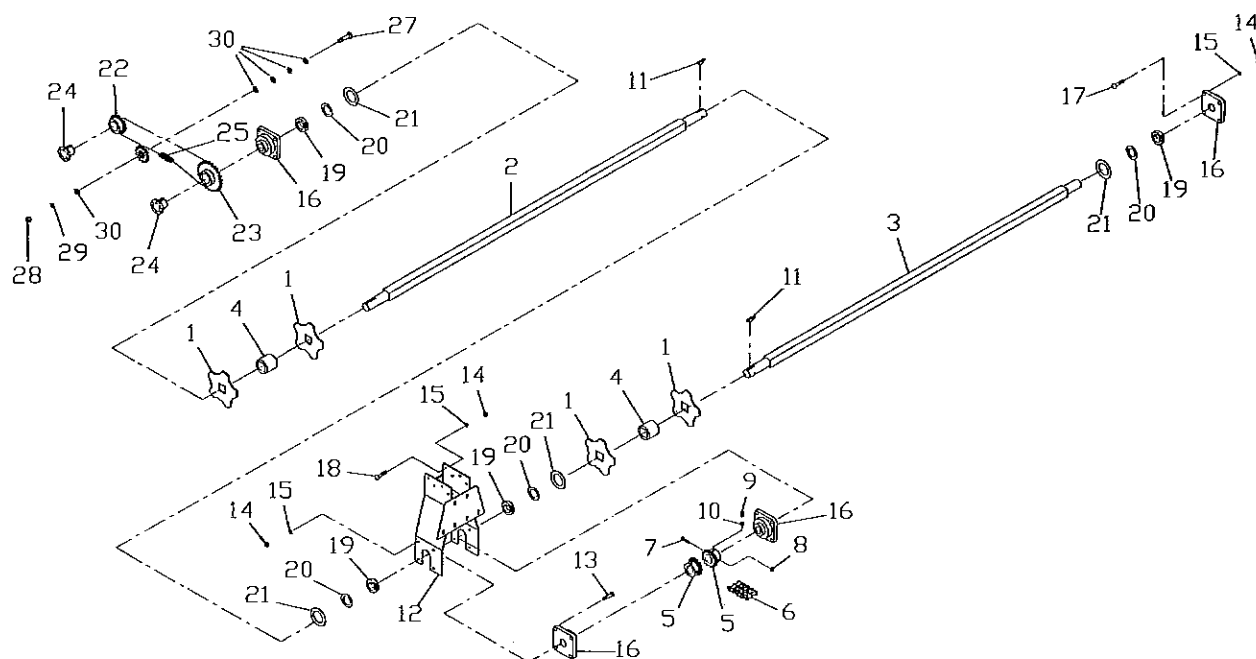


Item	Part Number	Qty.	Description
1	022420	-	Bolt, HHCS 3/8"-16 x 3/4"
2	005370	-	Washer, Lock 1/2"
3	005360	-	Nut, Hex 1/2"-13
4	447160	1	Weldment, Mounting Bracket
5	259620	1	Weldment, Rowfinder Shield
6	259510	1	Weldment, Frame Bracket
7	035180	-	Bolt, Carriage 3/8"-16 x 1-1/4"
8	021180	-	Washer, 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

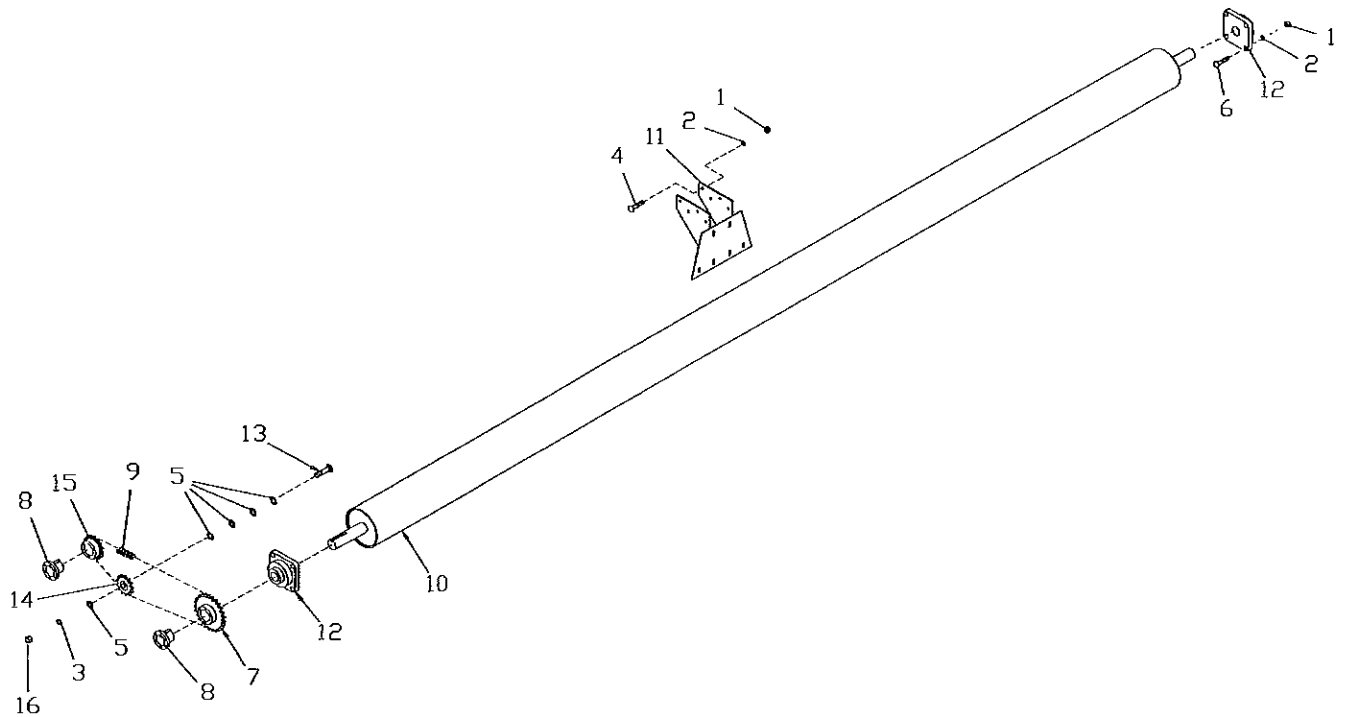
Item	Part Number	Qty.	Description
19	I22266R1		Washer, Flat 1-1/8" x 1-3/4" x 1/32"
20	JJD8813	2	Bearing, Needle 1-1/8" x 3/4" x 1-3/8"
21	JAN142149	1	Assembly, Sensor Left Hand
22	049180	-	Zerk, 1/4"-28 Tapered Thread Lube
23	JAT30144	2	Seal
24	I23041R1	-	Washer, Flat 1-5/32" x 1-1/2" x 16 Gauge
25	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 3/8" x 2" x 51/64" (413450)
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, Row Finder 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

STAR ROLL ASSEMBLY, 692 (M288320)



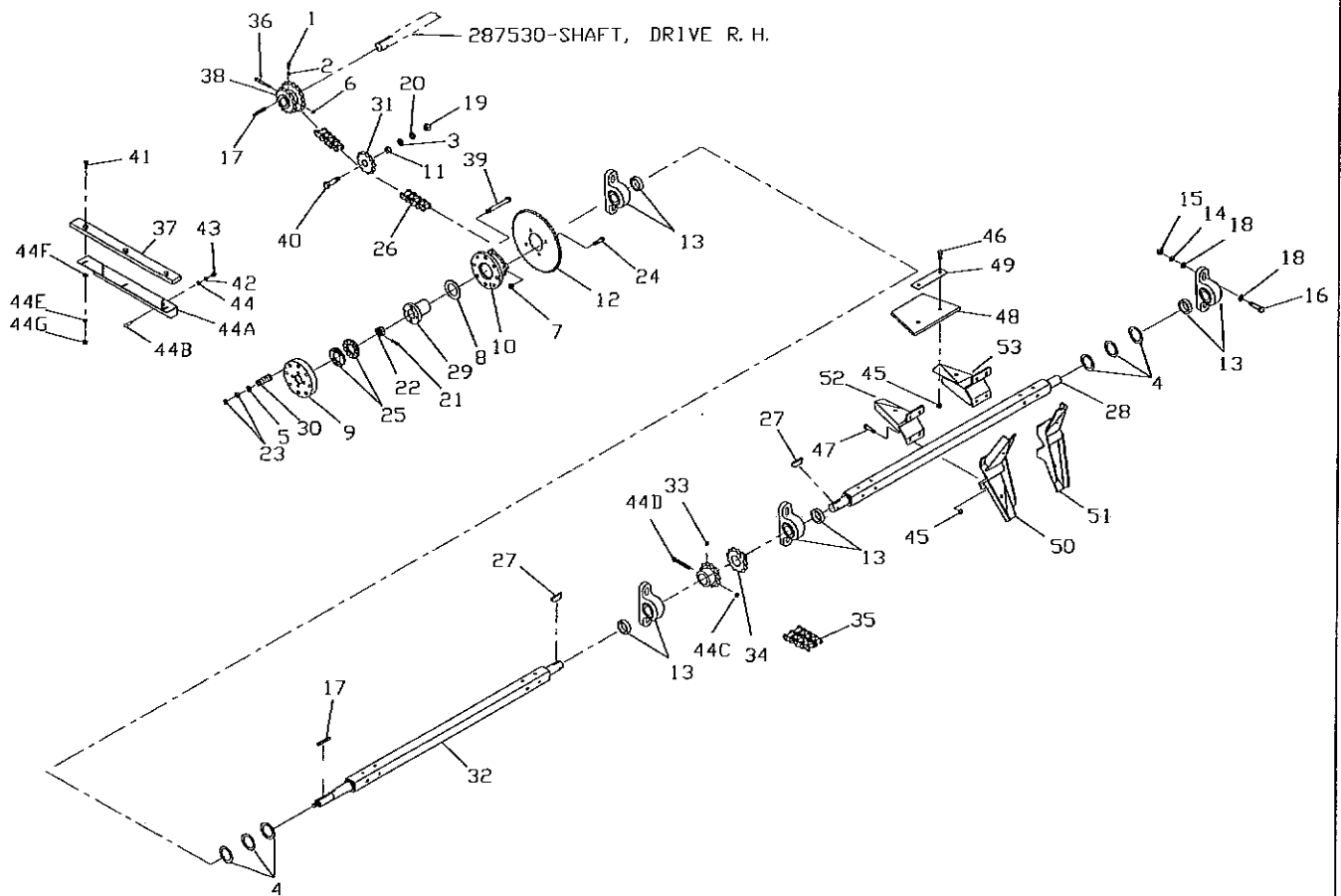
ITEM	PART NUMBER	QTY	DESCRIPTION
1	287570	58	PLATE, STAR
2	287580	1	SHAFT, STAR ROLL R.H.
3	287590	1	SHAFT, STAR ROLL L.H.
4	287600	56	SPACER, RUBBER
5	287610	2	SPROCKET, H60B14 1.75 BORE
6	163770	1	CHAIN COUPLER, 60-2 14P
7	340360	2	BOLT, HHCS, 3/8-16x3-1/2
8	I359783C1	2	NUT, LOCK, 3/8
9	R61566	2	SCREW, SHSS, 3/8-16x3/4
10	I124829	2	NUT, JAM, 3/8-16
11	231950	2	KEY, WOODRUFF 3/8x2-3/4
12	287660	1	SUPT, WELD, CTR STAR ROLL
13	014770	8	BOLT, HHCS, 1/2-13x1-1/2
14	005360	24	NUT, HEX, 1/2-13
15	005370	24	WASHER, LOCK, 1/2
16	E072489	4	BRG, 1-3/4 FLANGE
17	156850	8	BOLT, CRG, 1/2-13x1-1/2
18	030470	8	BOLT, CRG, 1/2-13x1-1/4
19	287700	4	LOCK COLLAR, SPLIT 1.75 B
20	E126034	4	WASHER, 1.88x2.88x.134 FLAT
21	E126201	4	WASHER, 2.50x3.88x.134 FLAT
22	E740215	1	SPROCKET, H60P15 SPLIT T
23	287620	1	SPROCKET, H60P25 SPLIT T
24	287630	2	BUSHING, P1 1-3/4 BORE
25	287640	1	ROLLERCHAIN ASSY, RC60x43P
26	E366013	1	SPROCKET, 60B13 IDLER
27	E096058	1	BOLT, CRG, 5/8-11x2-1/2
28	I124589	1	NUT, HEX, 5/8-11
29	020440	1	WASHER, LOCK, 5/8
30	035210	5	WASHER, .656x1.31x.095 FLAT

SMOOTH CONV. ROLL & DRIVE ASSEMBLY 692 (M290440)



ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	16	NUT, HEX 1/2-13 ZN
2	005370	16	WASHER, LOCK 1/2
3	020440	1	WASHER, LOCK 5/8
4	030470	8	BOLT, CRG. 1/2x1.25 G5 ZN
5	035210	5	WASHER, FLAT .66x1.31x.095
6	156850	8	BOLT, CRG. 1/2x1.50 G5 ZN
7	287620	1	SPROCKET, SPLIT T. H60P25
8	287630	2	BUSHING, P1 1.75 BORE
9	287640	1	ROLLCHAIN ASSY, RC60x43P
10	290560	1	CONV. ROLL, SMOOTH 692
11	290570	1	SUPT. WELD, CTR. BARRIER
12	E072489	2	BEARING, FLANGE 1.75
13	E096058	1	BOLT, CRG. 5/8x2.50 G5 ZN
14	E366013	1	SPROCKET, IDLER 60B13
15	E740215	1	SPROCKET, SPLIT T. H60P15
16	I124589	1	NUT, HEX 5/8 G5 ZN

PADDLE SHAFT & DRIVE 692 (M288330)



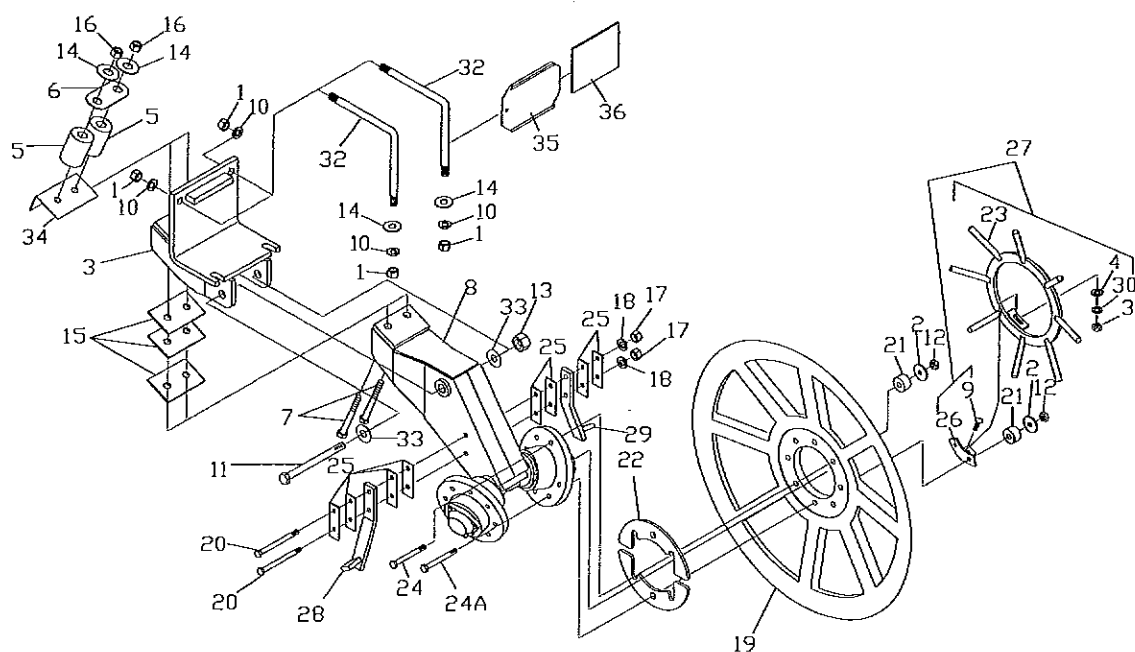
PADDLE SHAFT & DRIVE 692 (M288330)

ITEM	PART NUMBER	QTY	DESCRIPTION
1	R61566	1	SCREW, SHSS 3/8-16x3/4 PL
2	I124829	1	NUT, HEX JAM 3/8-16 GR. 5 ZN
3	I131017	AR	WASHER, FLAT .812x1.46x.108 ZN
4	396120	AR	BUSHING, MACH 2-1/32x3x10 GA. ZN
5	I25547R1	6	WASHER, .656x1.312x.188 PHC HDN
6	I359783C1	1	NUT, 3/8-16 LOCK GR. 8
7	I9413967	4	NUT, HEX 1/2-13 LOCK GR. 5
8	E126201	1	BUSHING, 2.50x3-7/8x10 GA. ZN
9	411260	1	FLANGE WELDMENT, SPRING
10	411410	1	HOUSING ASSEMBLY, CLUTCH
*	E126199	2	BUSHING, DILITE, 2.5 X 2.8 X 1.5
11	E724122	1	SPACER, BUSHG .824x1.050x.500
12	E740881	1	SPROCKET, 80A 45
13	E072358	4	BRG., 2.0 PB. CI. HSG W/LC
14	020440	8	WASHER, 5/8 REG. LOCK ZN
15	I124589	8	NUT, HEX 5/8-11 GR. 5 ZN
16	023110	8	BOLT, HHCS 5/8-11x2-1/2 GR. 5 ZN
17	030380	2	KEY, PAR. 3/8 SQ. x3
18	035210	16	WASHER, FLAT .656x1.312x.095 ZN
19	J14H794	1	NUT, HEX 3/4-10 GR. 5 ZN
20	036800	1	WASHER, 3/4 LOCK
21	040900	1	PIN, 3/16x1-5/8 ROLL ZN
22	042110	1	NUT, 1-14 HEX SLOTTED GR. 5 ZN
23	1121555	12	NUT, HEX JAM 5/8-11
24	1770500	4	BOLT, HHCS 1/2-13x1-3/4 GR. 5 ZN
25	225040	2	JAW, HARDENED SLIP CLUTCH
26	288390	1	CHAIN, ROLLER RC80H x 152 PITCH
27	498120	2	KEY, WOODRUFF 1/2 x 2.75
28	498400	1	SHAFT WELDMENT, PADDLE DRIVEN, 1/2 KW
29	238430	1	HUB WELDMENT, SLIP CLUTCH
30	239080	6	SPRING, COMPRESSION SLIP CLUTCH
31	240550	1	SPROCKET, IDLER 80-12T W/WASHER
32	498410	1	SHAFT WELDMENT, PADDLE DRIVE 1/2 KW
33	120970	2	BUSHING, 2517 TAPER LK 2.0'
34	498380	2	SPROCKET, 80B-16T 1/2 KW
35	288380	1	CHAIN, ROLLER RC80-2 16P-with SPEC CONN.
36	340360	1	BOLT, HHCS 3/8-16x3-1/2 GR. 8
37	496740	1	GUIDE, CHAIN UHMW #80
38	340560	1	SPROCKET ASSY, DBL RC60-RC80
39	201660	6	BOLT, HHCS 5/8-11x6.0 GR. 5 ZN
40	990860	1	BOLT, HHCS 3/4x2-3/4 GR. 5
41	012051	3	BOLT, HHCS 1/4-20x3/4 GR5 ZN
42	021180	2	WASHER, LOCK, 3/8
43	021190	2	WASHER, .438x1.00x.083 FLAT
44	027260	2	NUT, 3/8-16 HEX
44A	496730	1	ANGLE, GUIDE HOLDER
44B	035180	2	SNCR 3/8 x 1-1/4
44C	127890	2	NUT, LOCK 1/2-13 2-WAY
44D	E672417	2	BOLT, HHCS 1/2-13 x 4 Gr5
44E	029440	2	WASHER, LOCK, 1/4
44F	023260	2	WASHER, 1/4 STD FLAT
44G	027660	2	NUT, 1/4-20 HEX

REFERENCE ONLY
8 ROW 6 ROW

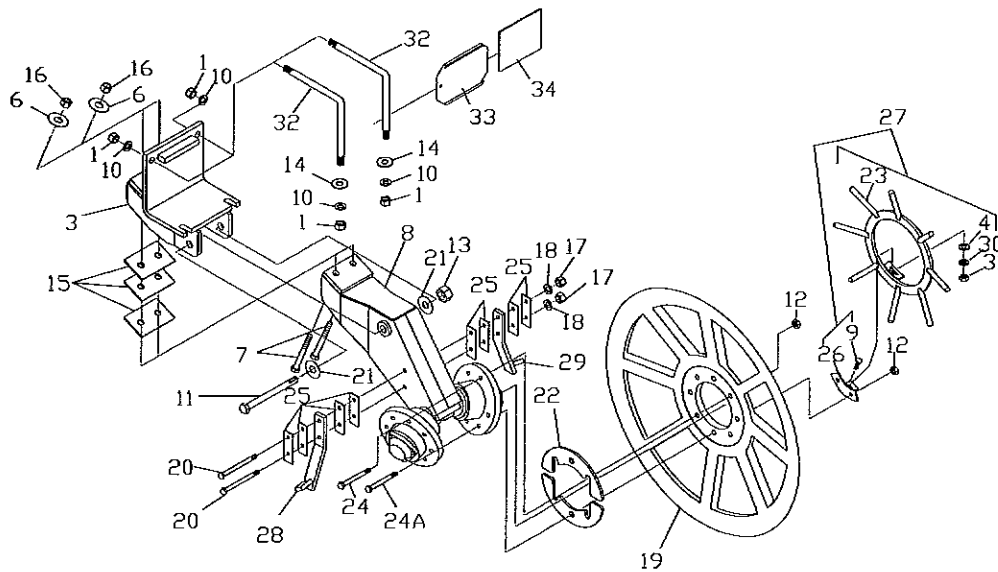
45	I9413967	112 84	NUT, HEX 1/2-13 LOCK GR. 5
46	014770	48 36	BOLT, HHCS 1/2x1-1/2
47	023950	64 48	BOLT, HHCS 1/2x2
48	248800	24 18	PADDLE, RUBBER
49	273280	24 18	STRAP, PADDLE
50	354220	8 6	PADDLE WELD, RH DOUBLE
51	354230	8 6	PADDLE WELD, LH DOUBLE
52	354240	8 6	PADDLE WELD, RH SINGLE
53	354250	8 6	PADDLE WELD, LH SINGLE

LIFTER STRUT, FLEX (M433100)



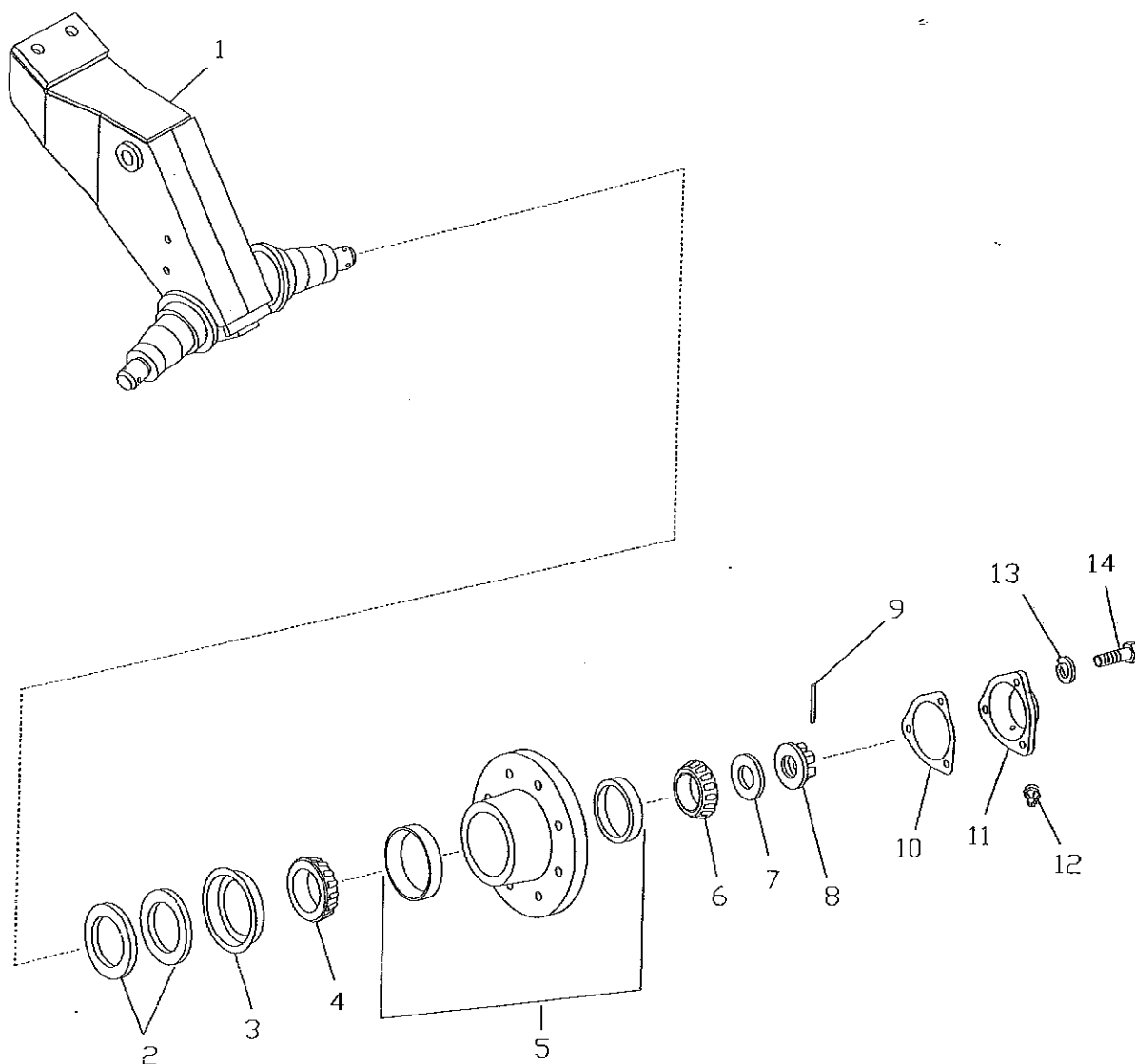
ITEM	PART NUMBER	QTY	DESCRIPTION
1	J14H794	4	NUT, HEX 3/4"
2	I486801R1	16	WASHER, .531x2.00x.25 FLAT ZN
3	431590	1	UPPER WLD'T, PIVOT FLEX STRUT
4	021190	4	WASHER, FLAT .438x1.00x.083
5	433140	2	PAD, FLEX
6	433150	1	WASHER, DOUBLE FLAT .8X2.5X5.5X3/8 ZN
7	990990	2	BOLT, HHCS 3/4-10 X 7 GR.5 ZN
8	433110	1	STRUT ASSY, FLEXIBLE PIVOT (SEE PAGE 14)
9	035180	4	BOLT, 3/8x1-1/4 CRG.
10	036800	4	WASHER, LOCK 3/4
11	458530	1	BOLT, HHCS 1-8 X 7-1/2 GR.5 ZN
12	127890	16	NUT, 1/2-13 HEX. LCK GR.5
13	1110440	1	NUT, HEX 1-8 LOCK W/NYLON INSERT
14	J24H1401	4	WASHER, FLAT .781x1.75x.194 ZN
15	436800	3	SHIM, PIVOT FLEX STRUT
16	1100238	2	NUT, LOCK 3/4-10 NYLON HEX
17	005360	2	NUT, HEX 1/2-13 GR.5 ZN
18	005370	2	WASHER, LOCK 1/2 ZN
19	491750	2	WHEEL, LIFTER MACHINING 2000
20	E672313	2	BOLT, HHCS 1/2-13 X 6-1/2 GR.5 ZN
21	267710	16	PAD, FLEX 1.00"
22	268570	8	SPACER, BEET WHEEL
23	463350	2	CLOSEUP, LIFTER WHEEL
24	340300	8	BOLT, 1/2-13x4.25 HHCS GR.5 ZN
24A	030420	8	BOLT, 1/2-13x4.0 HHCS GR.5 ZN
25	437300	8	SHIM, SPACER 1.5 X 4.5 (AS REQUIRED)
26	463370	4	BRACKET, MOUNTING CLOSE-UP FLEX
27	463340	1	KIT, CLOSE-UP FLEX STRUT
28	437280	1	SCRAPER WELDMENT, L.H.
29	437290	1	SCRAPER WELDMENT, R.H.
30	021180	4	WASHER, 3/8 LOCK
31	027260	4	NUT, 3/8 HEX
32	403860	2	BOLT, "L" 3/4" X 6-7/8 X 8-3/4
33	990720	2	WASHER, FLAT 1" STD
34	458950	1	SHIELD, PIVOT STRUT
35	497580	1	HOLDER, UHMV
36	497280	1	SHEET, UHMV 6.06 x 7.19

