

Wayne

Beet Harvester

Model 690

Years: 1996 - 1998

ILLUSTRATED PARTS LIST

Art's-Way Manufacturing Co., Inc.

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.: _____

Building on a
Art's-Way
Tradition of Quality

SERIAL NO.

MODEL NO.

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

Machine Serial Number Location

(Left front corner of the main frame.)

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.

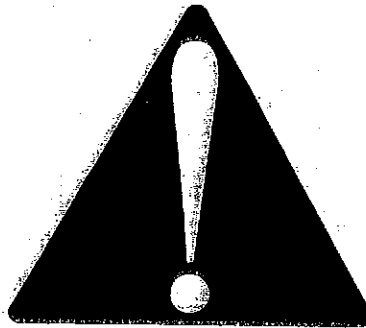


Figure 1: The Universal Safety Alert Symbol

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.
- *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.

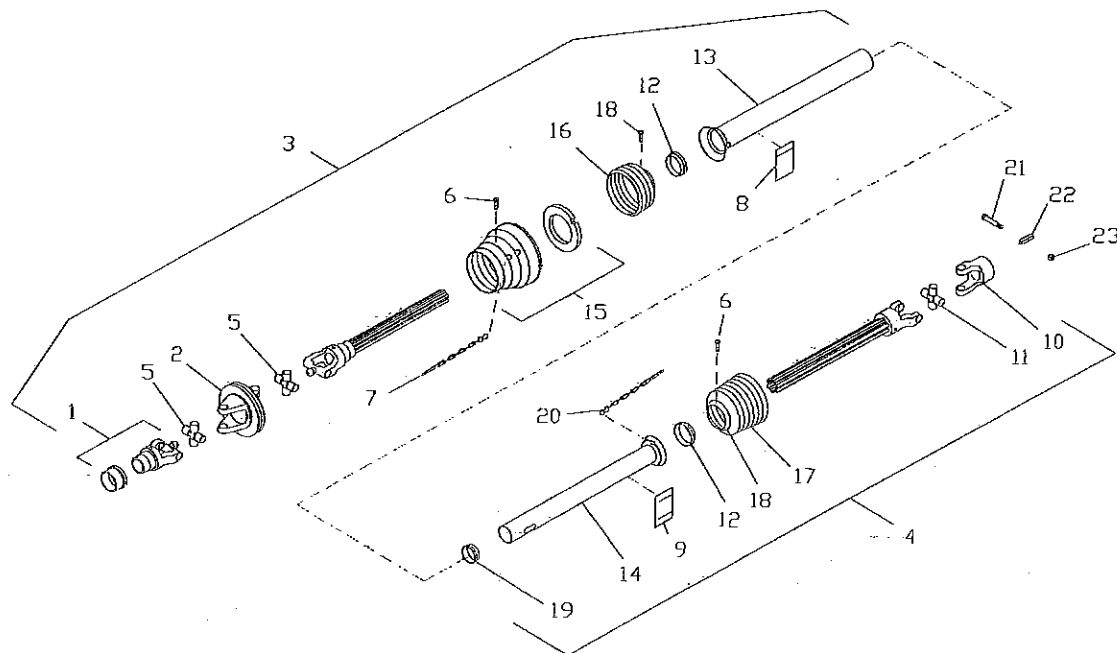
Remember:

The Best Operator is a Safe Operator.

NOTES

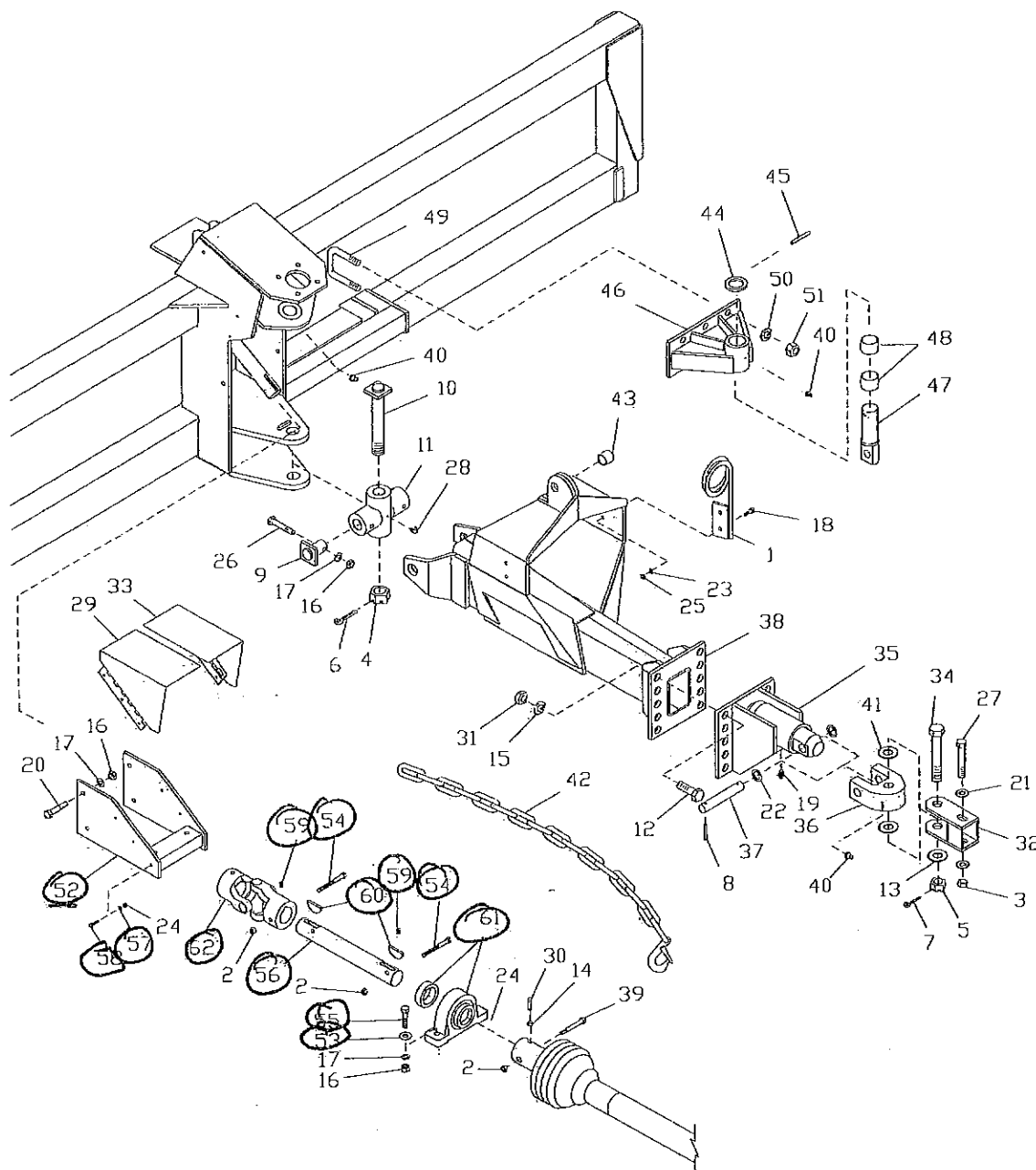
PTO ASSEMBLY, CONSTANT VELOCITY

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



Item	Part Number	Qty.	Description
1	345830	1	Assembly, Yoke 1-3/8" - 21 Spline
	340210	1	Assembly, Collar Kit 1-3/8"-6 (in item 1)
1	345840	1	Assembly, Yoke 1-3/4" Spline
	340200	1	Assembly, Collar Kit 1-3/4"-20 (in item 1)
2	345850	1	Yoke, Double
3	287460	1	Assembly, PTO CV2580 Tractor Half - 1-3/4"
3	357840	1	Assembly, PTO CV2580 Tractor Half - 1-3/8"
4	287450	1	Assembly, PTO CV2580 Implement Half - 1-3/4"
4	357850	1	Assembly, PTO CV2580 Implement Half - 1-3/8"
5	345870	2	Kit, Cross and Bearing CV
6	345980	8	Screw, Shield (in item 9)
7	354190	1	Chain, Safety 600 mm
8	268860	1	Decal, Danger Rotating Drive Line
9	340180	1	Decal, Danger Shield Missing
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 - 1-3/4"
13	357880	1	Tube, Outer Shield Oval - 1-3/8"
14	287500	1	Tube, Inner Shield Round - 1-3/4"
14	357890	1	Tube, Inner Shield Round - 1-3/8"
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

TONGUE - 252890



Item	Part Number	Qty.	Description
1	E150004	2	Carrier, Hose
2	E552044	-	Nut, Lock 3/8"-16 Hex Top Grade A
3	991040	-	Nut, Lock 3/4"-10 Hex Grade A
4	E552084	-	Nut, Hex 1-1/2"-6 Slotted
5	E552092	-	Nut, Hex 1-1/8" Slotted
6	E580042	-	Pin, Cotter 3/16" x 3"
7	E580046	-	Pin, Cotter 1/4" x 2-1/2"
8	E580053	-	Pin, Roll 5/16" x 1-3/4"
9	E580086	2	Weldment, Side Pin
10	E580109	1	Weldment, Pin
11	E586014	1	Weldment, Pivot
12	E672103	-	Bolt, Hex 1"-8 x 2-1/2"

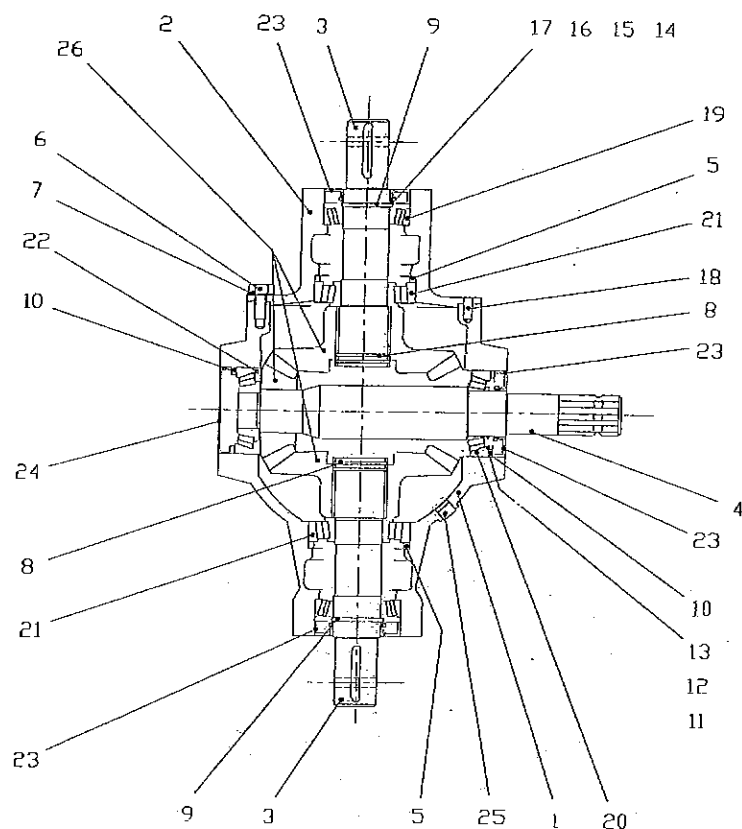
TONGUE ASSEMBLY (M425530)-690

5	E552072	1	NUT, 1-3/8"-6 SL. HEX GR8
*	E552023	DPT.	NUT, 1-1/4 SL. HEX
34	439070	1	PIN WLDT,HITCH 1-3/8x6x9
*	456220	DPT.	PIN WLDT,HITCH 1-1/4x6x9

Item	Part Number	Qty.	Description
4	E552084	-	Nut, Hex 1-1/2"-6 Slotted
5	E552072	-	Nut, Hex 1-3/8"-6 Slotted Grade 8
6	E580042	-	Pin, Cotter 3/16" x 3"
7	V063768	-	Pin, Cotter 1/4" x 3"
8	E580053	-	Pin, Roll 5/16" x 1-3/4"
9	E580086	2	Weldment, Side Pin
10	E580109	1	Weldment, Pin
11	E586014	1	Weldment, Pivot
12	E672103	-	Bolt, Hex 1"-8 x 2-1/2"
13	V063596	-	Washer, Flat 1-1/2" x 3" x 5/32"
14	I124829	-	Nut, Hex 3/8"-16 Jam
15	003350	-	Washer, Lock 1"
16	005360	-	Nut, Hex 1/2"-13
17	005370	-	Washer, Lock 1/2"
18	011370	-	Bolt, HHCS 3/8"-16 x 1-1/2"
19	013170	-	Zerk, 1/8"-27 NPT Short Grease
20	1990560	-	
21	020720	-	Washer, Flat 13/16" x 1-3/4" x 11/64"
22	020650	-	Washer, Flat 1-9/64" x 1-5/8" x 9/64"
23	021180	-	Washer, Lock 3/8" x 11/16" x 3/32"
24		-	
25	027260	-	Nut, Hex 3/8"-16
26	038560	2	Bolt, HHCS 1/2"-13 x 4"
27	991050	1	Bolt, HHCS 3/4"-10 x 8-1/2"
28	1100756	-	Zerk, 1/4"-28 90°
29	290360	1	
30	131730	-	Screw, SHSS 3/8" x 1-1/4"
31	J14H805	-	Nut, Hex 1"-8
32	425500	1	Weldment, Drawbar Clevis 1-1/2" Bolt
33	290350	1	
34	439070	1	Weldment, Hitch Pin 1-3/8" x 6" x 9"
35	290120	1	Weldment, Front Hitch
36	425490	1	Clevis, Hitch 1-1/2" Bolt
37	252820	1	Pin, Hitch 1-1/8" x 6-15/16"
38	252870	1	Weldment, Tongue
39	990870	-	Bolt, HHCS 3/8"-16 x 3-1/2"
40	115590	-	Zerk, 1/4"-28 Taper Self-Tapping Straight
41	425550	-	Washer, Hardened 1-9/16" x 3" x 1/4"
42	JAR90579	1	Chain, Safety
43	232240	2	Bushing
44	E126034	1	Bushing, Machined 1-7/8" x 2-7/8" 10 Gauge
45	E580057	1	Pin, Roll 3/8" x 2-1/2"
46	268180	1	Weldment, Bracket RowFinder Cylinder
47	268240	1	Pin, Rowfinder Cylinder
48	268250	2	Race, Inner 1-7/8" x 2-1/8" x 1-1/2"
49	246120	-	Bolt, U 3/4"-10 x 1-1/2" x 4-1/2" Threaded
50	036800	-	Washer, Lock 3/4"
51	J14H794	-	Nut, Hex 3/4"-10
52	290320		58 042960
53	I120601R1	3	59 120970
54	I189304		60 231950
55	023950		61 238420
56	286950		62 186520

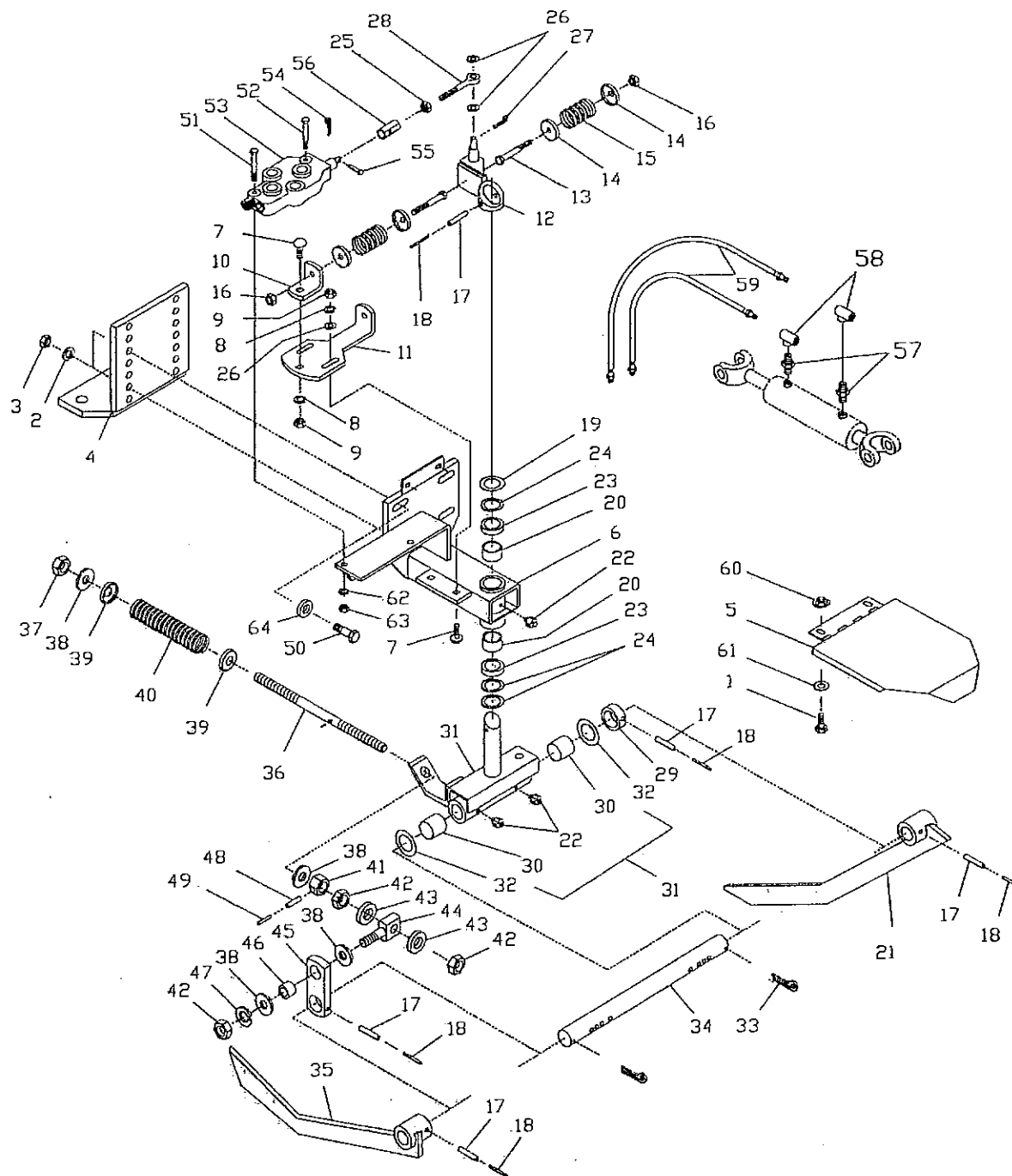
NOTES

GEARBOX, MAIN 1.93 TO 1 - 286580



Item	Part Number	Qty.	Description
1	-	1	-
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 4.75 mm
6	-	-	-
7	-	-	-
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	-	-	-
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"-18 NPTF (P96969)
26	377970	1	Gear, Set R=.52

HYDRAULIC ROW FINDER (M3429/0A)

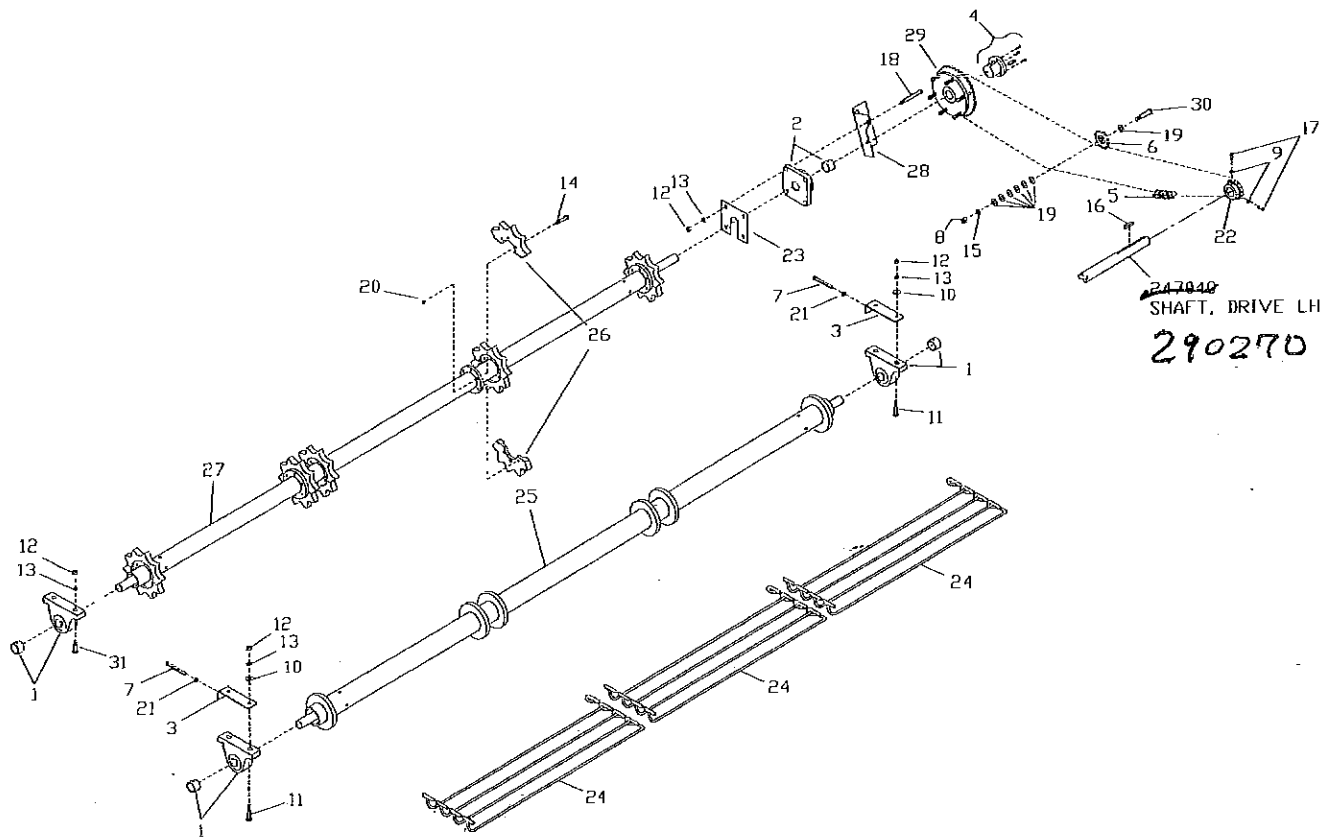


ITEM	PART NUMBER	QTY	DESCRIPTION
1	022420	-	BOLT, HHCS 3/8x.75
2	005370	-	WASHER, LOCK 1/2
3	005360	-	NUT, HEX 1/2
4	259470	1	BRACKET, WELDMENT MOUNTING
5	259620	1	SHIELD, WELDMENT ROW FINDER
6	259510	1	BRACKET, WELDMENT FRAME
7	035180	-	BOLT, CRG. 3/8x1-1/4
8	021180	-	WASHER, LOCK 3/8
9	027260	-	NUT, HEX 3/8

HYDRAULIC ROW FINDER (M342970A)