LIFTER STRUT, FIXED (M438720)



ITEM	PART NUMBER	QTY	DESCRIPTION
1	J14H794	4	NUT, HEX 3/4"
2	-	-	-
3	431590	1	UPPER WLD'T, PIVOT FLEX STRUT
4	021190	4	WASHER, FLAT .438x1.00x.083
5	-	-	-
6	I131017	2	WASHER, FLAT .812 SAE ZN
7	990570	2	BOLT, HHCS 3/4-10 X 3 GR.5 ZN
8	433110	1	STRUT ASSY, FLEXIBLE PIVOT (SEE PAGE 14)
9	035180	4	BOLT, 3/8x1-1/4 CRG.
10	036800	4	WASHER, LOCK 3/4
11	458530	1	BOLT, HHCS 1-8 X 7-1/2 GR.5 ZN
12	127890	16	NUT, 1/2-13 HEX. LCK GR.5
13	1110440	1	NUT, HEX 1-8 LOCK W/NYLON INSERT
14	J24H1401	2	WASHER, FLAT .781x1.75x.194 ZN
15	436800	3	SHIM, PIVOT FLEX STRUT
16	1100238	2	NUT, LOCK 3/4-10 NYLON HEX
17	005360	2	NUT, HEX 1/2-13 GR.5 ZN
18	005370	2	WASHER, LOCK 1/2 ZN
19	491750	2	WHEEL, LIFTER MACHINING 2000
20	E672313	2	BOLT, HHCS 1/2-13 X 7-1/2 GR.5 ZN
21	990720	2	WASHER, FLAT 1 STD
* AS REQD	22	268570	6* SPACER, BEET WHEEL
	23	463350	2 CLOSEUP, LIFTER WHEEL
	24	031580	8 BOLT, 1/2-13x2-3/4 HHCS GR.5 ZN
	24A	990840	8 BOLT, 1/2-13x3 HHCS GR.5 ZN
	25	437300	8 SHIM, SPACER 1.5 X 4.5 (AS REQUIRED)
	26	463370	4 BRACKET, MOUNTING CLOSE-UP FLEX
	27	463340	1 KIT, CLOSE-UP FLEX STRUT
	28	437280	1 SCRAPER WELDMENT, L.H.
	29	437290	1 SCRAPER WELDMENT, R.H.
	30	021180	4 WASHER, 3/8 LOCK
	31	027260	4 NUT, 3/8 HEX
	32	403860	2 BOLT, "L" 3/4" X 6-7/8 X 8-3/4
	33	497580	1 HOLDER, UHMV
	34	497280	1 SHEET, UHMV 6.06 x 7.19

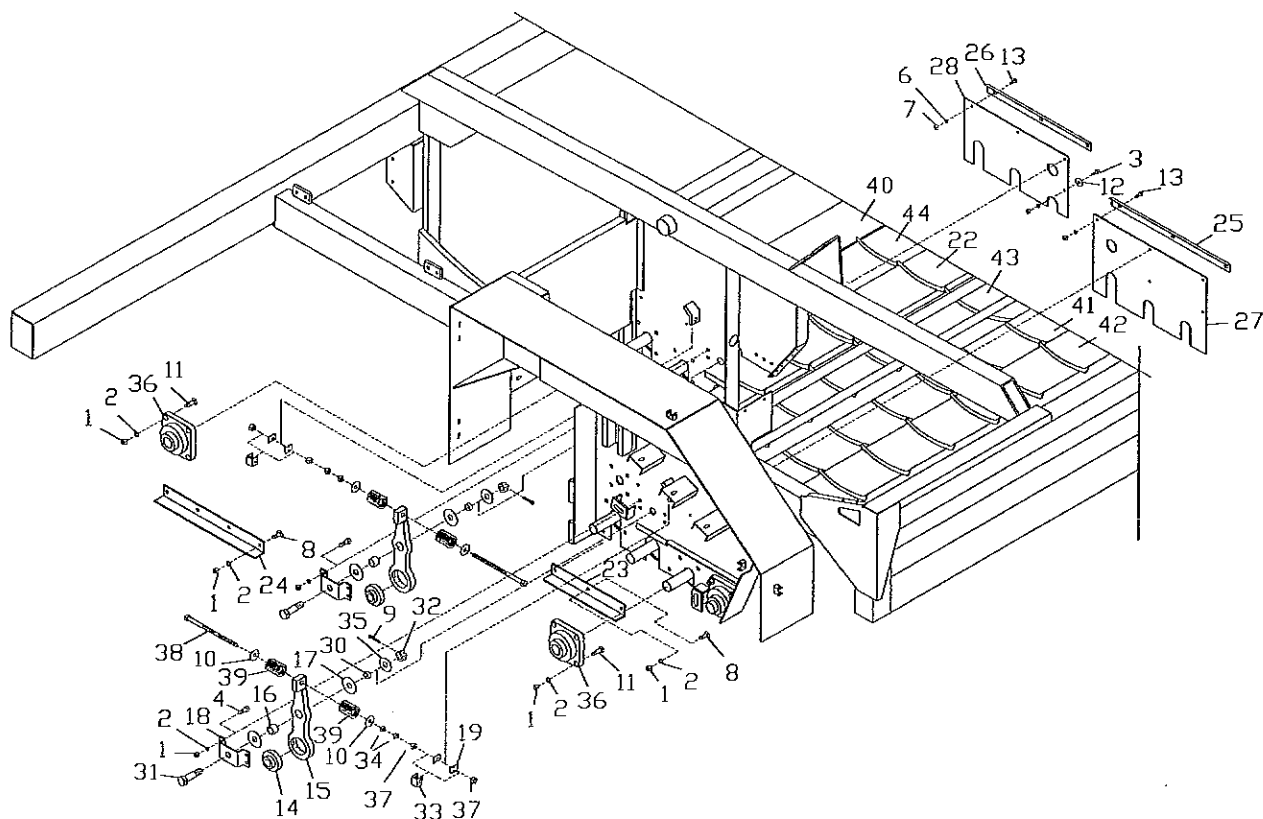
STRUT ASSEMBLY, PIVOT FLEX - 433110



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)

NOTES

RH CONVEYOR ROLLS & BEARINGS 692 (M287730-1B)

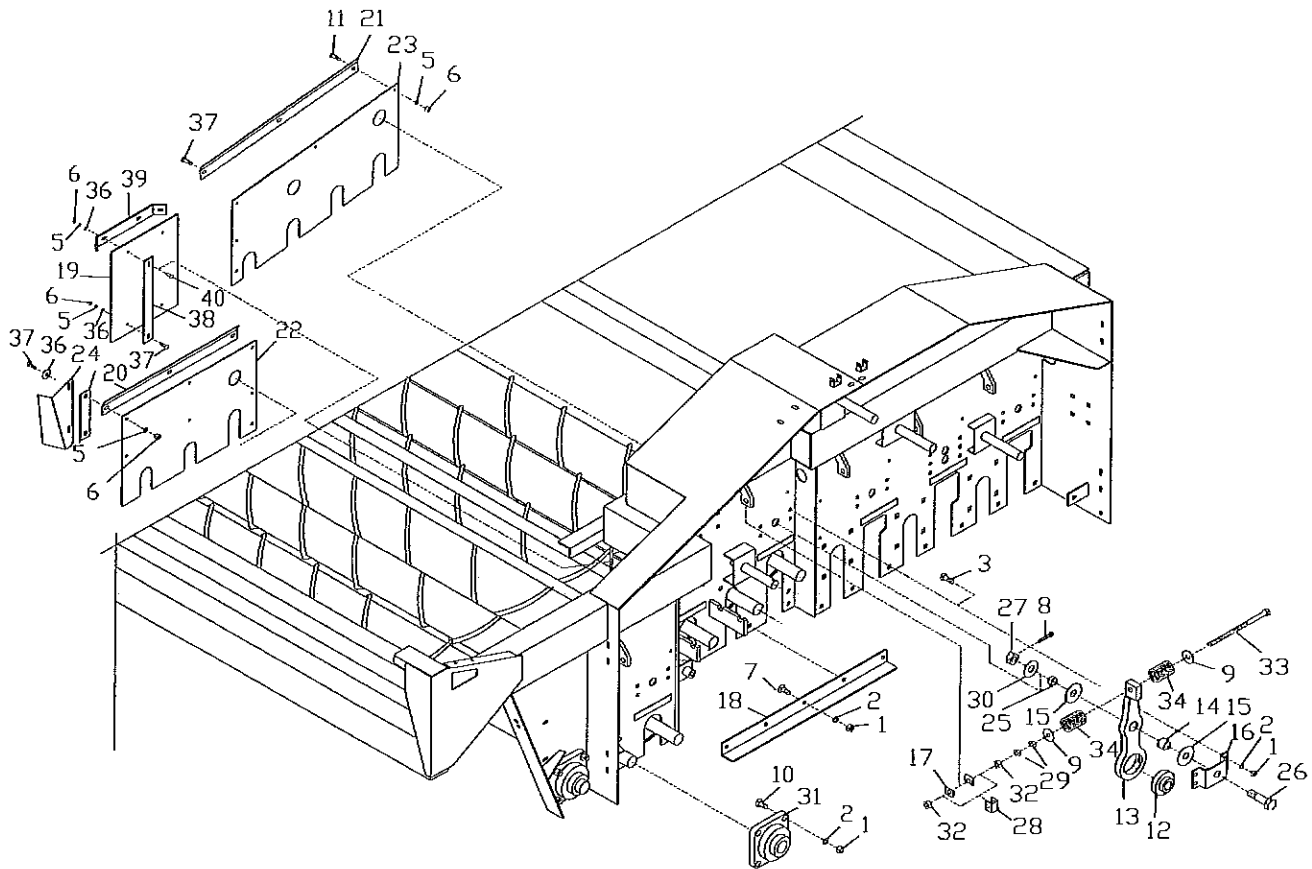


ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	24	NUT, HEX 1/2 G5 ZN
2	005370	24	WASHER, LOCK 1/2 ZN
3	012260	1	BOLT, HHCS. 3/8x1.0 G5 ZN
4	014770	8	BOLT, HHCS 1/2x1.50 G5 ZN
5	-	-	-
6	021180	8	WASHER, LOCK 3/8 ZN
7	027260	8	NUT, HEX 3/8 G5 ZN
8	030470	7	BOLT, CRG. 1/2x1.25 SSN G5
9	003950	2	PIN, COTTER 3/16x2.0 ZN
10	127920	4	WASHER, FLAT .65x1.38x.18
11	156850	16	BOLT, CRG. 1/2x1.50 SSN G5
12	169280	1	WASHER, FLAT .40x1.50x.12
13	170530	7	BOLT, CRG. 3/8x1.0 SSN G5
14	236490	2	BEARING, 1.75 W/COLLOR
15	264710	2	ARM ASSY, GRABROLL DRIVE
16	264730	2	BUSHING, GRABROLL DRIVE
17	264740	4	WASHER, HARD'NED 1.06x3x.12
18	264770	2	BRACKET, GRABROLL ARM
19	264780	4	WASHER, OVAL 5/16x1.25x1.5
20	-	-	-
21	-	-	-
22	286820	1	CONV. ROLL, 6-5/8 #4 692B
23	290620	1	ANGLE, STIFFENER 2x2x.25x16.5
24	287990	1	ANGLE, STIFFENER 22.5"

RH CONVEYOR ROLLS & BEARINGS 692 (M287730-1B)

ITEM	PART NUMBER	QTY	DESCRIPTION
25	288010	1	STRAP, TOP FRONT CONV.
26	288020	1	STRAP, TOP R.H. REAR CONV.
27	288040	1	FLAP, RUBBER FRONT CONV.
28	288050	1	FLAP, RUBBER R.H. REAR
29	-	-	-
29	-	-	-
30	344250	2	BUSHING, STEEL 1.0x1.25x0.50
31	344270	2	BOLT, HHCS. 1x3.50 G8 ZN
32	344280	2	NUT, HEX 1" G8 ZN
33	344310	2	CLIP, RETAINER DRIVE
34	344630	4	NUT, HEX JAM 5/8 G8 ZN
35	990720	2	WASHER, FLAT 1.06x2.50x.16
36	E072489	4	BEARING, 1.75 4-BOLT FLG.
37	I124589	4	NUT, HEX 5/8 G5 ZN
38	J08H4753	2	BOLT, HHCS 5/8x10.50 G8
39	JN14279	4	SPRING, COMP. .75x1.3x2.5
40	290780	1	CONV. ROLL, 6-5/8 692B
41	395930	1	CONV. ROLL, 6-5/8 692B
42	478360	1	CONVEYOR ROLL, 6" #1 692B
43	478370	1	CONVEYOR ROLL, 6" #3 692B
44	478380	1	CONVEYOR ROLL, 6" #5 692B

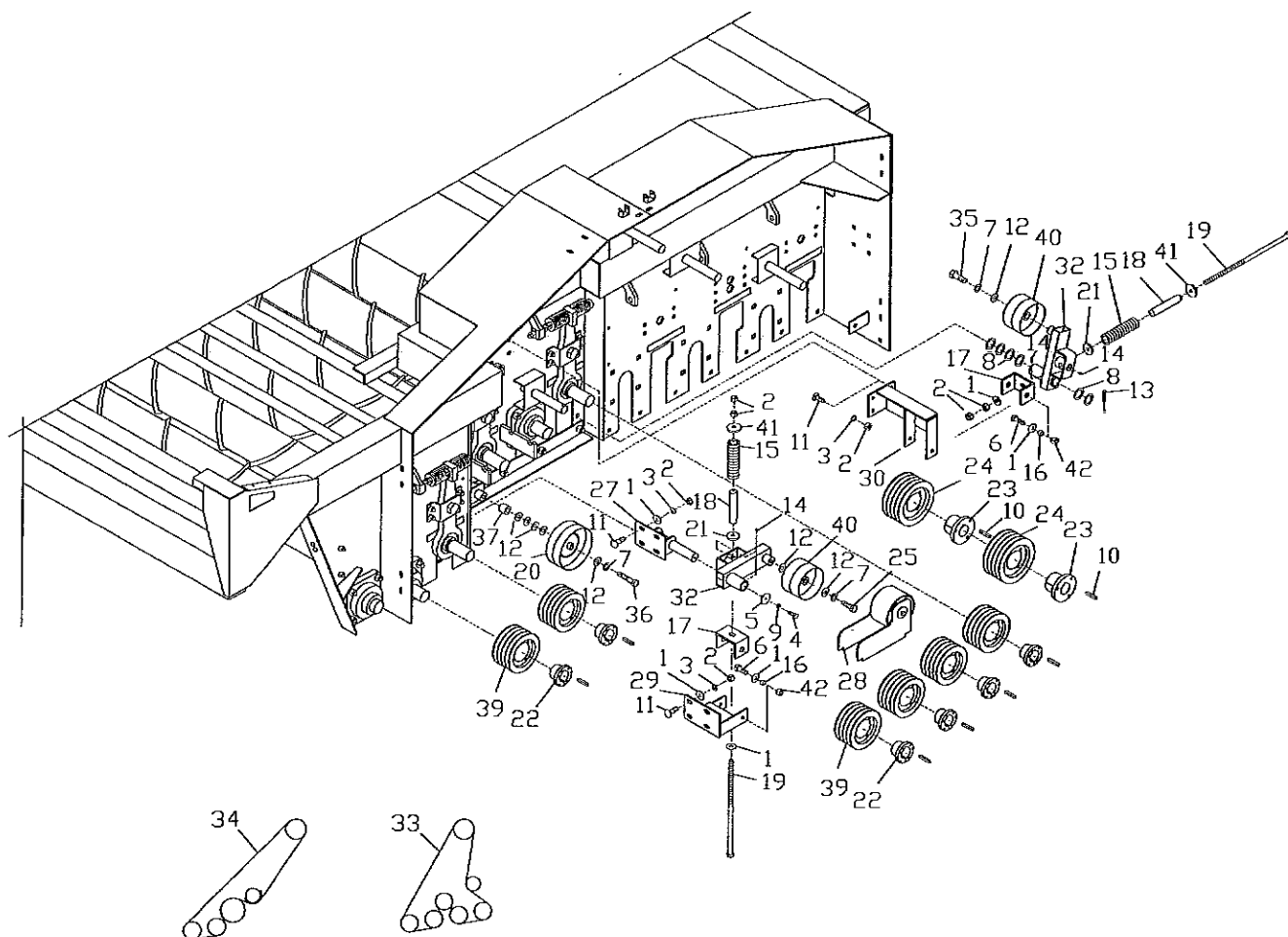
LH CONVEYOR ROLL BEARINGS 692 (M287730-2B)



LH CONVEYOR ROLL BEARINGS 692 (M287730-2B)

ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	24	NUT, HEX 1/2 G5 ZN
2	005370	24	WASHER, LOCK 1/2 ZN
3	014770	12	BOLT, HHCS. 1/2x1.50 G5 ZN
4	-	-	-
5	021180	12	WASHER, LOCK 3/8 ZN
6	027260	12	NUT, HEX 3/8 G5 ZN
7	030470	5	BOLT, CRG. 1/2x1.25 SSN G5
8	003950	3	PIN, COTTER 3/16x2.0 ZN
9	127920	6	WASHER, FLAT .65x1.38x.18
10	156850	12	BOLT, CRG. 1/2x1.50 SSN G5
11	170530	6	BOLT, CRG. 3/8x1.0 SSN G5
12	236490	3	BEARING 1.75 W/ COLLOR
13	264710	3	ARM ASSY, GRABROLL DR
14	264730	3	BUSHING, GRABROLL DR.
15	264740	6	WASHER, HARD,END 1.06x3x.12
16	264770	3	BRACKET, GRABROLL ARM
17	264780	6	WASHER, OVAL 5/16x1.25x1.5
18	287980	1	ANGLE, STIFFENER 31.5
19	415560	1	DEFLECTOR, CORNER LH
20	288010	1	STRAP, TOP FRONT CONV.
21	288030	1	STRAP, L.H. TOP REAR CONV.
22	288040	1	FLAP, RUBBER FRONT CONV.
23	288060	1	FLAP, RUBBER L.H. REAR
24	343430	1	STRAP, FRONT 6 ROW
24	289870	1	BRACKET, L.H. BARR. 8 ROW ONLY
25	344250	3	BUSHING, STEEL 1.0x1.25x.50
26	344270	3	BOLT, HHCS. 1x3.50 G8 ZN
27	344280	3	NUT, SLOTTED HEX 1 G8 ZN
28	344310	3	CLIP, RETAINER DRIVE
29	344630	6	NUT, HEX JAM 5/8 G8 ZN
30	990720	3	WASHER, FLAT 1.06x2.5x.16
31	E072489	3	BEARING, 1.75 4-BOLT FLG.
32	1124589	6	NUT, HEX 5/8 G5 ZN
33	J08H4753	3	BOLT, HEX 5/8x10.50 G8
34	JN14279	6	SPRING, COMP. .75x1.3x2.5
35	012260	3	BOLT, HEX 3/8x1 GR5
36	169280	7	WASHER, FLAT .406x1.50x.120
37	035180	3	BOLT, CRG. 3/8x1.25 SSN GR5
38	415540	1	BAR, FRONT
39	415550	1	BAR, LOWER
40	J03H1558	3	BOLT, CRG. 3/8x1-1/2

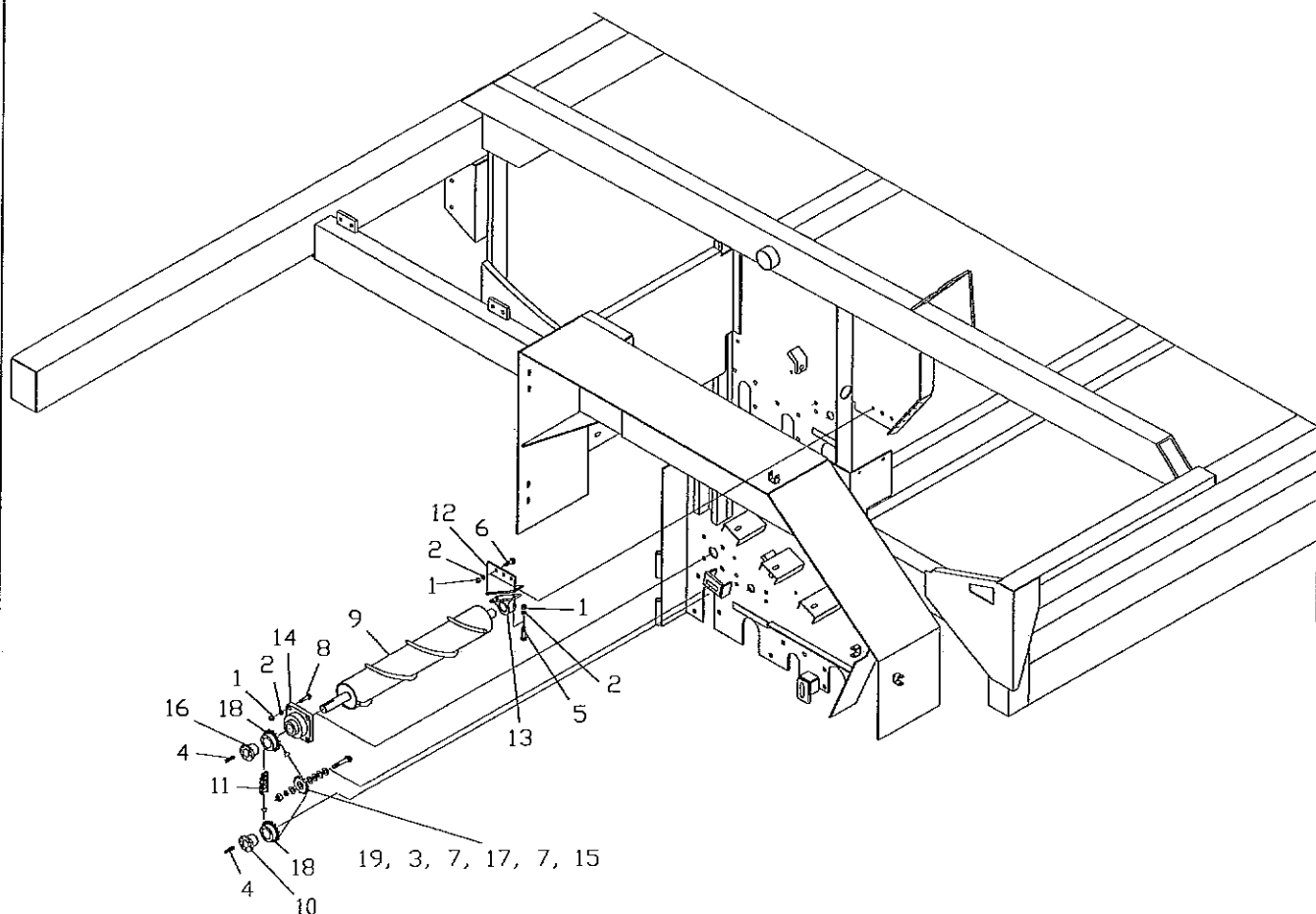
CONVEYOR ROLL DRIVE ASSY (M287730-3B)



CONVEYOR ROLL DRIVE ASSY (M287730-3B)