ITEM	PART NUMBER	QTY	DESCRIPTION
10	JN145971	1	BRACKET, ANGLE
11	JN145982	1	BRACKET, ADJUSTMENT
12	259560	1	ARM, WELDMENT CENTERING
13	990820	-	BOLT, HHCS 3/8x3
14	JN73401	-	WASHER, CUPPED
15	JCJ21FN	2	SPRING, COMPRESSION .99x1.38x2
16	073630	-	NUT, LOCK 3/8
17	E580053	-	PIN, ROLL 5/16x1-3/4
18	J34H288	-	PIN, ROLL 3/16x1-3/4
19	I22266R1	-	WASHER, FLAT 1-1/8x1-3/4x.027
20	JJD8813	2	BEARING, 1.12
21	JAN142149	1	SENSOR ASSY L.H.
22	049180	-	ZERK, GREASE 1/4
23	JAT30144	2	SEAL, 1.1
24	I23041R1	-	WASHER, FLAT 1.156x1.5x.060
25	I124829	-	NUT, JAM 3/8
26	I120394	-	WASHER, FLAT .406x.812x.051
27	023090	-	PIN, COTTER 3/32x3/4
28	JAN71924	1	PIN, CONNECTING
29	JN145972	1	BUSHING, 1-1/4 ID
30	JL1713C	2	BUSHING, SHAFT
31	259590	1	SHAFT, "I" ASSY
32	I608700R1	-	WASHER, FLAT 1.281x2x.054
33	003950	-	PIN, COTTER 3/16x2
34	JN145977	1	SHAFT, CROSS
35	JAN142148	1	SENSOR ASSY., R.H.
36	JN147175	1	STUD, ADJUSTING
37	JK40015	-	NUT, LOCK 5/8
38	J24H1373	-	WASHER, FLAT .656x1.56x.180
39	JN147036	-	WASHER, CUPPED
40	J23096	1	SPRING, COMPRESSION 1x1-3/8x6
41	JN147174	1	STOP, SPRING COMPRESSION
42	I124589	-	NUT, HEX 5/8
43	J24H1367	-	WASHER, FLAT .656x1.25x.250
44	JN145970	-	BOLT, EYE 5/8x2.6
45	JN145981	1	BRACKET, SPRING
46	JN145980	-	SPACER
47	020440	-	WASHER, LOCK 5/8
48	1030808	-	PIN, ROLL 5/16x1-1/4
49	991100	-	PIN, EXPAND 3/16x1-1/4
50	1770500	-	BOLT, HHCS 1/2x1-3/4
51	009800	-	BOLT, HHCS 5/16x2-1/2
52	022910	-	BOLT, HHCS 5/16x2-1/4
53	343250	1	CONTROL VALVE ASSY, OPEN CENTER
53	JAN71922	-	PLUG, OPEN CENTER(NDT SHOWN)
53	JAN140006	-	PLUG, CLOSED CENTER(NDT SHOWN)
53	JAN103932	1	SEAL KIT, ROW FINDER VALVE
54	J11H230	-	PIN, COTTER 1/16x3/8
55	JN73390	-	PIN, VALVE
56	JN73405	1	CLEVIS, VALVE
57	166250	2	ADAPTER, STRAIGHT
58	166290	2	ADAPTER, TEE
59	259600	2	HOSE, HYDRAULIC 3/8x79
60	020180	-	NUT, LOCK 3/8 FLANGE
61	021190	-	WASHER, FLAT .438x1.0x.083
62	023620	-	WASHER, LOCK 5/16
63	023630	-	NUT, HEX 5/16
64	005200	-	WASHER, FLAT 1/2
65	005200	2	HOSE, 38x54 5-14 NPTF MALE
66	005270	4	HOSE, 38x54 7-16 ORB MALE

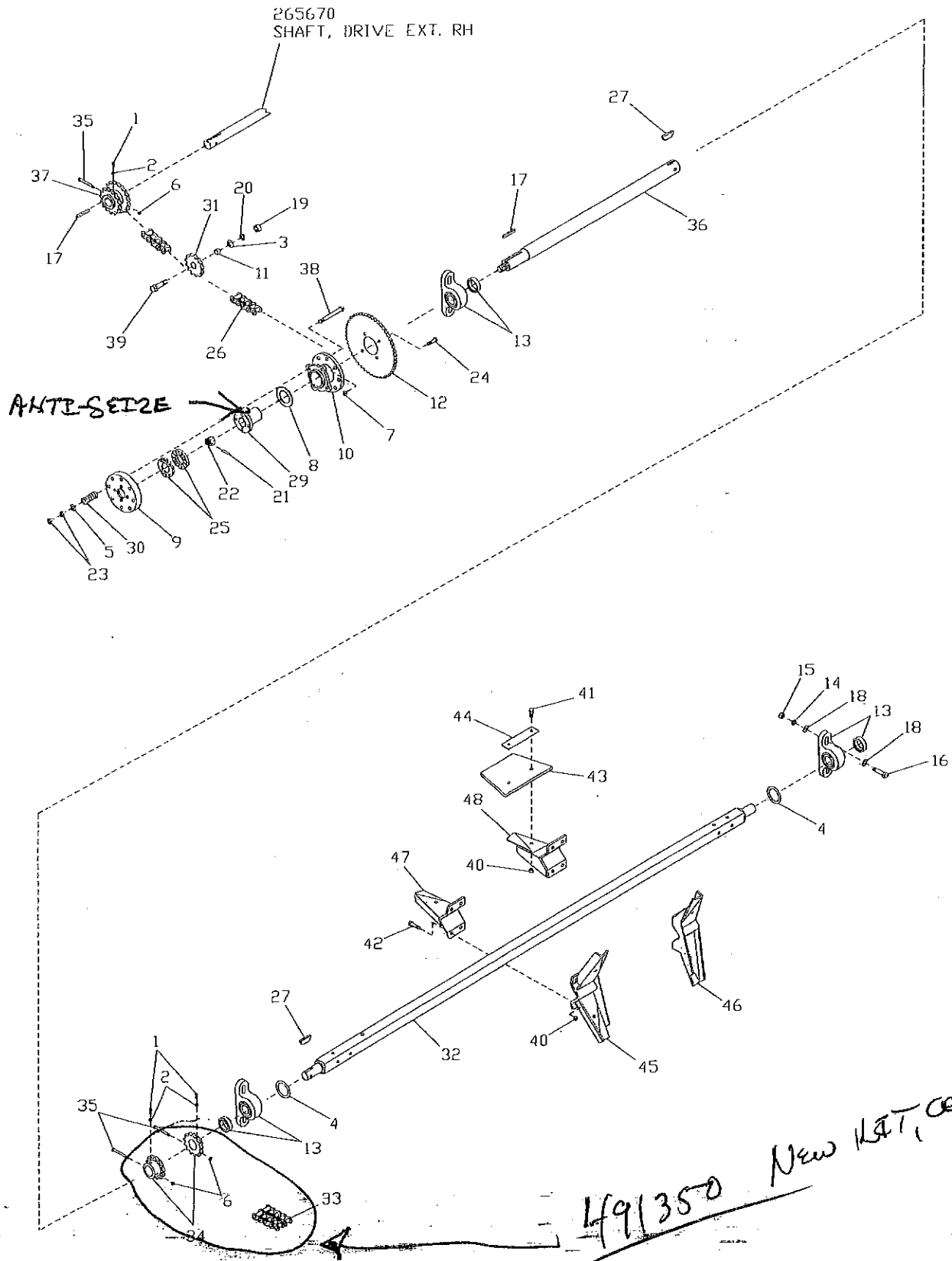
DRIVE ASSEMBLY, CHAIN BED - 352980



DRIVE ASSEMBLY, CHAIN BED - 352980

Item	Part Number	Qty.	Description
1	E072001	3	Bearing, Pillow Block 1-7/16"
2	E072102	1	Bearing, Flange 1-5/8"
3	E104319	2	Bracket, Tension
4	E126073	1	Bushing, Split Taper 1-5/8"
5	E164080	1	Assembly, Roller Chain #60H x 106 Pitches
6	E366013	1	Sprocket, Idler 60B13 with 5/8" Bearing
7	E672369	2	Screw, SHSS 1/2" x 4"
8	I124589	1	Nut, Hex 5/8"-11
9	I124829	2	Nut, Hex 3/8"-16 Jam
10	005200	4	Washer, Flat 9/16" x 1-3/8" x 7/64"
11	005210	4	Bolt, Carriage 1/2" x 2-1/4"
12	005360	10	Nut, Hex 1/2"-13
13	005370	10	Washer, Lock 1/2"
14	011370	36	Bolt, HHCS 3/8"-16 x 1-1/2"
15	020440	1	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
16	021530	1	Key, Square 3/8" x 2"
17	022520	2	Screw, SSHS 3/8"-16 x 1" Cup PT BLO
18	023950	4	Bolt, HHCS 1/2"-13 x 2"
19	035210	10	Washer, Flat 21/32" x 1-5/16" x 3/32"
20	073630	36	Nut, Lock 3/8"-16 Hex Nylon
21	114380	2	Nut, Hex 1/2"-13 Jam
22	252170	1	Sprocket, 60B14 1-3/4" ID
23	265480	1	Plate, Bearing
24	352820	78	Chain, Draper 33/64" x 42" x 2-3/8" Pitch
25	352830	1	Weldment, Idler Bed Shaft
26	352850	6	Sprocket, 10T 2-3/8" Pitch Chain Bed
27	352900	1	Weldment, Chain Bed Drive Shaft
28	352960	1	Shield, Drive
29	353100	1	Assembly, Slip Clutch 60A46
-	021190	6	Washer, Flat 7/16" x 1" x 5/64"
-	259960	1	Plate, Clutch 8" OD x 3-19/32" ID
-	259980	2	Disc, Fiber Clutch 6-13/32" x 1/8"
-	342890	6	Spring, Compression 1-1/2" OD x 1-3/4" x 7/32" W
-	352970	1	Hub, Clutch 6-39/64" OD
-	352990	1	Sprocket, Roller Chain 60A46
-	990820	6	Bolt, HHCS 3/8"-16 x 3"
30	990650	1	Bolt, HHCS 5/8"-11 x 3"
31	991200	2	Bolt, Carriage 1/2"-13 x 2"

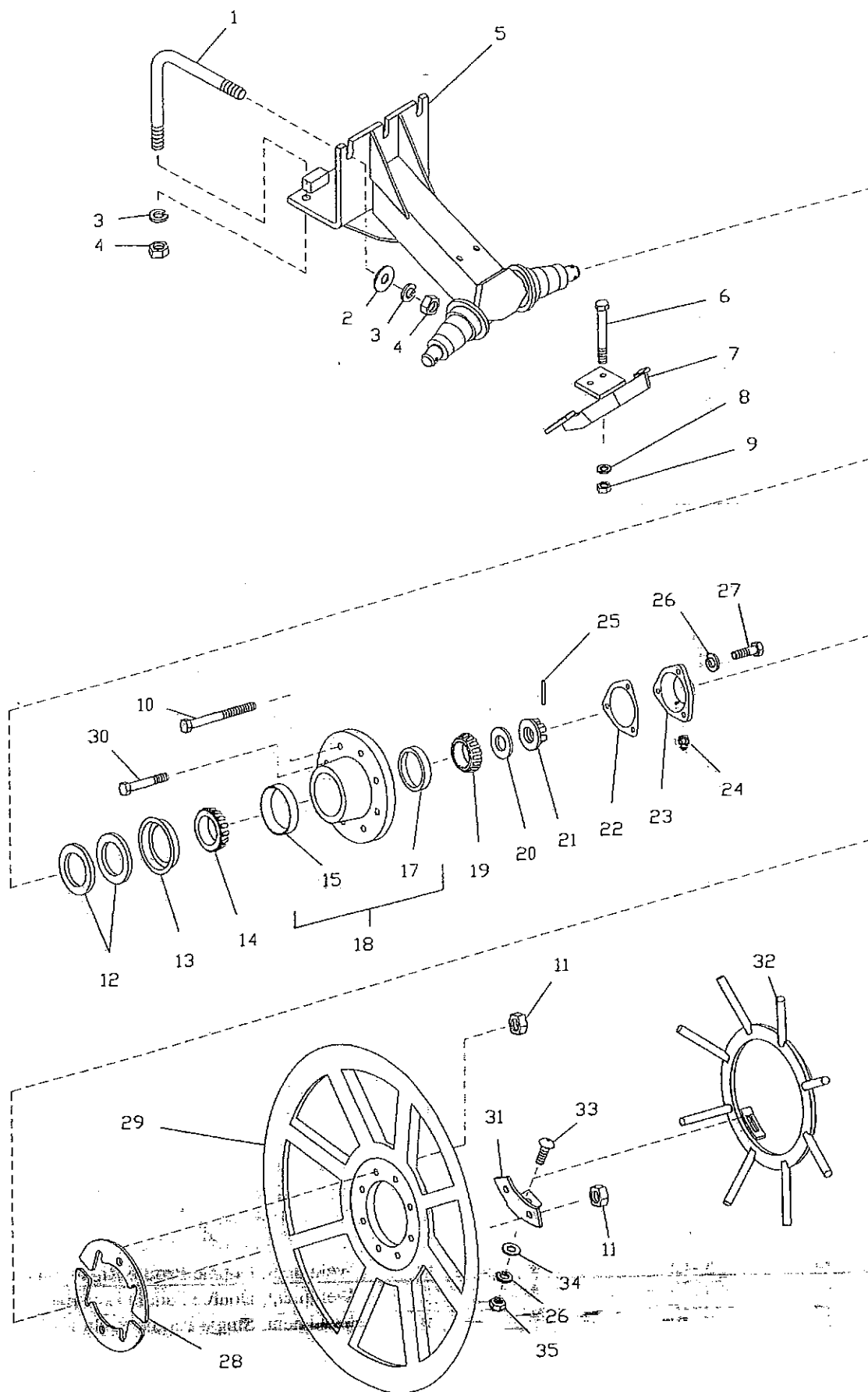
DRIVE ASSEMBLY, PADDLE SHAFT - 265560



DRIVE ASSEMBLY, PADDLE SHAFT - 265560

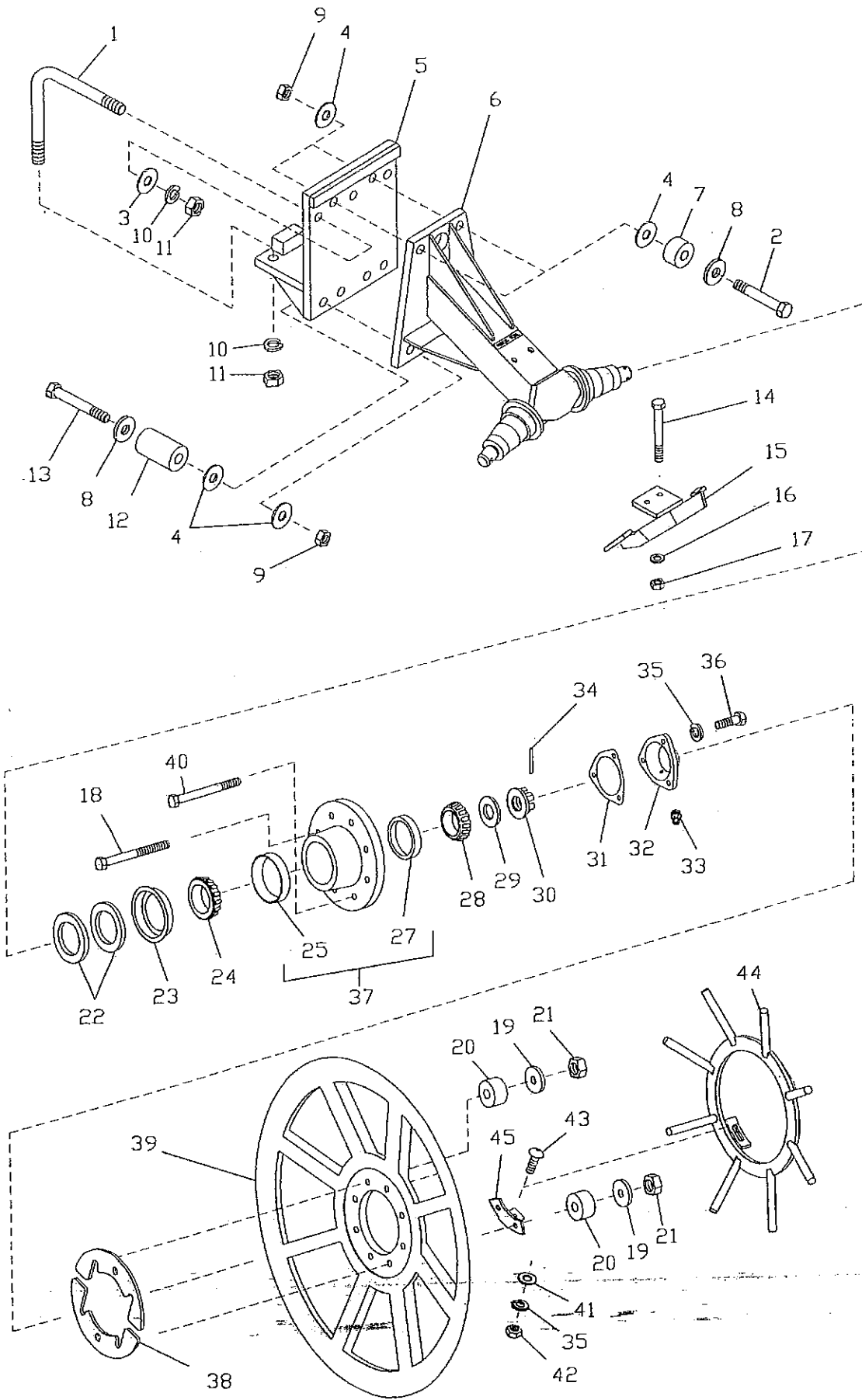
Item	Part Number	4Row Qty.	6 Row Qty.	Description
1	R61566	3	3	Screw, SHSS 3/8"-16 x 3/4"
2	I124829	3	3	Nut, Hex 3/8"-16 Jam
3	I131017	-	-	Washer, Flat 13/16" x 1-29/64" x 7/64"
4	396120	-	-	Bushing, Machined 2-1/32" x 3" x 10 Gauge
5	I25547R1	6	6	Washer, Flat 21/32" x 1-5/16" x 3/16" PHC
6	I359283C1	3	3	Nut, Lock 3/8"-16 Grade 8
7	I9413967	4	4	Nut, Lock 1/2"-13 Hex CAD 2-way Plated
8	E126201	1	1	Bushing, Machined 2-1/2" x 3-7/8" x 9/64"
9	411260	1	1	Flange, Spring Clutch
10	411410	1	1	Assembly, Clutch Housing
11	E724122	1	1	Spacer, Bushing 53/64" x 1-3/64" x 1/2"
12	E740881	1	1	Sprocket, 80A45
13	E072358	3	3	Bearing, Pillow Block 2" Cast Housing with Lock Collar
14	020440	6	6	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
15	I124589	6	6	Nut, Hex 5/8"-11
16	023110	6	6	Bolt, HHCS 5/8"-11 x 2-1/2"
17	030380	2	2	Key, Square 3/8" x 3"
18	035210	12	12	Washer, Flat 21/32" x 1-5/16" x 3/32"
19	J14H794	1	1	Nut, Hex 3/4"-10
20	036800	1	1	Washer, Lock 3/4"
21	040900	1	1	Pin, Roll 3/16" x 1-5/8"
22	042110	1	1	Nut, Hex 1"-14 Slotted
23	I121555	12	12	Nut, Hex 5/8"-11 Jam
24	1770500	4	4	Bolt, HHCS 1/2"-13 x 1-3/4"
25	225040	2	2	Jaw, Clutch Hardened Slip
26	225110	1	1	Chain, Roller RS80H x 88 Pitches
27	231950	2	2	Key, Woodruff 3/8" x 2-3/4"
28				
29	238430	1	1	Weldment, Slip Clutch Hub
30	239080	6	6	Spring, Compression Slip Clutch
31	240550	1	1	Sprocket, Idler 80-12 Teeth with Washer
32	261560	1	1	Weldment, Paddle Shaft
33	265590	1	1	Chain, RC80-2 13 Pitch Coupler
34	340350	2	2	Sprocket, RC80 13 Teeth
35	340360	3	3	Bolt, HHCS 3/8"-16 x 3-1/2" Grade 8
36	340380	1	1	Shaft, Paddle Extension
37	340560	1	1	Assembly, Sprocket Double RC60-RC80
38	201660	6	6	Bolt, HHCS 5/8"-11 x 6"
39	990860	1	1	Bolt, HHCS 3/4" x 2-3/4"
40	I9413967	56	84	Nut, Lock 1/2"-13 Hex CAD 2-way Plated
41	014770	24	36	Bolt, HHCS 1/2"-13 x 1-1/2"
42	023950	32	48	Bolt, HHCS 1/2"-13 x 2"
43	248800	12	18	Paddle, Rubber
44	273280	12	18	Strap, Paddle 1/8" x 2" x 7-3/4"
45	354220	4	6	Weldment, Double Paddle Right Hand
46	354230	4	6	Weldment, Double Paddle Left Hand
47	354240	4	6	Weldment, Single Paddle Right Hand
48	354250	4	6	Weldment, Single Paddle Left Hand

LIFTER WHEEL STANDARD STRUT (M353280)



LIFTER WHEEL STANDARD STRUT (M353280)

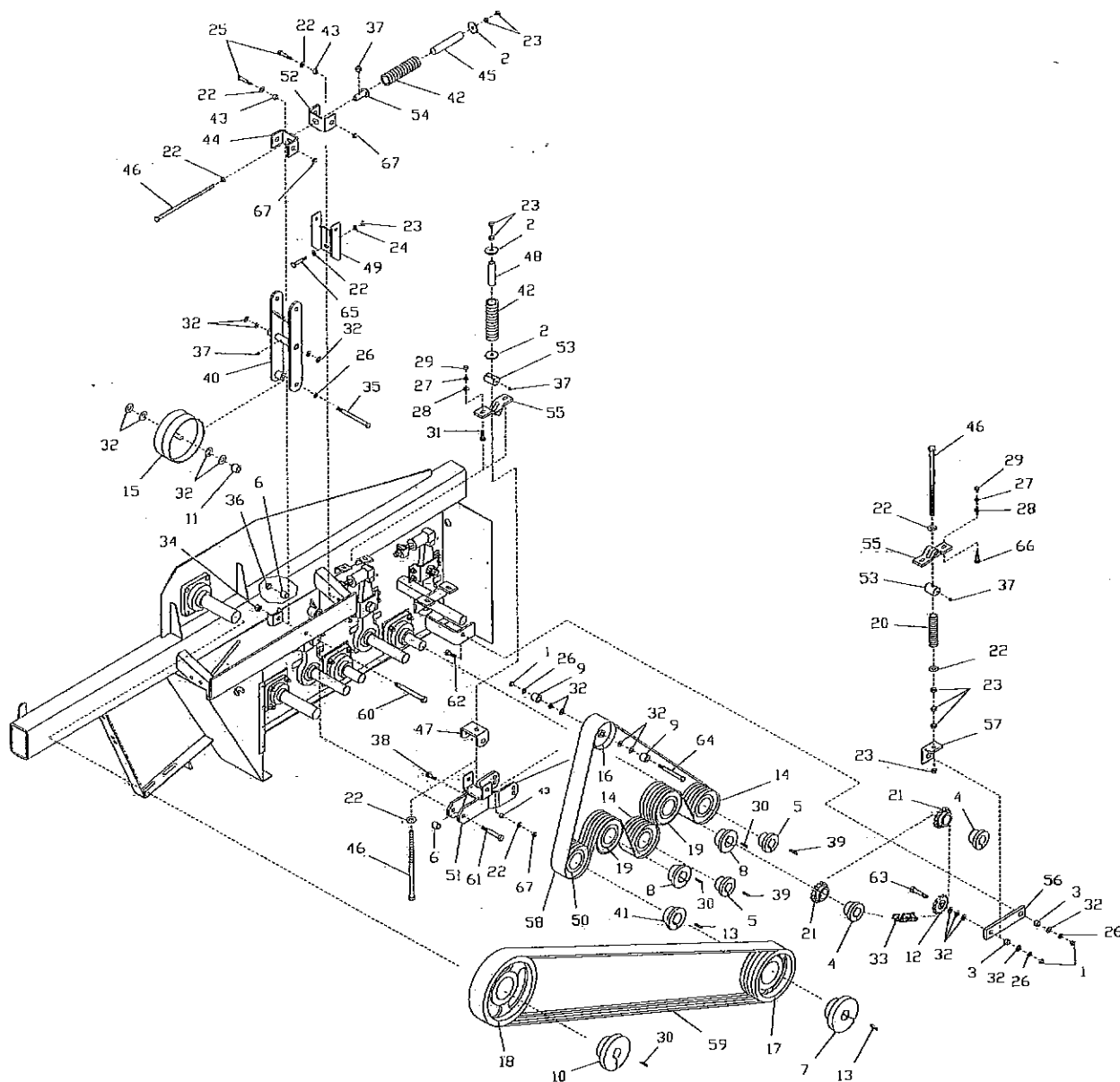
ITEM	PART NUMBER	QTY	DESCRIPTION
1	384580	3	BOLT, L 5/8x5.75x8.0 G5 ZN
2	127920	3	WASHER, FLAT 21/32x1-3/8
3	020440	6	WASHER, LOCK 5/8
4	1124589	6	NUT, HEX 5/8
5	267450	1	STRUT WELDMENT, STANDARD
6	018310	2	BOLT, HHCS 1/2x6.0
7	341310	1	BULLHORN WELD, SCRAPER
8	005370	2	WASHER, LOCK 1/2
9	005360	2	NUT, HEX 1/2
10	353290	4	BOLT, SPECIAL 1/2x4.0
11	127890	16	NUT, LOCK 1/2
12	263170	4	WASHER, FELT
13	263160	2	RETAINER, FELT
14	261640	2	CONE, BEARING 2.375
15	261650	2	CUP, BEARING
16	267350	2	HUB, LIFT STRUT
17	E072462	2	CUP, BEARING
18	267430	2	HUB ASSY, W/CUPS
19	184960	2	CONE, BEARING 2"
20	E829036	-	WASHER, FLAT 1-1/4
21	340320	-	NUT, SLOTTED 1-1/4 FLANGE
22	JN70509	2	GASKET, HUB
23	JN12550	2	CAP, HUB
24	JJD7798	-	ZERK, GREASE 1/8
25	013600	-	PIN, ROLL 1/4x2.0
26	021180	-	WASHER, LOCK 3/8
27	012260	-	BOLT, HHCS 3/8x1.0
28	268570	4	SPACER, WHEEL
29	344430	2	LIFTER WHEEL, CAST STEEL
30	990840	8	BOLT, HHCS 1/2x3.0
31	341290	4	BRACKET, CLOSE-UP MOUNTING
32	340260	2	CLOSE-UP, LIFTER WHEEL
33	0035180	-	BOLT, CRG. 3/8x1.25 G5 ZN
34	021190	-	WASHER, FLAT .44x1.0x.084
35	027260	-	NUT, HEX 3/8 G5 ZN



LIFTER WHEEL FLEX STRUT (M268890)

ITEM	PART NUMBER	QTY	DESCRIPTION
1	384590	3	BOLT, L 3/4x6.0x8.5 G5 ZN
2	990670	2	BOLT, HHCS 5/8x3.75 G5 ZN
3	J24H1401	3	WASHER, FLAT .25/32x1-3/4ZN
4	020430	12	WASHER, FLAT .688x1.75x.134
5	248280	1	STRUT WELDMENT, FLEX UPPER
6	267440	1	STRUT ASSY, FLEX w/hwb
7	248290	2	PAD, FLEX 1.00
8	340310	6	WASHER, FLAT .656x2.0x.25
9	E552046	6	NUT, LOCK 5/8
10	036800	6	WASHER, LOCK 3/4
11	J14H794	6	NUT, HEX 3/4
12	248300	4	PAD, FLEX 3.00
13	990680	4	BOLT, HHCS 5/8x5.50
14	018310	2	BOLT, HHCS 1/2x6.0
15	341310	1	BULLHORN WELD, SCRAPER
16	005370	2	WASHER, LOCK 1/2
17	005360	2	NUT, HEX 1/2
18	340300	16	BOLT, HEX 1/2x4.25
19	1486801R1	16	WASHER, FLAT .531x2.0x.25
20	267710	16	PAD, FLEX 1.00
21	127890	16	NUT, LOCK 1/2
22	263170	4	WASHER, FELT
23	263160	2	RETAINER, FELT
24	261640	2	CONE, BEARING 2.375
25	261650	2	CUP, BEARING
26	267350	2	HUB, LIFTER STRUT 8-BOLT
27	E072462	2	CUP, BEARING
28	184960	2	CONE, BEARING 2"
29	E829036	-	WASHER, FLAT 1.31x2.5x.156
30	340320	-	NUT, SLOTTED 1-1/4 FLANGE
31	JN70509	2	GASKET, HUB
32	JN12550	2	CAP, HUB
33	JJD7798	-	ZERK, GREASE 1/8
34	013600	-	PIN, ROLL 1/4x2
35	021180	-	WASHER, LOCK 3/8
36	012260	-	BOLT, HHCS 3/8x1.0
37	267430	2	HUB ASSY, W/CUPS
38	268570	8	SPACER, WHEEL
39	344430	2	LIFTER WHEEL, 1.60 OFF FNSHD.
40	030420	8	BOLT, HHCS 1/2x4.50
41	021190	-	WASHER, FLAT 3/8
42	027260	-	NUT, HEX 3/8
43	035180	-	BOLT, CRG. 3/8x1.25
44	340260	2	CLOSEUP, LIFTER WHEEL FLEX
45	341290	4	BRACKET, MOUNTING

GRAB ROLL DRIVE - 265420-1

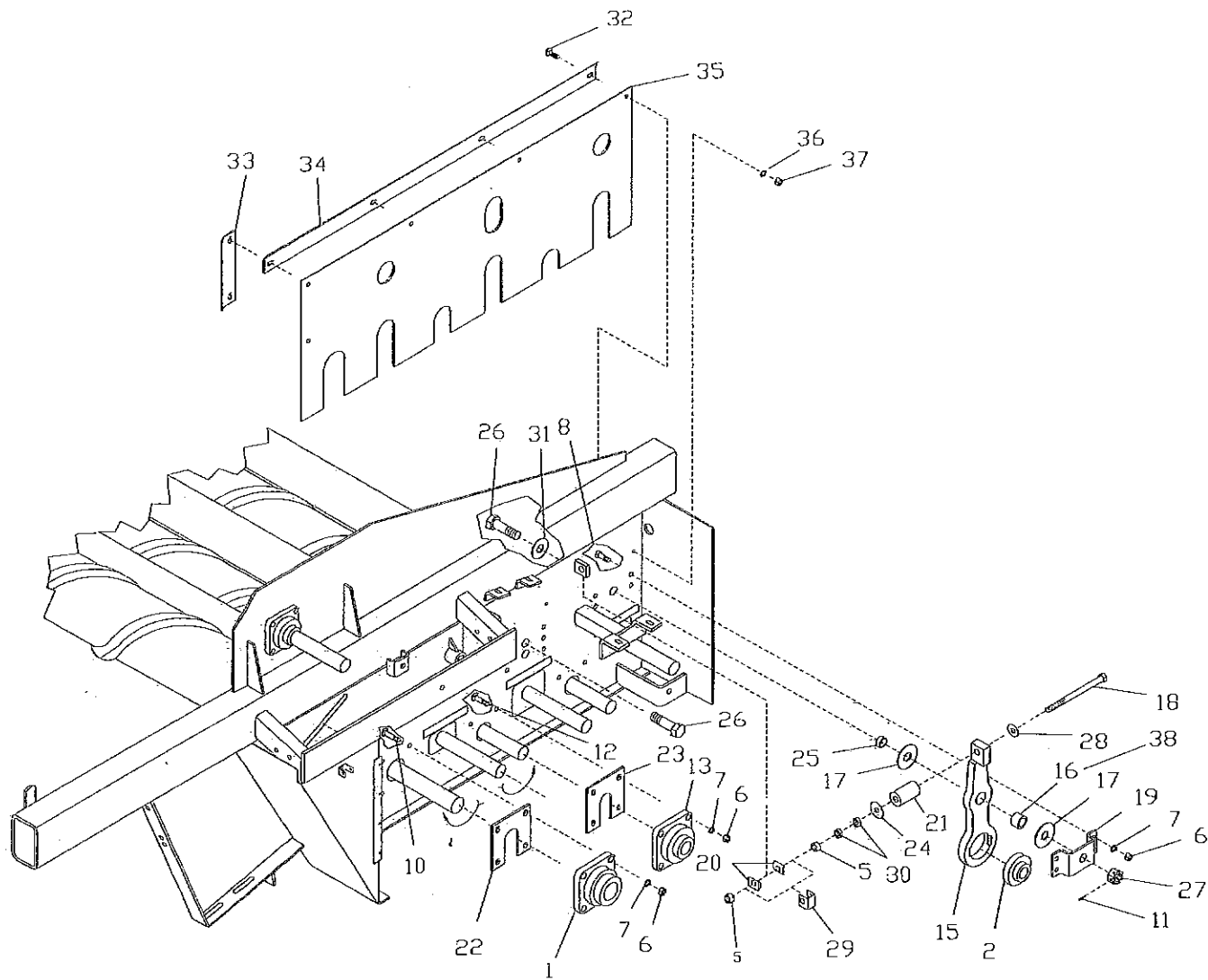


Item	Part Number	Qty.	Description
1	I124589	3	Nut, Hex 5/8"-11
2	I486801R1	3	Washer, Flat 17/32" x 2" x 1/4"
3	E126020	2	Bushing, Steel
4	E126073	2	Bushing, Split Taper 1-5/8"
5	E126112	2	Bushing, Split Taper 1-5/6" x 3/8" x 3/16"
6	E126151	2	Bushing, Spacer 3/4" x 1-1/6 x 1"
7	E126177	1	Bushing, Split Taper 1-15/16" x 1/4" x 1/2"
8	E126179	2	Bushing, 1-5/8"
9	E126195	2	Bushing, 11/16" x 1-1/4" x 1-1/8"
10	E126196	1	Bushing, Split Taper 1-3/4" ID
11	E126197	1	Bushing, 11/16" ID x 1-1/4" x 15/16"
12	E366013	1	Sprocket, Idler 60B13 with 5/8" Bearing
13	E388049	2	Key, Square 1/2" x 3"
14	E706093	2	Sheave, B4 5-19/32" SD
15	E706098	1	Sheave, Idler Flat 8" OD 5/8" Bore
16	E706099	1	Sheave, Idler Flat 5" OD 5/8" ID

GRAB ROLL DRIVE - 265420-1

Item	Part Number	Qty.	Description
17	E706100	1	Sheave C3 9"
18	E706102	1	Sheave, C3 12"
19	E706108	2	Sheave, Flat 6-1/4" OD
20	E738050	1	Spring, Compression 7/64" x 26" x 6"
21	E740215	2	Sprocket, 60P15
22	005200	12	Washer, Flat 9/16" x 1-3/8" x 7/64"
23	005360	10	Nut, Hex 1/2"-13
24	005370	2	Washer, Lock 1/2"
25	014770	4	Bolt, HHCS 1/2"-13 x 1-1/2"
26	020440	4	Washer, Lock 5/8" Regular x 1-5/64" x 5/32"
27	021180	4	Washer, Lock 3/8" x 11/16" x 3/32"
28	021190	4	Washer, Flat 7/16" x 1" x 5/64"
29	027260	4	Nut, Hex 3/8"-16
30	030380	3	Key, Square 3/8" x 3"
31	035180	2	Bolt, Carriage 3/8"-16 x 1-1/4"
32	035210	30	Washer, Flat 21/32" x 1-5/16" x 3/32"
33	038040	1	Chain, Roller #60 x 50 Pitches
34	038400	1	Nut, 5/8"-11 Nylon Insert
35	056720	1	Bolt, HHCS 5/8"-11 x 4"
36	1100238	1	Nut, Lock 3/4"-10 Hex LT Reg Nylon
37	115590	4	Zerk, 1/4"-28 Taper Self-Tapping Straight
38	156850	2	Bolt, Carriage 1/2"-13 x 1-1/2"
39	167920	2	Key, Square 3/8" x 2-1/2"
40	230960	1	Weldment, Primary Drive Idler Arm
41	230980	1	Bushing, SK 1-5/16"
42	231000	2	Spring, Compression 1-5/8" x 7-1/4"
43	231030	6	Spacer, 3/4" OD x 3/8"
44	231040	1	Bracket, Spring Pivot
45	231050	1	Spacer, Spring Length
46	231070	3	Weldment, Take-Up Rod 15"
47	239030	1	Bracket, Spring Pivot
48	239040	1	Spacer, Spring Length
49	240890	1	Bracket, Idler Take-Up
50	240910	1	Sheave, 4B 5-61/64" OD Rework
51	246900	1	Weldment, Idler Final Arm
52	251010	1	Bracket, Spring Pivot
53	251020	2	Guide
54	251030	1	Guide
55	251830	2	Weldment, Bracket Take-Up
56	264810	1	Arm, Idler 1/2" x 2" x 9"
57	264820	1	Bracket, Rod Support
58	264850	1	V-Belt, 4BX Powerband 101" HI
58	264860	1	V-Belt, 4BX Powerband 98" Low
59	264870	1	V-Belt, 3CX Powerband 106-57/64"
60	344290	1	Bolt, HHCS 5/8"-11 x 7-1/4"
61	990590	1	Bolt, HHCS 3/4"-10 x 4"
62	013430	1	Bolt, HHCS 5/8"-11 x 2-1/4"
63	990650	1	Bolt, HHCS 5/8"-11 x 3"
64	990680	1	Bolt, HHCS 5/8"-11 x 5-1/2"
65	990840	2	Bolt, HHCS 1/2"-13 x 3"
66	J03H1558	2	Bolt, Carriage 3/8"-16 x 1-1/2"
67	037540	6	Nut, Lock 1/2"-13 Hex

GRAB ROLL DRIVE - 265420-3

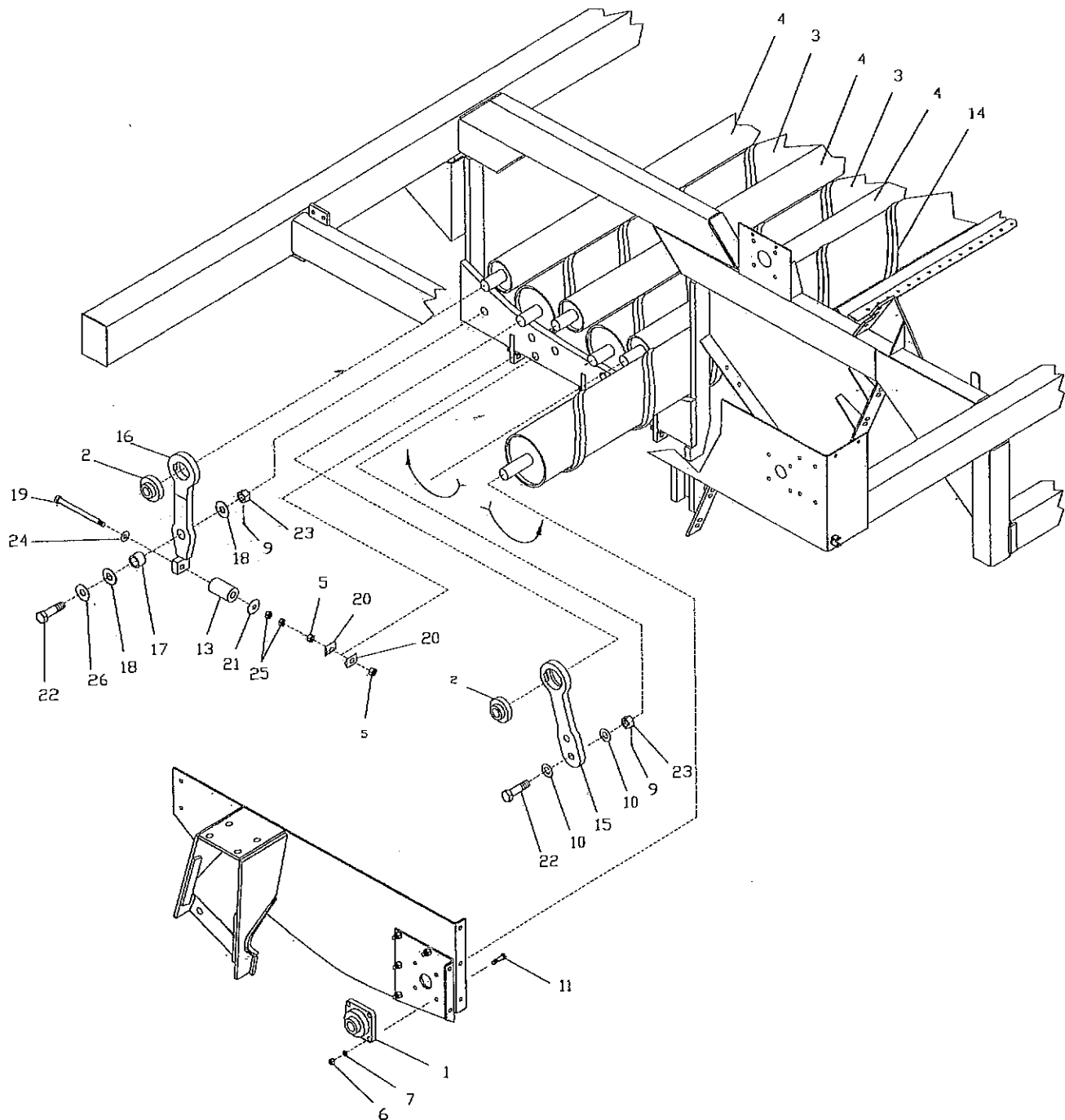


GRAB ROLL DRIVE - 265420-3

Item	Part Number	Qty.	Description
1	E072102	2	Bearing, Flange 1-5/8"
2	E072375	3	Bearing, 1-5/8" with Collar
3	-	-	-
4	-	-	-
5	I124589	6	Nut, Hex 5/8"-11
6	005360	24	Nut, Hex 1/2"-13
7	005370	24	Washer, Lock 1/2"
8	014770	12	Bolt, HHCS 1/2"-13 x 1-1/2"
9	-	-	-
10	023950	7	Bolt, HHCS 1/2"-13 x 2"
11	003950	3	Pin, Cotter 3/16" x 2"
12	1770500	8	Bolt, HHCS 1/2"-13 x 1-3/4"
13	240900	1	Bearing, 1-5/16" Flanged Wide
14	-	-	-
15	264710	3	Assembly, Grab roll Drive Arm 1-3/4" Bearing
16	264730	3	Bushing, Grab roll Drive
17	264740	6	Washer, Hardened 1-1/16" x 3" x 11 Gauge
18	264760	3	Bolt, HHCS 5/8"-11 x 8-1/2"
19	264770	3	Bracket, Grab roll Arm
20	264780	6	Washer, Oval 5/16" x 1-1/4" x 1-1/2"
21	264800	3	Pad, Flex 1-3/4" OD x 3/4" ID x 3"
22	265470	1	Plate, Seal Bearing
23	265480	2	Plate, Bearing
24	340310	3	Washer, Flat 21/32" x 2" x 1/4"
25	344250	3	Bushing, Steel 1" x 1-1/4" x 1/2"
26	344270	3	Bolt, HHCS 1"-14 x 3-1/2" Grade 8
27	344280	3	Nut, Hex 1"-14 Slotted Grade 8
28	035210	3	Washer, Flat 21/32" x 1-5/16" x 3/32"
29	344310	3	Clip, Retainer Drive
30	344630	6	Nut, Hex 5/8"-11 Jam Grade 8
31	990720	3	Washer, Flat 1-1/16" x 2-1/2" x 5/32"
32	170530	5	Bolt, Carriage 3/8"-16 x 1"
33	343430	1	Strap, Front
34	343420	1	Strap, Top
35	343410	1	Flap, Rubber Grah Roll
36	021180	5	Washer, Lock 3/8" x 11/16" x 3/32"
37	027260	5	Nut, Hex 3/8"-16
38	962090	0.5	Loctite, 12 oz. Can

GRABROLL DISCHARGE, 690 (M265420-2)

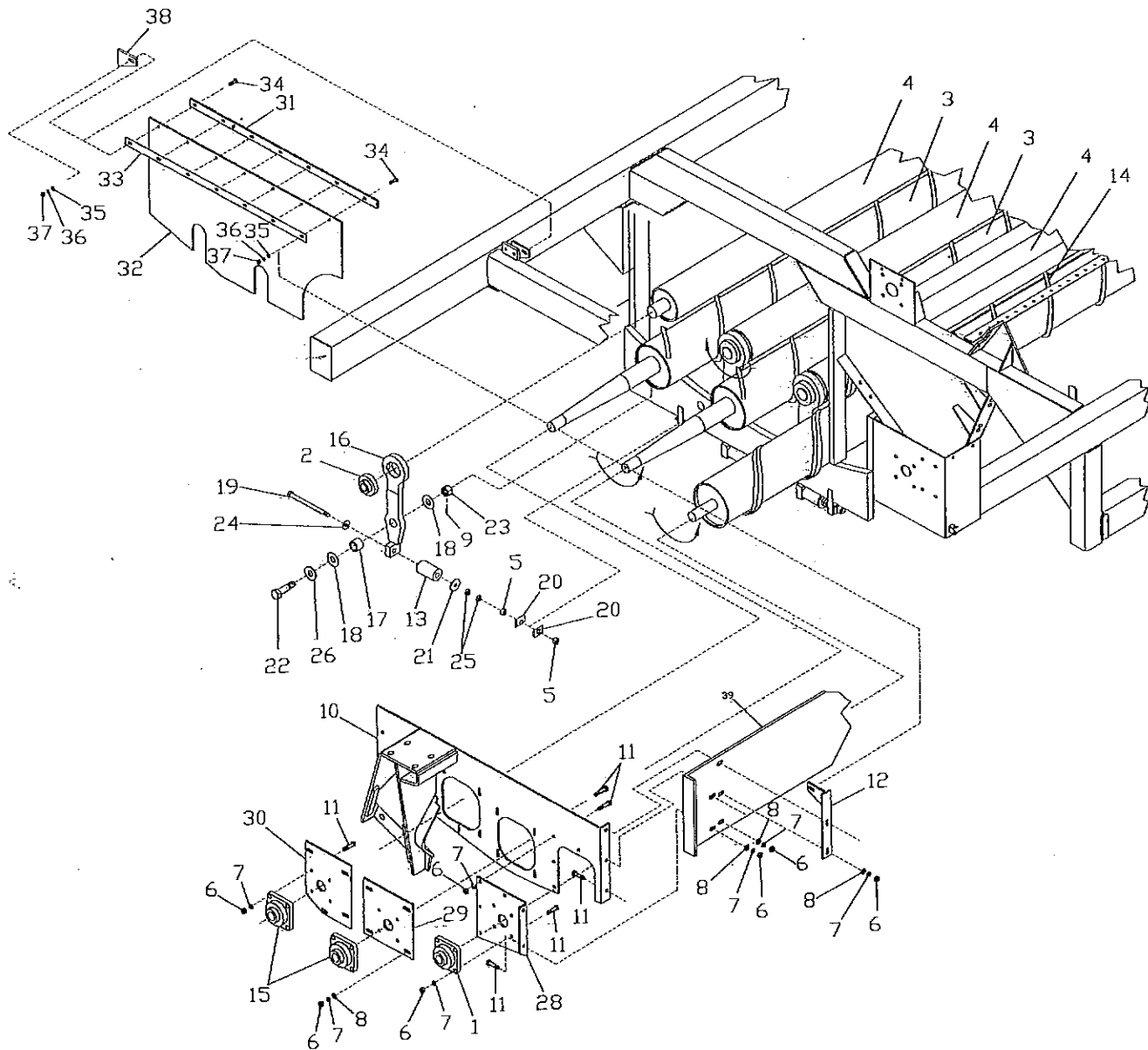
1996 & PREVIOUS, SERIAL NO'S. THRU 0552
UNLESS KIT ADDED FOR EXTENDED SHAFTS.