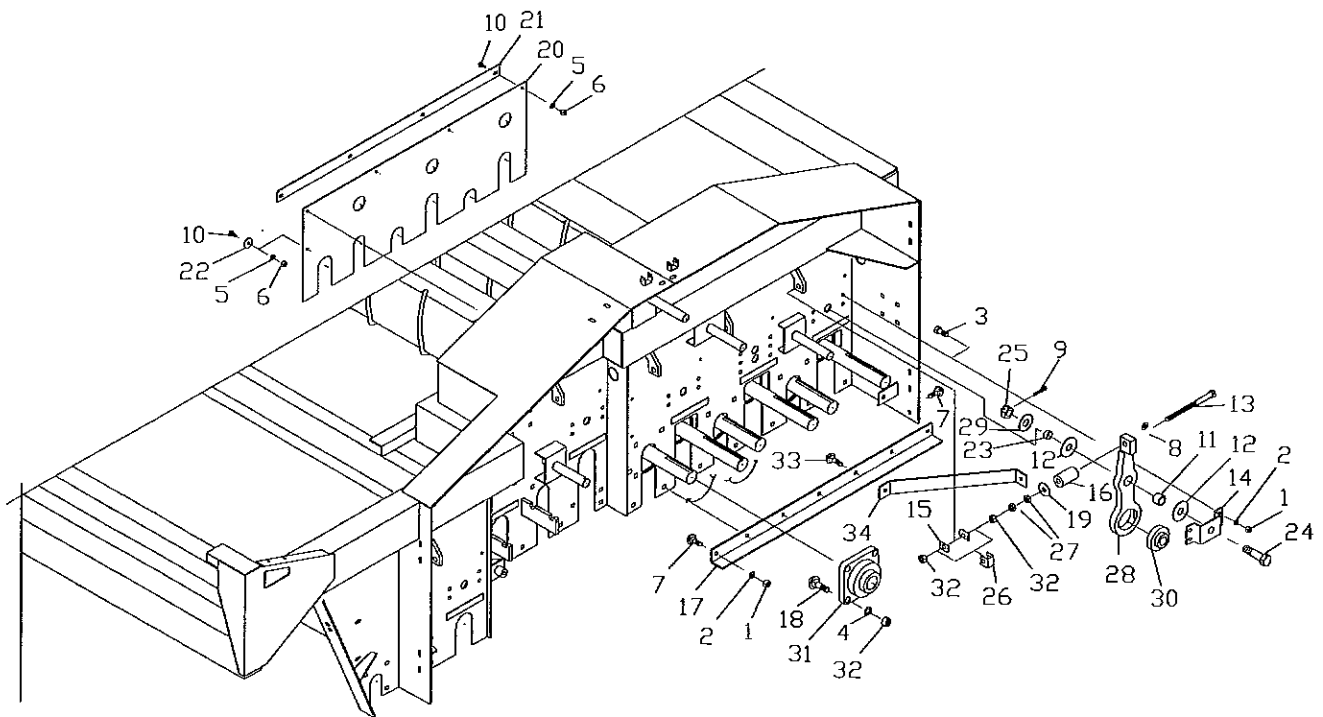
ITEM	PART NUMBER	QTY	DESCRIPTION
1	005200	14	WASHER, FLAT .56x1.38x.109
2	005360	16	NUT, HEX 1/2 G5 ZN
3	005370	12	WASHER, LOCK 1/2 ZN
4	012260	1	BOLT, HHCS. 3/8x1.0 G5 ZN
5	012270	1	WASHER, FLAT .406x1.75x.134
6	014770	4	BOLT, HHCS. 1/2x1.50 G5 ZN
7	020440	3	WASHER, LOCK 5/8 ZN
8	020880	9	WASHER, FLAT 1.25x1.75x.134
9	021180	1	WASHER, LOCK 3/8 ZN
10	167920	2	KEY, 3/8 SQ. x 2.50
11	030470	12	BOLT, CRG. 1/2x1.25 SSN G5
12	035210	10	WASHER, FLAT .656x1.31x.095
13	114370	1	PIN, COTTER 1/4x2.0
14	115590	4	ZERK, 1/-28 TPER SELF-TAP
15	231000	2	SPRING, COMPR. 1.62x7.25
16	231030	4	SPACER, .75x.51x.38
17	231040	2	BRACKET, SPRING PIVOT
18	239040	2	SPACER, 1.0x.64x4.25
19	231070	2	ROD WELDMENT, 15" TAKE-UP
20	E706098	1	SHEAVE, FLAT IDLER 8.0x.62
21	268560	2	WASHER, FLAT .531x1.75x.25
22	287080	6	BUSHING, QD SD 1.75 BORE
23	288070	2	BUSHING, Q1 SPLIT TPR 1.75
24	288080	2	SHEAVE, 4B66Q SPLIT TPR
25	023110	1	BOLT, HHCS 5/8x2.5 G5 ZN
26	-	-	-
27	288140	1	PIN WELD, IDLER ARM
28	288200	1	IDLER ASSY, FIXED CONV DR
*	287130	1	SHEAVE ASSY, W/ BEARINGS
*	287140	2	BEARING, 1.25 CDD
*	288170	1	PLATE AND PIN WELDMENT
*	288180	1	PLATE, SUPPORT
29	288210	1	BRACKET WELDMENT
30	288250	1	BRACKET WELDMENT
31	-	-	-
32	288280	2	ARM WELDMENT, IDLER
33	288420	1	V-BELT, 136.5 EL 4B
34	394920	1	V-BELT, 126.5 EL 4B
35	990620	1	BOLT, HHCS 5/8-11x2.0 G5
36	I271729	1	BOLT, HHCS 5/8-11x3.5 G5
37	E126195	1	BUSHING, 1.25x.688x1.12
38	-	-	-
39	E706093	6	SHEAVE, 4B 5.6 SD
40	E706099	2	SHEAVE, FLAT 5.0x.62x3.25
41	I486801R1	2	WASHER, .531x2.0x.25 ZN
42	037540	4	NUT, LOCK 1/2 G5 ZN

DIVERTER ROLL 692 (M286150B)



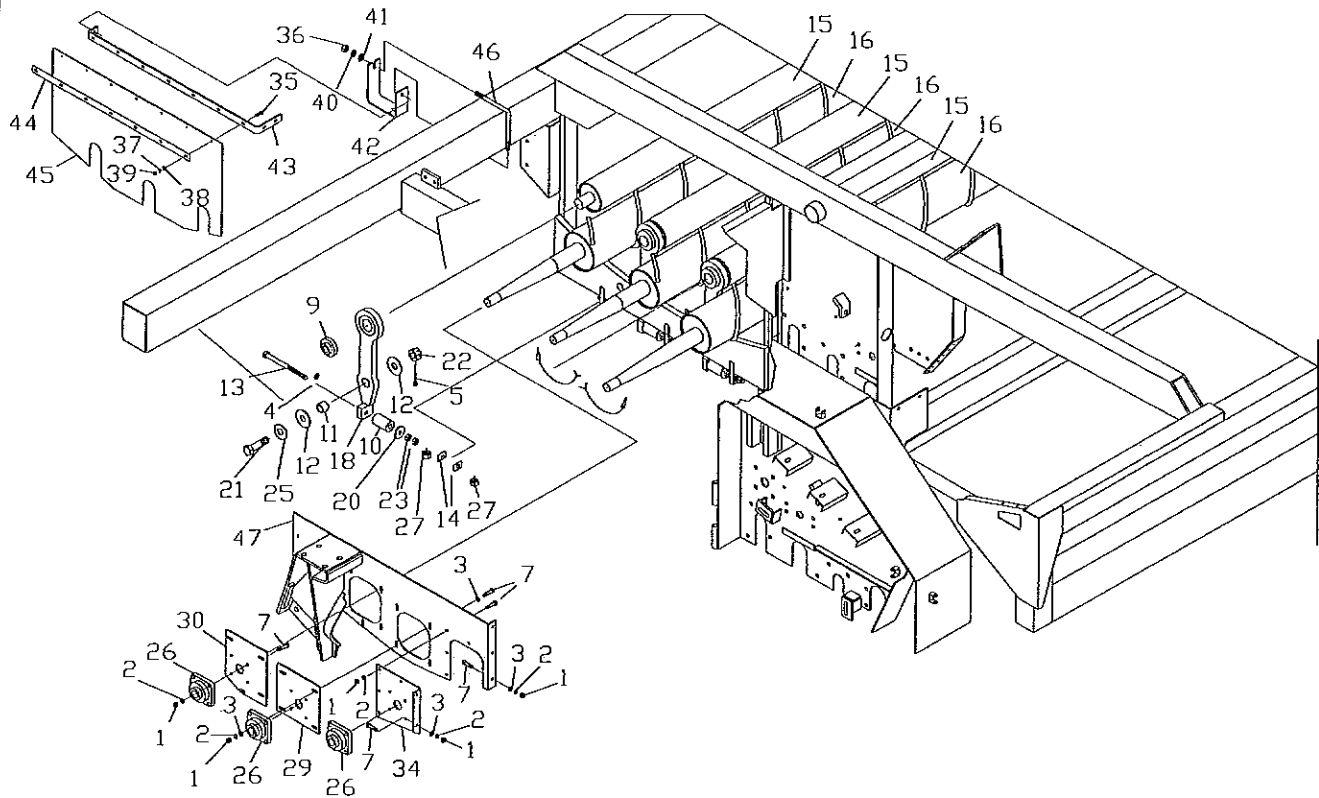
ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	9	NUT, HEX 1/2-13 G5 ZN
2	005370	9	WASHER, LOCK 1/2 ZN
3	020440	1	WASHER, LOCK 5/8 ZN
4	021530	2	KEY, SQ. 3/8x2.0
5	025390	2	BOLT, CRG. 1/2x1.75 G5 ZN
6	030470	3	BOLT, CRG. 1/2x1.25 G5 ZN
7	035210	5	WASHER, FLAT .66x1.31x.095
8	156850	4	BOLT, CRG. 1/2x1.5 G5 ZN
9	287320	1	DIVERTER ROLL, 692
10	287630	1	BUSHING, PI 1.75 SPLIT TPR
11	287650	1	ROLL CHAIN ASSY, RC60x36P
12	290590	1	BRACKET WLDT, BRG. SUPT.
13	E072001	1	BEARING, P.B. 1.44
14	E072103	1	BEARING, 1.44 4-BOLT FLG.
15	E096058	1	BOLT, CRG. 5/8x2.5 G5 ZN
16	E126008	1	BUSHING, 1.44 SPLIT TPR.
17	E366013	1	SPROCKET, IDLER 60B13
18	E740215	2	SPROCKET, 60P15
19	I124589	1	NUT, HEX 5/8-11 G5 ZN

LH GRAB ROLL BEARINGS 692 (M287720-2B)



ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	20	NUT, HEX 1/2 G5 ZN
2	005370	20	WASHER, LOCK 1/2 ZN
3	014770	12	BOLT, HHCS. 1/2x1.50 G5 ZN
4	020440	12	WASHER, LOCK 5/8 ZN
5	021180	5	WASHER, LOCK 3/8 ZN
6	027260	5	NUT, HEX 3/8 G5 ZN
7	030470	7	BOLT, CRG. 1/2x1.25 SSN G5
8	035210	3	WASHER, FLAT .656x1.31x.095
9	003950	3	PIN, COTTER 3/16x2.0 ZN
10	170530	5	BOLT, CRG. 3/8x1.0 SSN G5
11	264730	3	BUSHING, 1.00x1.50x1.078
12	264740	6	WASHER, HARD,END 1.06x3x.12
13	264760	3	BOLT, HHCS 5/8x8.50 G8 ZN
14	264770	3	BRACKET, GRABROLL ARM
15	264780	6	WASHER, OVAL 5/16x1.25x1.5
16	264800	3	PAD, FLEX 1.75x.75x3.0
17	287780	1	ANGLE, STIFFENER 42.5
18	287880	12	BOLT, CRG 5/8x2.0 SSN G5
19	340310	3	WASHER, FLAT .66x2.0x.25
20	343410	1	FLAP, RUBBER GRABROLL
21	343420	1	STRAP, TOP
22	169280	1	WASHER, FLAT .406x1.50x.12
23	344250	3	BUSHING, STEEL 1.0x1.25x.50
24	344270	3	BOLT, HHCS. 1x3.50 G8 ZN
25	344280	3	NUT, SLOTTED HEX 1 G8 ZN
26	344310	3	CLIP, RETAINER DRIVE
27	344630	6	NUT, HEX JAM 5/8 G8 ZN
28	346110	3	ARM ASSY, GRAB ROLL DR
29	990720	3	WASHER, FLAT 1.06x2.5x.16
30	E072431	3	BEARING, 2.00 INSERT W/LC
31	E072445	3	BEARING, 2.00 4-BOLT FLG
32	I124589	18	NUT, HEX 5/8 G5 ZN
33	156850	1	BOLT, CRG. 1/2x1.50 SSN G5
34	289230	1	BRACKET, STIFFENER
35	962090	1	LOCTITE, ANTI-SIEZE LUB

GRABROLLS, DISCHARGE END 692 (M425980B)

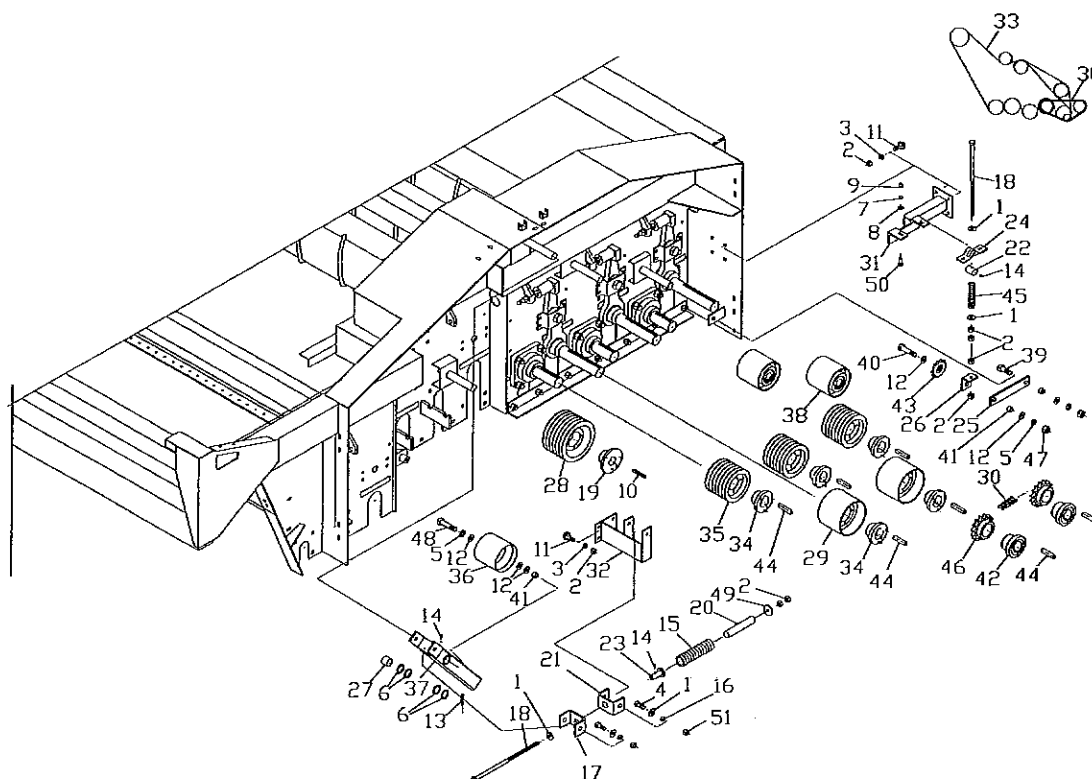


ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	29	NUT, HEX 1/2 G5 ZN
2	005370	29	WASHER, LOCK 1/2 ZN
3	005200	25	WASHER, FLAT .56x1.38x.109
4	035210	3	WASHER, FLAT .66x1.31x.095
5	003950	3	PIN, COTTER 3/16x2.0 ZN
6			
7	1770500	29	BOLT, HHCS 1/2x1.75xG5 ZN
8			
9	236490	3	BEARING, 1.75 W/L COLLAR
10	248300	3	PAD, FLEX 1.75x.75x3.0
11	264730	3	BUSHING, 1.50x1.02x1.07
12	264740	6	WASHER, HARD'NED 1.06x3x.12
13	264760	3	BOLT, HHCS 5/8x8.50 G8 ZN
14	264780	6	WASHER, OVAL 5/8x1.25x1.5
15	286610	3	GRAB ROLL, SMOOTH 692
15	411690	3	GRAB ROLL, SMOOTH POLYETH.
16	425770	2	GRAB ROLL, 3&5 SPIRAL EXT.
16	425780	1	GRAB ROLL, 3&5 DBL SPIRAL
16	425790	2	GRAB ROLL, 3&5 POLYETH.
17			
17			
18	287050	3	ARM WELD, DISCHARGE
19			
20	340310	3	WASHER, FLAT .66x2.0x.25
21	344270	3	BOLT, HHCS. 1x3.50 G8 ZN
22	344280	3	NUT, HEX 1" G8 ZN
23	344630	6	NUT, HEX JAM 5/8 G8 ZN
24	962090	1	LOCTITE ANTI-SEIZE LUB
25	990720	3	WASHER, FLAT 1.06x2.50x.16
26	E072489	3	BEARING, 1.75 4-BOLT FLG

GRABROLLS, DISCHARGE END 692 (M425980B)

ITEM	PART NUMBER	QTY	DESCRIPTION
27	I124589	6	NUT, HEX 5/8 G5 ZN
28			
29	425700	1	PLATE, #3
30	425710	1	PLATE, #5
31			
32			
33			
34	263880	1	PLATE, /W BRG. HOLE
35	J03H1558	10	BOLT, CRG. 3/8-16x1-1/2 GR5
36	J14H794	2	NUT, HEX 3/4 GR5 ZN
37	021180	10	WASHER, LOCK 3/8
38	021190	10	WASHER, FLAT 3/8
39	027260	10	NUT, HEX 3/8
40	036800	2	WASHER, LOCK 3/4
41	990710	2	WASHER, FLAT 3/4
42	425990	1	BRACKET, GRABROLL FLAP
43	426000	1	BAR, FLAP GRABROLLS
44	426010	1	STRIP, RUBBER BACKING
45	426020	1	FLAP, RUBBER GRABROLLS
46	403860	1	BOLT, L 3/4x6.75x8.62 GR5
47	425640	1	SUPT. WLDT., REAR ROLLER

GRAB ROLL DRIVE ASSEMBLY,692 (M287720-3B)

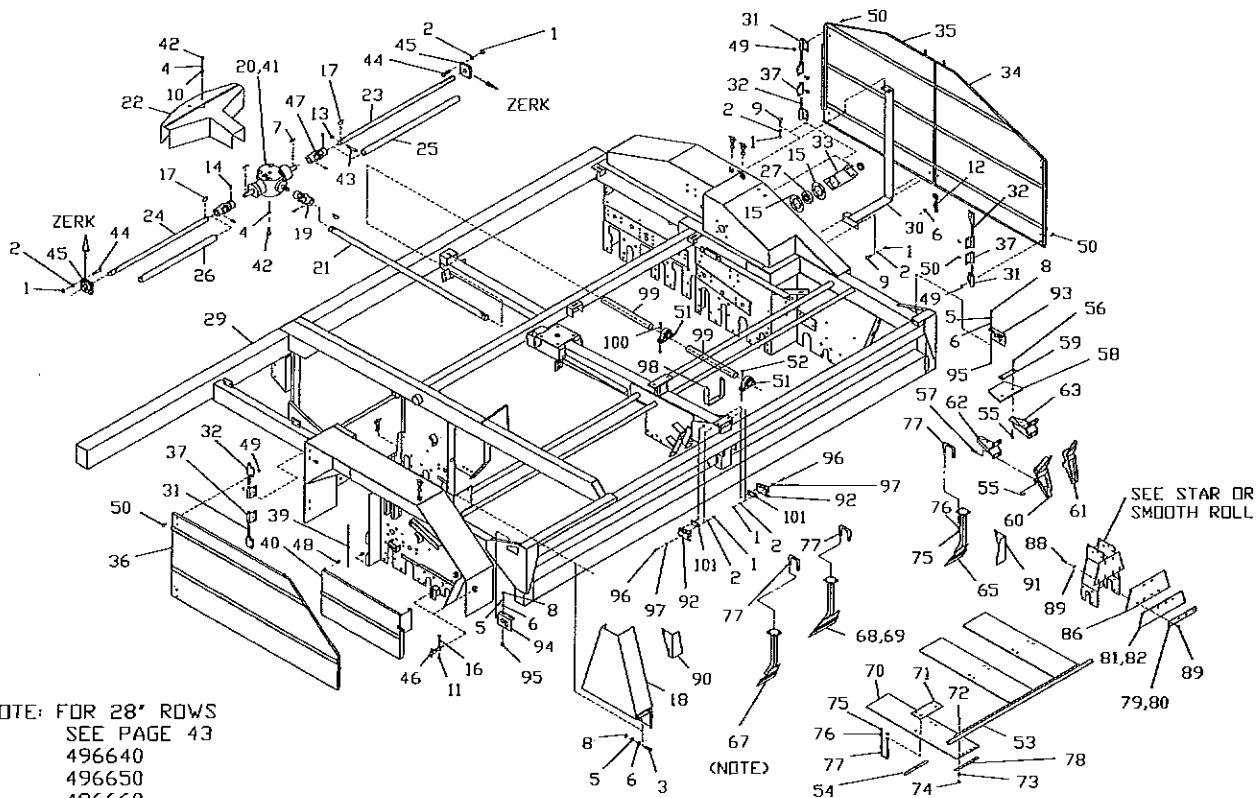


ITEM	PART NUMBER	QTY	DESCRIPTION
1	005200	7	WASHER, FLAT .56x1.38x.109
2	005360	14	NUT, HEX 1/2 G5 ZN
3	005370	8	WASHER, LOCK 1/2 ZN
4	014770	4	BOLT, HHCS. 1/2x1.50 G5 ZN
5	020440	3	WASHER, LOCK 5/8 ZN
6	020880	7	WASHER, FLAT 1.25x1.75x.134
7	021180	2	WASHER, LOCK 3/8 ZN
8	021190	2	WASHER, FLAT .44x1.00x.083
9	027260	2	NUT, HEX 3/8 G5 ZN
10	030380	1	KEY, SQ. 3/8x3.0
11	030470	8	BOLT, CRG. 1/2x1.25 G5 ZN
12	035210	9	WASHER, FLAT .656x1.31x.095
13	114370	1	PIN, COTTER 1/4x2.0
14	115590	3	ZERK, 1/4 TPR SELF TAP ST
15	231000	1	SPRING, COMP. 1.62x7.25
16	231030	4	SPACER, .51x.75x.38
17	231040	1	BRACKET, SPRING PIVOT
18	231070	2	ROD WELD, TAKEUP 1/2x15.0
19	234760	1	BUSHING, SF 1.75 SPLIT TPR
20	239040	1	SPACER, .64x1.0x4.25
21	251010	1	BRACKET, SPRING PIVOT
22	251020	1	GUIDE
23	251030	1	GUIDE
24	251830	1	BRACKET WELDENT, TAKE-UP
25	264810	1	ARM, IDLER .5x2x9
26	264820	1	BRACKET, ROD SUPPORT
27	287710	1	SPACER, 1.26x1.50x1.25
28	287090	1	SHEAVE, 6B-7.75 QD SF HUB
29	287100	2	SHEAVE WELD, FLAT 6.38 SK
30	287560	1	CHAIN ASSY, RC60x59P
31	287750	1	BRACKET WELD, SPRG SUPT
32	287840	1	BRACKET WELD, SPRG SUPT
33	288410	1	V-BELT, 160.0 EL6B POWERB

GRAB ROLL DRIVE ASSEMBLY,692 (M287720-3B)

ITEM	PART NUMBER	QTY	DESCRIPTION
34	346340	5	BUSHING, SK 2.0
35	346380	3	SHEAVE, 6B-6.15 SK HUB
36	346830	1	SHEAVE, IDLER 5.21x5.0
37	346870	1	ARM WELD, GRAB ROLL IDLR
38	346900	2	SHEAVE ASSY, 5.37x1.25
*	346950	2	BEARING, BALL 1-1/4 CDD W/ LC
*	346910	1	FLAT IDLER PULLEY
*	E642027	2	SNAP RING
39	990620	1	BOLT, HHCS 5/8x2.0 G5 ZN
40	990650	1	BOLT, HHCS 5/8x3.0 G5 ZN
41	E126020	3	BUSHING, STEEL .66x.878x.56
42	E126080	2	BUSH, SPLTPR Q1 2.0x.25x.50
43	E366013	1	SPROCKET, 60B13 IDLER
44	E388049	7	KEY, SQ. .50x3.0
45	E738050	1	SPRING, COMP .105 26 6.0
46	E740265	2	SPROCKET, 60 Q 20
47	I124589	2	NUT, HEX 5/8 G5 ZN
48	I271728	1	BOLT, HHCS 5/8x3.25 G5 ZN
49	I48680R1	1	WASHER, NT .531x2.0x.25 ZN
50	J03H1558	2	BOLT, CRG 3/8x1.50 SN G5
51	037540	4	NUT, LOCK 1/2-13 G5 ZN

FRONT FRAME ASSEMBLY, 692 (M478550-1)



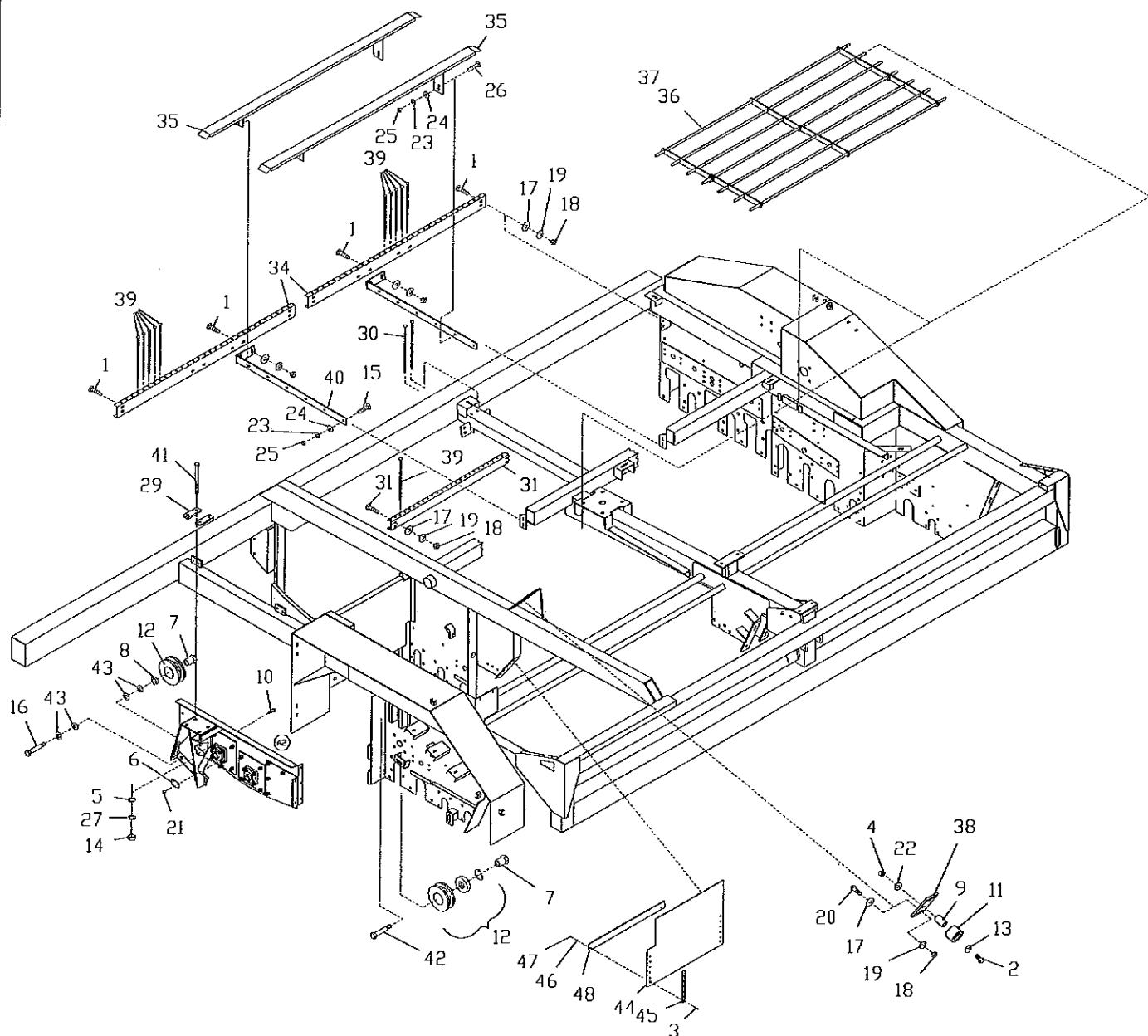
NOTE: FOR 28' ROWS
SEE PAGE 43
496640
496650
496660

ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	22	NUT, HEX 1/2 G5 ZN
2	005370	22	WASHER, LOCK 1/2
3	012260	2	BOLT, HHCS. 3/8x1.0 G5 ZN
4	020440	6	WASHER, LOCK 5/8
5	021180	6	WASHER, LOCK 3/8
6	021190	8	WASHER, FLAT .43x1.0x.08
7	021530	2	KEY, SQ. 3/8x2.0
8	027260	6	NUT, HEX 3/8 -16 G5 ZN
9	030470	10	BOLT, CRG. 1/2x1.25 SSN G5
10	035210	2	WASHER, FLAT .65x1.31x.09
11	037550	4	NUT, HEX NYL/LK 1/4
12	051670	2	PIN, COTTER HAIR .149x2.50
13	073630	5	NUT, HEX NYL/LK 3/8-16
14	120970	5	SCREW, HSSS NYLOK 3/8-16
15	121950	2	FLANGE, BRG. 1.62/1.75 4BLT.
16	223540	4	BOLT, HHCS 1/4x1.75 G5 ZN
17	231950	3	KEY, .38x2.75 WOODRUFF
18	263670	1	SHIELD ASSY, WHEEL CHAIN
19	286270	1	U-JOINT 1.75x1.38-21 SPL.
20	286580	1	GEARBOX, MAIN 1.93:1
21	496750	1	SHAFT, 1.75 x 61.00
22	287390	1	SHIELD WLD, MAIN GEARBOX
23	287520	1	SHAFT, L.H. DR. 1.75x74.25
24	287530	1	SHAFT, R.H. DR. 1.75x78.88
25	287540	1	SHIELD, SPIN L.H. 55.12
26	287550	1	SHIELD, SPIN R.H. 67.50
27	288130	1	BEARING, 1.75x85mm w/COL.
28	288320	1	STAR ROLL & DRIVE ASSY.
29	478060	1	692B MAIN, FRAME WLD
30	289240	1	BRACKET WELD, L.H. SUPT
31	395410	3	HINGE WELDMENT, PIVOT #1
32	395420	3	HINGE WELDMENT, PIVOT #2
33	289340	1	BRACKET, BEARING SUPT.
34	395380	1	SHIELD WELD, L.H. FRONT
35	395390	1	SHIELD WELD, L.H. REAR
36	395400	1	SHIELD WELD, TOP R.H.