GRABROLL DISCHARGE, 690 (M265420-2)

1996 & PREVIOUS, SERIAL NO'S. THRU 0552
UNLESS KIT ADDED FOR EXTENDED SHAFTS.

ITEM	PART NUMBER	QTY	DESCRIPTION
1	E072102	1	BEARING, 1-5/8 BORE FLANGED
2	E072470	5	BEARING, 1-7/16 W/LOCK COLLAR
3	E650089	2	ROLL WELDED, SPIRALED #3&5
3	411620	2	GRAB ROLL, POLYETH. #3&5 SPIRAL
4	E650140	3	ROLL WELDMENT, SMOOTH GRAB
4	411680	3	GRAB ROLL, POLYETHYLENE SMOOTH
5	I124589	6	NUT, HEX 5/8-11 GR.5 ZN
6	005360	4	NUT, HEX 1/2-13 GR.5 ZN
7	005370	4	WASHER, 1/2 LOCK ZN
8	-	-	-
9	003950	7	PIN, COTTER 3/16x2.0 ZN
10	1107389	8	WASHER, 1.06x2.00x.134 FLAT ZN
11	1770500	4	BOLT, HHCS 1/2-13x1-3/4 GR.5 ZN
12	-	-	-
13	248300	3	PAD, FLEX 1.75 ODx.75 IDx3.0
14	255350	1	GRAB ROLL, #1 REVERSE SPIRALED
14	260670	1	GRAB ROLL, #1 SPIRALED
14	391620	1	GRAB ROLL, #1 DBL REV SPIRAL
14	411630	1	GRAB ROLL, #1 POLYETHYLENE SPIRAL
14	411640	1	GRAB ROLL, POLY. #1 REV SPIRAL
14	411650	1	GRAB ROLL, #1 POLY. #1 DBL. REV
15	411900	2	ARM, GRAB ROLL DISCHARGE
16	264690	3	ARM ASSY; GRAB ROLL DISCHARGE
17	264730	3	BUSHING, GRAB ROLL DRIVE
18	264740	6	WASHER, HARDENED 1.06x3.0x.11 GA.
19	264760	3	BOLT, HHCS 5/8-11x8-1/2 GR.8 ZN
20	264780	6	WASHER, OVAL .312x1.25x1.50
21	340310	3	WASHER, .656 IDx 2.00 OD
22	344270	7	BOLT, HHCS 1-14x3-1/2 GR.8 ZN
23	344280	7	NUT, HEX 1-14 SLOTTED GR.8 ZN
24	035210	3	WASHER, .656 X 1.31 X .095 FLAT
25	344630	6	NUT, HEX 5/8-11 JAM GR.8 ZN
26	990720	3	WASHER, FLAT 1.06x2.50x.164
27	962090	.05	LOCTITE ANTI-SIEZE LUB #76759



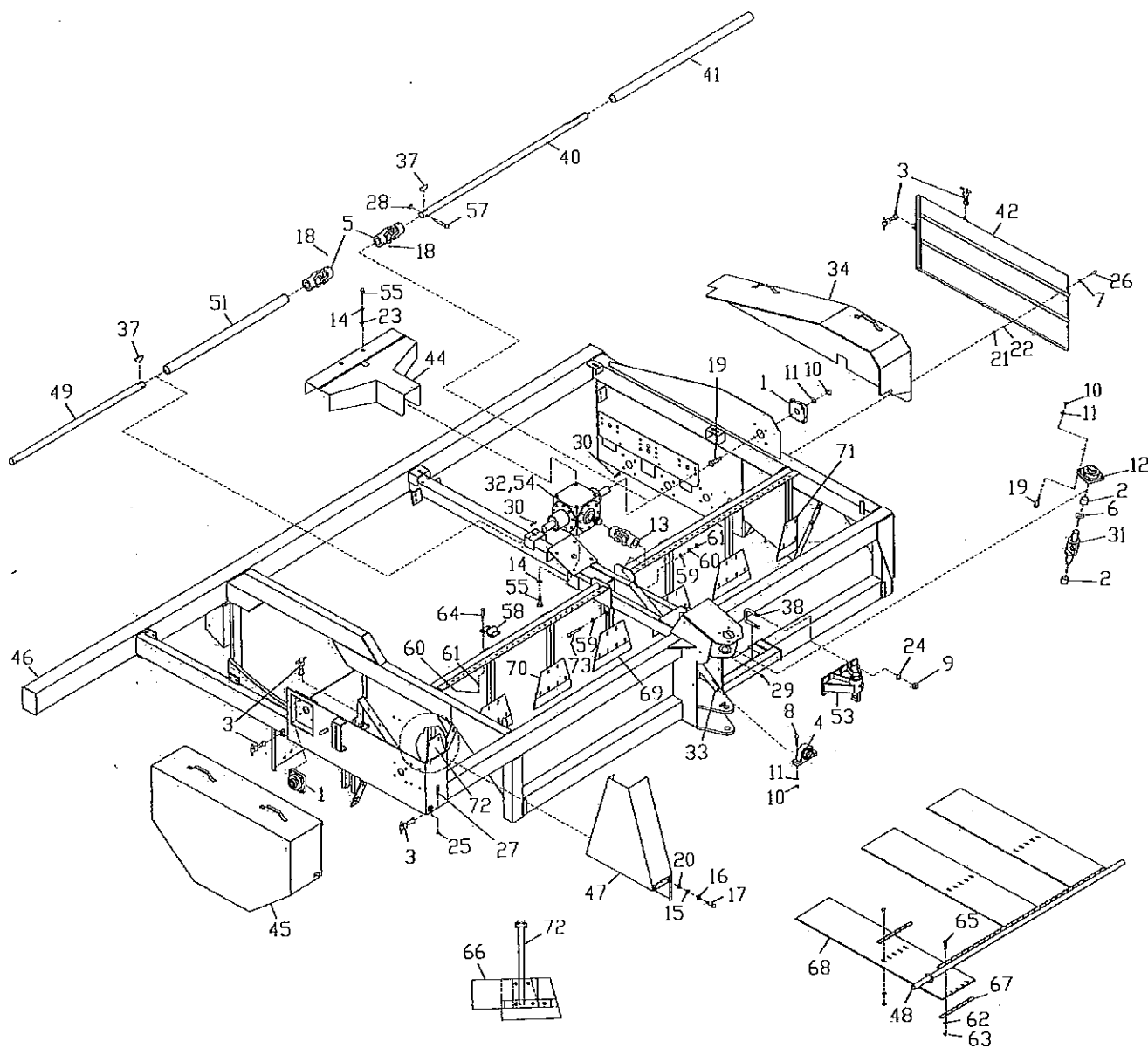
EXTENDED GRAB ROLL, 690 DISCHARGE (M440130)

1997 & AFTER
SERIAL NO'S. 0553 & ABOVE

ITEM	PART NUMBER	QTY	DESCRIPTION
1	E072102	1	BEARING, 1-5/8 BORE FLNG.
2	E072470	3	BEARING, 1-7/16 W/LOCK C.
3	439930	2	ROLL WLD, SPIRL. #3-#5
3	440010	2	GRB. ROLL POLY. #3-#5 SPI.
4	E650140	3	ROLL WLD. , SMOOTH GRAB
4	411680	3	GRB. ROLL, POLY. SMOOTH
5	I124589	6	NUT, 5/8-11 GR. 5 HEX
6	005360	29	NUT, 1/2-13 GR. 5 HEX
7	005370	29	WASHER, 1/2" LOCK ZN.
8	005200	21	WASHER, 1/2" FLAT ZN.
9	003950	3	PIN, COTTER 3/16 X 2.0 ZN.
10	425640	1	SUPT. WLD'T, REAR ROLLER
11	1770500	29	BOLT, HHCS 1/2-13X1-3/4
12	439700	1	BRKT. WLD'T, FLAP
13	248300	3	PAD, FLEX 1.75 DDH.75IDH3
14	255350	1	G.ROLL, #1 REVERSE SPIR
14	260670	1	G.ROLL, #1 SPIRALED
14	391620	1	G.ROLL, #1 DBL REV SPIR
14	411630	1	G.ROLL, #1 POLLY SPIR
14	411640	1	G.ROLL, #1 POLLY REV SPIR
14	411650	1	G.ROLL, #1 POLY DBL. REV.
15	E072489	2	BEARING, 1.75 4-BOLT FLG.
16	264690	3	ARM ASSY, GRAB ROLL DIS.
17	264730	3	BUSHING, GRAB ROLL DRIVE
18	264740	6	WASHER, HARDENED 1.06X3
19	264760	3	BOLT, HHCS 5/8 X 8-1/2
20	264780	6	WASHER, OVAL .312X1.25X1.5
21	340310	3	WASHER, .656 ID X 2 OD
22	344270	3	BOLT, HHCS 1X3.5 GR.8
23	344280	3	NUT, HEX SLOTTED 1-14 GR.8
24	035210	3	WASHER, .656X1.31X.095 FLAT
25	344630	6	NUT, 5/8-11 HEX JAM GR.8
26	990720	3	WASHER, FLAT 1.06X2.5X.164
27	962090	.05	LOCTITE ANTI-SIEZE LUB
28	263880	1	PLATE, BRG. SUPT. #1 ROLL
29	425700	1	PLATE, BRG. SUPT. #3 ROLL
30	425710	1	PLATE, BRG. SUPT. #5 ROLL
31	430550	1	BAR, FLAP GRABROLLS
32	430540	1	FLAP, RUBBER, GRABROLLS
33	426010	1	STRIP, RUBBER BACKING
34	J03H1558	7	BOLT, CRG. 3/8-16 X 1-1/2
35	021190	7	WASHER, 3/8" FLAT
36	021180	7	WASHER, 3/8" LOCK
37	027260	7	NUT, 3/8" HEX
38	439720	1	TAB, 690 FLAP(WELD TO F)
39	-	-	PLATE, FRONT (REF. ONLY)

Double wrap roll for # 3 & 5, extended

only - # 444600



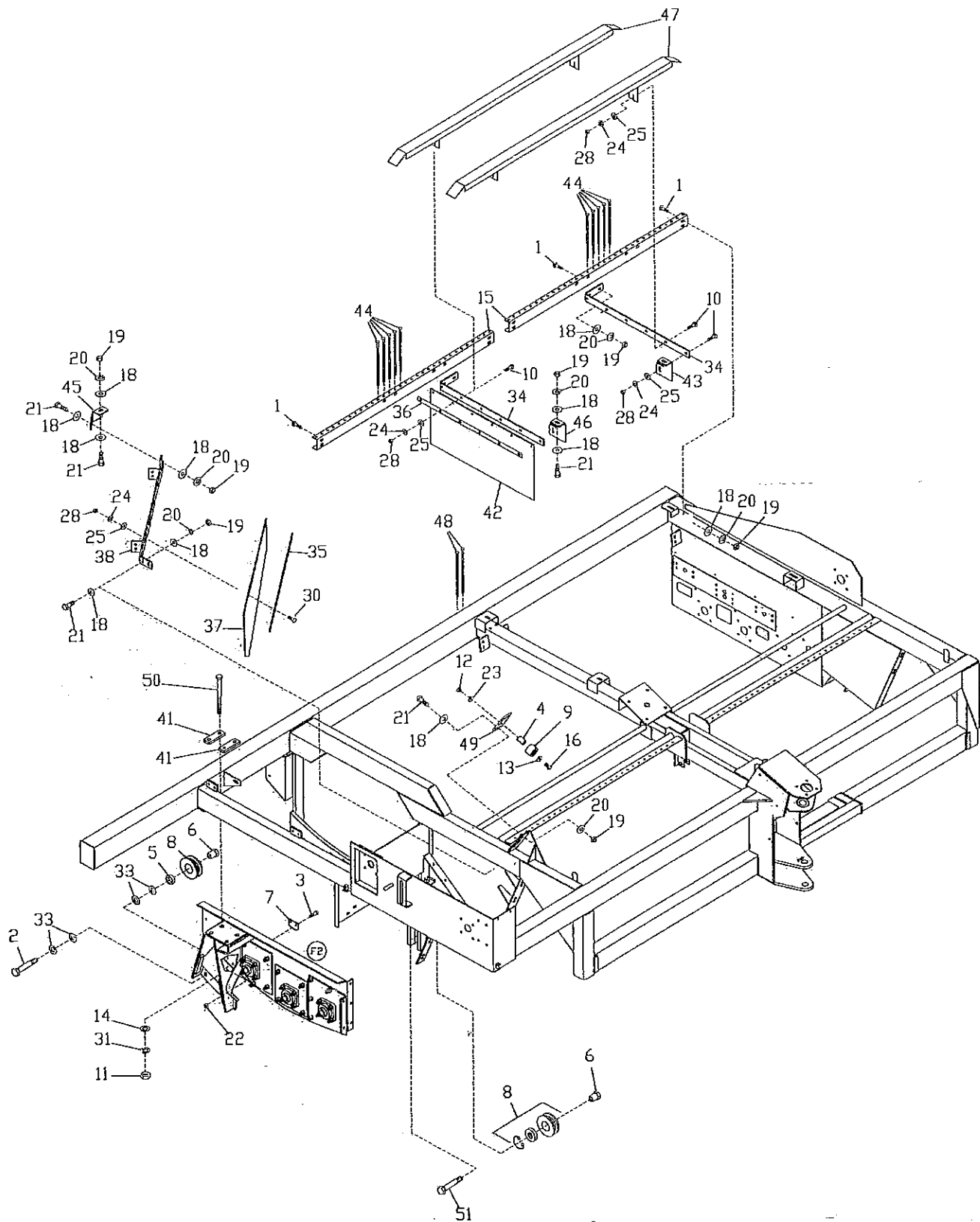
ITEM	PART NUMBER	4 ROW	6 ROW	DESCRIPTION
1	E072489	-	2	BEARING, 1-3/4 4 HOLE FLANGE
2	286920	-	2	BUSHING, 1.51x1.88x2.0
3	E504003	-	6	LATCH, RUBBER HUNINGTON
4	238420	-	1	BEARING, PB 1.75
5	E823023	-	2	JOINT, UNIVERSAL 35N 1.75x1.75
6	V063596	-	1	WASHER, FLAT 1.62x3.0x.165
7	I120392	-	4	WASHER, FLAT .281x.62x.051
8	025390	-	2	BOLT, CRG. 1/2x1-3/4 GR5,ZN
9	J14H794	-	6	NUT, 3/4-10 HEX GR5,ZN
10	005360	-	14	NUT, 1/2-13 HEX GR5,ZN
11	005370	-	14	WASHER, 1/2 LOCK ZN
12	286380	-	1	PLATE WELDMENT
13	286270	-	1	U-JOINT, 1.75x1.38 21 SPLINE
14	020440	-	6	WASHER, 5/8 REG. LOCK ZN
15	021180	-	2	WASHER, 3/8' LOCK
16	021190	-	2	WASHER, FLAT .438x1.0x.083
17	012260	-	2	BOLT, HHCS 3/8-16x1.0 GR5,ZN
18	218660	-	2	SCREW, SHSS 3/8-16x.38 NY-LK

FRAME ASSEMBLY, 690 FRONT (M290250)

1993-S/N 0330 & ABOVE

ITEM	PART NUMBER	4 ROW	6 ROW	DESCRIPTION
19	1770500	-	12	BOLT, HHCS 1/2-13x1.75 GR5,ZN
20	027260	-	2	NUT, 3/8 HEX GR5,ZN
21	027660	-	4	NUT, 1/4-20 HEX GR5,ZN
22	029440	-	4	WASHER, 1/4" LOCK
23	035210	-	2	WASHER, FLAT .656x1.31x.095 ZN
24	036800	-	6	WASHER, 3/4" LOCK
25	037550	-	6	NUT, 1/4-20 HEX,NYL,LK,LT-REG
26	042960	-	4	BOLT, HHCS 1/4-20x1.0 GR5,ZN
27	223540	-	6	BOLT, HHCS 1/4-20x1.75 GR5,ZN
28	073630	-	5	NUT, 3/8-16 HEX NYL,LK,LT-REG
29	1100756	-	2	ZERK, 1/4-28 90 LINCOLN #5410
30	021530	-	2	KEY, 3/8 SQ.x2.0
31	286310	-	1	PIN, CYLINDER DOUBLE
32	286580	-	1	GEARBOX, BONDOLI 1.93:1
33	290260	-	1	SHAFT, FRONT DR. 1.75 DIA.x36.5
34	231670	-	1	SHIELD WELDMENT, UPPER
37	231950	-	3	KEY, #1222-1 .38x2.75 WOODRFF.
38	246120	-	3	U-BOLT
40	290270	-	1	SHAFT, L.H. DRIVE 1.75 DIA.x58.0
41	290290	-	1	SHIELD, L.H. SPIN 2.4 D.D.x47.0
42	262330	-	1	SHIELD WELD, LOWER GRABROLL
44	384710	-	1	SHIELD WELDMNT, MAIN GEARBOX
45	262460	-	1	SHIELD WELDMENT, DRIVE R.H.
46	289920	-	1	FRAME, 690 MAIN WELDMENT
47	263670	-	1	SHIELD ASS'Y, WHEEL CHAIN
48	264960	-	2	BAR WELDMENT, COVER
49	290280	-	1	SHAFT, R.H. DR. 1.75 DIA.x91.62
51	290300	-	1	SHIELD, R.H. SPIN 2.4 D.D.x80.50
53	342210	-	1	BRACKET ASS'Y, CYLINDER
54	963130	-	1.25	90W GEAR OIL SAE
55	990600	-	6	BOLT, HHCS 5/8-11x1.25 GR5,ZN
57	991150	-	5	BOLT, HHCS 3/8-16x4.0 GR5,ZN
58	E174068	4	6	CLAMP, DIAMOND
59	005200	4	4	WASHER, FLAT .56x1.38x.109 ZN
60	005360	18	26	NUT, 1/2-13 HEX GR5,ZN
61	005370	18	26	WASHER, 1/2" LOCK ZN
62	023620	40	60	WASHER, LOCK 5/16" ZN
63	023630	40	60	NUT, 5/16-18 HEX GR5,ZN
64	023950	16	24	BOLT, HHCS 1/2-13x2.0 GR5,ZN
65	030030	40	60	BOLT, HHCS 5/16-18x1.25 GR5,ZN
66	242340	1	-	FILLER, RIGHT 28" ONLY
67	264980	8	12	STRAP, COVER
68	264990	4	6	COVER, RUBBER
69	244640	-	1	BARRIER ASS'Y, CENTER 6 ROW(22")
				246680 WLDT; 244650 FLAP; 244670 STRAP
69	344440	1	-	BARRIER ASS'Y, CENTER 4 ROW(28-30
				246680 WLDT; 242380 PLATE; 252120 FLAP; 244730 STRAP
70	244690	-	4	BARRIER ASSEMBLY 6 ROW(22)
				246710 WLDT; 244650 FLAP; 244670 STRAP
70	344450	2	-	BARRIER ASSEMBLY 4 ROW(28-30)
				246710 WLDT; 242350 PLATE; 244720 FLAP; 244730 STRAP
71	244620	-	1	BARRIER ASS'Y L.H. 6 ROW(22)
				246690 WLDT LH; 244660 FLAP; 244680 STRAP
71	344460	1	-	BARRIER ASS'Y, L.H. 4 ROW(28-30
				246690 WLDT LH; 242370 PLATE; 244720 FLAP; 244760 STRAP
72	244630	-	1	BARRIER ASS'Y R.H. 6 ROW(22)
				246700 WLDT RH; 244660 FLAP; 244680 STRAP
72	344470	1	-	BARRIER ASS'Y, R.H. 4 ROW(28-30)
				246700 WLDT RH; 242370 PLATE; 244770 FLAP; 244760 STRAP
73	990840	2	2	BOLT, HHCS 1/2-13x3.0 GR5,ZN

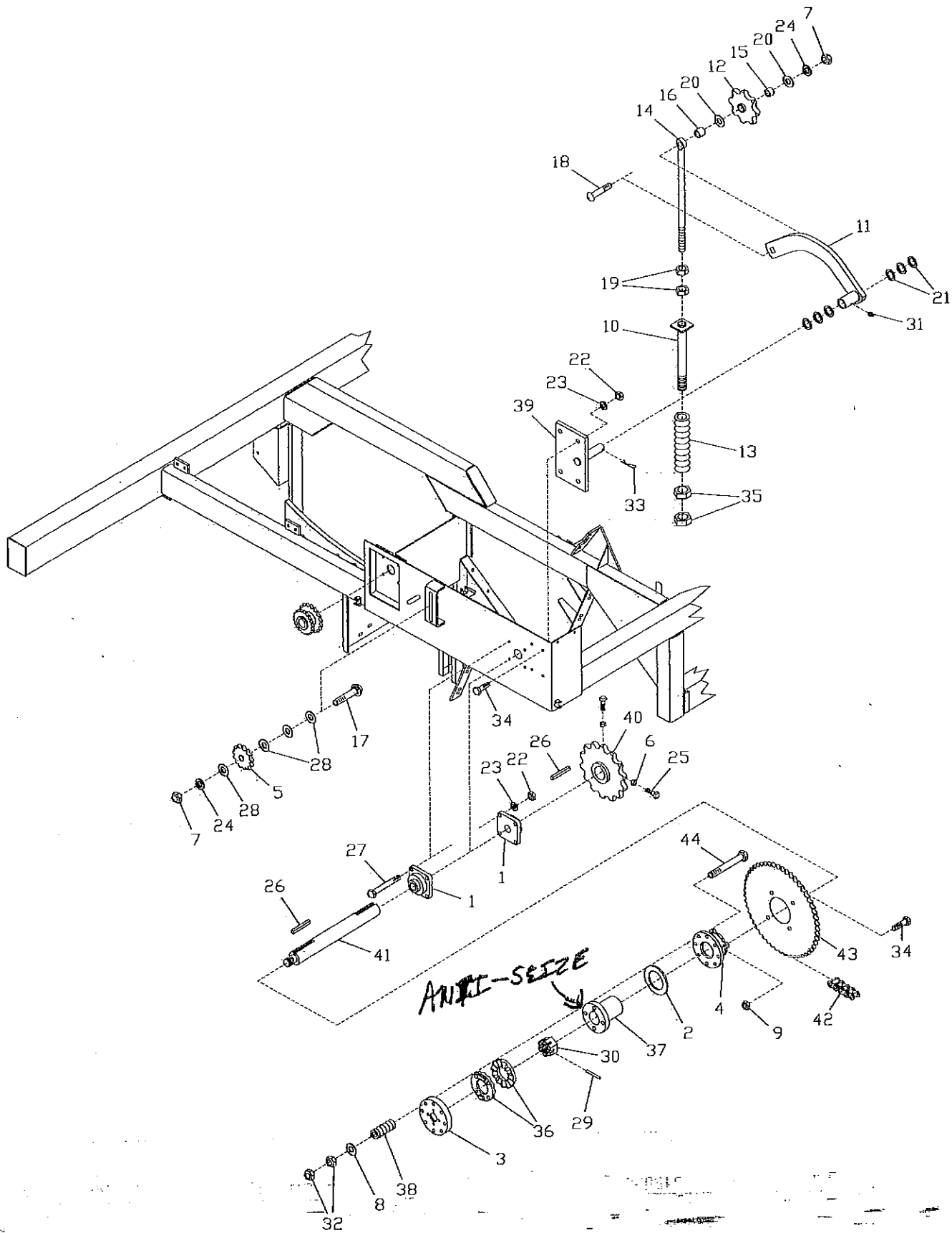
FRAME ASSEMBLY, 690 REAR (M290240)



FRAME ASSEMBLY, 690 REAR (M290240)

ITEM	PART NUMBER	QTY	DESCRIPTION
1	E096046	12	BOLT, CRG 1/2x1-1/2
2	R66338	2	BOLT, HHCS 1-8x3.0 GR5,ZN
3	JN10214	2	SCREW, 3/8-16x1.0 HXFLGLK GR5
4	413980	1	SPACER, 1.25 IDx.687 ID
5	JN144623	2	SPACER
6	JN144757	3	NUT, 1-8UNC GUIDE WHEEL
7	JN144839	1	STRAP
8	385500	3	WHEEL GUIDE ASSEMBLY
*	385510	-	WHEEL GUIDE, ROLLER ONLY
*	JAN142665	-	BEARING, GUIDE WHEEL
*	JN123158	-	RING, RETAINING
9	413970	1	ROLLER ASSY, WHEEL RETAINER
10	J03H1558	10	BOLT, CRG 3/8x1-1/2 GR5,ZN
11	J14H794	4	NUT, 3/4-10 HEX. GR5,ZN
12	I124589	1	NUT, 5/8 HEX
13	035210	1	WASHER, 5/8 FLAT SAE
14	I131017	4	WASHER, FLAT .812x1.47x.134 ZN
15	289200	2	CHANNEL, GATE
16	028330	1	BOLT, HHCS 5/8-11x4-1/2 GR5,ZN
17	-	-	-
18	005200	31	WASHER, FLAT .562x1.38x.109 ZN
19	005360	29	NUT, HEX 1/2-13 GR5,ZN
20	005370	29	WASHER, LOCK 1/2" ZN
21	014770	17	BOLT, HHCS 1/2-13x1-1/2 GR5,ZN
22	020180	2	NUT, 3/8-16 HXFLGLK GR5
23	020440	1	WASHER, 5/8 REG. LOCK ZN
24	021180	16	WASHER, 3/8 LOCK
25	021190	16	WASHER, FLAT .438x1.0x.083
26	-	-	-
27	-	-	-
28	027290	16	NUT, 3/8 HEX GR5,ZN
29	-	-	-
30	035180	6	BOLT, CRG 3/8-16x1-1/4 GR5
31	036800	4	WASHER, 3/4" LOCK
32	-	-	-
33	1107389	8	WASHER, FLAT 1.06x2.0x.134 ZN
34	347740	2	BAR, FLAP GRAB ROLLS
35	238720	1	STRIP, RUBBER BACKING CHAIN
36	238750	1	STRIP, RUBBER BACKING GRAB
37	246730	1	FLAP, RUBBER CHAIN BED
38	246870	1	WELDMENT BAR, BED CHAIN
39	-	-	-
40	-	-	-
41	263890	2	STRAP, ROLLER MNT. .62x2.0x5.81
42	264160	1	FLAP, REV. GRAB ROLL RUBBER
*	264170	1	FLAP, FULL WIDTH, STRAIGHT SPIRAL
*	278430	1	DEFLECTOR PLATE, REV. SPIRAL
43	290190	1	BRACKET, FLAP SUPPORT L.H.
44	347540	64	ROD, GRATE
45	264200	1	BRACKET, DIAGONAL FLAP SUPT.
46	264210	1	BRACKET, FLAP SUPPORT
47	290200	2	CHANNEL, SLIDE SUPPORT WLDT.
48	264190	2	ROD, GRATE
49	344530	1	BRACKET, ADJ GUIDE ROLLER
50	991050	4	BOLT, HHCS 3/4-10x8.5 GR5,ZN
51	V055646	1	BOLT, HHCS 1-8x5.5 GR5,ZN
52	342830	1	BAG, REV. GRAB DEFL. FRONT

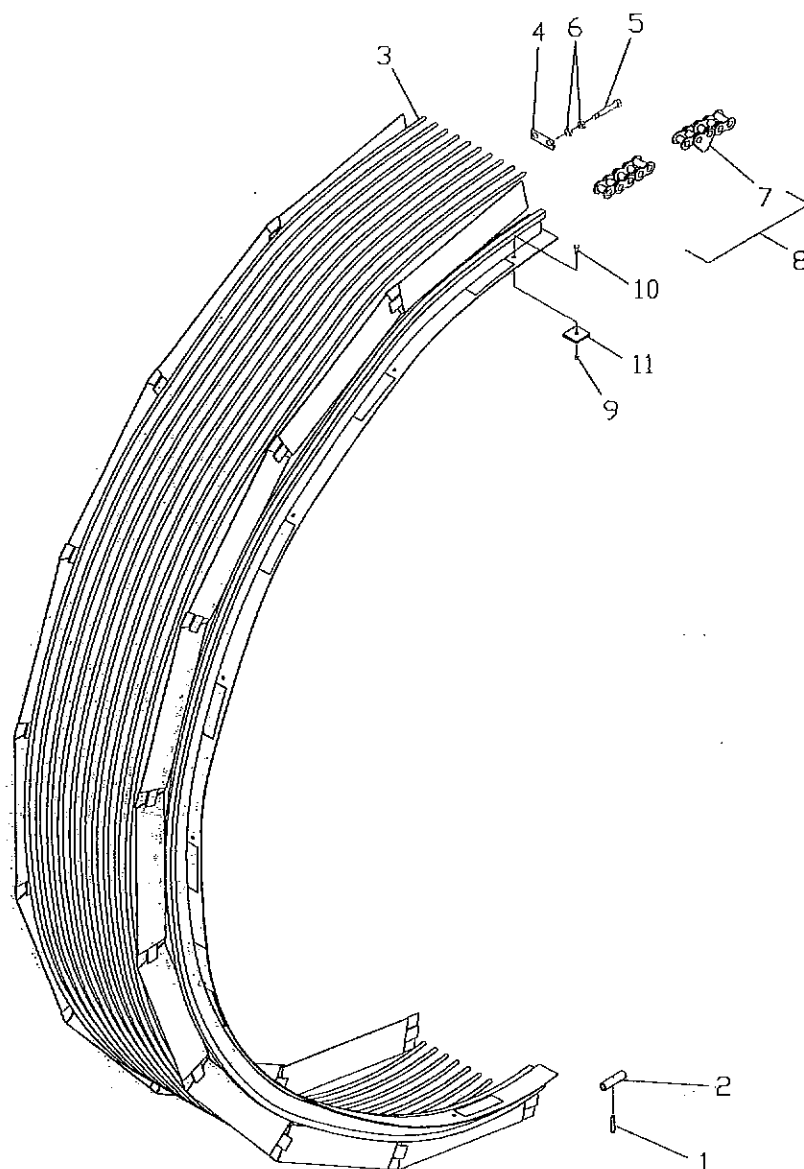
WHEEL AND DRIVE ASSEMBLY, 690 (M265/40)



WHEEL AND DRIVE ASSEMBLY, 690 (M265740)

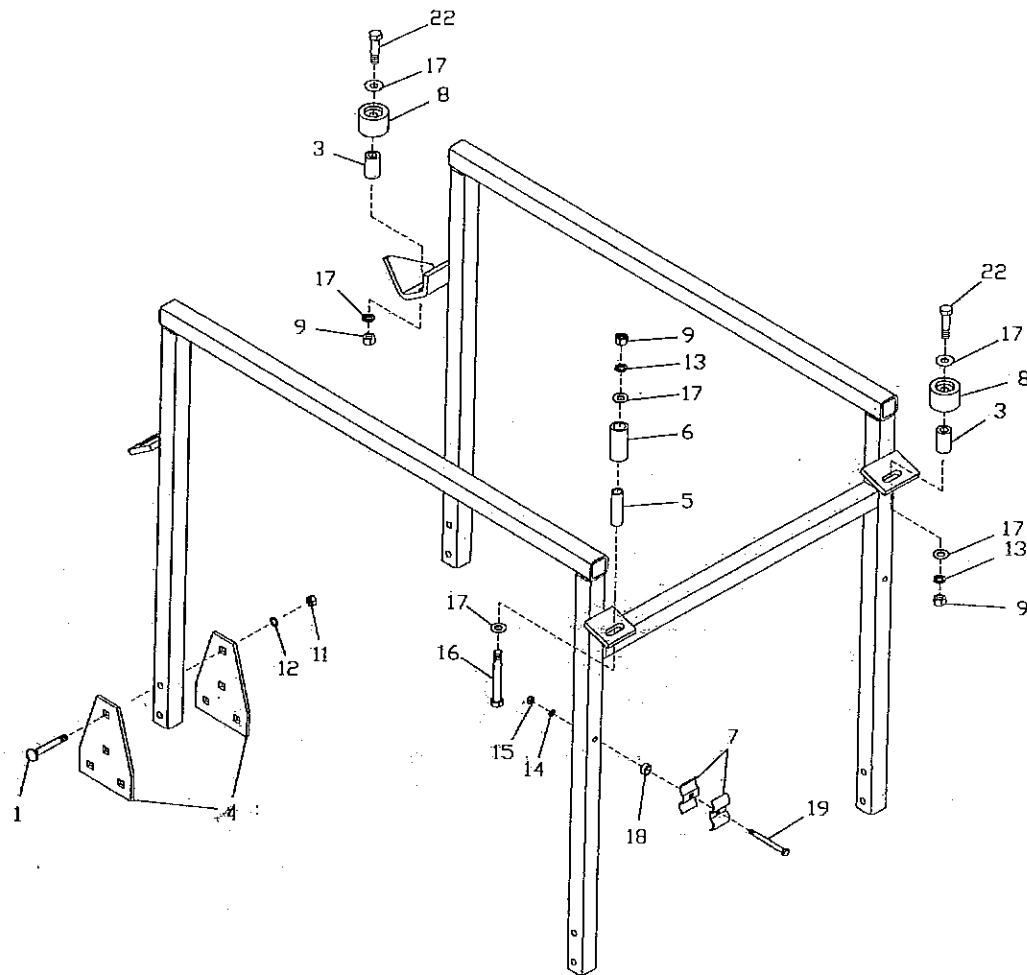
ITEM	PART NUMBER	QTY	DESCRIPTION
1	E072489	2	BEARING, FLG. 1.75 4-BOLT
2	E126201	1	BUSHING, MACH. 2.5x3.88x.134
3	411260	1	FLANGE WELDMNT, SPRING
4	411410	1	HOUSING ASSEMBLY, CLUTCH
5	E366013	1	SPROCKET, IDLER 60B13
6	I124829	2	NUT, HEX JAM 3/8 G5 ZN
7	I124589	2	NUT, HEX 5/8 G5 ZN
8	I25547R1	4	WASHER, FLAT .66x1.31x.188
9	I9413967	4	NUT, HEX-LK 1/2 G5 ZN
10	JAN142300	1	TUBE ASSY, SPRING ADJ.
11	JAN142313	1	ARM WELDMNT, PIVOT
12	JAN142341	1	SPROCKET ASSEMBLY, 8T
13	JN109877	1	SPRING, COMP. 1.12x1.84x7.8
14	JN146355	1	EYEBOLT, 3/4x14.5 ZN
15	JN147291	1	BUSHING, .88x.656x.62
16	JN7205DN	1	SPACER, .875x.656x.88
17	J03H1857	1	BOLT, CRG. 5/8x2.75 G5 ZN
18	J03H1858	1	BOLT, CRG. 5/8x3.50 G5 ZN
19	J14H794	2	NUT, HEX 3/8 G5 ZN
20	J24H1373	2	WASHER, FLAT .66x1.56x.180
21	003370	6	WASHER, FLAT 1.03x1.50x.048
22	005360	8	NUT, HEX 1/2 G5 ZN
23	005370	8	WASHER, LOCK 1/2 ZN
24	020440	2	WASHER, LOCK 5/8 ZN
25	022520	2	SCREW, SHSS 3/8x1.0 PL
26	030380	2	KEY, SQ. .38x3.0
27	030420	4	BOLT, HHCS 1/2x4.50 G5 ZN
28	020430	4	WASHER, FLAT .69x1.75x.134
29	040900	1	PIN, ROLL 3/16x1.62 ZN
30	042110	1	NUT, SLOTTED HEX 1.25 G5
31	049180	1	ZERK, 1/4-28 TAPER THD
32	1121555	8	NUT, HEX JAM 5/8 G5 ZN
33	124340	1	PIN, COTTER 3/16x1.50 ZN
34	1770500	8	BOLT, HHCS 1/2x1.75 G5 ZN
35	1774107	2	NUT, HEX 1.0 G5 ZN
36	225040	2	JAW, HARD. SLIP CLUTCH
37	238430	1	HUB WELD, SLIP CLUTCH
38	239080	4	SPRING, SLIP CLUTCH COMP.
39	265750	1	PIVOT WELDMNT, IDLER
40	265780	1	SPROCKET WLDT, CA550 14T
41	265810	1	SHAFT, DR. WHEEL 1.75x15.38
42	265820	1	CHAIN, ROLLER RC60Hx134P
43	265830	1	SPROCKET, PLATE RC60 52T
44	201660	4	BOLT, HHCS 5/8x6.0 G5 ZN
45	264890	2	WHEEL WELDMNT, HALF

FERRIS WHEEL ASSEMBLY (MWHL690)



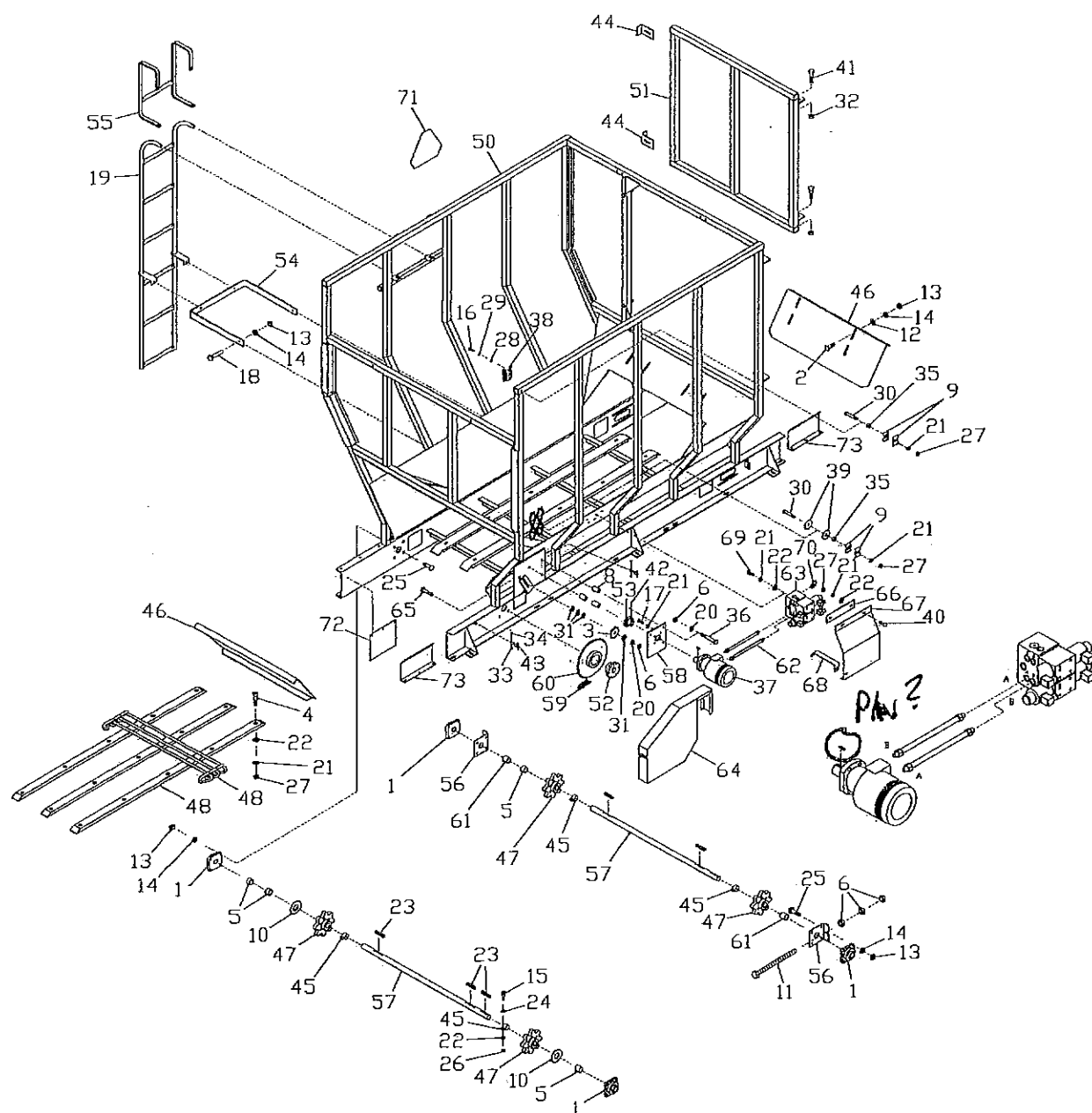
ITEM	PART NUMBER	QTY	DESCRIPTION
1	J34H280	-	PIN, SPRING 3/16"x7/8" ZN
2	JN144790	20	CONNECTOR
3	264890	2	WHEEL ASSEMBLY, HALF
4	JN145108	8	STRAP, ROCKER
5	J19H2969	-	BOLT, HHCS 5/8"-11x3-1/2" GR8 ZN
6	1121555	-	NUT, JAM 5/8"-11 HEX ZN
7	JAN141870	19	CHAIN, LINK K19 FOR CA550
8	JAN141699	1	CHAIN ASSY, WHEEL DRIVE CA550 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 ASSY (M265360)



ITEM	QTY	PART NUMBER	DESCRIPTION
1	16	J03H1598	BOLT, CRG. 1/2-13 X 3.25 G5 ZN
2	-	-	-
3	2	413980	SPACER, 1.25 O. D. x. 687 ID
4	8	354780	BRACKET, TOWER SUPPORT
5	2	JN144798	TRUNION WHEEL RETAINER
6	2	JN144799	ROLLER WHEEL RETAINER
7	4	413050	CLAMP, HOSE-SHORT
8	2	413970	ROLLER ASSY, WHEEL RETAINER
9	4	I124589	NUT, 5/8-11 HEX GR. 5 ZN
10	-	-	-
11	16	005360	NUT, 1/2-13 HEX GR. 5 ZN
12	16	005370	WASHER, 1/2 LOCK ZN
13	4	020440	WASHER, 5/8 LOCK ZN
14	2	021180	WASHER, LOCK 3/8 ZN
15	2	027260	NUT, HEX 3/8-16 G5 ZN
16	2	031490	BOLT, 5/8-11x5 HHCS GR. 5 ZN
17	7	035210	WASHER, .656x1.312x.095 FLAT ZN
18	2	P98458	SPACER, SPLIT PIPE
19	2	991150	BOLT, HHCS 3/8-16 X 4.0 G5 ZN
20	1	354750	TOWER WELDMENT, WHEEL RETAINER
21	1	990600	BOLT, 5/8-11x1-1/4 HHCS GR. 5 ZN
22	2	028330	BOLT, HHCS 5/8-11 X 4-1/2 G5 ZN

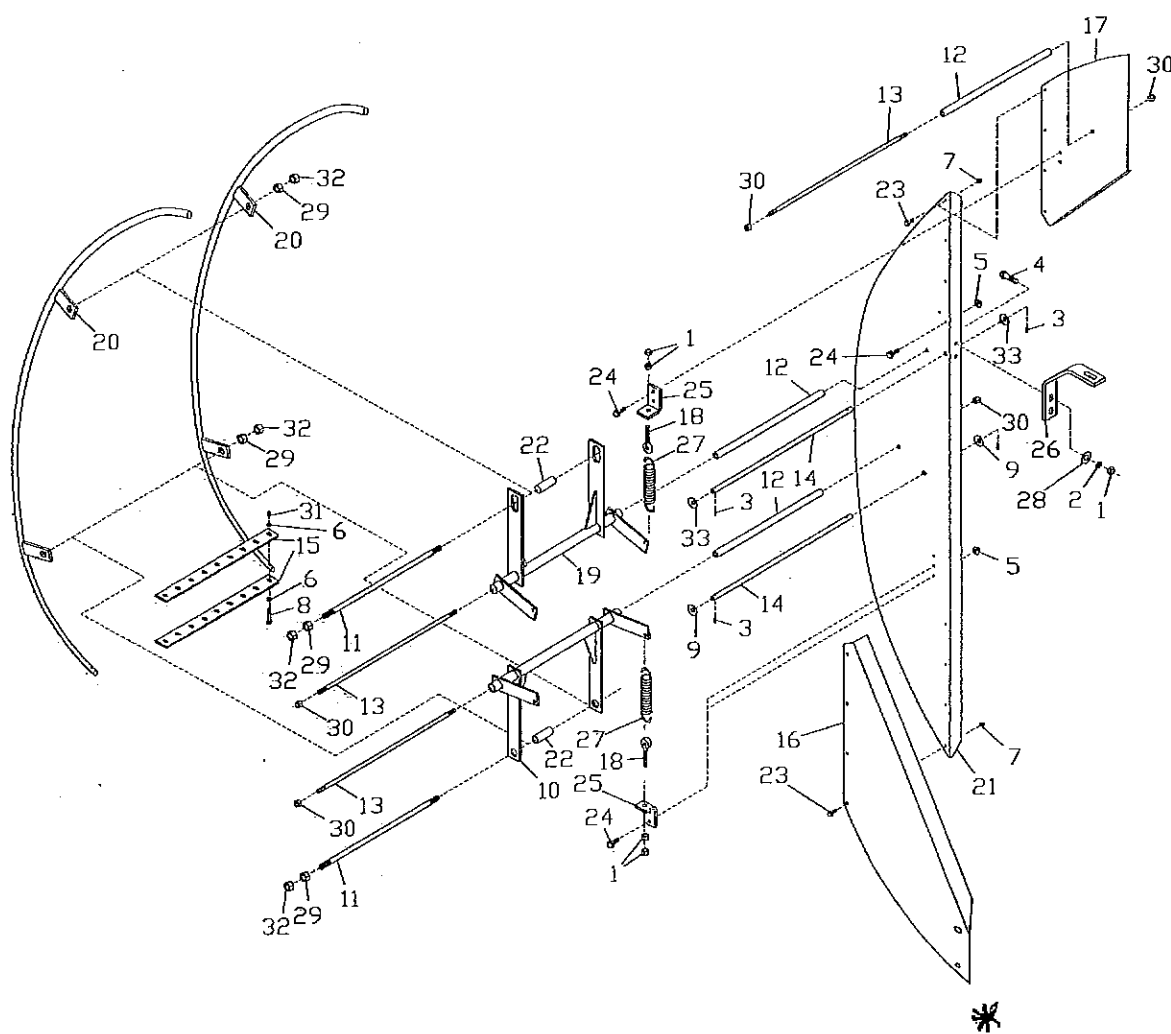
TANK DRIVE ASSY, 690 (M268740)



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 .150x3.25x.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

TANK DRIVE ASSY, 690 (M268740)

ITEM	PART NUMBER	QTY	DESCRIPTION
16	011990	2	SCREW, RDHD 1/4x.75 G2 ZN
17	012260	4	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	25	WASHER, LOCK 3/8
22	021190	19	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	17	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., SEE PG 43
38	167330	1	BRACKET, SMV EMBLEM MTG.
39	169280	2	WASHER, FLAT .406x1.50x.12
40	035180	4	BOLT, CRG. 3/8x1.25 G5 ZN
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	395820	1	VALVE ASSY, 690/692
64	382850	1	SHIELD WELD, TANK DRIVE
65	990660	1	BOLT, CRG. 5/8x3.25 G5 ZN
66	236260	1	BAR, BACK UP
67	395950	1	COVER, VALVE
68	395960	1	BAR, COVER BRACE
69	006690	4	BOLT, HHCS 3/8x1.25 G5 ZN
70	344210	1	ADAPTER, 90°ST.L 3/4 □ MF
71	E224133	1	SMV ASSY
72	277900	1	FLAP, RUBBER
73	278420	2	PLATE, REAR DEFLECTOR