FRONT FRAME ASSEMBLY, 692 (M478550-1)

37	395430		6	HINGE WELDMENT, SOCKET
38	289600		2	BAR WELD, COVER
39	289730		1	ROD, HINGE R.H. LOWER
40	289740		1	SHIELD WELD, R.H. LOWER
41	963130		-	90W GEAR OIL SAE 1.25 GAL
42	990600		6	BOLT, HHCS 5/8x1.25 G5 ZN
43	991150		6	BOLT, HHCS 3/8x4.0 G5 ZN
44	1770500		8	BOLT, HHCS 1/2x1.75 G5 ZN
45	E072489		2	BEARING, 1.75 4-HOLE FLG.
46	E504003		4	LATCH, RUBBER HUNTINGTON
47	E823023		2	U-JOINT, 35N 1.75x1.75
48	V060326		3	SCREW, HSSS 5/16x.75
49	020180		24	NUT, FLG.-LK. 3/8-16 G5 ZN
50	032840		24	BOLT, CRG. 3/8x.75 G5 ZN
51	238420		2	BEARING, PB 1-3/4
52	991200		2	BOLT, CRG. 1/2-13x2.0
53	478300		2	BAR WLDT, COVER 692
54	475250		2	HANDLE WLDT, 690B
92	478320		2	BRACKET, CENTER COVERS
93	477490		1	BRACKET, LH COVER HOLDER
94	477500		1	BRACKET, RH COVER HOLDER
95	035180		4	BOLT, CRG 3/8-16 x 1-1/4
96	007080		4	BOLT, 1/2-13 x 2-1/2
97	005200		4	WASHER, 1/2 FLAT STD
98	477570		1	BRACKET, SHIELD
99	496850		2	SHIELD, SPIN 2.40 x 25.19
100	025390		2	BOLT, CRG 1/2-13 x 1-3/4
101	496890		2	SHIM, BAR
		8 ROW	6 ROW	
55	19413967	112	84	NUT, LOCK 1/2-13 TOP LOCK
56	014770	48	36	BOLT, HHCS 1/2-13 x 1-1/2
57	023950	64	48	BOLT, HHCS 1/2 x 2 Gr5
58	248800	24	18	PADDLE, RUBBER
59	273280	24	18	STRAP, PADDLE .125x2x7.75
60	354220	8	6	PADDLE WLDT, RH DOUBLE
61	354230	8	6	PADDLE WLDT, LH DOUBLE
62	354240	8	6	PADDLE WLDT, RH SINGLE
63	354250	8	6	PADDLE WLDT, LH SINGLE
64	289870	1	-	BRACKET, BARRIER LH
65	489810	-	1	BARRIER ASSY,LH 28-30" ROWS
66	289880	1	-	BRACKET, BARRIER RH
67	489800	-	1	BARRIER ASSY,RH 30" (SEE NOTE)
68	446320	6	-	BARRIER ASSY, 22" ROW
69	446330	-	4	BARRIER ASSY, 28-30" ROW
70	477530	8	6	COVER, RUBBER
71	481620	8	6	BRACKET, COVER
72	030030	40	30	BOLT, HHCS 5/16-18x1-1/4
73	023620	40	30	WASHER, LOCK 5/16
74	023630	40	30	NUT, HEX 5/15-18x1-1/4
75	005360	64	24	NUT, HEX 1/2-13 Gr5
76	005370	64	24	WASHER, 1/2 LOCK
77	290890	32	12	BOLT, U 1/2-13x2-1/16
78	264980	8	6	STRAP, COVER
79	244670	1	-	STRAP, CNTR 22" ROWS
80	244730	-	1	STRAP, CNTR 28-30" ROWS
81	244650	1	-	FLAP, CTR, 22" ROWS
82	252120	-	1	FLAP, CTR 28-30" ROWS
83	011370	4	4	BOLT, HHCS 3/8-16x1-1/2
84	073630	4	7	NUT, LOCK 3/8-16 NYL HEX
85	1120394	8	14	WASHER, FLAT 3/8 SAE
86	242380	-	1	PLATE, CNTR BARRIER 28-30" ROWS
87	242340	-	1	FILLER, RIGHT (28" ONLY)
88	006690	-	3	BOLT, HHCS 3/8-16x1-1/4
89	289480	4	6	WASHER, FLAT .41x.81x.05
90	289880	1	-	BRACKET, BARRIER RH, 22" ROWS
91	289870	1	-	BRACKET, BARRIER LH, 22" ROWS

REAR FRAME ASSEMBLY 692 (M425970B)

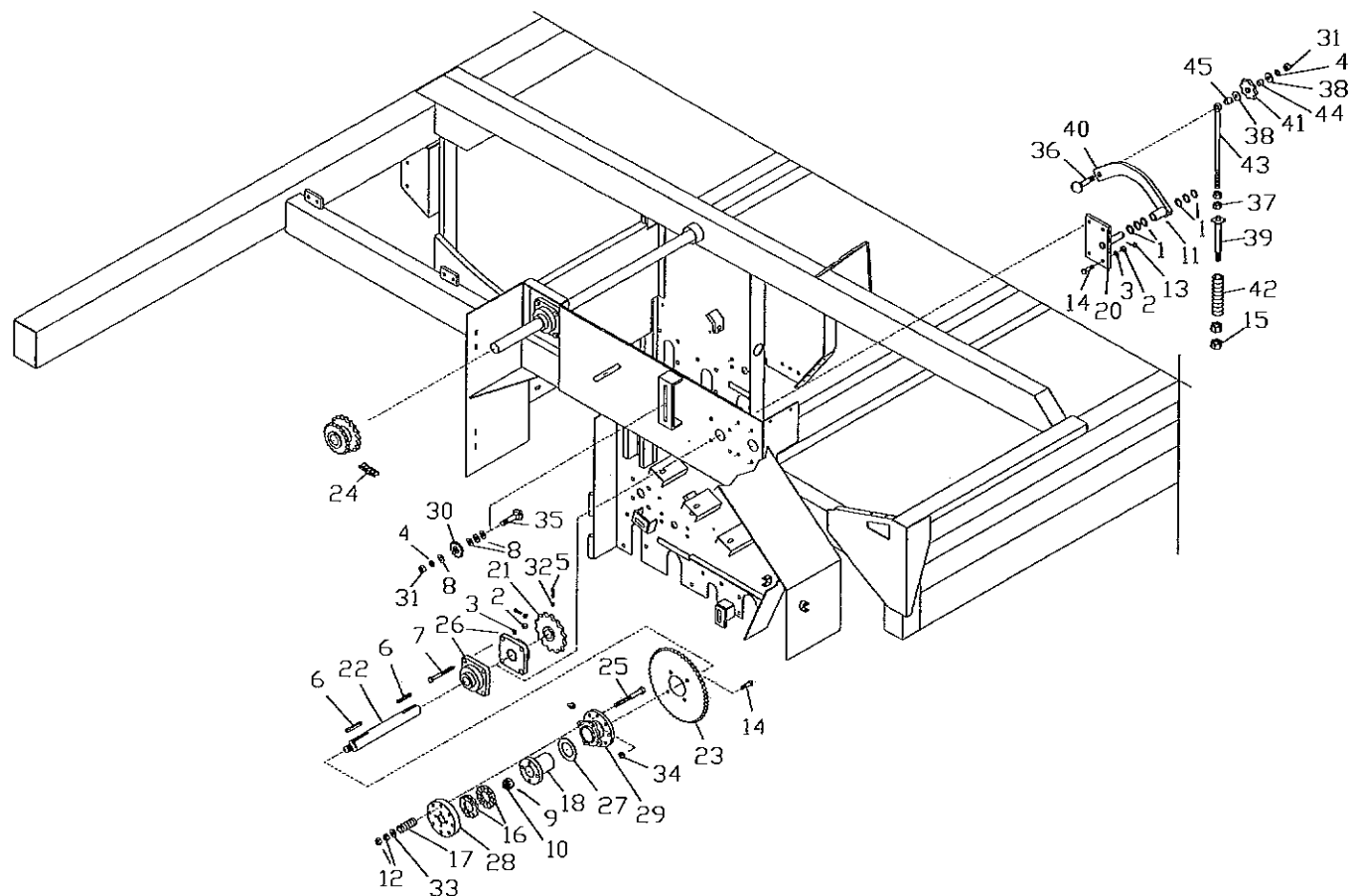


ITEM	PART NUMBER	QTY	DESCRIPTION
1	E096046	16	BOLT, CRG. 1/2x1.50 G5 ZN
2	028330	1	BOLT, HHCS. 5/8x4-1/2 G5 ZN
3	030030	10	BOLT, HHCS 5/16x1.25 GR5,ZN
4	I124589	1	NUT, 5/8 HEX
5	I131017	4	WASHER, FLAT 3/4
6	JN144839	1	STRAP
7	JN144757	3	NUT, GUIDE WHEEL 1 UNC
8	JN144623	2	SPACER
9	413980	1	SPACER, 1.25 ODx.687 ID
10	JN10214	2	SCREW, FLGLK 3/8x1.0
11	413970	1	ROLLER ASSEMBLY
12	385500	3	WHEEL GUIDE ASSEMBLY
13	035210	1	WASHER, 5/8 FLAT SAE
14	J14H794	4	NUT, HEX 3/4-10 G5 ZN
15	J03H1558	2	BOLT, CRG. 3/8x1.50 G5 ZN
16	R66338	2	BOLT,HHCS 1x3.0 G5 ZN
17	005200	18	WASHER, FLAT .56x1.38x.109
18	005360	18	NUT, HEX 1/2 G5 ZN

REAR FRAME ASSEMBLY 692 (M425970B)

ITEM	PART NUMBER	QTY	DESCRIPTION
19	005370	18	WASHER, LOCK 1/2 ZN
20	014770	4	BOLT, HHCS 1/2x1.50 G5 ZN
21	020180	2	NUT, FLNG LOCK 3/8
22	020440	1	WASHER, LOCK 5/8 ZN
23	021180	6	WASHER, LOCK 3/8
24	021190	6	WASHER, FLAT .43x1.0x.08
25	027260	6	NUT, HEX 3/8 G5 ZN
26	035180	4	BOLT, CRG, SSN 3/8x1.25 G5
27	036800	4	WASHER, LOCK 3/4
28	-	-	-
29	263890	2	STRAP, ROLLER MOUNT
30	264190	2	RDD GRATE 16.50
31	290650	1	CHANNEL, GRATE FENCE
32	288330	1	PADDLE SHAFT/DRIVE ASSY.
33	-	-	-
34	289200	2	GRATE, CHANNEL
35	290200	2	CHANNEL WELD, SLIDE SUPT.
36	289530	1	GRATE ASSEMBLY, L.H.
37	289550	1	GRATE ASSEMBLY R.H.
38	344530	1	BRACKET, GUIDE ROLLER
39	347540	89	RDD, GRATE 14.75
40	347740	2	BRACKET WELD, MOUNTING
41	991050	4	BOLT, HHCS 3/4x8.50 G5 ZN
42	V055646	1	BOLT, HHCS 1x5.5 G5 ZN
43	1107389	8	WASHER, FLAT 1.06x2.0x.13
44	290660	1	COVER, RUB DIVERter ROLL
45	264980	2	STRAP, COVER
46	023620	10	WASHER, LOCK 5/16"
47	023630	10	NUT, HEX 5/16-18 GR5,ZN
48	395940	1	BAR, DIVERter STRIPPER

WHEEL DRIVE ASSEMBLY, 692 (M287890B)

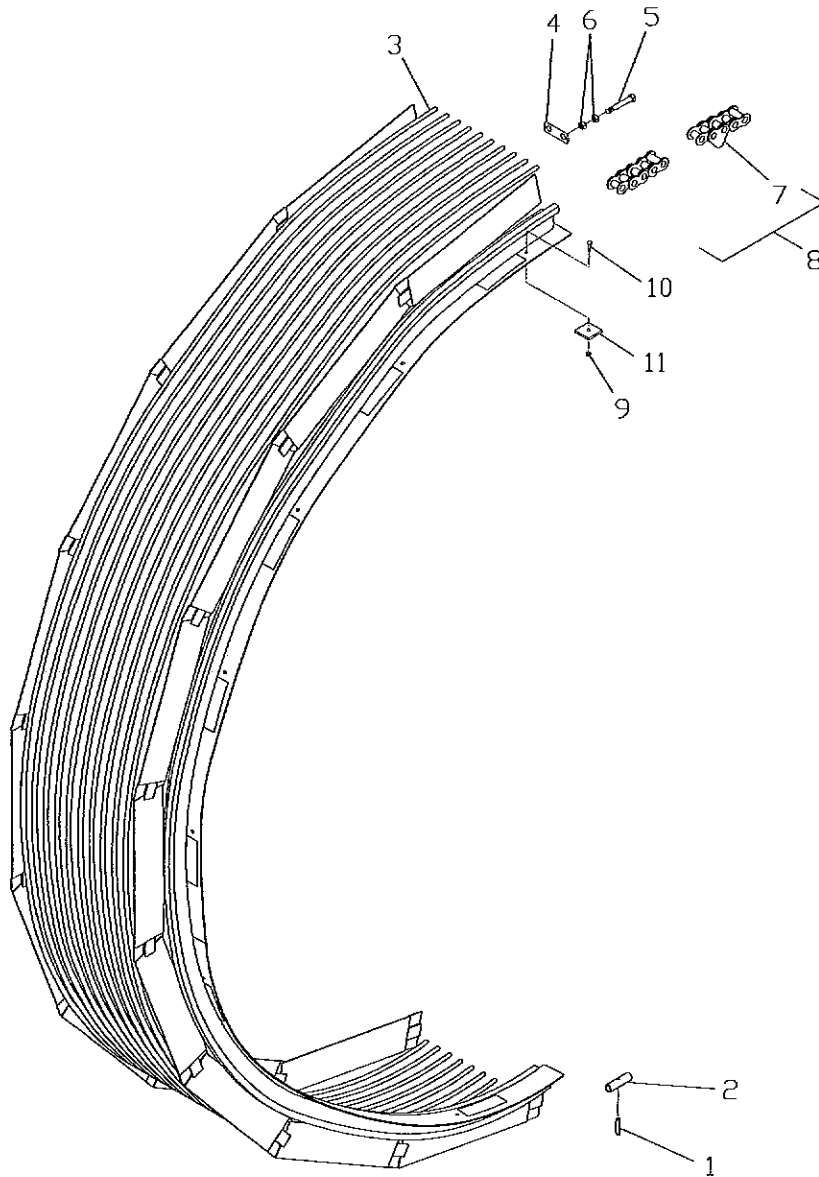


ITEM	PART NUMBER	QTY	DESCRIPTION
1	003370	10	WASHER, FLAT 1.03x1.50x.048
2	005360	8	NUT, HEX 1/2 G5 ZN
3	005370	8	WASHER, LOCK 1/2 ZN
4	020440	2	WASHER, LOCK 5/8 ZN
5	022520	2	SCREW, SSHS 3/8x1.0 PL
6	030380	2	KEY, SQ 3/8x3.0
7	030420	4	BOLT, HHCS 1/2x4.50 G5 ZN
8	020430	4	WASHER, FLAT .69x1.75x.134
9	040900	1	PIN, ROLL 3/16x1.62 ZN
10	042110	1	NUT, SLOTTED HEX 1" G5 ZN
11	049180	1	ZERK, TPR-THD 1/4-28
12	1121555	8	NUT, HEX JAM 5/8"
13	124340	1	PIN, COTTER 3/16x1.50 ZN
14	1770500	4	BOLT, HHCS 1/2x1.75 G5 ZN
15	1774107	2	NUT, HEX 1" G5 ZN
16	225040	2	JAW, HARD'ND SLIP CLUTCH
17	239080	4	SPRING, COMP. SLIP CLUTCH
18	238430	1	HUB WELD, SLIP CLUTCH
19	264890	2	WHEEL ASSEMBLY, HALF
20	265750	1	PIVOT WELDMENT, IDLER
21	265780	1	SPROCKET ASSY, CA550 14T
22	265810	1	SHAFT, WHL-DR 1.75x15.38
23	265830	1	SPROCKET, PLATE RC60 52T
24	287830	1	CHAIN ASSY, RC60HX144P

WHEEL DRIVE ASSEMBLY, 692 (M287890B)

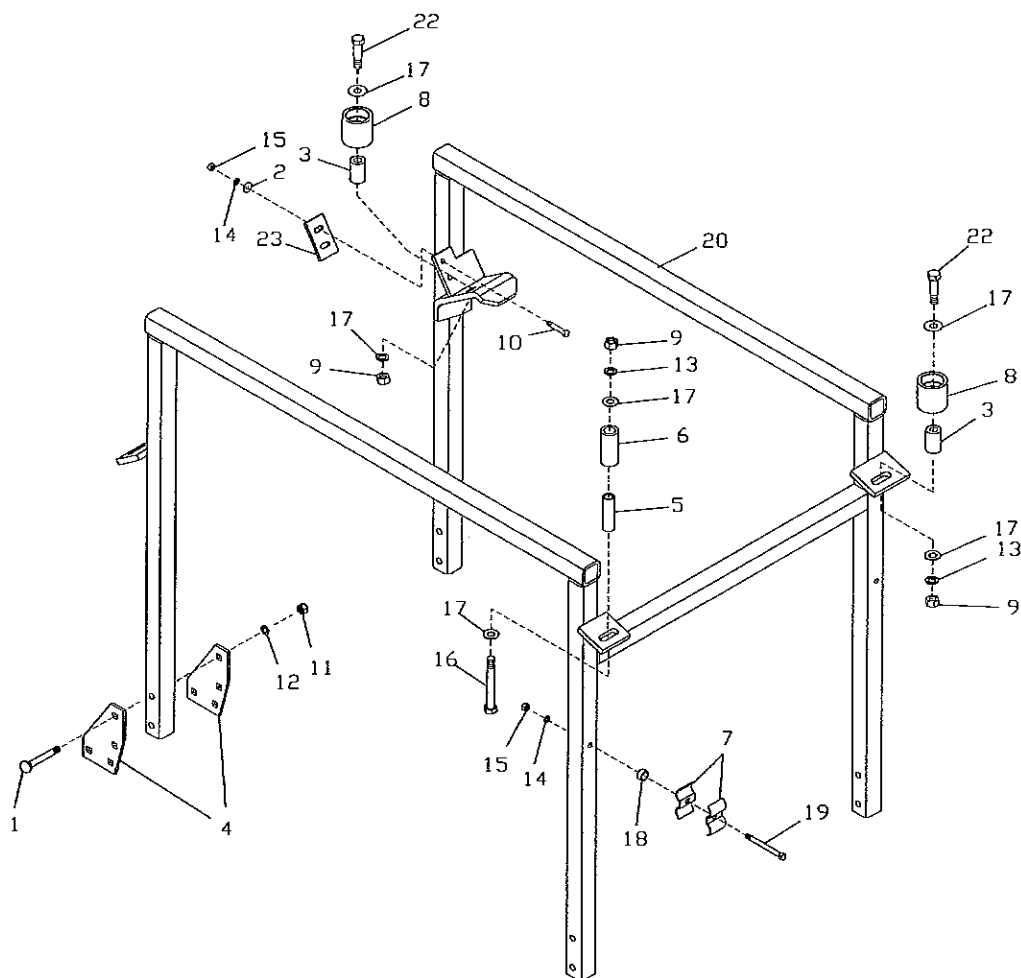
ITEM	PART NUMBER	QTY	DESCRIPTION
25	201660	4	BOLT, HHCS 5/8x6.0 G5 ZN
26	E072489	2	BEARING, 1.75 4-BOLT FLG
27	E126201	1	BUSHING, MACH 2.5x3.87x.134
28	411260	1	FLANGE WELDMENT, SPRING
29	411410	1	HOUSING ASSEMBLY, CLUTCH
30	E366013	1	SPROCKET, IDLER 60B13
31	I124589	1	NUT, HEX 5/8 G5 ZN
32	I124829	2	NUT, HEX JAM 3/8" G5 ZN
33	I25547R1	4	WASHER, HDN .66x1.31x.18
34	I9413967	4	NUT, LOCK 1/2" G5 CP
35	J03H1857	1	BOLT, CRG 5/8x2.75 SN G5
36	J03H1858	1	BOLT, CRG 5/8x3.50 SN G5
37	J14H794	2	NUT, HEX 3/4" G5 ZN
38	J24H1373	2	WASHER, FLAT .66x1.56x.18
39	JAN142300	1	TUBE ASSY, SPRING ADJ.
40	JAN142313	1	ARM ASSEMBLY, PIVOT
41	JAN142341	1	SPROCKET ASSEMBLY, 8T
42	JN109877	1	SPRING, COMP 1.12x1.84x7.8
43	JN146355	1	EYEBOLT, 3/4x14.50 ZN
44	JN147291	1	BUSHING, .88x.66x.62
45	JN7205DN	1	SPACER, .88x.66x.88

FERRIS WHEEL ASSEMBLY (MWHL690B)



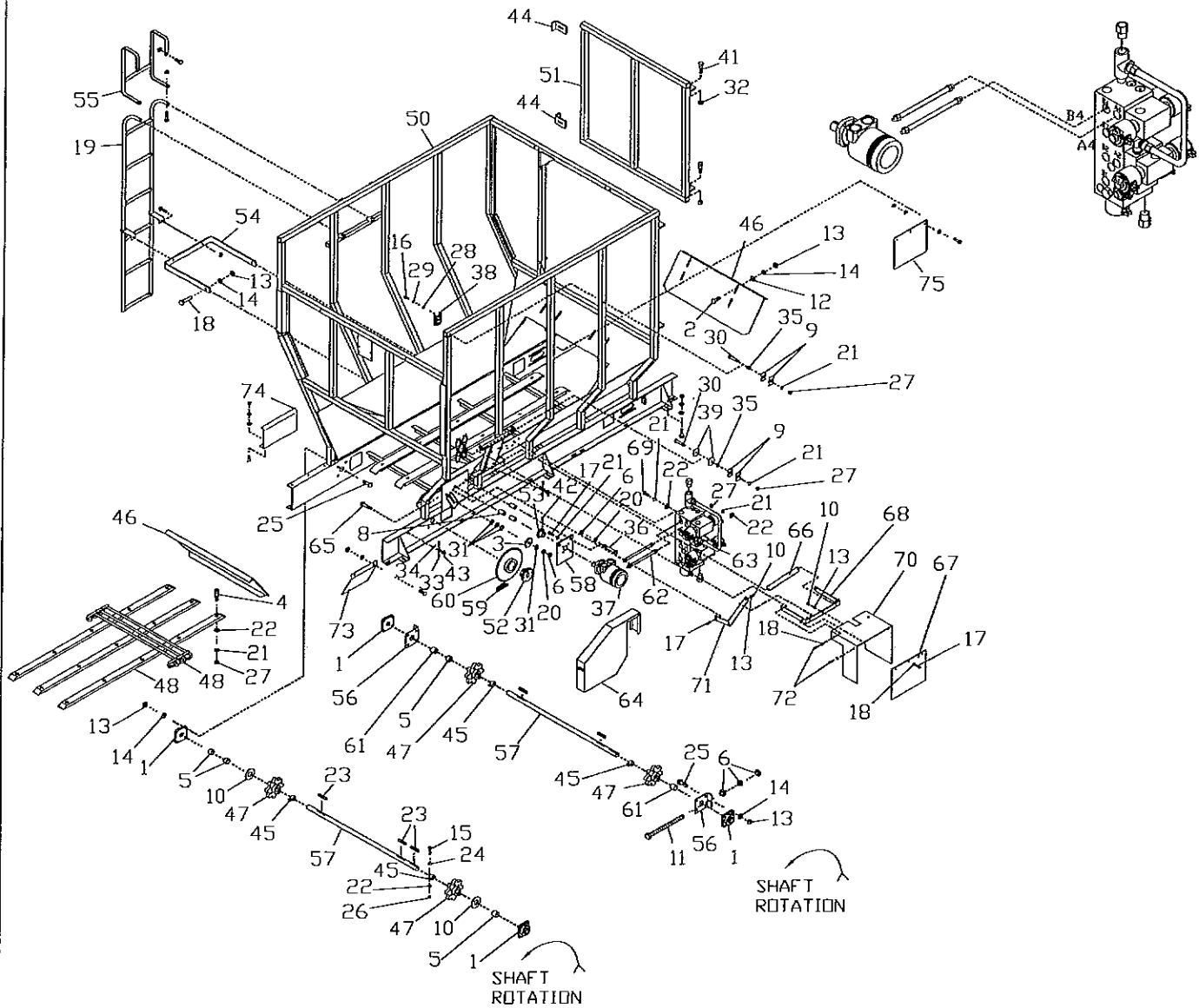
ITEM	PART NUMBER	QTY	DESCRIPTION
1	J34H280	-	PIN, SPRING 3/16"x7/8" ZN
2	JN144790	20	CONNECTOR
3	264890	2	WHEEL ASSEMBLY, HALF
4	JN145108	8	STRAP, ROCKER
5	J19H2969	-	BOLT, HHCS 5/8"-11x3-1/2" GR8 ZN
6	1121555	-	NUT, JAM 5/8"-11 HEX ZN
7	JAN141870	19	CHAIN, LINK K19 FOR CA550
8	433700	1	CHAIN ASSY, WHL DRV CA550, SS PINS, 266 LINKS
9	020190	-	NUT, LOCK 5/16-18 FLANGE HEX GR5 ZN
10	J03H2106	-	BOLT, CARRIAGE 5/16"-18x7/8" GR5 ZN
11	JN144807	18	BLOCK, REPLACEMENT
12	JN144693	1	ROD, BUCKET
13	427700	OPTION	KIT, WHEEL CLEANER FLAP
*	346720	18	FLAP, RUBBER WHEEL CLEANER
*	427690	18	ANGLE, WHEEL FLAP
*	1070043	90	SCREW, SELF TAPPING, 1/4 x 3/4