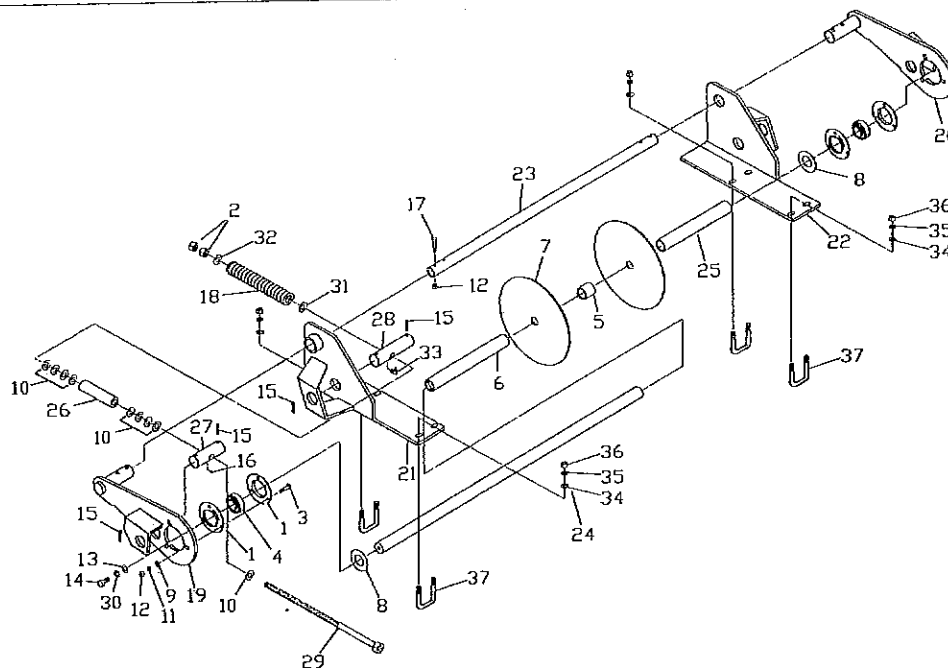
RETAINER ASSEMBLY 690 & 692 (M290900)

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

*

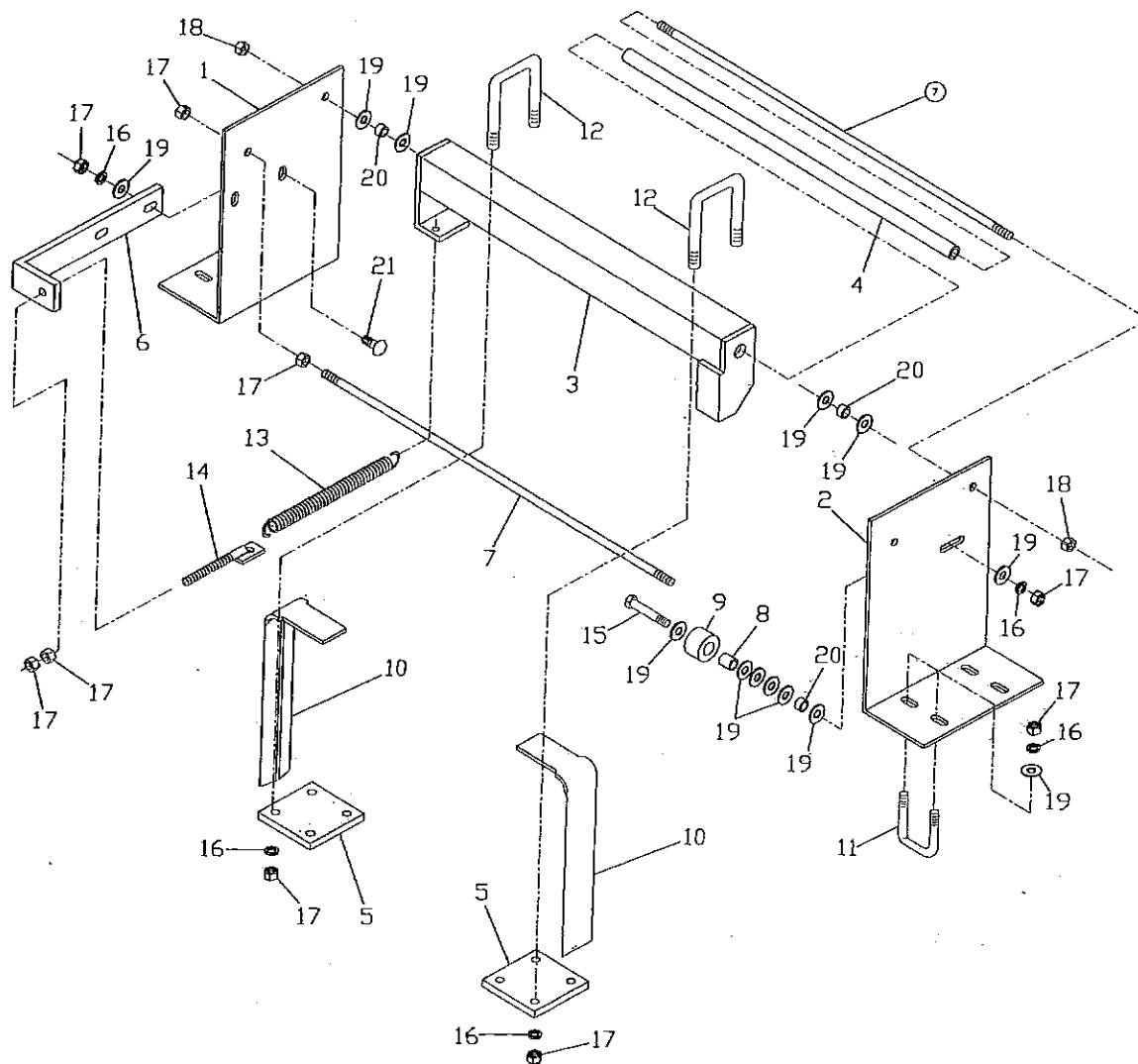
455360

EXT. RETAINER, EXTENDED
GRABROLL KIT
OLDER 690'S PRIOR
TO 1993

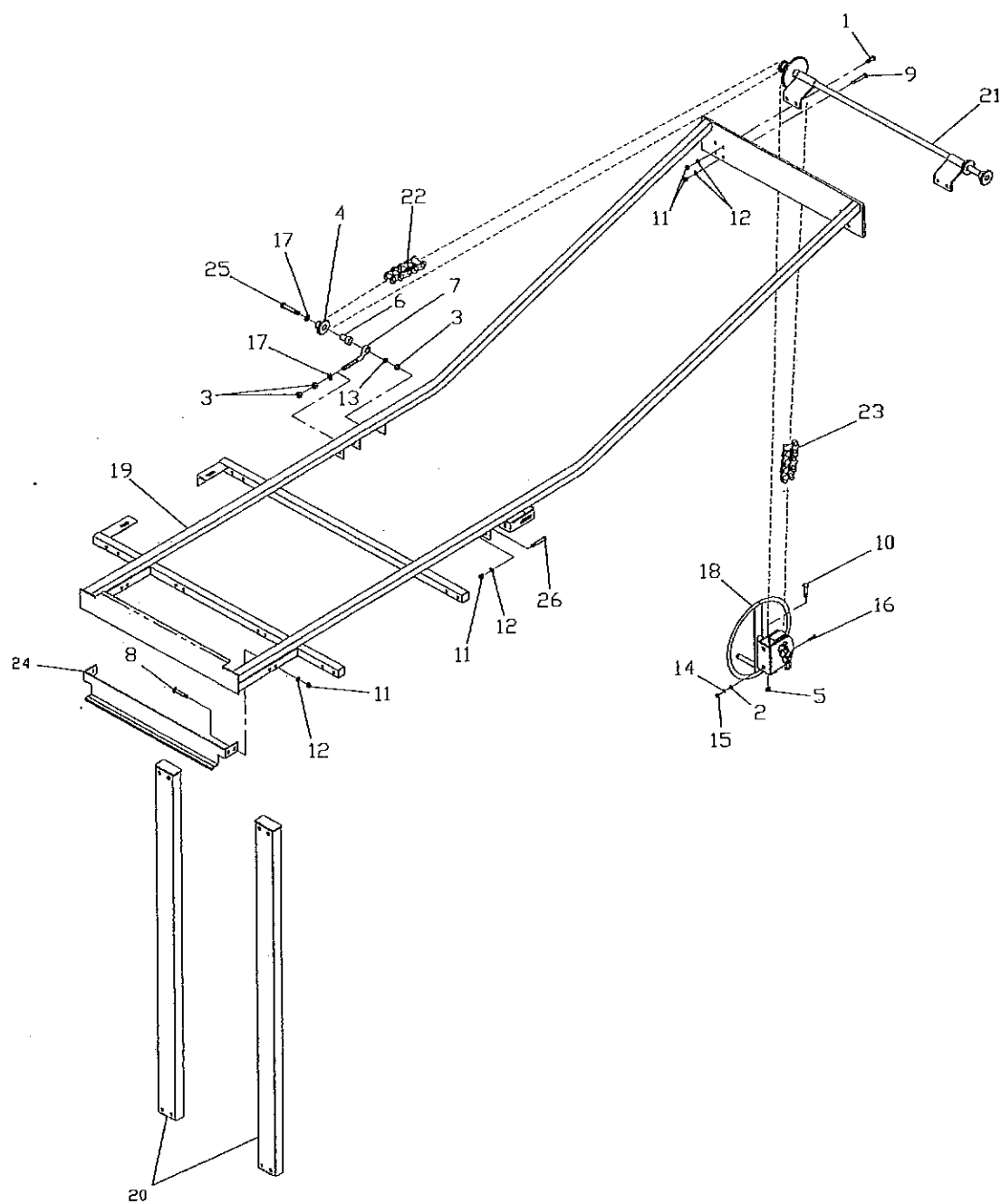


ITEM	PART NUMBER	QTY	DESCRIPTION
1	E281004	4	FLANGETTE, BRG. 3 HOLE
2	I124589	4	NUT, HEX 5/8-11 GR5 ZN
3	J03H1558	6	BOLT, CRG. 3/8-16x1-1/2 GR5
4	JJD9275	2	BEARING, WIDE INNER RING
5	JN144893	10	SPACER, ROTARY STRIPPER
6	416660	1	SPACER, 1.90 ODx1.52 IDx10.0
7	JN144896	11	DISK, ROTARY STRIPPER
8	R61502	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	PIVDT, CENTER ARM STRIP
28	415230	2	PIVDT, 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)



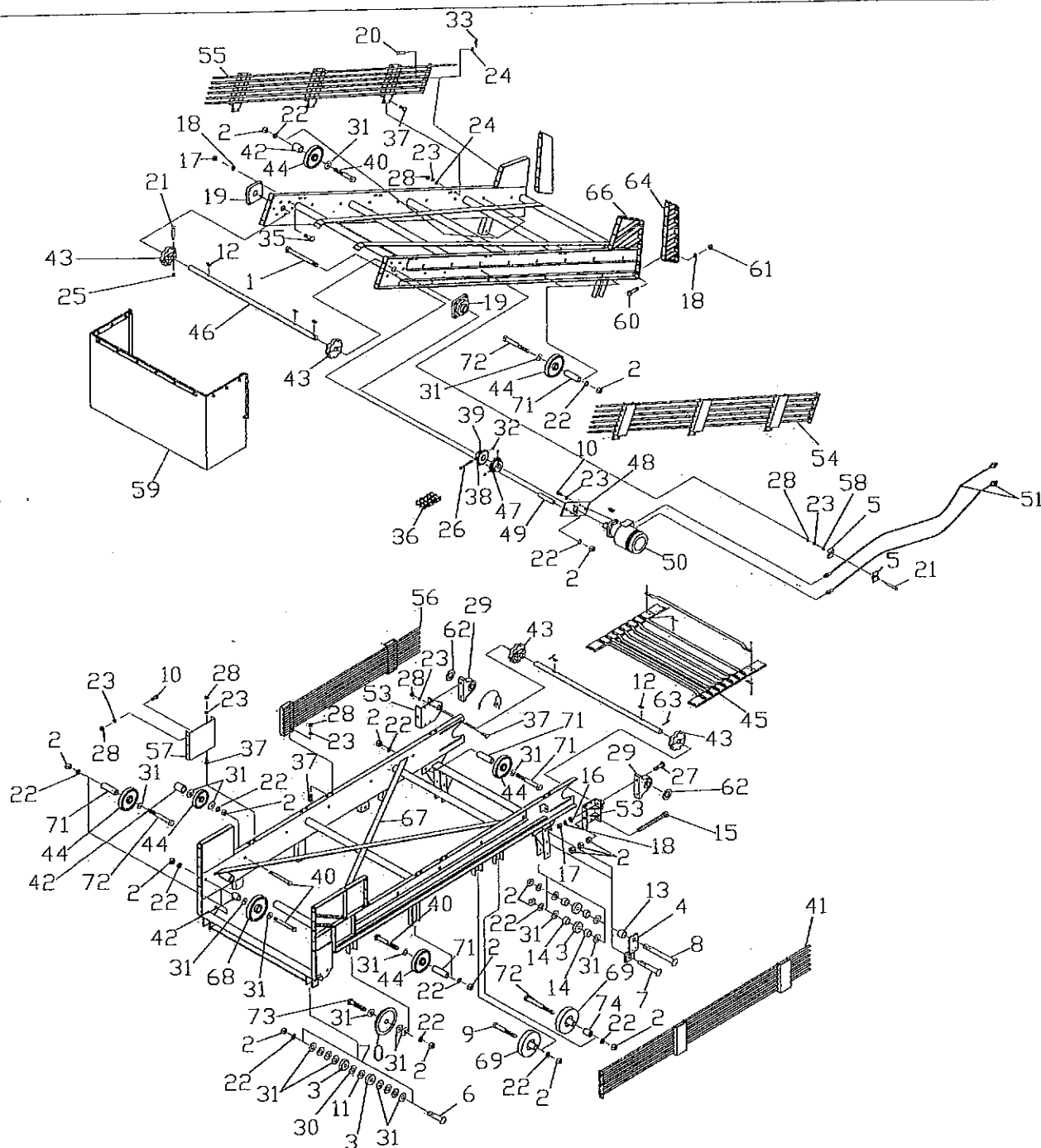
ITEM	PART NUMBER	QTY	DESCRIPTION
1	429720	1	ANGLE, SUP'T SPRING
2	429730	1	ANGLE, SUP'T CUSHION
3	429740	1	TUBE WELDMENT
4	429780	1	TUBE, PIVOT .88X.56X27.06
5	429790	2	PLATE, CLAMP
6	429800	1	BAR, SPRING SUP'T
7	395060	2	ROD, THRD.
8	429810	1	SPACER, CUSHION
9	248290	1	PAD, FLEX
10	E392001	2	KNIFE, 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



TRACK & SUPPORT ASSY (M265370)

ITEM	PART NUMBER	QTY	DESCRIPTION
1	E096046	4	BOLT, 1/2-13x1-1/2 CRG. GR. 5
2	I120394	2	WASHER, .406x.812x.051
3	I124589	6	NUT, 5/8-11 GR. 5 ZN
4	JAN141745	2	SPROCKET ASSY, 8T
5	JK40014	1	NUT, 1/2-13 GR. 8 TOP LK ZN
6	JN144831	2	SPACER
7	JN5044DN	2	EYEBOLT, 5/8-11x6.24 ZN
8	J03H1596	4	BOLT, 1/2x3 CRG. GR. 5
9	J03H1598	4	BOLT, 1/2x3-1/4 CRG. GR. 5 ZN
10	005210	1	BOLT, 1/2-13x2-1/4 CRG. GR. 5
11	005360	14	NUT, 1/2-13 HEX GR. 5 ZN
12	005370	14	WASHER, 1/2 LOCK ZN
13	020440	2	WASHER, 5/8 LOCK ZN
14	021180	2	WASHER, 3/8 LOCK
15	027260	2	NUT, 3/8 HEX GR. 5 ZN
16	035180	2	BOLT, 3/8-16x1-1/4 CRG. GR. 5
17	035210	4	WASHER, FLAT .656x1.31x.095
18	253900	1	ASSY, TRK. CONV, HANDWHEEL <i>NEED DRAWING?</i>
*	JAN141741	1	SUPPORT ASSEMBLY
*	JAN141740	1	SPROCKET ASSY, 8T
*	JAN141737	1	WHEEL ASSEMBLY
*	JB10958	2	CHAIN ASSY, #25 SASH
19	354830	1	TRACK WELDMENT, ELEVATOR
20	354810	2	TUBE WELDMENT, TRACK SUPPORT
21*	265390	1	SHAFT ASSY, TRACK CONV.
*	049180	2	ZERK, 1/4-28 LUBE TAPER THREAD
*	E580050	4	PIN, ROLL 1/4 x 1-1/2"
*	I131018	2	WASHER, FLAT .938 x 1.75 x .134 ZN
*	JAN141743	2	SUPPORT WELDMENT, SHAFT
*	JAN141744	1	SPROCKET ASSY, 20T (40T ACT)
*	JAN141745	2	SPROCKET ASSY, 8T (16T ACT)
*	265380	1	SHAFT, TRACK CONVEYOR
22	265400	2	CHAIN ASSY, A2040 191 LINKS
23	342670	1	CHAIN ASSY A2040 163P INC
24	342800	1	STOP, TRACK CONV. ADJ
25	990670	2	BOLT, 5/8-11x3-3/4 HHCS GR. 5
26	990840	2	BOLT, 1/2-13x3 HHCS GR. 5 ZN

ELEVATOR ASSY 690-692 HIGH-LOW (M39/200)



ITEM	PART NUMBER	QTY	DESCRIPTION
1	E672446	2	BOLT, 5/8-11x7 HHCS GR. 5
2	I124589	60	NUT, 5/8-11 GR. 5 ZN
3	JJD8646	8	BEARING, . 628x2. 00x. 59
4	JN144758	2	BRACKET
5	413050	2	CLAMP, HOSE-SHORT
6	E096060	2	BOLT, CRG. 5/8x4 GR5
7	J03H1786	2	BOLT, CRG. 5/8x4-1/2
8	345000	2	BOLT, CRG. 5/8x5-1/2
9	Q28330	2	BOLT, HHCS 5/8-11x4-50
10	012260	7	BOLT, HHCS 3/8x1. 0 G5 ZN
11	J24H1367	4	WASHER, . 656x1. 25x. 25
12	J26H23	5	KEY, 5/16x1 WOODRUFF B

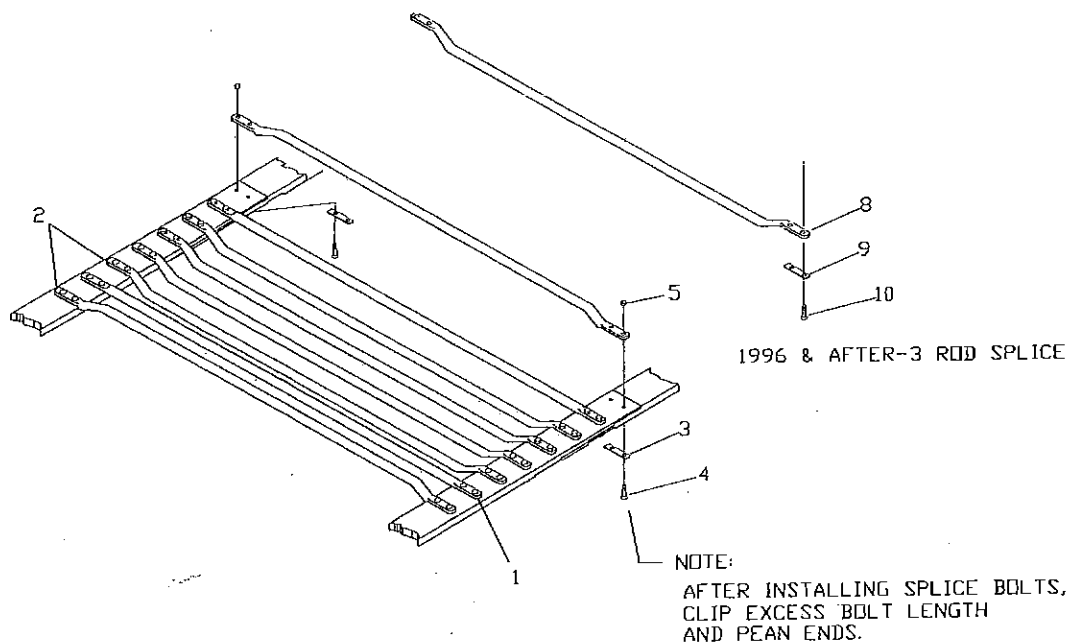
ELEVATOR ASSY 690-692 HIGH-LOW (M397200)

ITEM	PART NUMBER	QTY	DESCRIPTION
13	J28H1922	2	SPACER, 3/4x1.0 BLK S40
14	J28H2515	8	SPACER, 3/4x.75 BLK S80
15	355180	2	BOLT, ADJ 5/8x8.0 FULL T
16	005200	4	WASHER, .562x1.38x.109
17	005360	12	NUT, 1/2-13 HEX GR.5 ZN
18	005370	34	WASHER, 1/2 LOCK ZN
19	008670	2	BRG, 1-1/4 4SQ FLG W/LC
20	012172	2	PIN, 3/8x1 CLEVIS
21	037630	9	BOLT, HHCS 3/8-16x2-1/2
22	020440	54	WASHER, 5/8 REG LOCK ZN
23	021180	30	WASHER, 3/8 LOCK
24	021190	14	WASHER, .438x1.00x.083
25	023060	8	NUT, 3/8-16 HX LCK
26	023250	1	BOLT, 1/4-20x2-3/4 HHCS
27	025390	4	BOLT, 1/2-13x1-3/4 CRG
28	027260	35	NUT, 3/8 HEX GR.5 ZN
29	035090	2	BRG, 1-1/4 PB HSG W/LC
30	035191	2	WASHER, .656x1.00x048
31	035210	86	WASHER, .656x1.31x.095
32	042370	1	NUT, 1/4-20 HEX LK GA CZ
33	051670	2	PIN, .149x2.5 COT. HAIR
34	-	-	-
35	156850	8	BOLT, 1/2-13x1-1/2 CRG.
36	163770	1	CHAIN ASSY, 60-2 14P
37	170530	22	BOLT, 3/8-16x1 SSN CRG.
38	181180	1	SPROCKET, 60B14 1-1/4 ID
39	188650	3	SCREW, 5/16-18x5/16 AHSS
40	1271729	30	BOLT, HHCS 5/8x3.50 G5
41	265170	1	SIDE WELD, TANK ELEV F.
42	E724252	30	SPACER, 1.0x.62x1.50
43	265410	4	SPROCKET, 8T DRIVE 56MMP
44	343280	38	ROLLER, RUBBER 4.0 DIA.
45	355140	1	BELTED CHAIN ASSY, 56MMP
46	343950	1	SHAFT, DRIVE ELEV
47	343960	1	SPROCKET, 60B14 CPLG
48	343970	1	PLATE, MOTOR MOUNT
49	343980	2	SPACER, .64 IDx1.00 OD
50	343990	1	MOTOR, HYD MF 24 CU, SEE PG 47
51	344000	2	HOSE ASSY, HYD .62x325'
52	344010	1	SHAFT, DRIVEN ELEV
53	344020	2	BRACKET WELD, BRG ADJUST
54	344050	1	SIDE WELD, TRUCK ELEV F.
55	344060	1	SIDE WELD, TRUCK ELEV R.
56	344070	1	SIDE WELD, TANK ELEV R.
57	344100	1	CHANNEL, ELEV FILLER
58	P98458	1	SPACER, SPLIT PIPE
59	344150	1	DEFLECTOR ASSY, ELEV
60	344110	22	BOLT, HHCS 1/2-13x1.75
61	125526R1	22	NUT, HEX 1/2-13 G8 ZN
62	E829022	2	WASHER, FLAT 1.38x2.5
63	I137258	2	PIN, CUTTER 3/16x1.75
64	343850	1	WEDGE WELDMENT, FRONT
65	343860	1	WEDGE WELDMENT, REAR
66	355010	1	ELEVATOR WELDMENT, TRUCK
67	355020	1	ELEVATOR WELDMENT, TANK
68	247100	2	ROLLER, RUBBER 5.0 DIA.
69	240480	4	ROLLER ASSY, 4.75 DIA
70	381430	2	ROLLER, FLG STL 4x.66x1
71	JN144798	10	SPACER, 1.00x.69x3.25
72	990680	12	BOLT, HHCS 5/8-11x5.5 G5
73	990650	2	BOLT, HHCS 5/8-11x3.0 G5
74	393760	2	SPACER, .64 IDx1.00x1.25

43
47
344190
344160
238750

BELTED DRAPER CHAIN ASSEMBLY (MURAP69U)

355140 BELTED DRAPER CHAIN
56mm P x 196 PITCHES

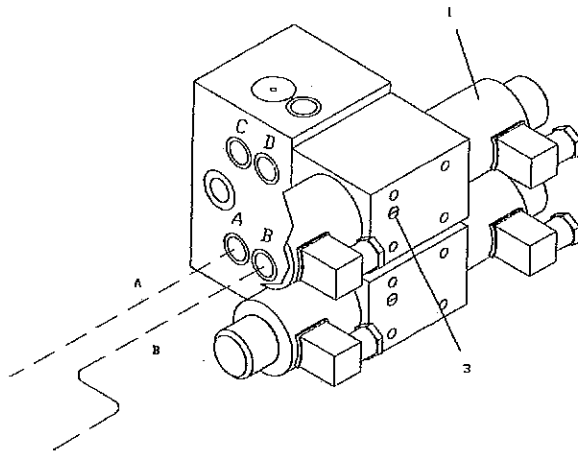


ITEM	PART NUMBER	QTY	DESCRIPTION
ROD KITS, WITH BOLTS AND BACKER PLATES			
1	268630	-	KIT, STRAIGHT ROD
2	268640	-	KIT, OFFSET ROD
GENERAL PARTS			
3	268670	-	PLATE, BACKING
4	463180	-	SCREW, SFHCS, 12-28 X 1-1/4
5	463190	-	NUT, LOCK 12-28
FOR 1995 & PRIOR WITH SKIVED JOINT USE ABOVE PARTS FOR REPAIR			
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

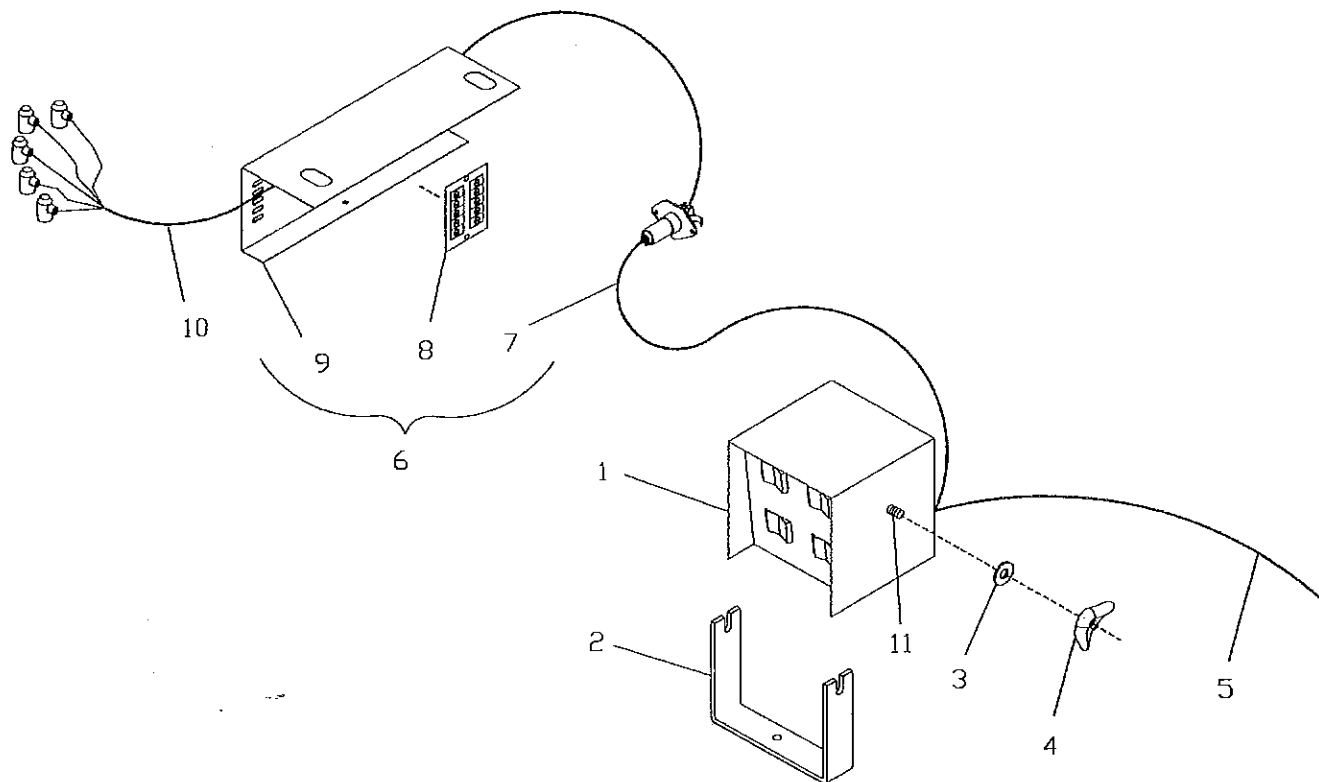
CONTROL VALVE ASSEMBLY & SEAL KITS (M395820)

SEAL KITS

ITEM	PART NUMBER	QTY	DESCRIPTION
1	243040	-	SEAL KIT FOR 343990 HYDRAULIC MOTOR
2	355350	-	SEAL KIT FOR E222002 CROSS 3 X 4 HYDRAULIC CYLINDER

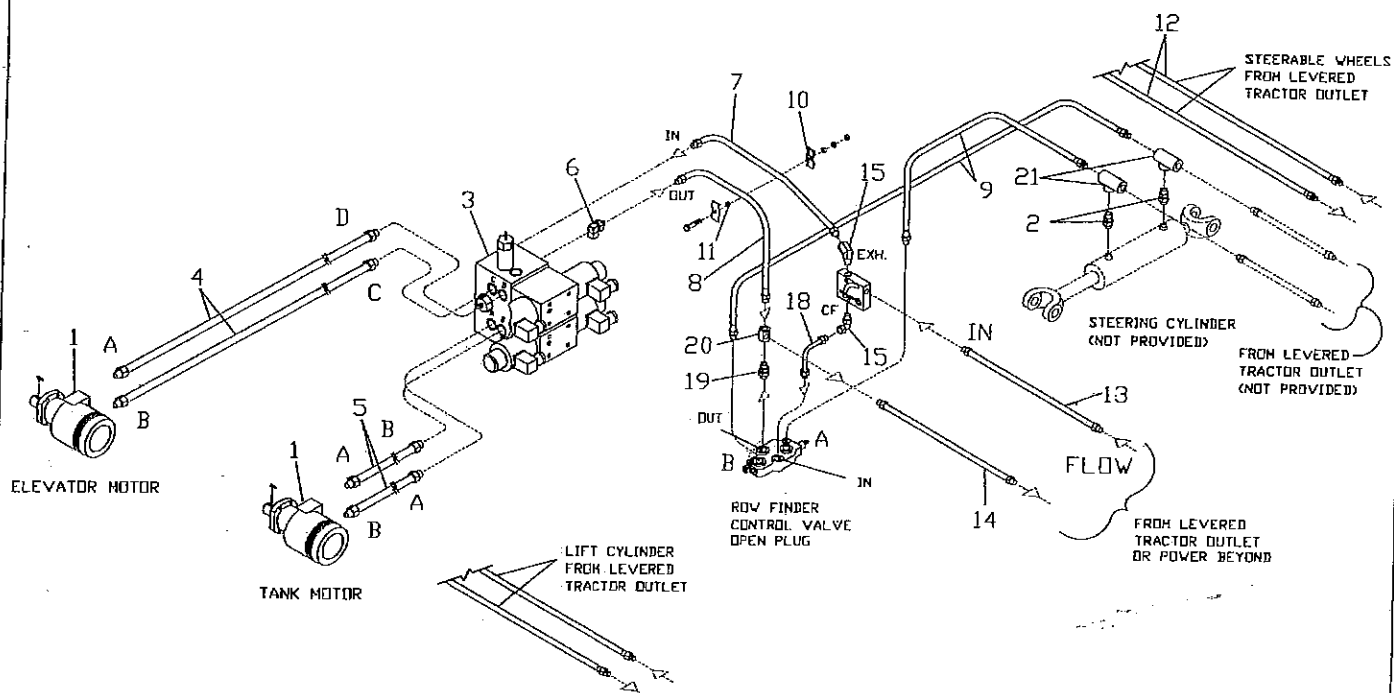


ITEM	PART NUMBER	QTY	DESCRIPTION
1	397030	-	SOLENOID, VALVE
2	397040	-	SEAL KIT, VALVE
3	397050	-	SCREW, SOFT SHIFT ADJ.

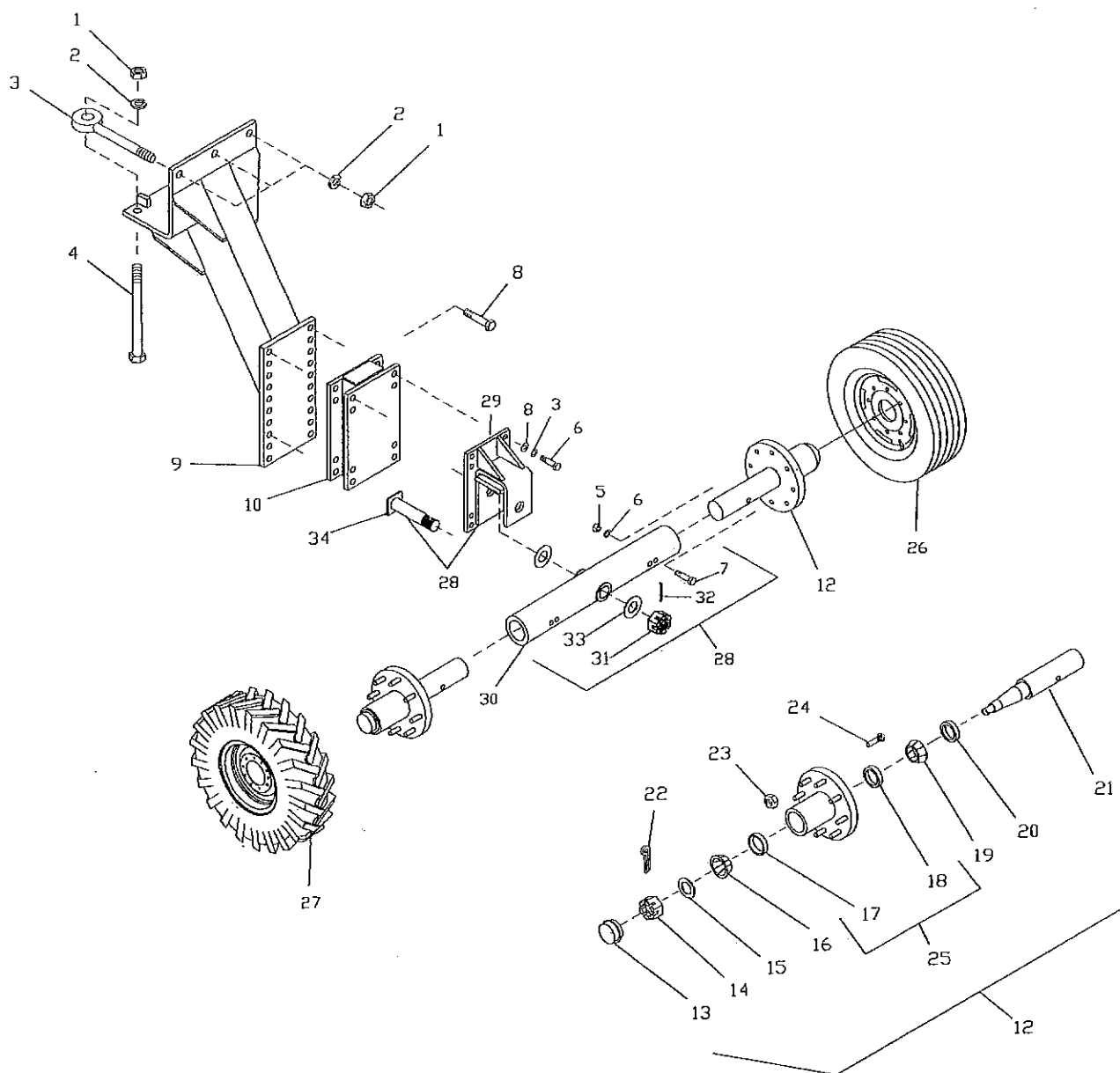


ITEM	PART NUMBER	QTY	DESCRIPTION
1	395850	1	CONTROL BOX ASSEMBLY
*	345520	1	DECAL, FRONT CONTROL BOX
*	345530	1	DECAL, REAR CONTROL BOX
*	353570	2	SWITCH, ROCKER ON-ON/DPDT
*	353580	2	SWITCH, R ON-OFF-ON/DPDT
2	270160	1	BRACKET, CONT. BOX MOUNTING
3	022920	1	WASHER, FLAT 5/16
4	035360	1	NUT, WING 1/4-20
5	209390	1	CORD, SERVICE
6	288590	1	JUNCTION, ELECTRICAL ASSY.
7	288610	1	WIRE ASSY, MAIN CONTROL
*	345590	1	WIRE ASSY, TRACTOR HALF
*	288620	1	WIRE ASSY, IMPLEMENT HALF
*	345570	1	CONNECTOR PLUG 6, MALE
*	345580	1	CONNECTOR PLUG 6, FEMALE
8	270470	1	BLOCK, CONTACT BARRIER
9	288600	1	SHIELD, ELECTRICAL JUNCTION
10	345610	1	WIRE ASSY, CONTROL VALVE
*	344630	-	DIN CONNECTOR
11	042960	2	BOLT, HHCS 1/4-20x1.0 G5 ZN

HYDRAULIC CIRCUIT, CLOSED CENTER (MHYD690)



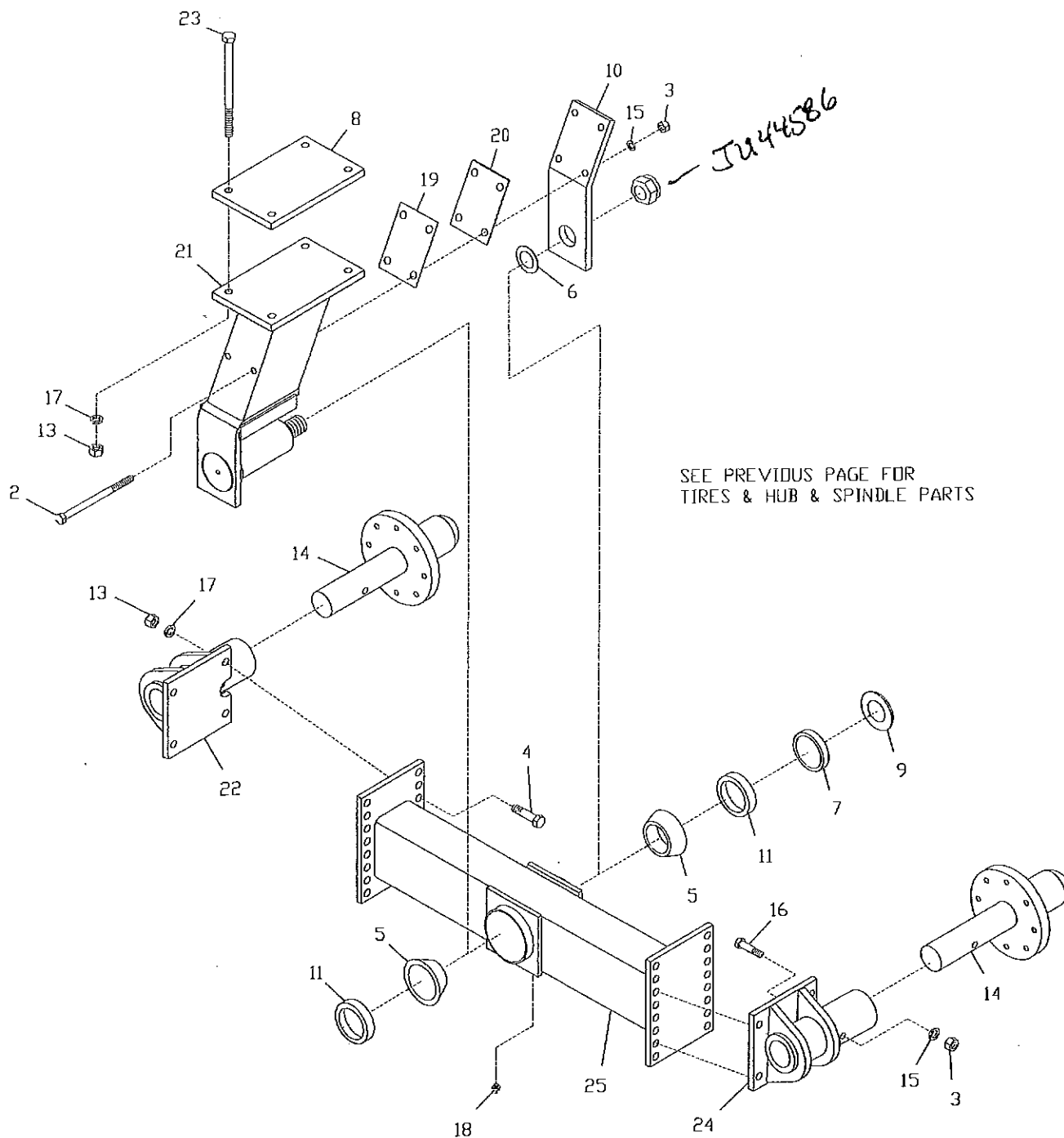
ITEM	PART NUMBER	QTY	DESCRIPTION
1	343990	2	MOTOR, HYDRAULIC MF24
2			
3	395820	1	VALVE ASSEMBLY, MAIN
4	344000	2	HOSE ASSEMBLY, HYD .62 X 325
5	393900	2	HOSE ASSEMBLY, HYD .62 X 26
6	344210	2	ADAPTER FITTING, 90°
7	288640	1	HOSE ASSEMBLY, HYD .62 X 132
8	288650	1	HOSE ASSEMBLY, HYD .62 X 156
9	259600	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			



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	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	129830	1	NUT, HEX-SL. 7/8-14 G5 ZN
15	E829019	1	WASHER, FLAT 5/16 ZN

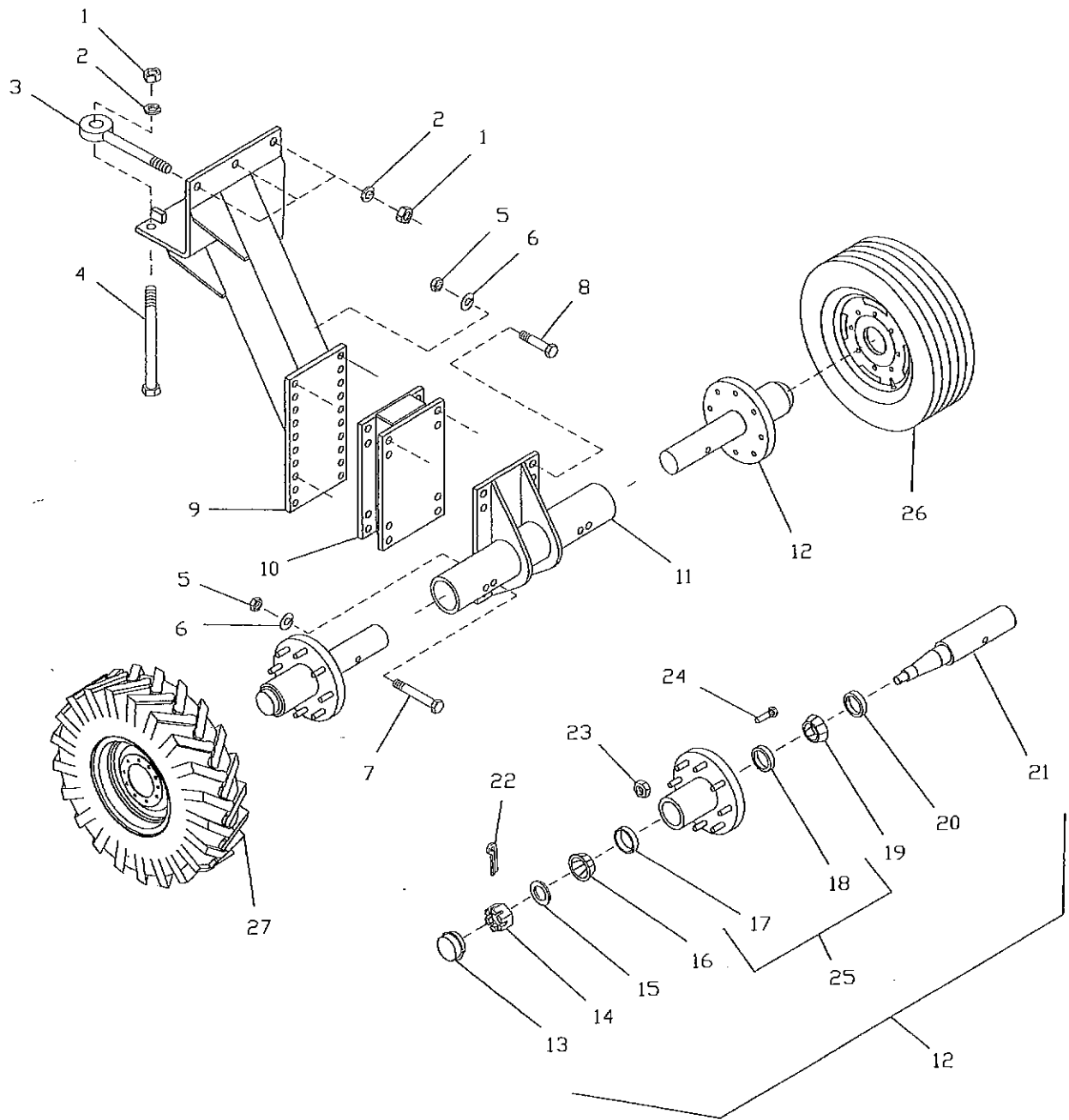
OSCILLATING CARRIER STRUT (M252010), 268840