TOWER ASSEMBLY (M498370)



ITEM	PART NUMBER	QTY	DESCRIPTION
1	J03H1598	16	BOLT, CRG. 1/2-13 X 3.25 G5 ZN
2	021190	2	WASHER, FLAT 3/8
3	413980	2	SPACER, 1.25 O. D. x. 687 ID
4	498210	8	BRACKET, TOWER SUPPORT
5	JN144798	2	TRUNION WHEEL RETAINER
6	JN144799	2	ROLLER WHEEL RETAINER
7	413050	4	CLAMP, HOSE-SHORT
8	413970	2	ROLLER ASSY, WHEEL RETAINER
9	I124589	4	NUT, 5/8-11 HEX GR. 5 ZN
10	011370	2	HHCS 3/8 x 1-1/2
11	005360	16	NUT, 1/2-13 HEX GR. 5 ZN
12	005370	16	WASHER, 1/2 LOCK ZN
13	020440	4	WASHER, 5/8 LOCK ZN
14	021180	4	WASHER, LOCK 3/8 ZN
15	027260	4	NUT, HEX 3/8-16 G5 ZN
16	031490	2	BOLT, 5/8-11x5 HHCS GR. 5 ZN
17	035210	7	WASHER, .656x1.312x.095 FLAT ZN
18	P98458	2	SPACER, SPLIT PIPE
19	991150	2	BOLT, HHCS 3/8-16 X 4.0 G5 ZN
20	498360	1	TOWER WELDMENT, WHEEL RETAINER
21			
22	028330	2	BOLT, HHCS 5/8-11 X 4-1/2 G5 ZN
23	498310	1	PLATE, SCRAPER

TANK DRIVE ASSEMBLY (M498690)

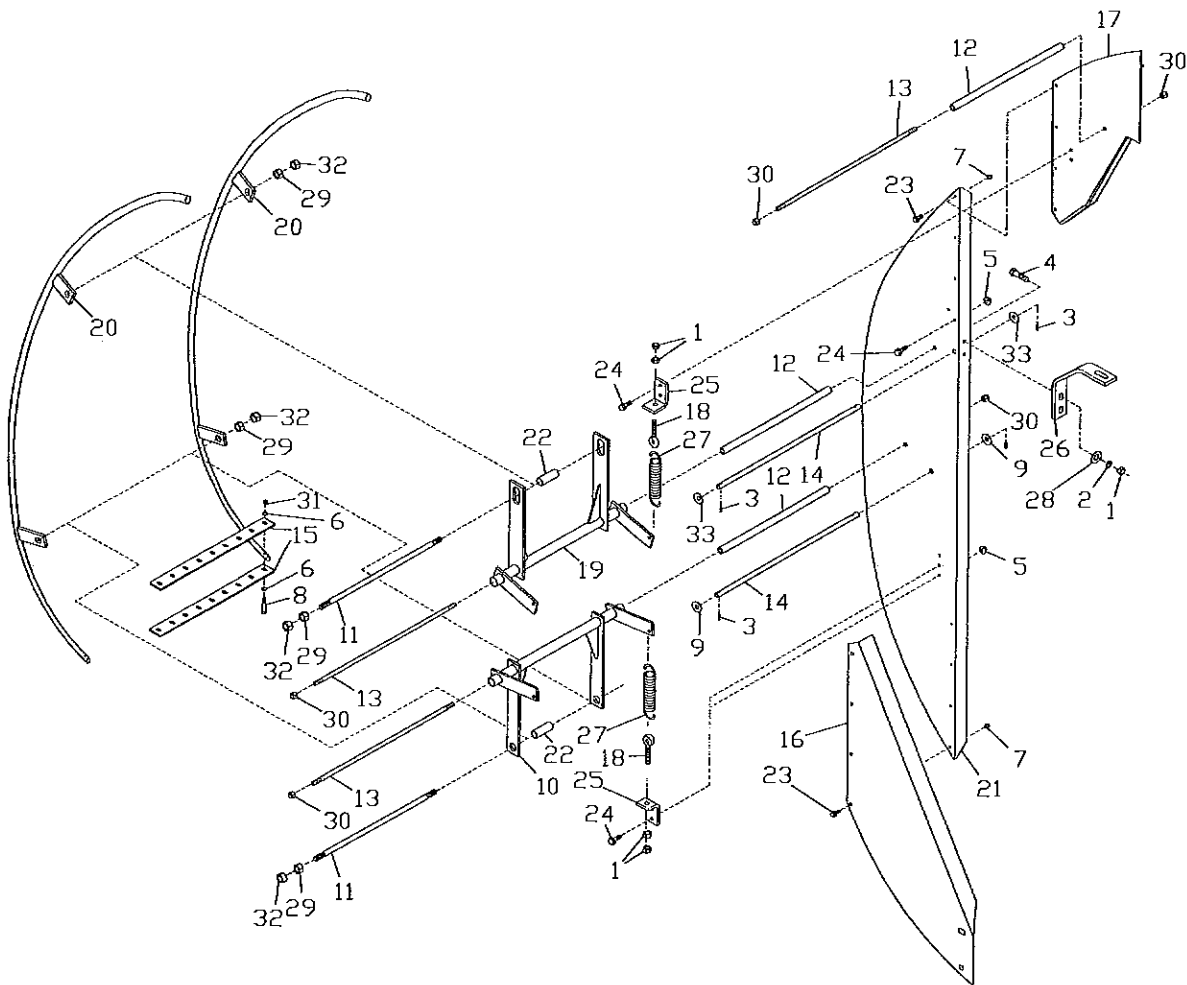


ITEM	PART NUMBER	QTY	DESCRIPTION
1	E072103	4	BEARING, FLG. 1-7/16 BORE
2	E096046	4	BOLT, CRG. 1/2x1.50 G5 ZN
3	E366013	1	SPROCKET, IDLER 60B13
4	395840	15	SCREW, CSK-SLHD 3/8x1.25
5	E724073	4	SPACER, BU. 1.44x1.75x1.125
6	I124589	10	NUT, HEX 5/8-11 G5 ZN
7	I486801R1	2	WASHER, NT .53x2.25x.25 ZN
8	JN147304	3	SPACER
9	413050	4	CLAMP, HOSE-SHORT
10	R61502	2	WASHER, FLAT 1.50x3.25x.179
11	R66168	2	BOLT, ADJ. 5/8x6.50
12	005200	4	WASHER, FLAT .56x1.38x.109
13	005360	16	NUT, HEX 1/2-13 G5 ZN
14	005370	16	WASHER, LOCK 1/2 ZN
15	005900	4	BOLT, HHCS 5/16x1.0 G5 ZN
16	011990	2	SCREW, RDHD 1/4x.75 G2 ZN
17	012260	9	BOLT, HHCS 3/8x1.0 G5 ZN
18	014770	2	BOLT, HHCS 1/2x1.50 G5 ZN
19	019090	1	LADDER ASSEMBLY
20	020440	4	WASHER, LOCK 5/8 ZN
21	021180	30	WASHER, LOCK 3/8

TANK DRIVE ASSEMBLY (M498690)

ITEM	PART NUMBER	QTY	DESCRIPTION
22	021190	22	WASHER, FLAT .44x1.0x.083
23	021530	5	KEY, SQ. .38x2.0
24	022920	8	WASHER, FLAT .38x.88x.083
25	025390	16	BOLT, CRG. 1/2x1.75 G5 ZN
26	025670	4	NUT, HEX-LK 5/6-18 G5 ZN
27	027260	22	NUT, HEX 3/8-16 G5 ZN
28	027660	2	NUT, HEX 1/4-20 G5 ZN
29	029440	2	WASHER, LOCK 1/4
30	029930	2	BOLT, HHCS 3/8x2.25 G5 ZN
31	035210	11	WASHER, FLAT .66x1.31x.095
32	037540	4	NUT, HEX-LK 1/2-13 G5 ZN
33	037550	2	NUT, NYLON-LK HEX 1/4-20
34	047000	2	BOLT, HHCS 1/4x1.50 G5 ZN
35	P98458	2	SPACER, SPLIT PIPE
36	056720	3	BOLT, HHCS 5/8x4.0 G5 ZN
37	343990	1	MOTOR, HYD. 24 CU. IN.
38	167330	1	BRACKET, SMV EMBLEM MTG.
39	169280	2	WASHER, FLAT .406x1.50x.12
40	344210	1	ADAPTER, 90°ST.L 3/4 D MF
41	1770500	2	BOLT, HHCS 1/2x1.75 G5 ZN
42	188650	2	SCREW, NY-LK AHSS 5/16x.31
43	205650	2	HOOK, RUBBER
44	229720	2	BRACKET, DOOR LOCK
45	234380	4	CLAMP, 1.44 SPROCKET HOLD
46	239580	2	CHANNEL, TANK GATE
47	240490	4	SPROCKET&HUB ASSY, 1.44B8T
48	260470	81	CHAIN, DRAPER .62x2.38Px40
49	265550	3	STRIP, WEAR
50	265860	1	TANK WELDMENT, 690
51	268320	1	DOOR WELDMENT, L.H.
52	268590	1	BUSHING, SF 1-7/16 RND
53	268610	1	SPROCKET, RC60 12T
54	268620	1	BRACKET, LADDER
55	268750	1	LADDER ASSY, EXTENSION
56	269320	2	BRACKET, BEARING ADJ.
57	269990	2	SHAFT, DRIVE 1-7/16
58	270000	1	PLATE, MOTOR MOUNT
59	277730	1	CHAIN ASSY, RC60Hx66P
60	342840	1	SPROCKET, 60SF42 W/QD BU.
61	343350	2	SPACER, 1.44x1.75x1.62
62	393900	2	HOSE ASSY, HYD. .62x26.0
63	498680	1	VALVE MNFLD MN 2000/692
64	382850	1	SHIELD WELD, TANK DRIVE
65	990660	1	BOLT, CRG. 5/8x3.25 G5 ZN
66	442870	1	SUPPORT, VALVE FLAP
67	442880	1	FLAP, VALVE
68	442890	1	BRACKET, FORMED FLAP
69	006690	4	BOLT, HHCS 3/8x1.25 G5 ZN
70	442900	1	FLAP, VALVE SIDES
71	442930	1	WELDMENT, FLAP BRACKET
72	011370	4	BOLT, HHCS 3/8-16 x 1-1/2

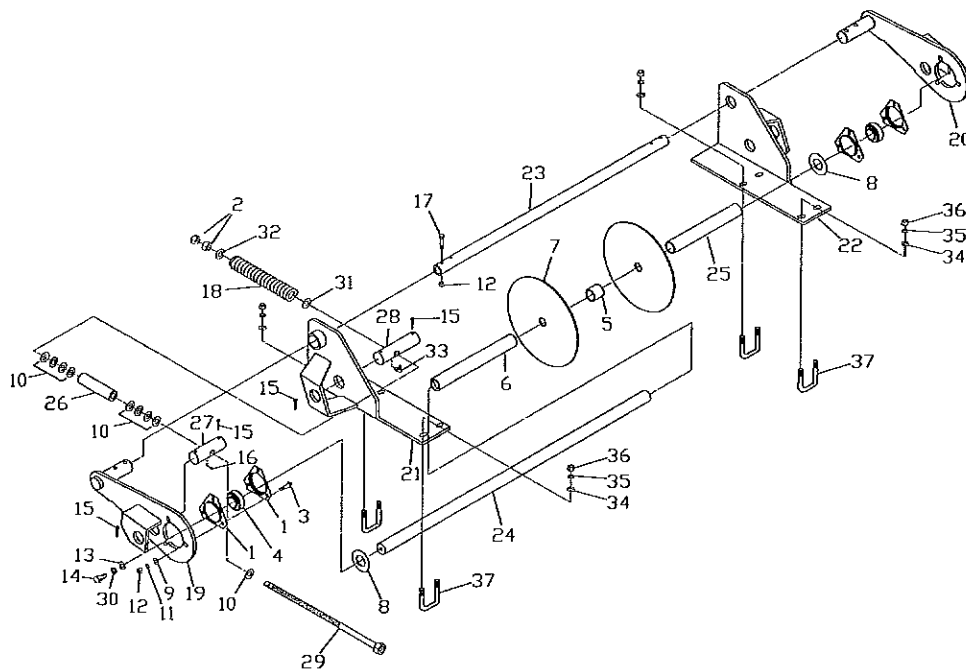
RETAINER ASSEMBLY 690 & 692 (M290900)



RETAINER ASSEMBLY 690 & 692 (M290900)

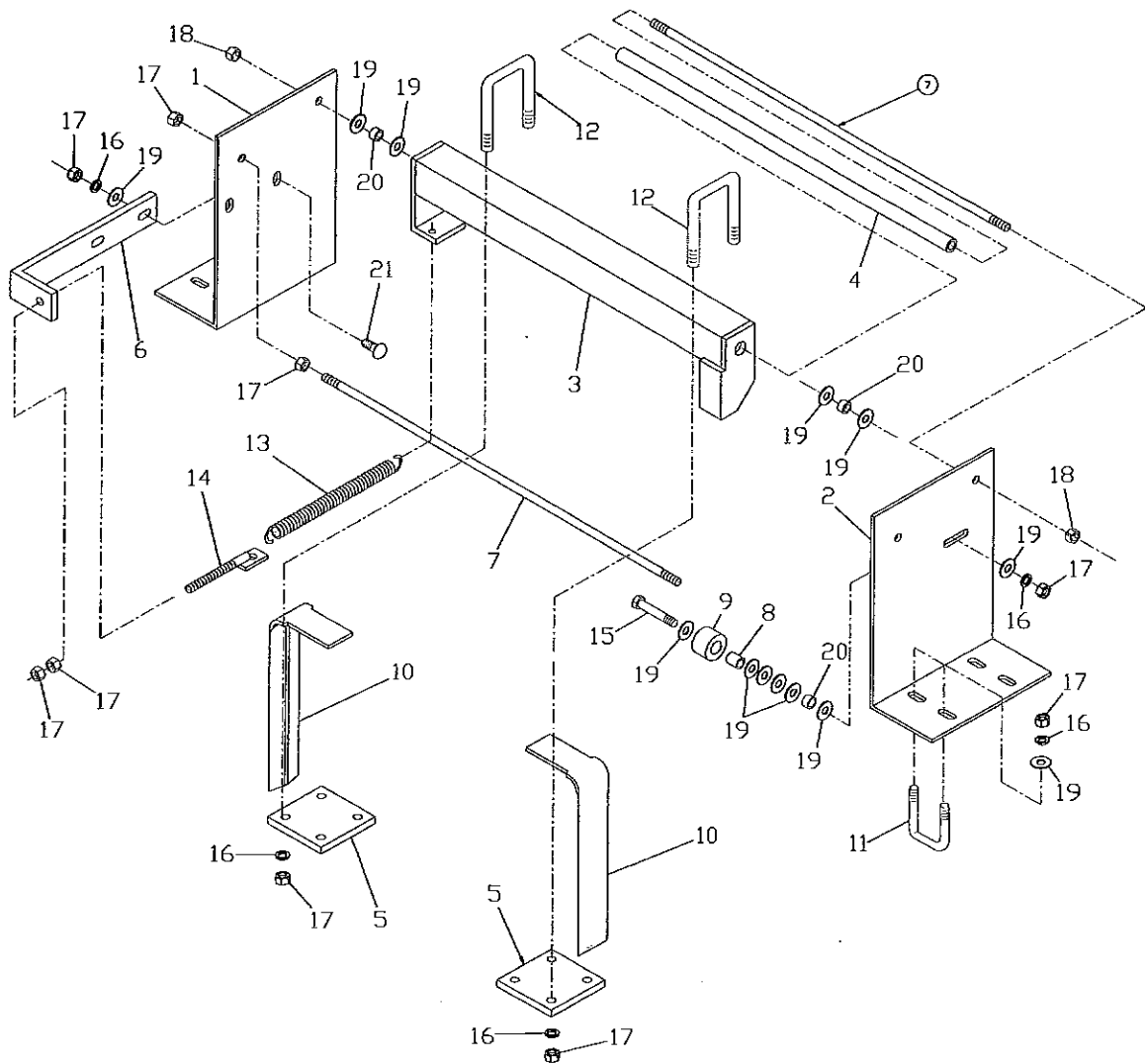
ITEM	PART NUMBER	ITEM	DESCRIPTION
1	005360	16	NUT HEX 1/2 G5 ZN
2	005370	8	WASHER, LOCK 1/2 ZN
3	012550	4	PIN, EXPANSION 1/4x1.25
4	014770	8	BOLT, HHCS 1/2x1.50 G5 ZN
5	020180	10	NUT, HEX FLG LK 3/8 G5
6	021190	18	WASHER, FLAT .44x1.00x.083
7	025670	14	NUT, HEX LK 5/16 G5
8	029930	9	BOLT, HHCS 3/8x2.25 G5 ZN
9	035210	2	WASHER, FLAT .66x1.31x.095
10	263920	1	PIVOT ASSEMBLY, RETAINER
11	263940	2	ROD, RET. SUPT. 5/8x21.0
12	263950	3	SPACER, .88x.56x23.0
13	263960	3	ROD, RET. PIVOT .50x25.0
14	263970	2	ROD, RET. STOP .88x25.0
15	264010	2	STRAP, RETAINER
16	286180	1	SIDE WELD, L.H. LOW HOP
16	286190	1	SIDE WELD, R.H. LOW HOP
17	290910	1	SIDE WELD, L.H. UPPER RET.
17	290920	1	SIDE WELD, R.H. UPPER RET.
18	290930	4	BOLT, EYE 1/2x3.50
19	290940	1	PIVOT WELD, UPPER RET.
20	290960	9	ROD WELDMENT, RETAINER
21	342600	1	SIDE WELD, L.H. RETAINER
21	342610	1	SIDE WELD, R.H. RETAINER
22	J28H2612	16	SPACER BLK. PIPE 3/4x2.00
23	JN10212	15	SCREW, HX FLG 5/16x.75 G5
24	JN10214	10	SCREW, HXFLGLK 3/8x1.0 G5
25	JN144004	4	BRACKET, SPRING
26	JN144650	2	BRACKET, RETAINER
27	394890	4	SPRING, EXTENSION
28	I120396	8	WASHER, FLAT .53x1.06x.074
29	I124589	4	NUT, HEX 5/8 G5 ZN
30	I9413967	6	NUT HEX LOCK 1/2 G5 ZN
31	I9411655	9	NUT, HEX LOCK 3/8 G5 ZN
32	038850	4	NUT, HEX LOCK 5/8 G5 ZN
33	I21471R1	2	WASHER, FLAT 21/32x1x1/8

STRIPPER, 690/692 (M412200)



ITEM	PART NUMBER	QTY	DESCRIPTION
1	E281004	4	FLANGETTE, BRG. 3 HOLE
2	I124589	4	NUT, HEX 5/8-11 GR5 ZN
3	J03H1558	6	BOLT, CRG. 3/8-16x1-1/2 GR5
4	JJD9275	2	BEARING, WIDE INNER RING
5	JN144893	10	SPACER, ROTARY STRIPPER
6	416660	1	SPACER, 1.90 ODx1.52 IDx10.0
7	JN144896	11	DISK, ROTARY STRIPPER
8	R61502	3	WASHER, FLAT 1-3/8 STD.
9	I120394	6	WASHER, FLAT 3/8 SAE
10	020430	12	WASHER, FLAT 5/8 STD.
11	021180	6	WASHER, LOCK 3/8 ZN
12	023060	10	NUT, LOCK 3/8-16 GR5 ZN
13	I486801R1	2	WASHER, FLAT 17/32x2x1/4
14	010730	2	BOLT, HHCS 1/2-13x1.25
15	114370	8	PIN, COTTER 1/4x2 ZN
16	115590	2	ZERK, 1/4-28 TAPER DRIVE
17	037630	4	BOLT, HHCS 3/8-16x2.5 GR5
18	258560	2	SPRING, COMPR. 1.31x1.88
19	415140	1	ARM WLDT., RH STRIPPER
20	415150	1	ARM WLDT., LH STRIPPER
21	415160	1	MOUNT WLDT., RH STRIPPER
22	415170	1	MOUNT WLDT., LH STRIPPER
23	416670	1	TUBE, TORQUE STRIPPER 690
24	416680	1	AXLE, DISK MOUNT STRIPPER
25	416690	1	SPACER, 1.90 ODx1.52 IDx8.69
26	462130	2	STOP, STRIPPER TUBE
27	415220	2	PIVOT, CENTER ARM STRIP
28	415230	2	PIVOT, CENTER MOUNT STRIP
29	415240	2	BOLT WLDT., 5/8x23x12 THD
30	005370	2	WASHER, LOCK 1/2 ZN
31	I21905R1	2	WASHER, 21/32x1-3/4x1/4
32	340310	2	WASHER, 21/32x2x1/4
33	1100756	2	ZERK, 1/4-28x90°
34	005200	8	WASHER, FLAT 1/2 STD
35	005360	8	NUT, HEX 1/2-13 Gr5 ZN
36	005370	8	WASHER, LOCK 1/2 ZN
37	290890	4	BOLT, U 1/2-13 x 2-1/16 x 3

KIT, CLEANER-KNIFE FERRIS WHEEL (M429610)



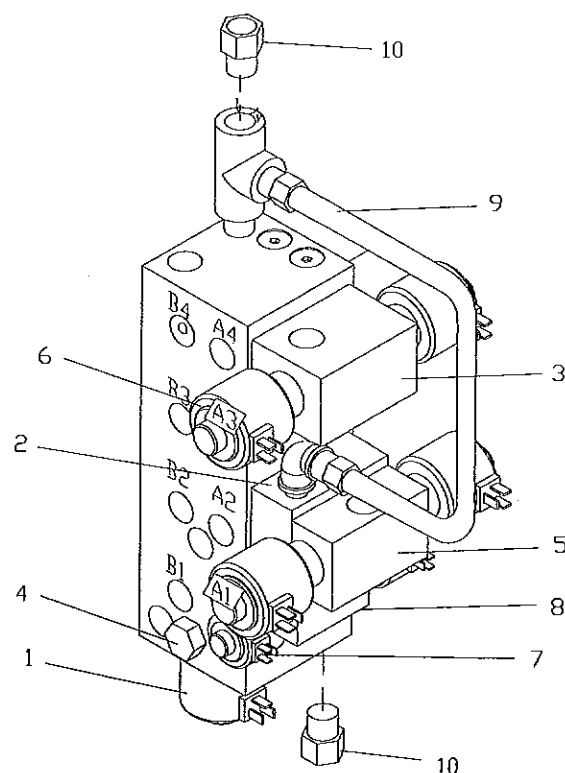
ITEM	PART NUMBER	QTY	DESCRIPTION
1	429720	1	ANGLE, SUP'T SPRING
2	429730	1	ANGLE, SUP'T CUSHION
3	429740	1	TUBE WELDMENT
4	429780	1	TUBE, PIVOT .88X.56X27.06
5	429790	2	PLATE, CLAMP
6	429800	1	BAR, SPRING SUP'T
7	395060	2	ROD, THRD.
8	429810	1	SPACER, CUSHION
9	248290	1	PAD, FLEX
10	E392001	2	KNIFE, SCALPER
11	290890	4	U-BOLT, 1/2x2x3
12	429820	4	U-BOLT, 1/2x2-1/2x3-3/4
13	E738016	1	SPRING
14	376540	1	BOLT, WLD'T, 1/2-13
15	990840	1	BOLT, HHCS 1/2 X 3
16	005370	19	WASH., LK. 1/2
17	005360	23	NUT, HEX 1/2
18	I9413967	2	NUT, HEX LK 1/2
19	005200	23	WASHER, 1/2 FLT.
20	231030	3	SPACER, .75 X .51 X .38
21	E096046	2	BOLT, SNCB 1/2 X 1-1/2

CONTROL VALVE ASSEMBLY & SEAL KITS (M395820)