ITEM	PART NUMBER	QTY	DESCRIPTION
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	355440	2	WHEEL & TIRE ASSY, IMPL.
26	TG0740	-	TIRE, TUBELESS 11.00x16 12P
26	355430	-	WHEEL, W10L-16 8-BOLT GLD
26	164420	-	VALVE STEM, W/CORE & CAP
27	355400	1	WHEEL & TIRE ASSY, LHTRAC.
27	355410	1	WHEEL & TIRE ASSY, RHTRAC
27	042264	-	WHEEL, 11x16.1 8-BOLT GOLD
27	164420	-	VALVE STEM, W/CORE & CAP
27	278460	1	TIRE, TUBELESS 13.5x16.1 6P
28	251980	1	OSCILLATING ASSEMBLY-44"
28	268830	1	OSCILLATING ASSEMBLY, 28-30"
29	251960	1	MOUNT WLDT, AXLE
30	268810	1	BEAM WLDT, AXLE 44"
30	268820	1	BEAM WLDT, AXLE 28-30"
*	044550	2	BUSHING, DILITE
31	E552084	1	NUT, SLOTTED 1-1/2-6 Gr5 ZN HEX
32	E580042	1	PIN, COTTER 3/16 x 3 CHISEL POINT
33	JN2018M	2	WASHER, THRUST 1-17/32 x 2-5/8 x 1/16
34	251860	1	PIN WELDMET, PIVOT



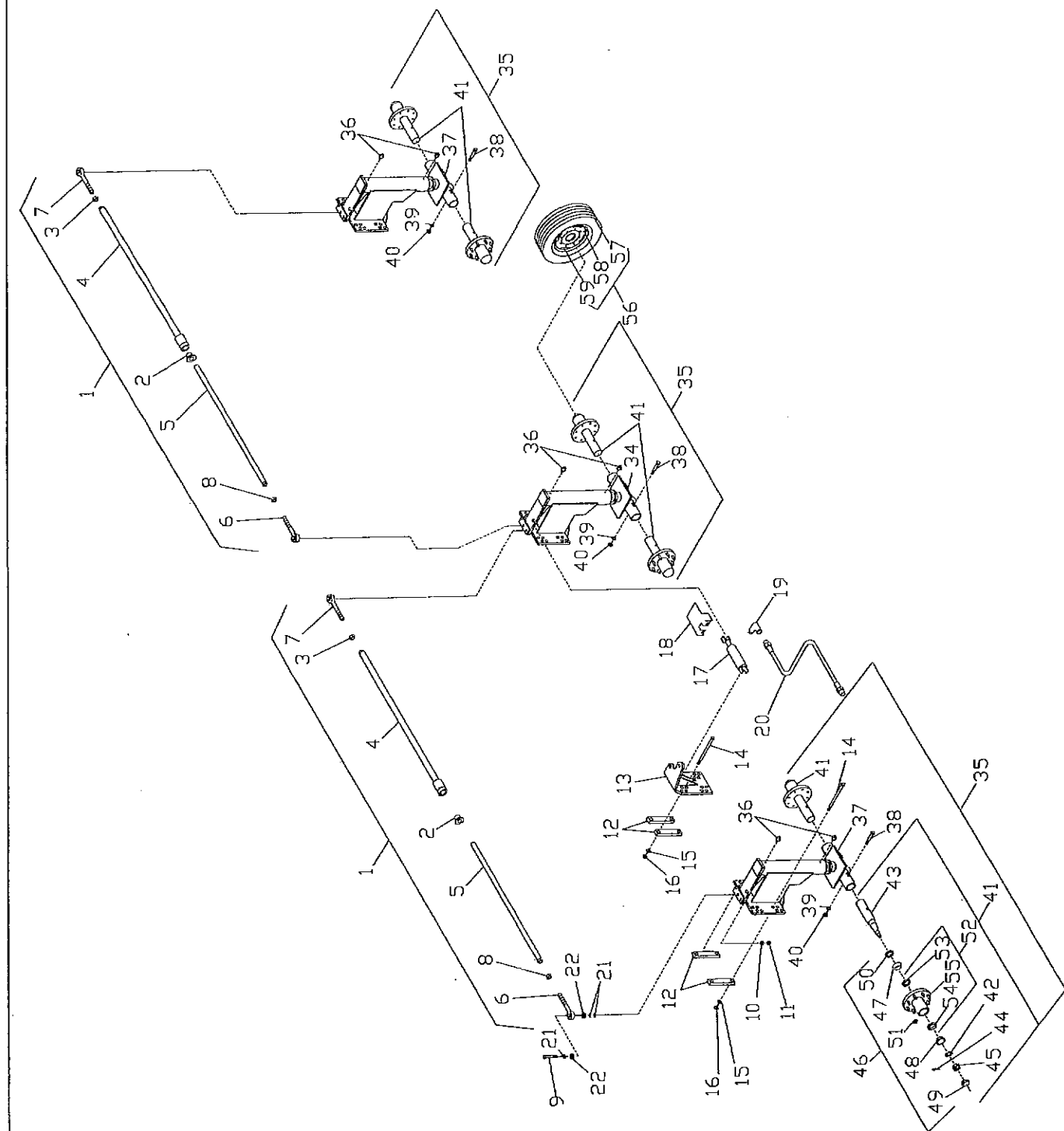
WALKING BEAM ASSY (M411590)

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			
13	J14H794	12	NUT, 3/4-10 HEX GR5,ZN
14	TG0496	2	HUB & SPINDLE ASSEMBLY
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



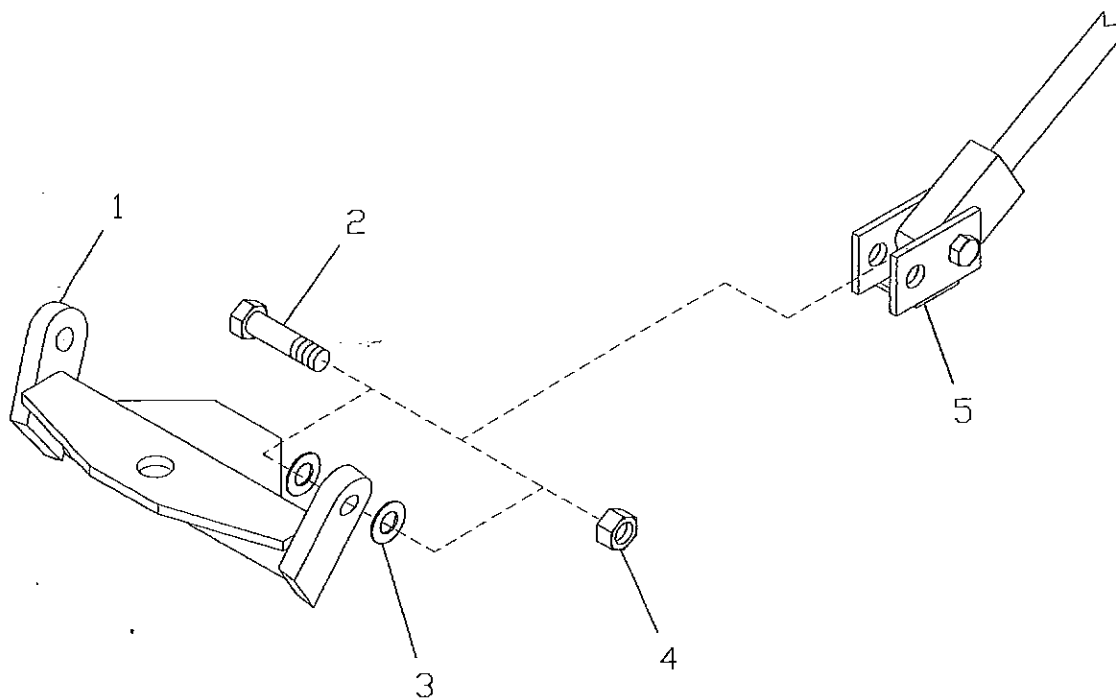
FIXED CARRIER STRUT (M237530)

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	J124589	-	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	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	355440	2	WHEEL & TIRE ASSY, IMPL.
*	TG0740	-	TIRE, TUBELESS 11.00 x 16 12P
*	355430	1	WHEEL, W10L-16 8 BOLT GLD
*	164420	2	VALVE STEM, W/ CORE & CAP
27	355400	1	WHEEL & TIRE ASSY, LHTRAC
27	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



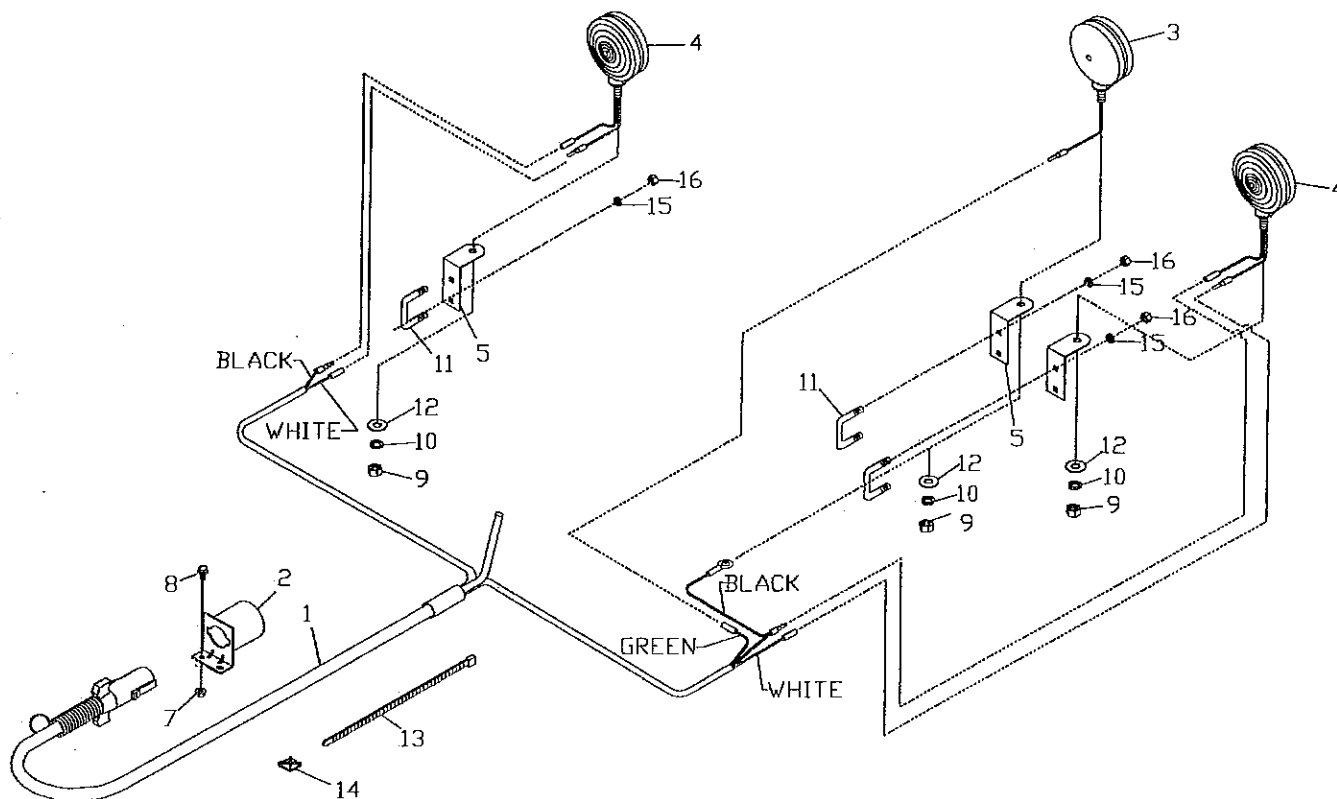
OPT, 3 SET H.D. STEERABLE WHEEL (M383710)

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	F174044	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 43
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	-	-	-

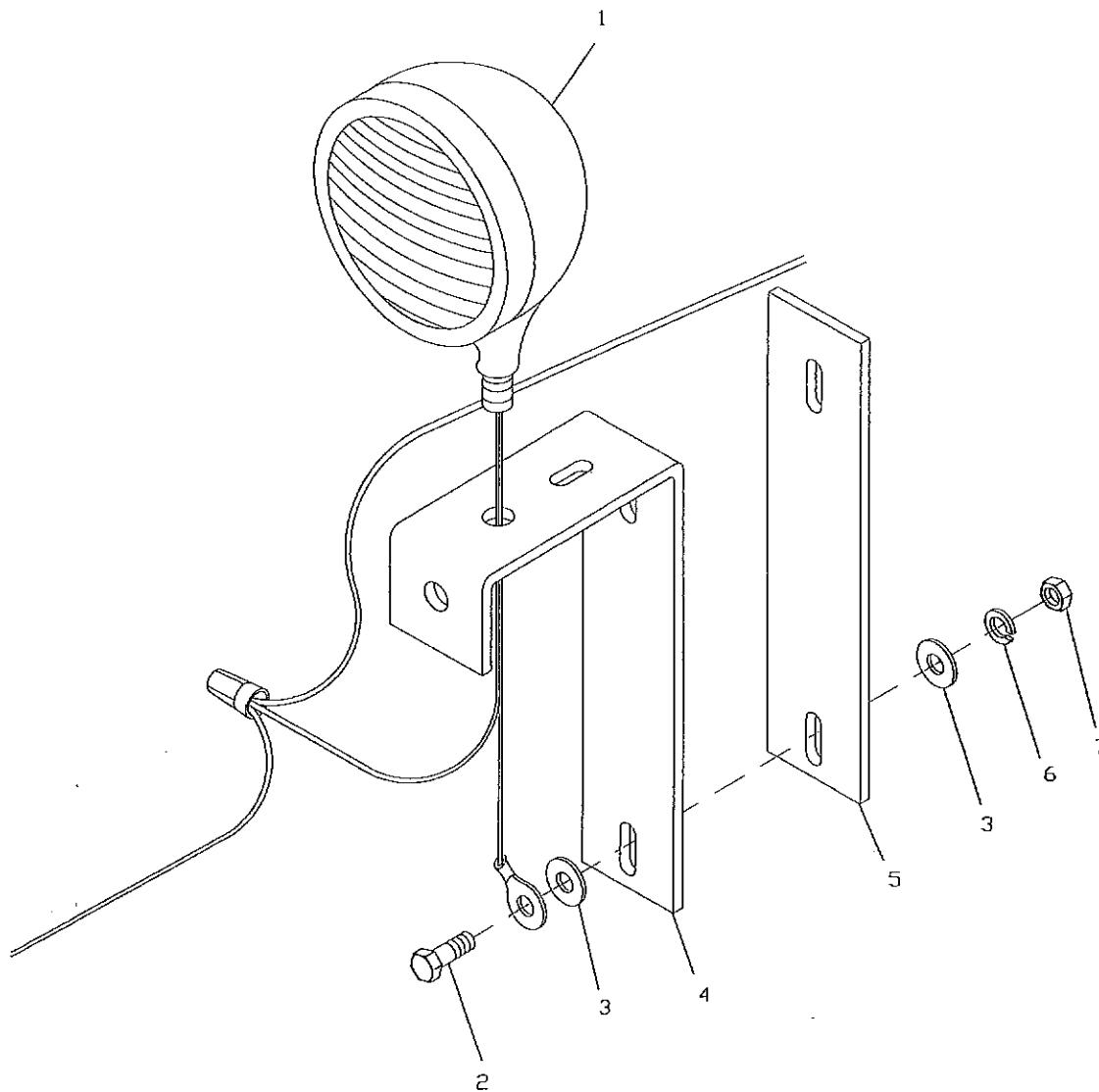


ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	424300	SUPPORT, DRAWBAR
2	4	991060	BOLT, HEX 1-8 x 5"
3	26	1107389	WASHER, FLAT 1"
4	4	990510	NUT, LOCK 1"
5	2	424320	BRACKET WLDT, DRAWBAR SUPPORT

ROAD HAZARD LIGHTS (M386270)

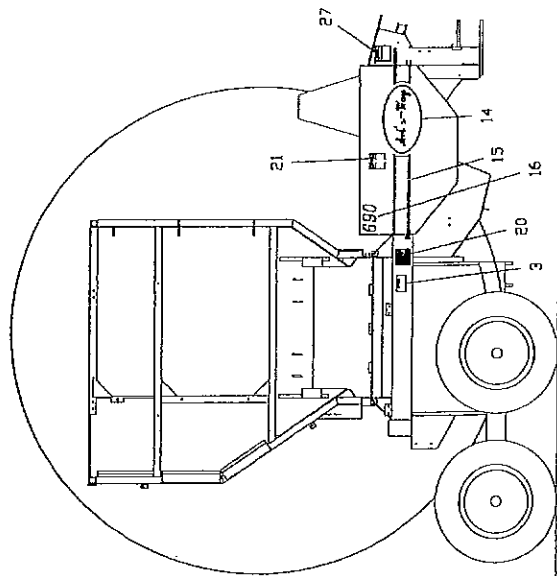


ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	386280	HARNESS ASSY, LIGHT
2	1	JPT1296	BRACKET, PLUG STORING
3	1	350150	LIGHT ASSY, RED TAIL
4	2	350160	LIGHT ASS'Y, AMBER HAZARD
5	3	386300	BRACKET, TAIL LIGHT MOUNTING
6	1	386290	BAG, HDWE. LIGHT KIT
7	2	027660	NUT, HEX 1/4-20
8	2	J37H3	SCREW, HEXTAP 1/4-20x.62
9	6	027260	NUT, HEX 3/8-16 G5 ZN
10	6	021180	WASHER, LOCK 3/8 ZN
11	3	290890	BOLT, U-1/2-13x2-1/16x3.00
12	3	1120394	WASHER, FLAT .40x.81x.051
13	10	149670	HEAVY NYLON CABLE
14	8	JAT55441	MOUNT, CABLE TIE
15	4	005370	WASHER, LOCK 1/2 Zn
16	4	005360	NUT, HEX 1/2-13 GR.5 Zn

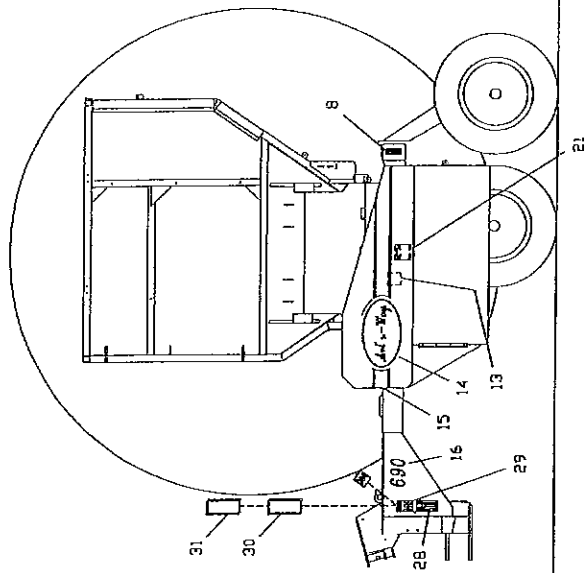


ITEM	PART NUMBER	QTY	DESCRIPTION
1	242110	3	LAMP, 12V HORIZ. MOUNT HALOGEN
2	011370	-	BOLT, HHCS 3/8"x1-1/2"
3	021190	-	WASHER, FLAT 3/8"
4	236250	3	BRACKET, LIGHT MOUNTING
5	236260	2	BAR, LIGHT BRACKET BACK UP
6	021180	-	WASHER, LOCK 3/8"
7	027260	-	NUT, HEX 3/8"

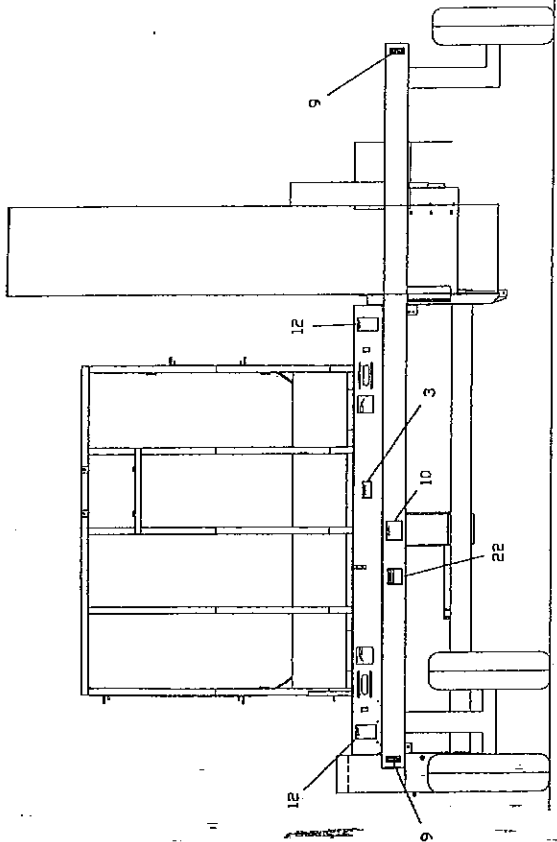
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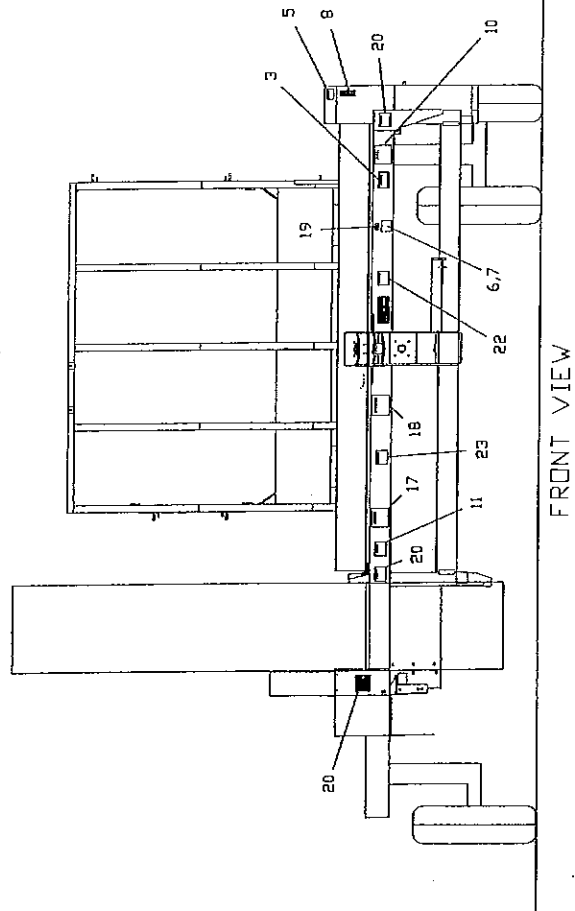
RIGHT VIEW



LEFT VIEW



REAR VIEW



FRONT VIEW

690 DECAL LOCATIONS (M269260)

ITEM	PART NUMBER	QTY	DESCRIPTION
1	-	-	-
2	-	-	-
3	467420	3	DECAL, WARNING STAND/RIDE
4	-	-	-
5	-	-	-
6	204510	4	NAIL, 1/4" GRIP
7	355500	1	TAG, SERIAL NO. FINISHED
8	227420	2	REFLECTOR, AMBER
9	227430	2	REFLECTOR, RED
10	368040	2	DECAL, CAUTION-9 INSTRUCTNS
11	467440	1	DECAL, DANGER CHK ELEC CLR
12	467410	2	DECAL, DANGER ROTAT. ROLLS
13	235420	1	DECAL, IMPORTANT IDLER SPR
14	355450	2	DECAL, ART'S-WAY LOGO 20"
15	355460	7'	DECAL, STRIPE GOLD METALLIC
16	355470	2	DECAL, 690 MODEL
17	345410	1	DECAL, IMPORTANT LEVEL
18	345420	1	DECAL, INSTRUCTIONS-ROWFNR
19	345430	1	DECAL, PATENT
20	467450	4	DECAL, WARNING MOVING PARTS
21	467430	2	DECAL, DANGER SHIELD MISSING
22	467400	2	DECAL, WARNING THROWN OB.
23	346310	1	DECAL, WARNING HIGH PRESS.
24	467460	1	DECAL, CAUTION HITTING INST.
25			
26			
27			
28	449190	1	TUBE, MANUAL HOLDER
29	455160	1	CLAMP, HOSE
30	274580	1	MANUAL, BE WHOLEGOODS 690
31	460010	1	MANUAL, PTO SAFETY

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