SEAL KITS

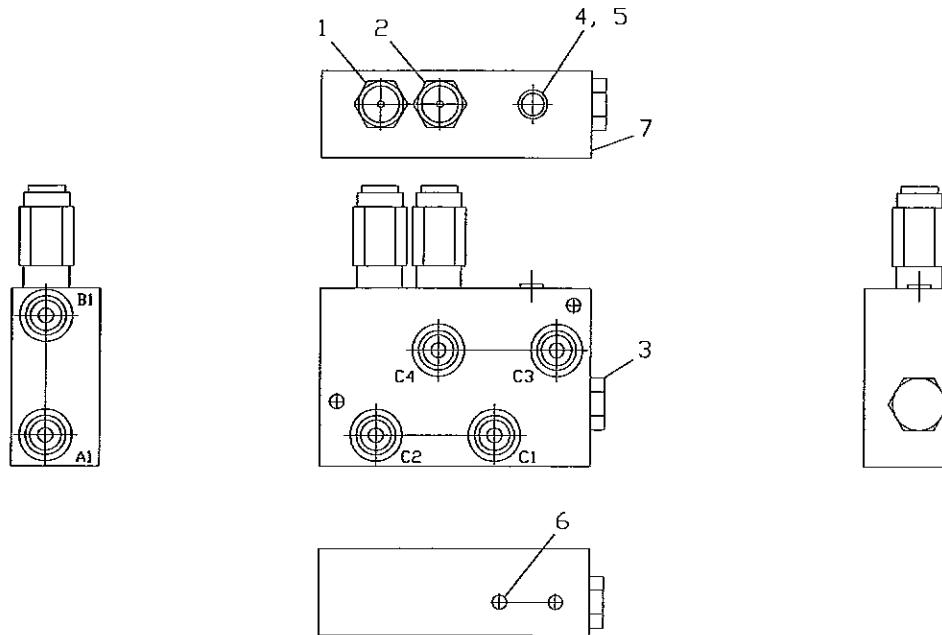
ITEM	PART NUMBER	DESCRIPTION
1	243040	SEAL KIT FOR 343990 HYDRAULIC MOTOR
2	355350	SEAL KIT FOR E222002, CROSS 3 X 4 HYDRAULIC CYLINDER
3	409230	SEAL KIT FOR 480480 HYDRAULIC MOTOR
4	472630P	SEAL KIT FOR 433810, CROSS 4x8 HYD CYL

MAIN VALVE-498680



ITEM	PART NUMBER	QTY	DESCRIPTION
1	457730P	1	N.O. SOL VALVE-OPEN CENTER
*	457720P		CAVITY PLUG FOR CLOSED CENTER
2	457680P	1	SUN CBI CROSS PORT RELIEF VALVE
3	501290P	1	DO5 4-WAY SOL VALVE
4	457690P	1	REGULATOR, FLOW CONTROL
5	460350P	1	DO5 4-WAY SOL VALVE (P-T BLOCKED)-W/ SOFT SHIFT
6	397030P		COIL, DO5 VALVE
7	488960P		COIL, DO3 VALVE
8	457710P	1	DO3 4-WAY SOL VALVE
9	468860P	1	TUBE, ASSEMBLY
10	407700	2	FITTING, HYD ADAPTOR, 7/8 OR M TO 3/4 OR F

CONTROL VALVE ASSEMBLY & SEAL KITS (M395820-1)

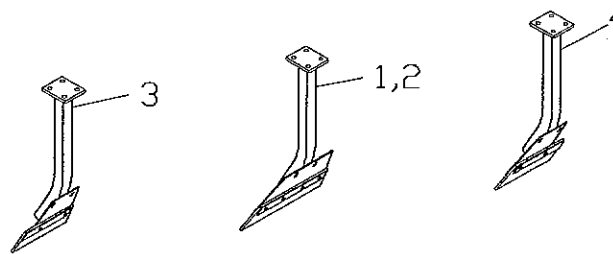


DIVIDER RELIEF-443690

ITEM	PART NUMBER	QTY	DESCRIPTION
1	457660P	1	RELIEF VALVE
2	457650P	1	RELIEF VALVE
3	457630P	1	FLOW DIVIDER
4	488990P	1	1/16" NPT PLG w/.045"ORIFICE
5	-	1	-4 SAE O-RING FLSH HD PLG
6	488980P	2	7MM PERMANENT PLUG
7	457640P	1	VALVE BODY

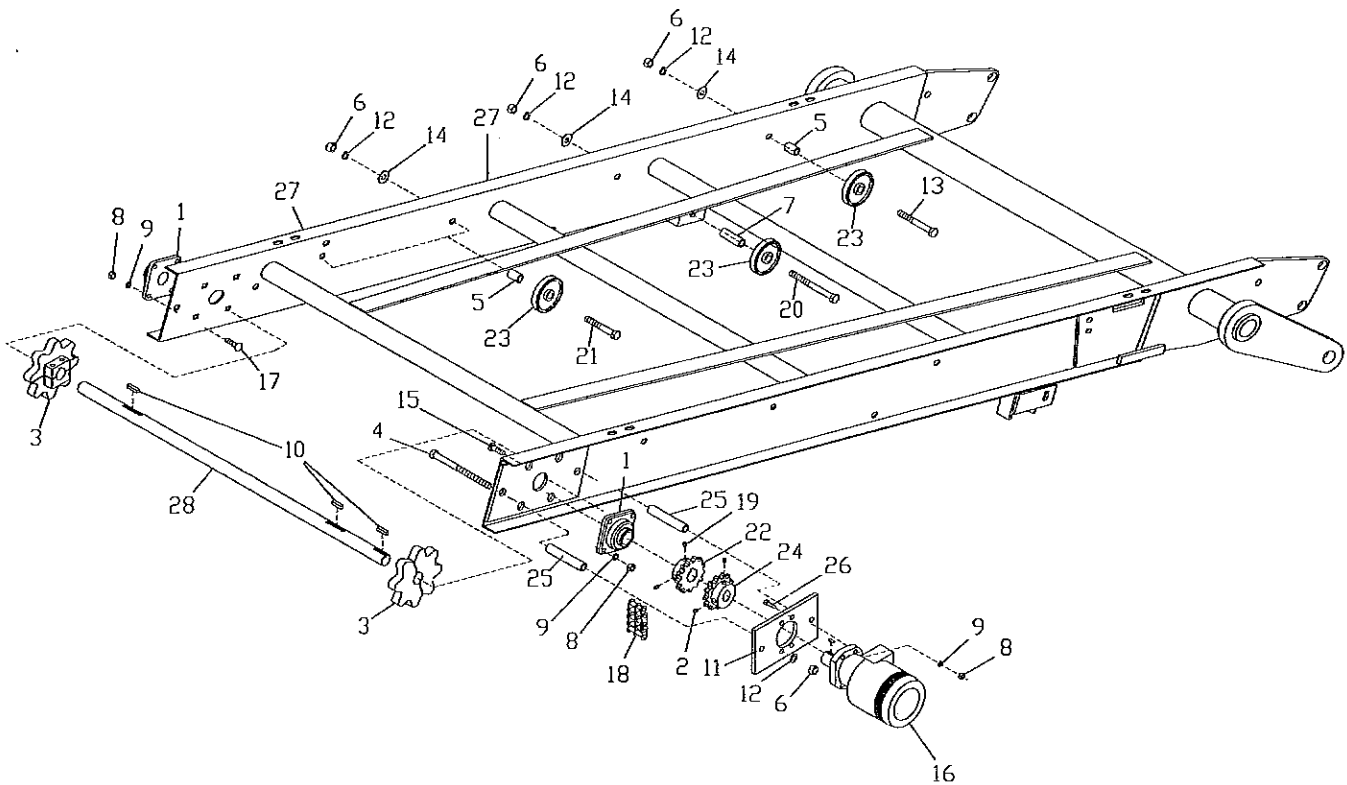
BARRIERS

FOR 28' ROWS
USE FOLLOWING ITEMS
ON ITEM #3:
496640, 496650, & 496660



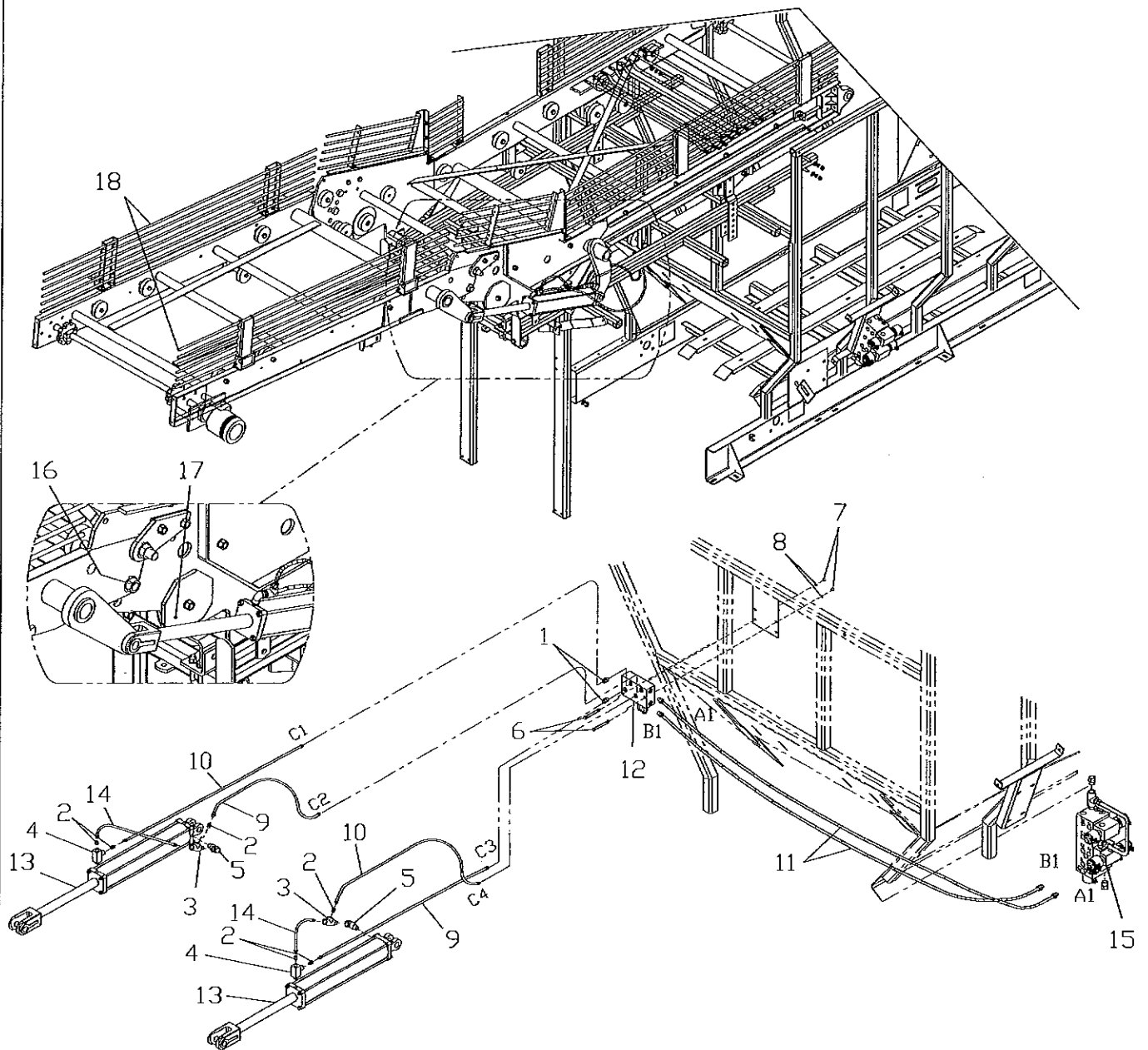
ITEM	PART NUMBER	QTY 8 ROW	QTY 6 ROW	DESCRIPTION
1	446320	6	-	BARRIER ASSY, CNTR 8 ROW
2	446330	-	4	BARRIER ASSY, CNTR 6 ROW
*	446310	6	4	BARRIER WELDMENT, CENTER
*	242350	-	4	PLATE, 28-30, CENTER
*	244720	-	5	FLAP, RUBBER 28-30
*	244730	-	5	STRAP, 28-30
*	244650	7	-	FLAP, RUBBER, 22
*	244670	7	-	STRAP, 22
3	489800	-	1	BARRIER ASSY RH, 28-30
4	489810	-	1	BARRIER ASSY LH, 28-30
*	446340	-	1	BARRIER WELDMENT, RH
*	446350	-	1	BARRIER WELDMENT, LH
*	244660	-	2	FLAP, RUBBER, SIDE 28-30
*	244680	-	2	STRAP, SIDE 28-30

EVEVATOR ASSY, BOOM TRUCK (M495720)



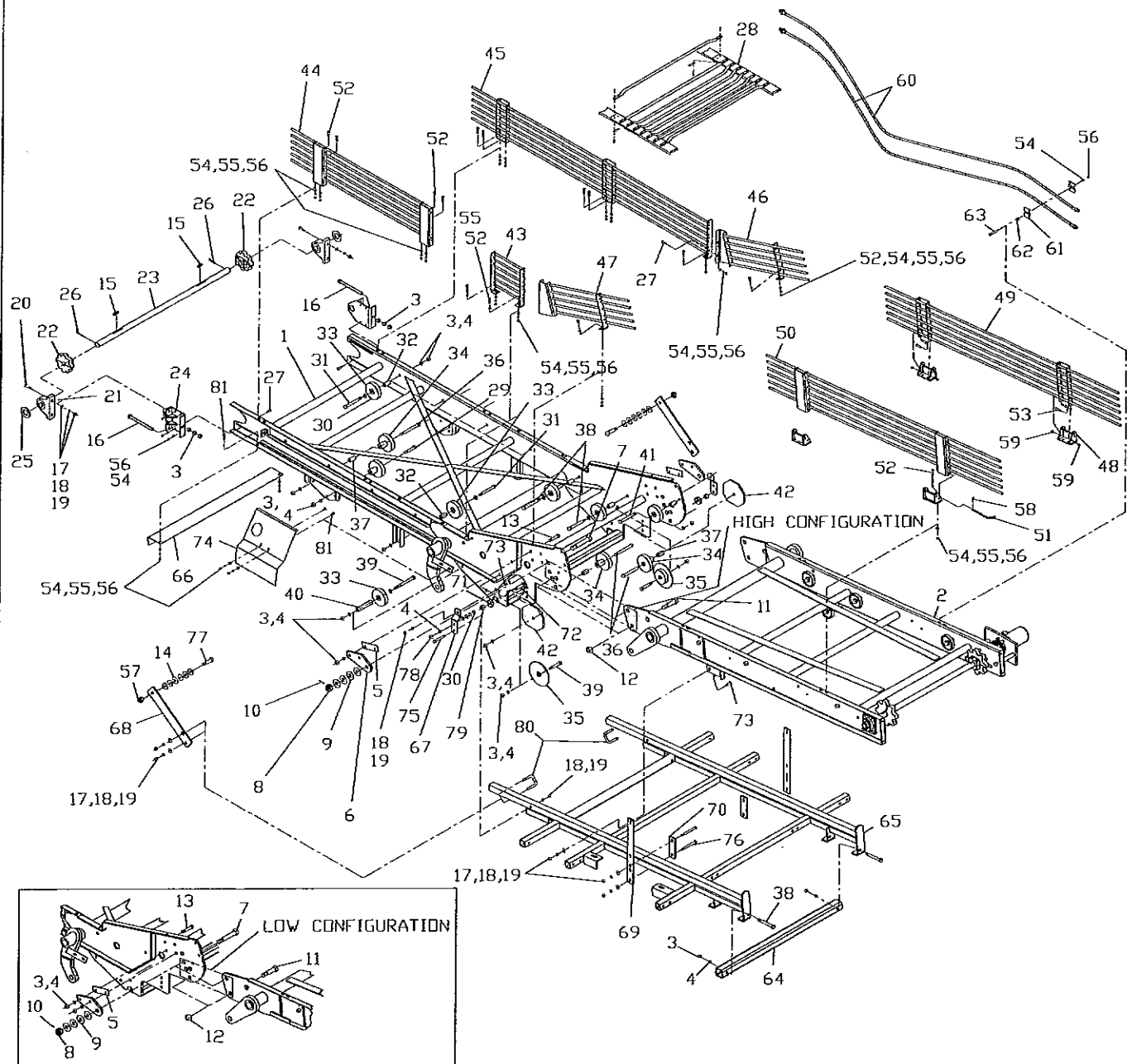
ITEM	PART NUMBER	QTY	DESCRIPTION
1	E072103	2	BEARING, FLG 1-7/16 BORE
2	E672139	2	SCREW, HSSS 5/16-18x5/16
3	433770	2	SPRCKT-8T DRV,56P.144B-1-7/16
4	242600	2	BOLT, HHCS 5/8-11x7.5GR5 ZN
5	E724252	8	SPACER, 1.0 O.D.x5/32Wx1-1/2 L
6	I124589	14	NUT, HEX 5/8-11 GR5 ZN
7	JN144798	4	TRUNION,WHEEL RETAINER-3 1/4
8	005360	12	NUT, HEX 1/2-13 GR5 ZN
9	005370	12	WASHER, LOCK 1/2" ZN
10	006670	3	KEY, SQUARE 3/8"x1.50
11	480810	1	PLATE, MOTOR MOUNTING
12	020440	14	WASHER, LOCK 5/8" REG
13	056720	2	BOLT, HHCS 5/8-11x4
14	035210	18	WASHER, FLAT .656x1.312x.09 ZN
15	025390	4	BOLT, SNCB 1/2 x 1.75
16	480480	1	MOTOR, HYD-TD-22.2 CU IN (SEE PAGE 42)
17	156850	4	BOLT, CRG 1/2-13x1.50 SSN GR5
18	163770	1	CHAIN ASSY, 60-2 14 PITCHES
19	188650	2	SCREW, HSSS 3/8-16x5/16
20	990680	4	BOLT, HHCS 5/8-11x5.5 GR5 ZN
21	I271729	6	BOLT, HHCS 5/8-11x3.50 GR5 ZN
22	271170	1	SPRKT, 60B14 COUPLING 1.44 I.D.
23	343280	12	ROLLER, RUBBER 4.0 DIA.
24	343960	1	SPRKT, 60B14 COUPLING 1.0 I.D.
25	343980	2	SPACER, .64 I.D.x1.0 O.D.x5.62
26	023950	4	BOLT, HHCS 1/2 x 2
27	495900	1	ELEV WLDT, BOOM 690/692B
28	404420	1	SHAFT, DRIVE 1-7/16

HYDRAULIC ASSEMBLY (M502380-2)



ITEM	PART NUMBER	QTY	DESCRIPTION
1	277350	4	ADAPTOR, STRAIGHT 3/4 ORB x 1/4 NPTF
2	277780	4	BUSHING, HYD REDUCER 1/2 x 1/4 NPT
3	407500	2	VALVE, PILOT CHECK
4	274410	4	FITTING, 1/2-14 NPTF STREET TEE
5	166230	2	ELBOW, HYD STL 1/2 NPTF x 90 STREET
6	009800	2	BOLT, HHCS 5/16-18 x 2-1/2 Gr5 ZN
7	023630	2	NUT, HEX 5/16-18 Gr5 ZN
8	023620	2	WASHER, LOCK 5/16 x 37/64 x 5/64
9	009800	2	HOSE, HYD 1/4 x 102" 100R1
10	401250	2	HOSE, HYD 1/4 x 120 100R2
11	443710	2	HOSE ASSY, HYD .38 x 90, 3/4 OR
12	443690	1	VALVE, RELIEF 698
13	498330	2	CYLINDER ASSY, HYD 3 x 16
14	498670	2	HOSE ASSY, HYD 24.0 x 1/4 NPT 100R1
15	498680	1	VALVE MANIFOLD, MAIN 2000/692
16	E672354	2	BOLT, HHCS 1-8 x 2 Gr5 ZN
17	495860	2	STOP, ELEVATOR
18	496020/496030	1	GRATE WLDT, FRONT / REAR BOOM TRUCK

ELEVATOR ASSY, HIGH/LOW FOLD 690/692B (M497350)

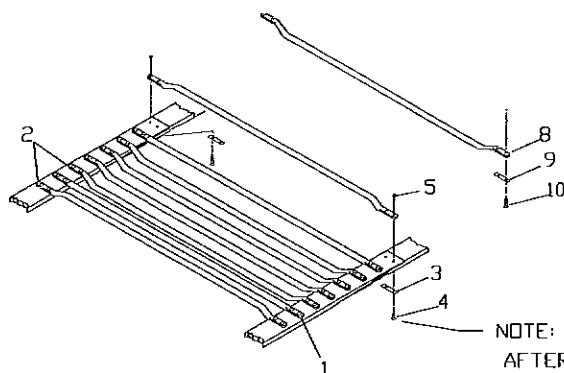


ITEM	PART NUMBER	QTY	DESCRIPTION
1	495670	1	ELEV WLDT, MAIN FLDG
2	495720	1	ELEV ASSY, BOOM TRUCK (SEE PG 44)
3	1124589	34	NUT, HEX 5/8-11 Gr5 ZN
4	020440	30	WASHER, LOCK 5/8 REG
5	433440	2	PLATE, HINGE SPACER
6	433450	2	LUG, OUTER HINGE
7	344270	2	BOLT, HHCS 1-14x3-1/2 Gr8
8	344280	2	NUT, SLOTTED 1-14 Gr8 HEX
9	1107389	8	WASHER, FLAT 1-1/16 SAE
10	003950	2	PIN, COTTER 3/16x2 CHSL
11	E672354	2	BOLT, HHCS 1-8x2 Gr5 ZN
12	J14H805	2	NUT, HEX 1-8 Gr5 ZN
13	023110	4	BOLT, HHCS 5/8-11x2-1/2
14	1131017	12	WASHER, 3/4 SAE
15	006670	2	KEY, SQ 3/8 x 1-1/2
16	355180	2	ROD WLDT, TAKE UP 5/8x8
17	005200	14	WASHER, FLAT 1/2 STD
18	005360	18	NUT, HEX 1/2-13

ELEVATOR ASSY, HIGH/LOW FOLD 690/692B (M497350)

ITEM	PART NUMBER	QTY	DESCRIPTION
19	005370	18	WASHER, LOCK 1/2 ZN
20	991200	4	BOLT, CRG 1/2-13x2 Gr5 ZN
21	E072001	2	BEARING, PB 1-7/16
22	433770	2	SPRCKT, 8T DRV 56P 1.44B
23	495730	1	SHAFT, IDLER 1-7/16
24	344020	2	BRCKT WLDT, BEARING ADJ
25	020560	2	WASHER, FLT 1-17/32x2-1/4
26	003950	2	PIN, COTTER 3/16x2 CP ZN
27	170530	12	BOLT, CRG 3/8-16 x 1
28	355140	1	BELTED CHAIN ASSY, 56mm P (SEE PG 46)
29	028330	2	BOLT, HHCS 5/8-11x4-1/2
30	035210	46	WASHER, FLAT 5/8
31	I271729	10	BOLT, HHCS 5/8-11x3-1/2
32	E724252	16	SPACER, 1" x 1-1/2 LNG
33	343280	18	ROLLER, RUBBER 4" DIA
34	240480	6	ROLLER ASSY, 4.75 DIA
35	423070	2	ROLLER, FLANGE STEEL 4"
36	990680	4	BOLT, HHCS 5/8-11 x 5-1/2
37	393760	4	SPACER, 1.0 O.D. x 1.25
38	056720	6	BOLT, HHCS 5/8-11 x 4.0
39	031490	4	BOLT, HHCS 5/8-11 x 5 Gr5
40	JN144798	2	TRUNION, WHEEL RETAINER
41	990650	2	BOLT, 5/8-11 x 3.0
42	495860	2	STOP, ELEVATOR
43	494790	1	GRATE WLDT, 11" HIGH
44	494810	1	SIDE WLDT, ELEV RR TANK
45	495490	1	SIDE WLDT, TANK ELEV FRT
46	495530	1	GRATE WLDT, FRONT CENTER
47	495540	1	GRATE WLDT, REAR CENTER
48	495740	4	BRACKET WLDT, GRATE HNGE
49	496020	1	GRATE WLDT, BOOM FRT TRK
50	496030	1	GRATE WLDT, BOOM RR TRK
51	497390	4	PIN, BENT ARM 3/8x5.0
52	006690	21	BOLT, HHCS 3/8-16 x 1-1/4
53	012260	8	BOLT, HHCS 3/8-16 x 1
54	021180	31	WASHER, LOCK 3/8
55	021190	42	WASHER, FLAT 3/8 STD
56	027260	31	NUT, HEX 3/8-16 Gr5 ZN
57	991040	2	NUT, 3/4 LOCK
58	045310	4	PIN, COTTER 3/32 x 1-1/2
59	023060	8	NUT, LOCK 3/8-16
60	344000	2	HOSE, HYD 5/8 x 325
61	413050	4	CLAMP, HOSE
62	P98458	2	SPACER, .530 x 1/2
63	037630	2	BOLT, HHCS 3/8-16 x 2-1/2
64	495310	1	TUBE, OUTER SUPPORT
65	495480	1	TRACK WLDT, FLDG 690/692
66	494840	1	ANGLE, ELEVATOR SHIPPING
67	495640	2	BRACKET, ROLLER STOP
68	495780	2	BAR, HOLDER SHIPPING
69	495830	2	BAR, TRACK SHIPPING
70	495840	2	BAR, CLAMP TRACK SHIPPING
71	JJD8646	2	BEARING, BALL .628x2x.59
72	275710	2	BOLT, CRG 5/8-11x3 Gr5 ZN
73	E096046	4	BOLT, CRG 1/2-13x1-1/2
74	498230	1	SHIELD, BOOM CYLINDER
75	990840	2	BOLT, HHCS 1/2-13x3
76	J03H1852	4	BOLT, SNCB 1/2-13x4 Gr5
77	990540	2	BOLT, HHCS 3/4-10x2 Gr5
78	V062140	2	NUT, JAM 5/8-11 Gr2
79	J28H2515	2	SPACER, 3/4x.75 SCH80 BKP
80	290890	2	BOLT, U 1/2-13x2-1/16x3
81	035180	2	BOLT, CRG 3/8-16x1-1/4

BELTED DRAPER CHAIN ASSEMBLY (MDRAP690)

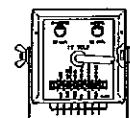
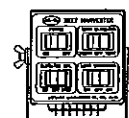
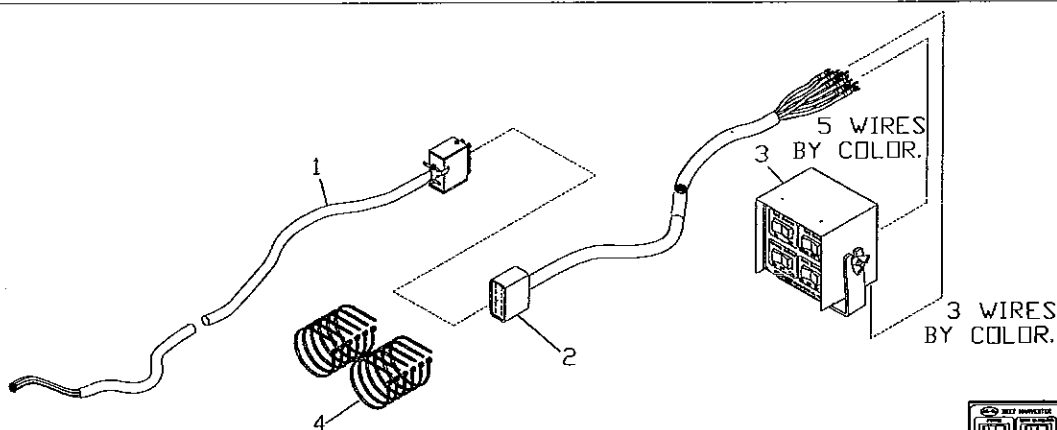


355140 BELTED DRAPER CHAIN
56mm P x 196 PITCHES

1996 & AFTER-3 ROD SPLICE

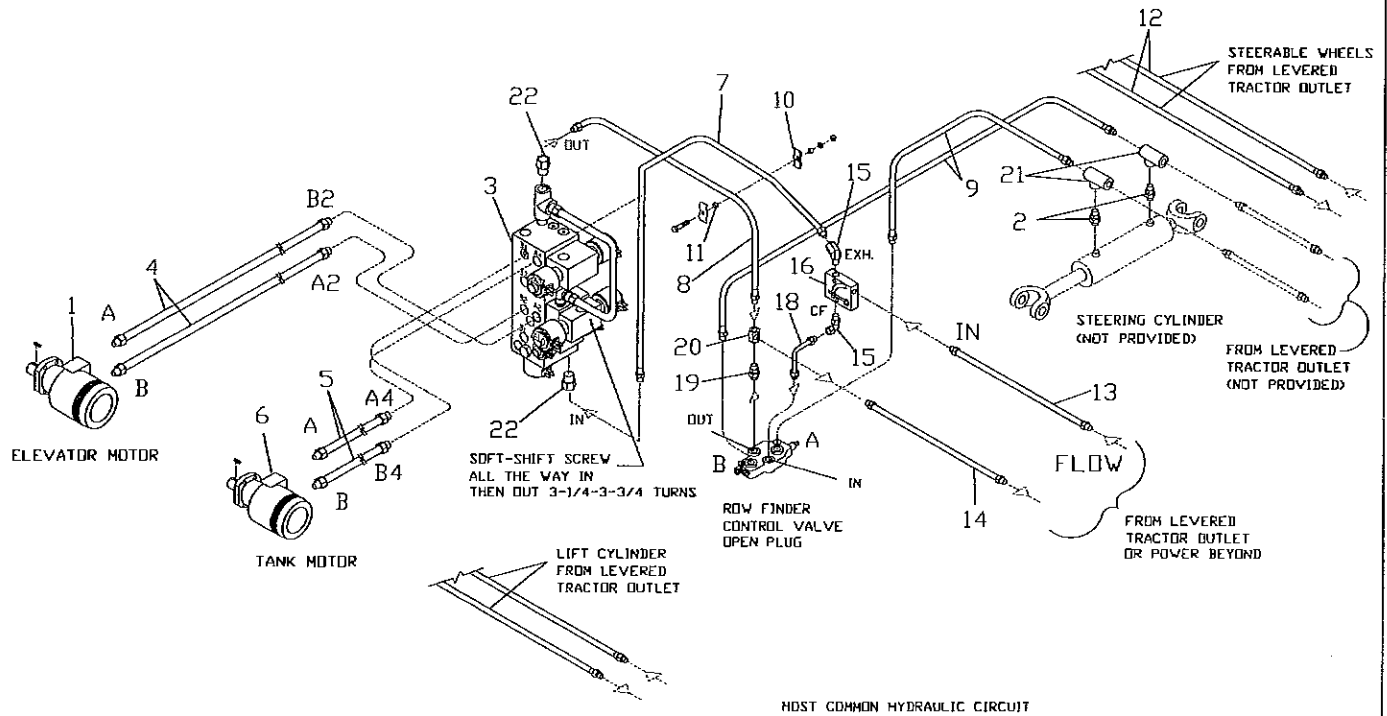
NOTE:
AFTER INSTALLING SPLICE BOLTS,
CLIP EXCESS BOLT LENGTH
AND PEAN ENDS.

ITEM	PART NUMBER	QTY	DESCRIPTION
ROD KITS, WITH BOLTS AND BACKER PLATES			
1	268630	-	KIT, STRAIGHT ROD
2	268640	-	KIT, OFFSET ROD
GENERAL PARTS			
3	268670	-	PLATE, BACKING
4	463180	-	SCREW, SFHCS, 12-28 X 1-1/4
5	463190	-	NUT, LOCK 12-28
FOR 1995 & PRIOR WITH SKIVED JOINT USE ABOVE PARTS FOR REPAIR			
6	343300	-	BELT SPLICE KIT BELT REPAIR KIT-FOR ONE BELT (INCLUDES 6 BACKER PLATES, 12 BOLTS, & 12 NUTS)
FOR 1995 & PRIOR (SKIVED JOINT) USE BOLTS & RODS ABOVE FOR 1996 & AFTER WITH 3 ROD LAPPED JOINT, SEE BELOW			
8	430600	-	ROD, DODGED DOWN-1/4-20 THREADED
9	455490	-	BACKER PLATE FOR 1/4
10	455500	-	BOLT, 1/4-20 X1 CTR SK HEX SOCKET



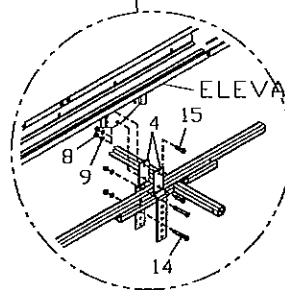
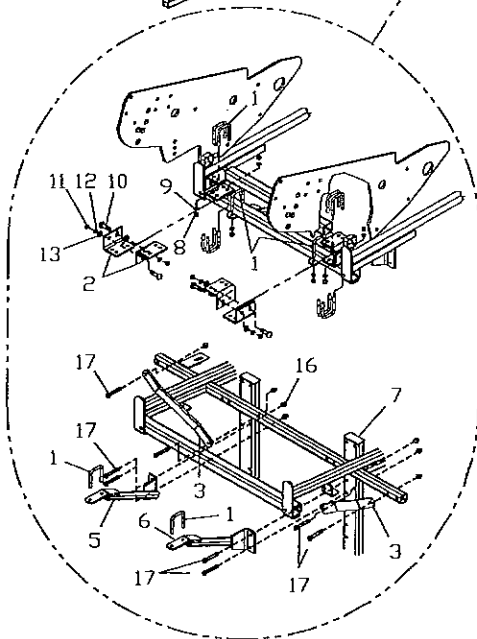
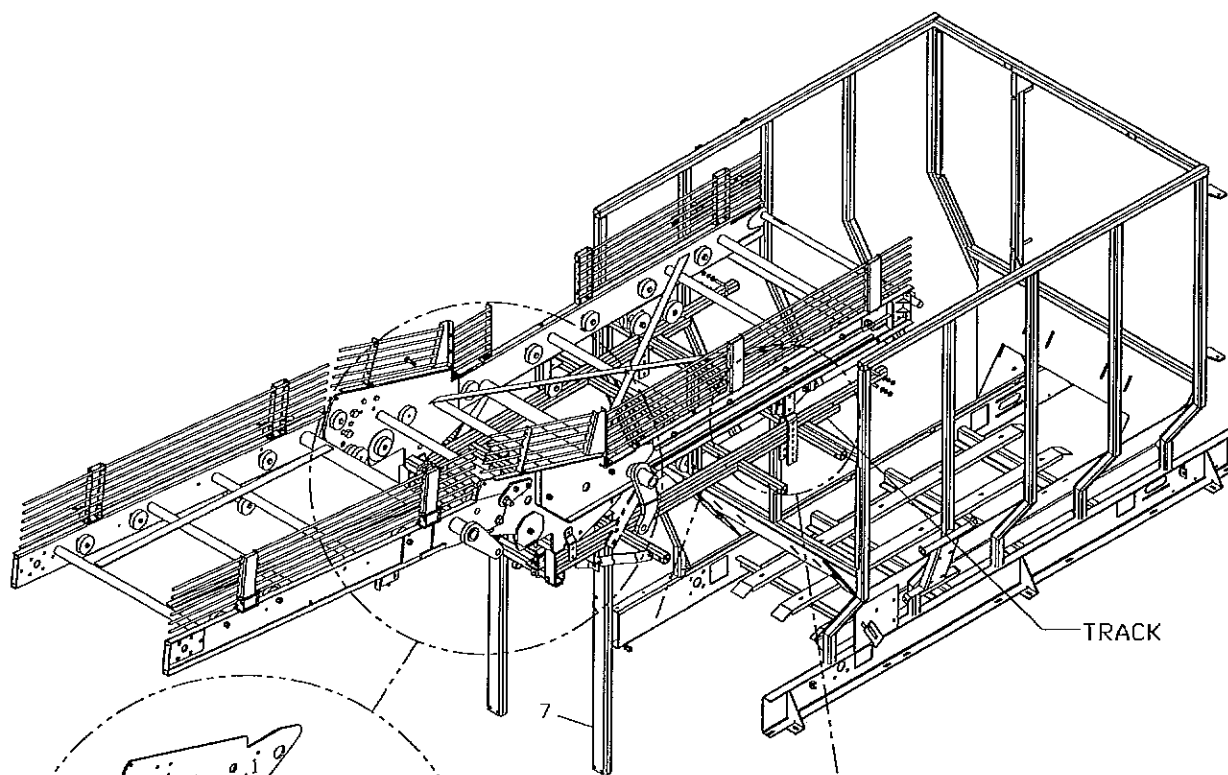
ITEM	PART NUMBER	QTY	DESCRIPTION
1	434140	1	HARNESS, MAIN VALVE
2	498740	1	CORD, CONTROL REMOTE BOX
3	434120	1	CONTROL BOX ASSY
4	149670	12	TIE, 3/16 x 11 CABLE

HYDRAULIC CIRCUIT, CLOSED CENTER (MHYD690B-2000)



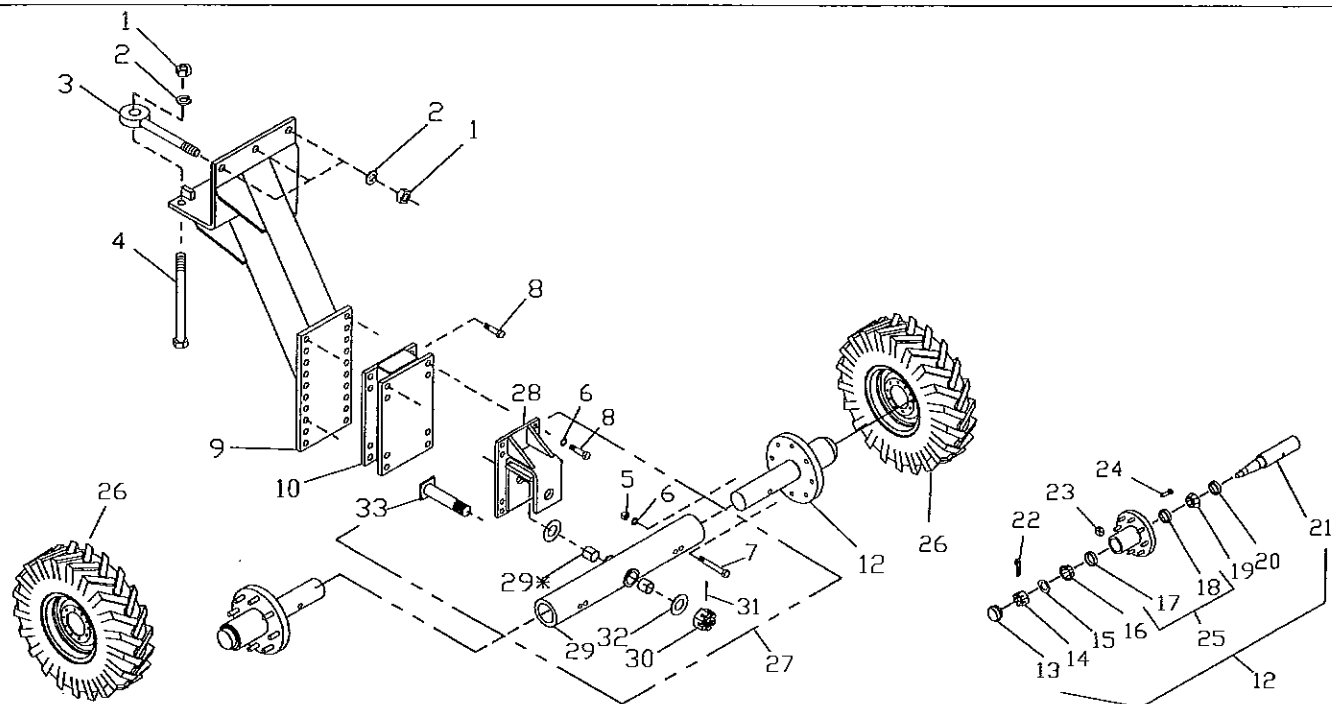
ITEM	PART NUMBER	QTY	DESCRIPTION
1	480480	1	MOTOR, HYDRAULIC MF24
2	166250	2	ADAPTER, 1/2 NPT M STRAIGHT
3	498680	1	VALVE MANIFOLD, MAIN 2000/692
4	344000	2	HOSE ASSEMBLY, HYD .62 X 325
5	393900	2	HOSE ASSEMBLY, HYD .62 X 26
6	343990	1	MOTOR, HYD MF 24 CU IN DISPL
7	288640	1	HOSE ASSEMBLY, HYD .62 X 132
8	288650	1	HOSE ASSEMBLY, HYD .62 X 156
9	259600	2	HOSE ASSEMBLY, HYD .38 X 79
10	413050	2	HOSE CLAMP
11	P98458	1	SPACER, .5
12	E356113	2	HOSE ASSEMBLY, HYD .5 X 300
13	344380	1	HOSE ASSEMBLY, HYD .62 X 120
14	344400	1	HOSE ASSEMBLY, HYD .62 X 146
15	166230	2	ELBOW, 90° 1/2 NPT STREET
16	006300	1	VALVE, FLOW CONTROL
17	020650	2	WASHER, 1.14 IDx1.63 OD
18	288630	1	HOSE ASSEMBLY, HYD .5 X 36
19	JAN131153	1	ADAPTER, HYD FITTING
20	JN132040	1	ADAPTER, HYD TEE, 3/4 O-RING
21	166280	2	ADAPTER, HYD TEE, 1/2 NPT F
22	407700	2	ADAPTER, HYD 7/8 TO 3/4 OR F

ELEVATOR SUPPORT ASSEMBLY (M502380-1)



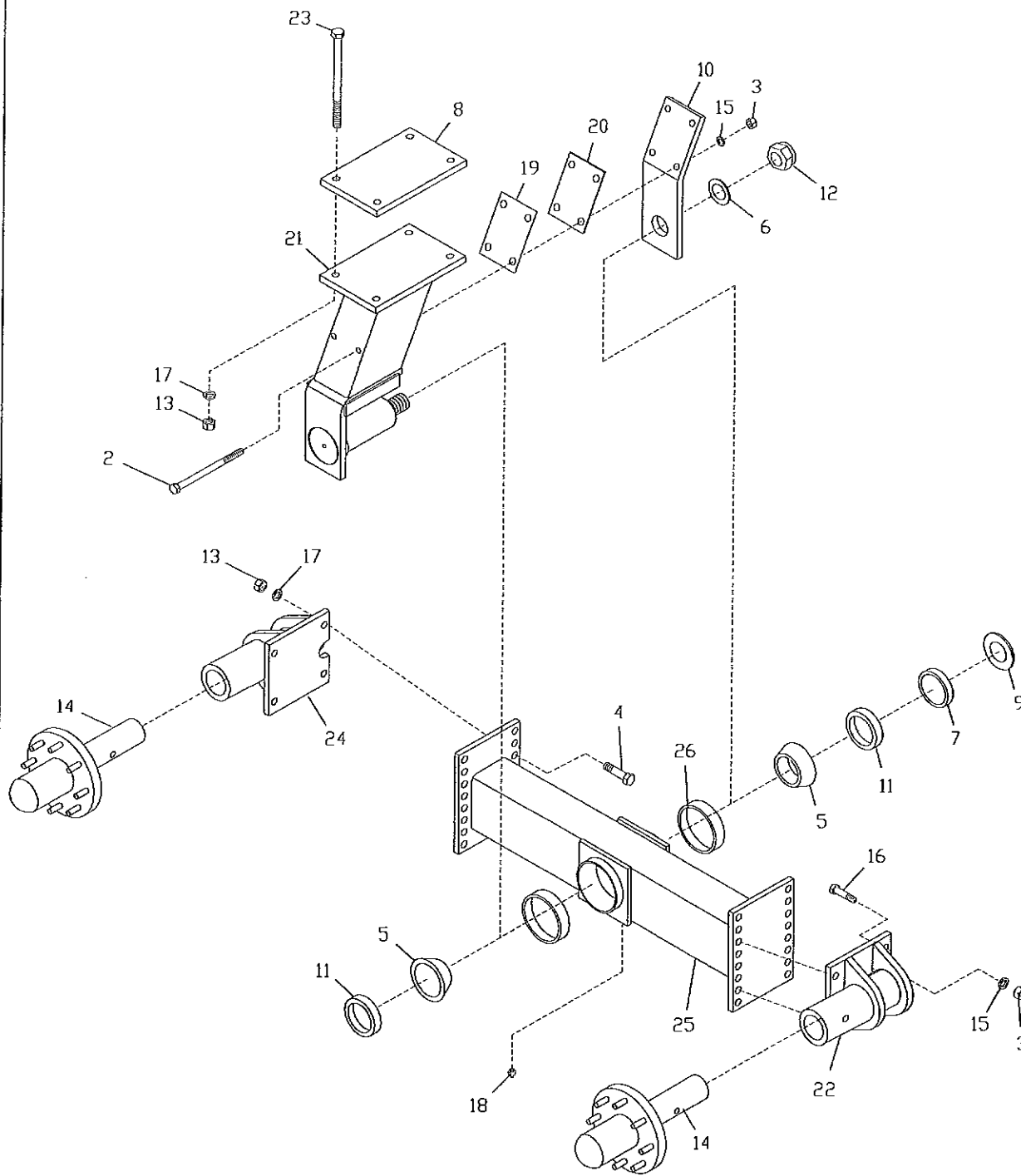
ITEM	PART NUMBER	QTY	DESCRIPTION
1	429820	10	BOLT, U 1/2x2-1/2x3-3/4
2	495300	4	ANGLE, OUTER SUPPORT
3	495630	2	BAR, BRACE
4	495320	4	BAR, INNER ELEV TIE
5	496040	1	BRACE WLDT, REAR
6	496050	1	BRACE WLDT, FRONT
7	354810	2	TUBE WLDT, TRACK SUPPORT
8	005360	28	NUT, HEX 1/2-13 Gr5 ZN
9	005370	28	WASHER, LOCK 1/2 ZN
10	I441452R1	4	BOLT, CRG 5/8-11x2 Gr5 ZN
11	I124589	4	NUT, HEX 5/8-11 Gr5 ZN
12	020440	4	WASHER, LOCK 5/8 REG
13	020430	4	WASHER, FLAT 5/8 STD
14	1770608	4	BOLT, HHCS 1/2-13x3-1/2
15	1770500	4	BOLT, HHCS 1/2-13x1-3/4
16	127890	8	NUT, LOCK 1/2-13 GrA
17	990840	8	BOLT, HHCS 1/2-13x3 Gr5

OSCILLATING CARRIER STRUT (M252010A), 268840



ITEM	PART NUMBER	QTY	DESCRIPTION
1	J14H794	-	NUT, HEX 3/4-10 G5 ZN
2	036800	-	WASHER, LOCK 3/4 ZN
3	E096162	3	BOLT, EYE 3/4x7.0 ZN
4	E672449	3	BOLT, HHCS 3/4x9.5 ZN
5	I124589	-	NUT, HEX 5/8-11 G5 ZN
6	020440	-	WASHER, LOCK 5/8 ZN
7	031490	2	BOLT, HHCS 5/8x5.0 G5 ZN
8	990620	16	BOLT, HHCS 5/8x2.0 G5 ZN
9	E506084	1	LEG WELD,CARRIER WHEEL
10	345440	1	PLATE WLDT, AXLE MTG EXT
11	228760	1	BRACKET, WELD, AXLE
12	TG0496	2	HUB & SPINDLE ASSEMBLY
13	TG0769	1	CAP, HUB
14	129830	1	NUT, HEX-SL. 7/8-14 G5 ZN
15	E829019	1	WASHER, FLAT 5/16 ZN
16	E072319	1	CONE, BEARING 1-5/16
17	I13324D	1	CUP, BEARING
18	E072317	1	CUP, BEARING
19	E072316	1	CONE, BEARING 2.0
20	TG0770	1	SEAL
21	TG0761	1	SPINDLE
22	026630	1	PIN, COTTER 5/32x1.50
23	046710	-	NUT, WHEEL 9/16
24	046700	-	BOLT, STUD 9/16x2.125
25	TG0763	1	HUB ASSY, W/CUPS & STUDS
26	355400	1	WHEEL & TIRE ASSY, LHTRAC.
26	355410	1	WHEEL & TIRE ASSY, RHTRAC
26	355440	1	WHEEL ASSY, 11.0 x 16 IMP
27	251980	1	OSCILLATING ASSEMBLY-44"
27	268830	1	OSCILLATING ASSEMBLY, 28-30"
28	251960	1	MOUNT WLDT, AXLE
29	268810	1	BEAM WLDT, AXLE 44"
29	268820	1	BEAM WLDT, AXLE 28-30"
*	044550	2	BUSHING, OILITE
30	E552084	1	NUT, SLOTTED 1-1/2-6 Gr5 ZN HEX
31	E580042	1	PIN, COTTER 3/16 x 3 CHISEL POINT
32	JN2018M	2	WASHER, THRUST 1-17/32 x 2-5/8 x 1/16
33	251860	1	PIN WELDMET, PIVOT
34	228760	1	BRACKET, AXLE WLDT

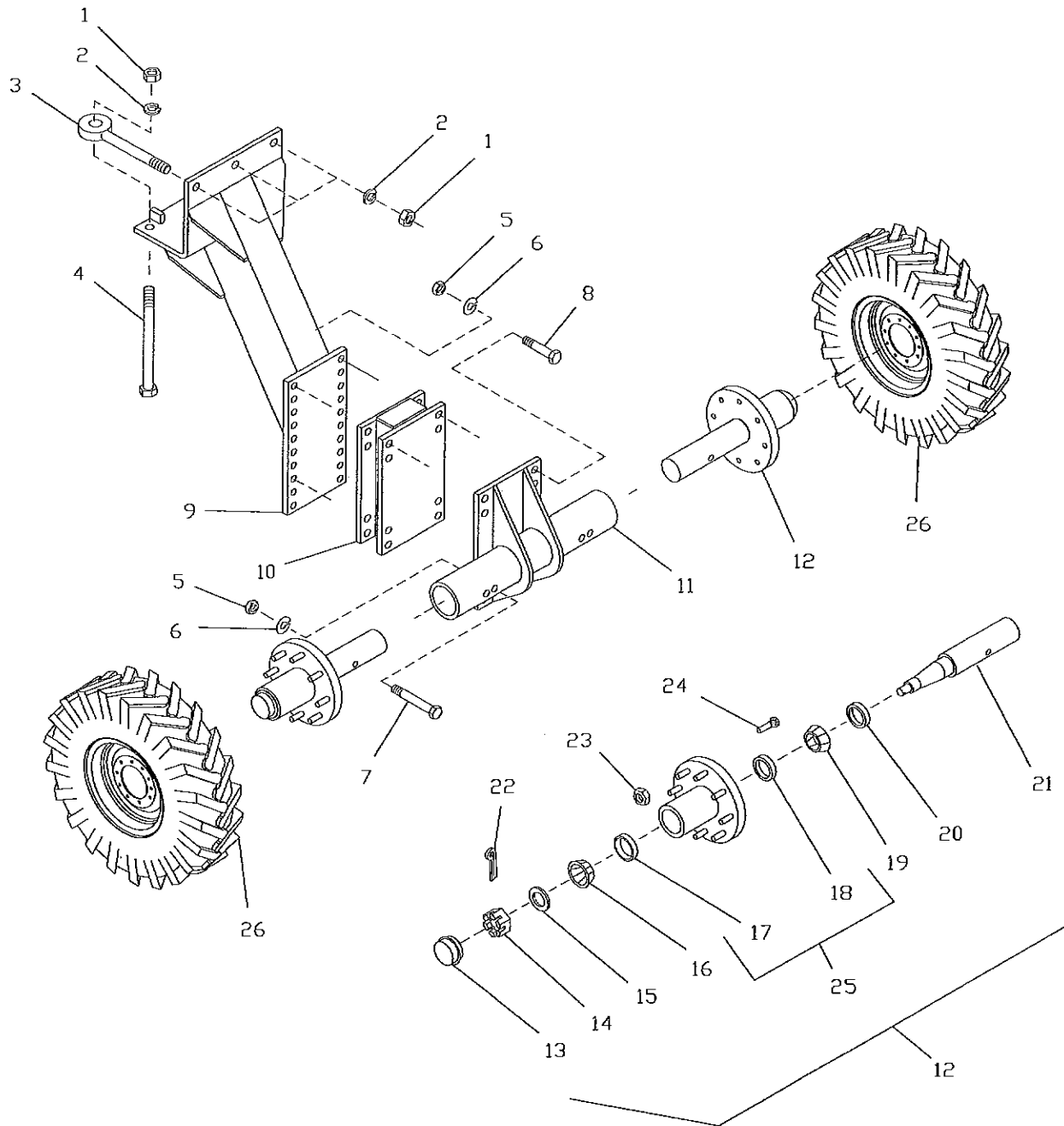
WALKING BEAM ASSY (M411590)



WALKING BEAM ASSY (M411590)

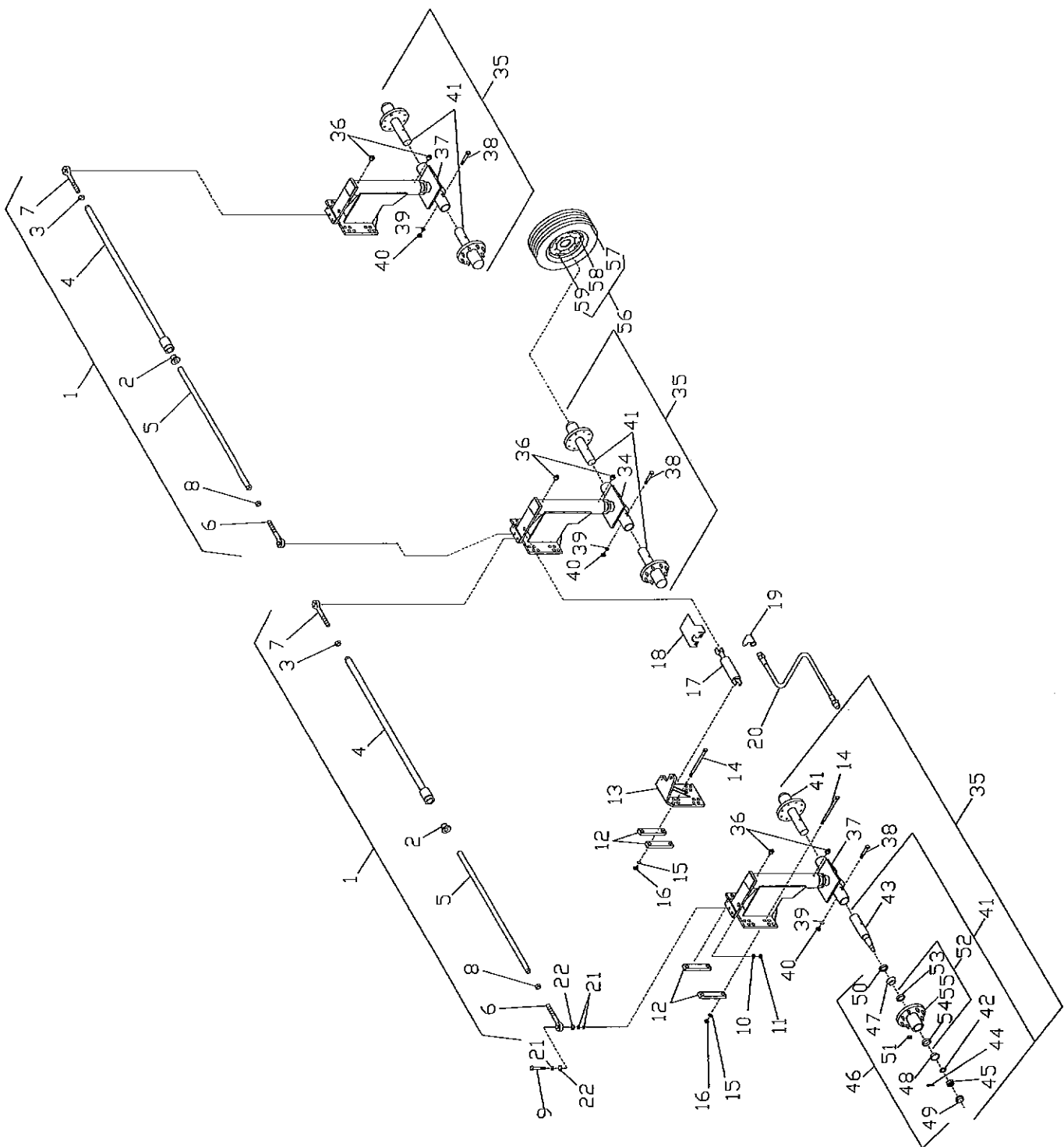
ITEM	PART NUMBER	QTY	DESCRIPTION
1	-	-	-
2	E672362	4	BOLT, HHCS 5/8-11x9.0 GR5,ZN
3	I124589	6	NUT, 5/8-11 GR5,ZN
4	990550	8	BOLT, HHCS 3/4x2-1/4 GR5 ZN
5	JJD8191	2	CONE, BRG. TMKN# 497 3.38 ID
6	JM16680	1	WASHER, FLAT 1.78x2.88x.134
7	JN144534	1	SPACER
8	JN144536	1	PLATE, WHEEL MOUNTING
9	JN146633	2	SHIM, 2.25x4.06x.048
10	JN146720	1	PLATE, MOUNTING
11	JR33026	2	SEAL, OIL C/R40510 4x5.4x.38
12	JU44586	1	NUT, 1-3/4-12
13	J14H794	16	NUT, 3/4-10 HEX GR5,ZN
14	TG0496	2	HUB & SPINDLE ASSEMBLY-SEE PG. 50
15	020440	6	WASHER, 5/8 REG. LOCK ZN
16	031490	2	BOLT, HHCS 5/8-11x5.0 GR5,ZN
17	036800	12	WASHER, 3/4" LOCK
18	049180	1	ZERK, 1/4-28 LUBE TAPER THD
19	254450	1	SHIM, .060 TANDEM WHEEL
20	254460	1	SHIM, .179 TANDEM WHEEL
21	265500	1	SPINDLE ASSY, WALKING BEAM
22	411510	1	EXTENSION WLDT., FRONT
23	E672449	4	BOLT, HHCS 3/4-10x9.5 GR5,ZN
24	411520	1	EXTENSION WLDT., REAR
25	411540	1	BEAM WLDT., WALKING
26	JJD8214	2	CUP, BEARING

FIXED CARRIER STRUT (M237530)



FIXED CARRIER STRUT (M237530)

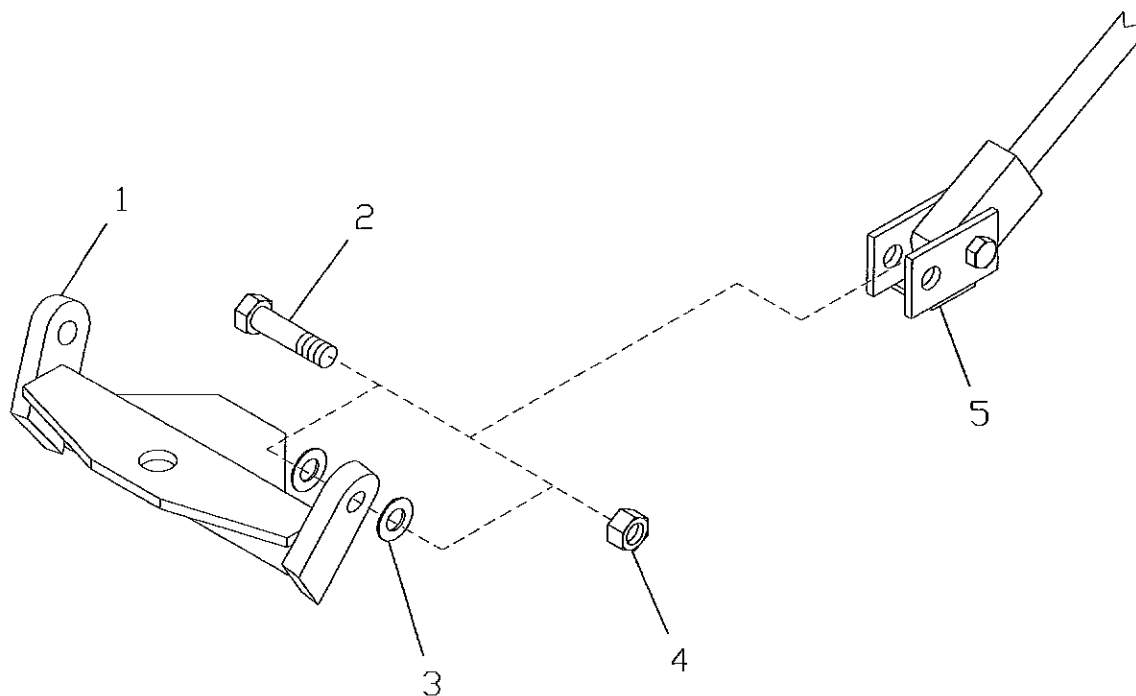
ITEM	PART NUMBER	QTY	DESCRIPTION
1	J14H794	-	NUT, HEX 3/4-10 G5 ZN
2	036800	-	WASHER, LOCK 3/4 ZN
3	E096162	3	BOLT, EYE 3/4 x 7.0 ZN
4	E672449	3	BOLT, HHCS 3/4 x 9.5 ZN
5	I124589	-	NUT, HEX 5/8-11 G5 ZN
6	020440	-	WASHER, LOCK 5/8 ZN
7	028330	2	BOLT, HHCS 5/8x4.5 G5 ZN
8	990620	16	BOLT, HHCS 5/8x2.0 G5 ZN
9	E506084	1	LEG WELD,CARRIER WHEEL
10	345440	1	BRACKET, EXTENSION
11	228760	1	BRACKET, WELD, AXLE
12	TG0496	2	HUB & SPINDLE ASSEMBLY
13	TG0769	1	CAP, HUB
14	I29830	1	NUT, HEX-SL. 7/8-14 G5 ZN
15	E829019	1	WASHER, FLAT 5/16 ZN
16	E072319	1	CONE, BEARING 1-5/16
17	I13324D	1	CUP, BEARING
18	E072317	1	CUP, BEARING
19	E072316	1	CONE, BEARING 2.0
20	TG0770	1	SEAL
21	TG0761	1	SPINDLE
22	026630	1	PIN, COTTER 5/32x1.50
23	046710	-	NUT, WHEEL 9/16
24	046700	-	BOLT, STUD 9/16x2.125
25	TG0763	1	HUB ASSY, W/CUPS & STUDS
26	355400	1	WHEEL & TIRE ASSY, LHTRAC
26	355410	1	WHEEL & TIRE ASSY, RHTRAC
*	042264	-	WHEEL, 11x16.1 8-BOLT GOLD
*	164420	-	VALVE STEM, W/CORE & CAP
*	278460	1	TIRE, TUBLESS 13.5x16.1 6P



OPT, 3 SET H.D. STEERABLE WHEEL (M383710)

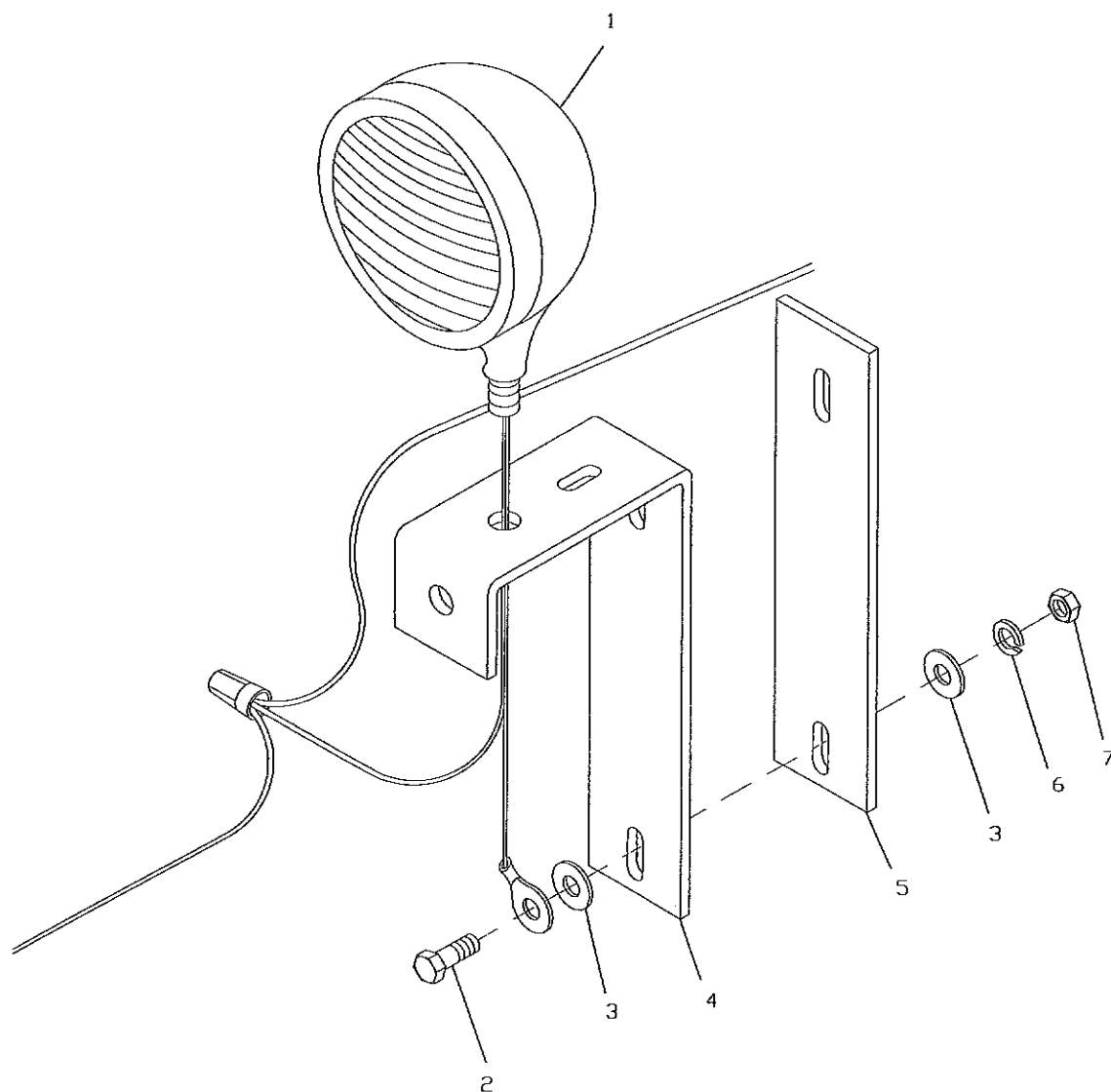
ITEM	PART NUMBER	QTY	DESCRIPTION
1	279780	2	ROD ASSY, TIE
2	E126108	2	BUSHING, 1.510" P1 SPLIT TAPER
3	E552087	2	NUT, 1" LH THD HEX ZN
4	279790	2	ROD WELDMENT, R.H. TIE
5	247440	2	ROD WELDMENT, L.H. TIE
6	414480	2	BALL JOINT, TIE ROD RH
7	414470	2	BALL JOINT, TIE ROD LH
8	147310	2	NUT, 1" RH THD HEX GR 2 ZN
9	990960	4	BOLT, 3/4 X 4-1/2 HHCS GR5
10	036800	4	WASHER, 3/4 LOCK
11	J14H794	4	NUT, 3/4" HEX GR 5 ZN
12	E174044	8	CLAMP, PLATE
13	236640	1	BRACKET, CYLINDER
14	252020	16	BOLT, 1 X 8 HHCS GR8 ZN
15	003350	16	WASHER, 1" LOCK
16	J14H805	16	NUT, 1" HEX GR 5 ZN
17	E222002	1	CYLINDER, 3 X 4, SEE PG 47
18	E694360	1	SHIELD, CYLINDER
19	006240	2	ELBOW, 1/2 X 90° ST
20	E356113	2	HOSE, 1/2" X 300" HYDRAULIC
21	990710	12	WASHER, FLAT 3/4"
22	414460	8	SEAL, SWIVEL
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	-	-	-
28	-	-	-
29	-	-	-
30	-	-	-
31	-	-	-
32	-	-	-
33	-	-	-
34	355370	1	STRUT WELD, HD STEERABLE
35	252060	3	STRUT & HUB ASSY, HD STEERABLE
36	E334006	2	ZERK, 5/16 PRESS LINCHON #5031
37	252050	1	STRUT ASSY, HD STEERABLE
38	028330	2	BOLT, 5/8 X 4-1/2 HHCS GR 5 ZN
39	020440	2	WASHER, 5/8 LOCK
40	I124598	2	NUT, 5/8" HEX GR 5 ZN
41	TG0496	2	HUB & SPINDLE ASSY
42	E829019	1	WASHER, .938 X 2.25 X .164 ZN
43	TG0761	1	SPINDLE
44	026630	1	PIN, 5/32 X 1-1/2 CUTTER ZN
45	129830	1	NUT, 7/8" HEX SL GR 5 ZN
46	TG0760	1	HUB ASSY, COMPLETE 8-BOLT
47	E072316	1	CONE, TKM # 3780 BEARING
48	E072319	1	CONE, TKM #2790 BEARING
49	TG0769	1	CAP, HUB
50	TG0770	1	SEAL, C/R 25091 2.50 X 3.75 X .43
51	046710	8	NUT, 9/16-18 WHEEL
52	TG0763	1	HUB ASSY W/ CAPS & STUDS
53	E072317	1	CUP, TKM #3720 BEARING
54	I13324D	1	CUP, TKM #2720 BEARING
55	046700	8	BOLT, STUD 9/16-18 UNF X 2-1/8
56	355440	6	TIRE ASSY, 11.00 X 16 IMPL.
57	TG0740	1	TIRE, 11.00 X 16 X 12 PLY TUBELESS
58	355430	1	WHEEL, W10L-16, 8 HOLE
59	164420	1	VALVE STEM W/ CORE & CAP
60	-	-	-

DRAWBAR SUPPORT KIT, 3 POINT (M427490)



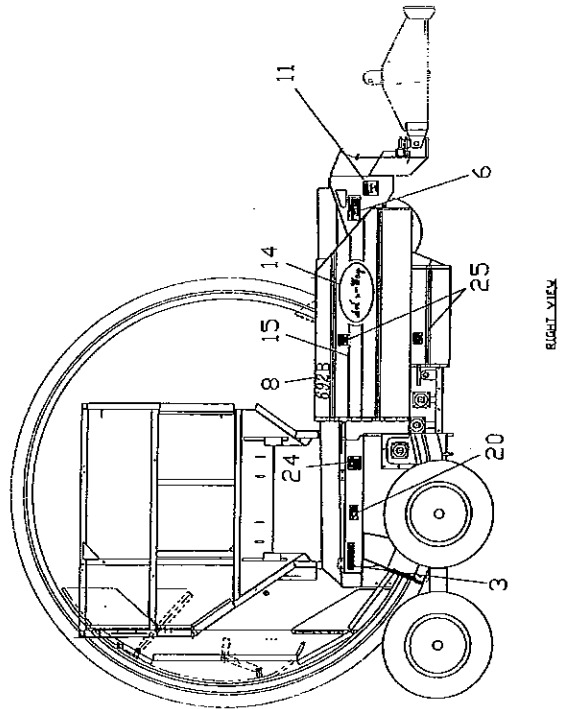
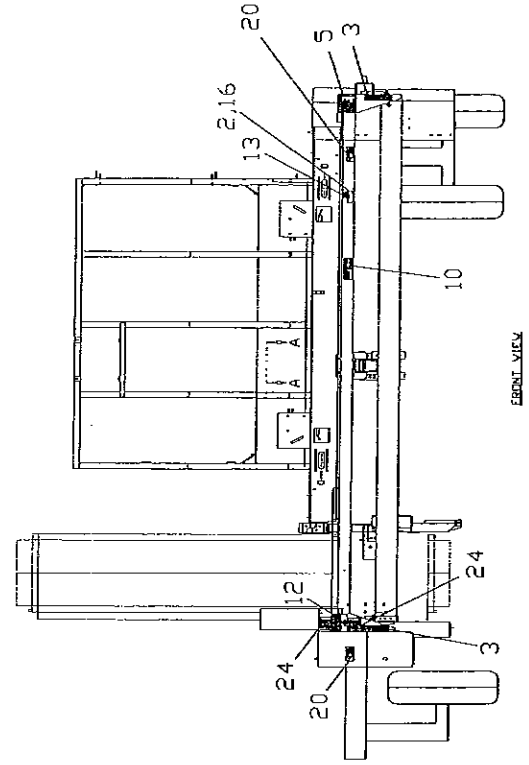
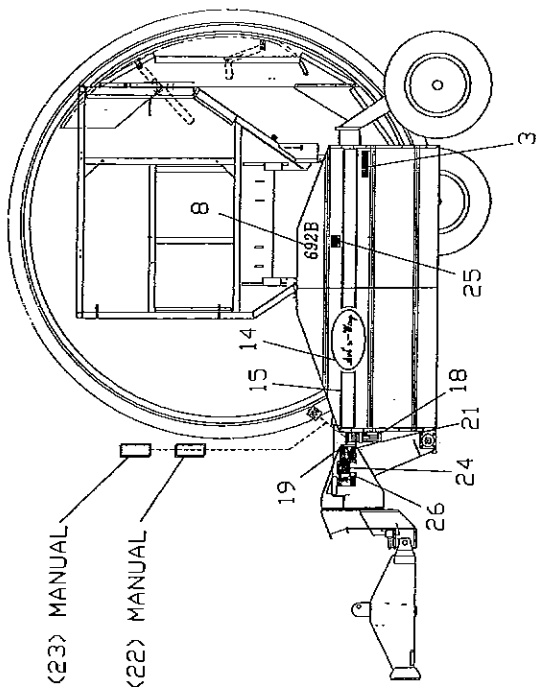
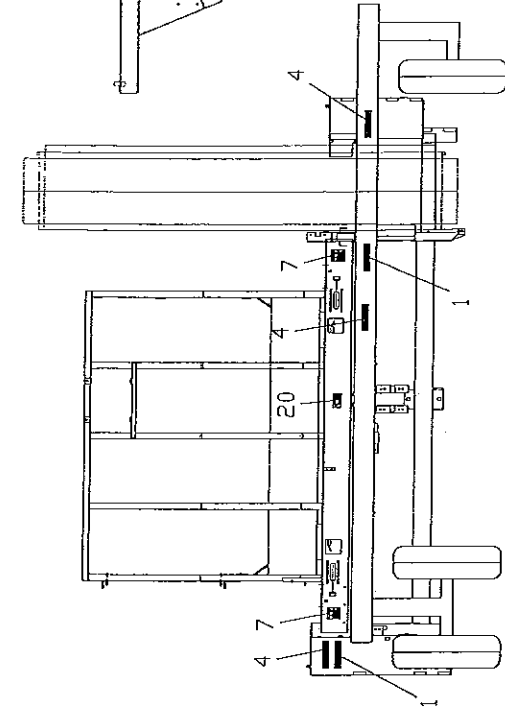
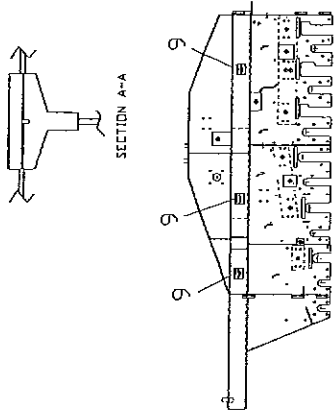
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	424300	SUPPORT, DRAWBAR
2	4	991060	BOLT, HEX 1-8 x 5"
3	26	1107389	WASHER, FLAT 1"
4	4	990510	NUT, LOCK 1"
5	2	424320	BRACKET WLDT, DRAWBAR SUPPORT

LIGHT PACKAGE (M270310)



ITEM	PART NUMBER	QTY	DESCRIPTION
1	242110	3	LAMP, 12V HORIZ. MOUNT HALOGEN
2	011370	-	BOLT, HHCS 3/8"x1-1/2"
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"

692B DECAL LOCATIONS



692B DECAL LOCATIONS (M486630)

ITEM	PART NUMBER	QTY	DESCRIPTION
1	476470	2	TAPE, RED-ORANGE FLOUR.
2	204510	4	NAIL, 1/4" GRIP
3	476460	4	TAPE, YELLOW RETROREFL.
4	476450	3	TAPE, RED RETROREFLVE.
5	368040	2	DECAL, CAUTION 9-INSTRUCT.
6	467440	1	DECAL, DANGER ELEC. CLEAR.
7	467410	2	DECAL, DANGER ROTATING
8	478680	2	DECAL, 692B MODEL
9	289500	3	DECAL, IDLER SPRING 4.5
10	467460	1	DECAL, CAUTION HITCHING
11	345410	1	DECAL, LEVEL HARVSTR.
12	345420	1	DECAL, ROWFINDER INSTR.
13	345430	1	DECAL, PATENT
14	355450	2	DECAL, ART'SWAY 20' LOGO
15	355460	12'	DECAL, GOLD METL. STRIPE
16	355500	1	TAG, SERIAL NO. FINISHED
17	963500	4	PAINT, AW GREEN
18	449190	1	TUBE, MANUAL HOLDER
19	455160	1	CLAMP, HOSE
20	467420	3	DECAL, STAND OR RIDE
21	346310	1	DECAL, WARNING HIGH PREAS
22	490490	1	MANUAL, BT WHLEGOODS 692B
23	460010	1	MANUAL, PTO SAFETY
24	467450	4	DECAL, WARNING MOVING
25	467430	3	DECAL, DANGER SHIELD
26	467400	2	DECAL, WARNING THROWN

Specifications

General Description

Model

6 or 8 Row Tank Type Harvester

Overall Dimensions

Transport	14'H x 21'6"W x 20'6"L
Operating	15'3"H x 27'W x 20'6"L
Machine	Weight 22,000 lbs.
Tread Width	Adjustable to row spacing

Tires

Implement	11.00-16 12 Ply
Traction	13.50 x 16.1 6 Ply
Operating Pressure	45 psi (Implement) 25 psi (Traction)

Row Spacing

6 Rows	28" to 30"
8 Rows	20" to 22"
Operating Speed	4.5
Lift and depth control*	Hydraulic
Steering hitch control**	Hydraulic

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

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

Lifter Wheels

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

Lifter Struts

Heavy duty tapered bearings

Lifter Wheel Scrapers

To prevent mud buildup on lifter wheels

Paddle Shaft And Drive

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

Center Gearbox

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

Conveyor Roll Bed And Drive

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

Grab Rolls And Drive

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

Truck To Tank Loading Elevator

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

Tank

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

TIGHTENING TORQUE GUIDE, SAE GRADE 5 - COARSE THREAD

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

IDENTIFICATION OF SAE BOLT GRADES; HEAD MARKINGS

Grades 0, 1, and 2 no markings



Grade 5: 3 radial dashes 120° apart



Grade 8: 6 radial dashes 60° apart



Figure 72. Torque Guide And SAE Bolt Grades.

Specifications

Tractor Requirements

Recommended Horsepower Rating

6, 8 Row 175 PTO HP (minimum)

Remote Cylinders: (Not Furnished)

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

Hydraulics Requirements

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

PTO Shaft

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

Front Ballast

Maximum tractor front ballast is required

Drawbar Support (Recommended)

Electrical System

12-Volt

Attachments

Row Finder

To keep the harvester on the row

Lifter Wheel Close-Ups

To prevent loss of small beets through lifter wheels

Lifter Wheel Spacers

To increase lifter wheel opening by 1/4" increments

Lifter Wheel Cushions

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

Constant Velocity PTO

Allows turning without disengaging PTO

Flashing Warning Light Kit

Recommended where regulations allow when towing harvester. Order 386270

Light Package

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

Fixed Or Steerable Wheels

Extra Fixed Or Steerable Carrier Strut

Helps flotation in very wet conditions



Quality Manufacturers of:

- **SupRaMix®** - forage vertical tub mixer
425, 500 or 710 cu. ft. tub capacity
- **Portable grinder mixer**
105 bu. with 20" HammerMill or 150 bu. with 26" HammerMill.
- **GRIXXER** - grinder mixer
Economical portable 105 bu. Grinder Mixer with a 20" HammerMill — other options available.
- **CATTLEMAXX** - Cattle Processing
105 bu. or 150 bu. with 20" RollerMill for cattle applications.
- **HammerMills**
26" electrically or PTO driven mill.
- **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.
- **UFT Grain Drills**
10', 12', 15', 20' seeding width
- **Speedy Edible Bean Equipment**
- **Finishing Mowers**
60" or 72" Mid-Mount Mowers.
72" Rear 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 33" ditch depth.
- **Eversman Land Planes**
16', 20' & 24' blade widths.
- **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.
- **LOGAN** - Potato Equipment
Potato Harvesters, Potato Planters, Windrowers and Bulk Boxes.
- **Art's-Way/UFT Flail Shredders**
Various size cutting widths.
- **Grain Wagons**
350 bu. or 475 bu. center dump.
280 bu., 320 bu., 390 bu., 470 bu. side dump.

Art's-Way Manufacturing Co., Inc.

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