

Defoliator

Models: 786 & 638

Illustrated Parts List

Art's-Way Manufacturing Co., Inc.

TO THE OWNER

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

Even if you are an experienced operator of this or similar equipment, *we ask that you read the Operator's Manual before running this equipment.* 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 defoliator 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 equipment, *pay particular attention to the safety alert symbol throughout this manual.*

Art's-Way Manufacturing Co., Inc. Statement of 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 Defoliator 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 Defoliator, 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 one-pass system. 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

(Located on left front corner of the frame)

Enter the serial number and model number of your defoliator in the spaces 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 an authorized **Art's-Way Manufacturing Co., Inc.** dealer which affects the product materially and adversely, shall void this warranty.
- No dealer, employee or representative is authorized to change this warranty in any way or grant any other warranty unless such change is made in writing and signed by an officer of **Art's-Way Manufacturing Co., Inc.** at its home office.
- Some states do not allow limitations on how long an implied warranty lasts or exclusions of, or limitations on relief such as incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you the specific legal rights and you may have other rights which vary from state to state.

SAFETY FIRST

Accidents can be prevented if the operator:

- Fully understands how the machine functions
- Knows the precautions and observes them
- Is careful to consider the safe action at all times.

Take note! This Safety Alert Symbol found throughout this manual is used to call your attention to instructions involving your personal safety and the safety of others. Failure to follow these instructions can result in injury or death.



THIS SYMBOL MEANS
ATTENTION !
BECOME ALERT !
YOUR SAFETY IS INVOLVED !

Signal Words: Note the use of the signal words DANGER, WARNING, and CAUTION on the Defoliator 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.

Art's-Way Manufacturing Co., Inc. strives to make our equipment as safe as it can possibly be. The Defoliator 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 Defoliator 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 machine.



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 Defoliator. 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 before starting or operating the Defoliator.
- Clear the area of bystanders, especially children, when making adjustments, repairs, or performing maintenance on the machine.
- Do not allow riders while transporting.
- Put all tractor and machine controls in *neutral* before starting. Follow the starting instructions according to your tractor Manual.
- Operate the Defoliator only while seated on the tractor seat.
- Make sure the unit is adequately supported with safety blocks or stands when 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 machine when in operation.
- Do not allow riders while the Defoliator is in operation.
- Do not attempt to unclog, clean or adjust machine while it is in operation.
- Before servicing, adjusting, or repairing the Defoliator, stop the tractor engine, place all 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. 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.)

Maintenance Safety

- Follow all operating, maintenance and safety instructions found in the Manual.
- Before servicing, adjusting, or repairing the Defoliator, stop the tractor engine, place all 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 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.

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.
- Make sure all shields/guards are in place and properly secured when maintenance work is complete.
- 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.
- 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.
- Do not allow riders while transporting.
- Make sure the Defoliator is securely attached to the tractor.
- Do not fail to latch the tractor brake pedals together.
- Do not exceed 10 MPH (16 km/h) when transporting the machine. 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 other traffic.
- Check clearances carefully when using the Defoliator.
- Stay away from overhead obstructions and power line during transport. Electrocutation can occur even without direct contact.

Storage Safety

- Store the Defoliator in an area away from human activity.
- Do not permit children to play on or around the stored machine.
- Park the machine on firm level ground and block the gauge wheels.

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.
- 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.

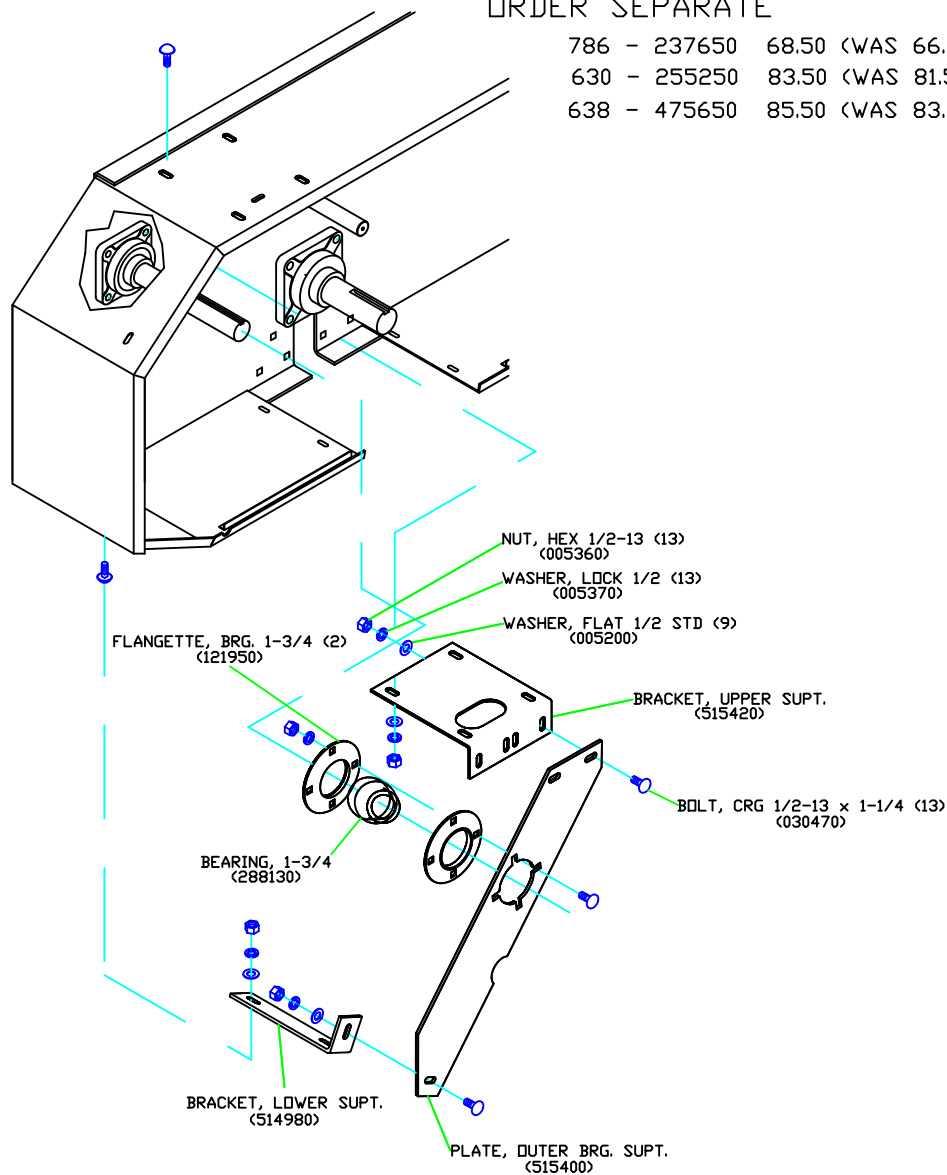
Assembly Safety

- Use adequate manpower to perform assembly procedures safely.
- Assemble the Defoliator 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***

NOTE: MUST ALSO HAVE JACK SHAFT LONGER
ORDER SEPARATE

786 - 237650	68.50 (WAS 66.50)
630 - 255250	83.50 (WAS 81.50)
638 - 475650	85.50 (WAS 83.50)



INSTRUCTIONS:

1) REPLACE JACKSHAFT WITH LONGER. WHEN REPLACING SHEAVES MOVE IN AS FAR AS POSSIBLE. OTHER SHEAVES & IDLERS MAY ALSO NEED TO BE ADJUSTED.

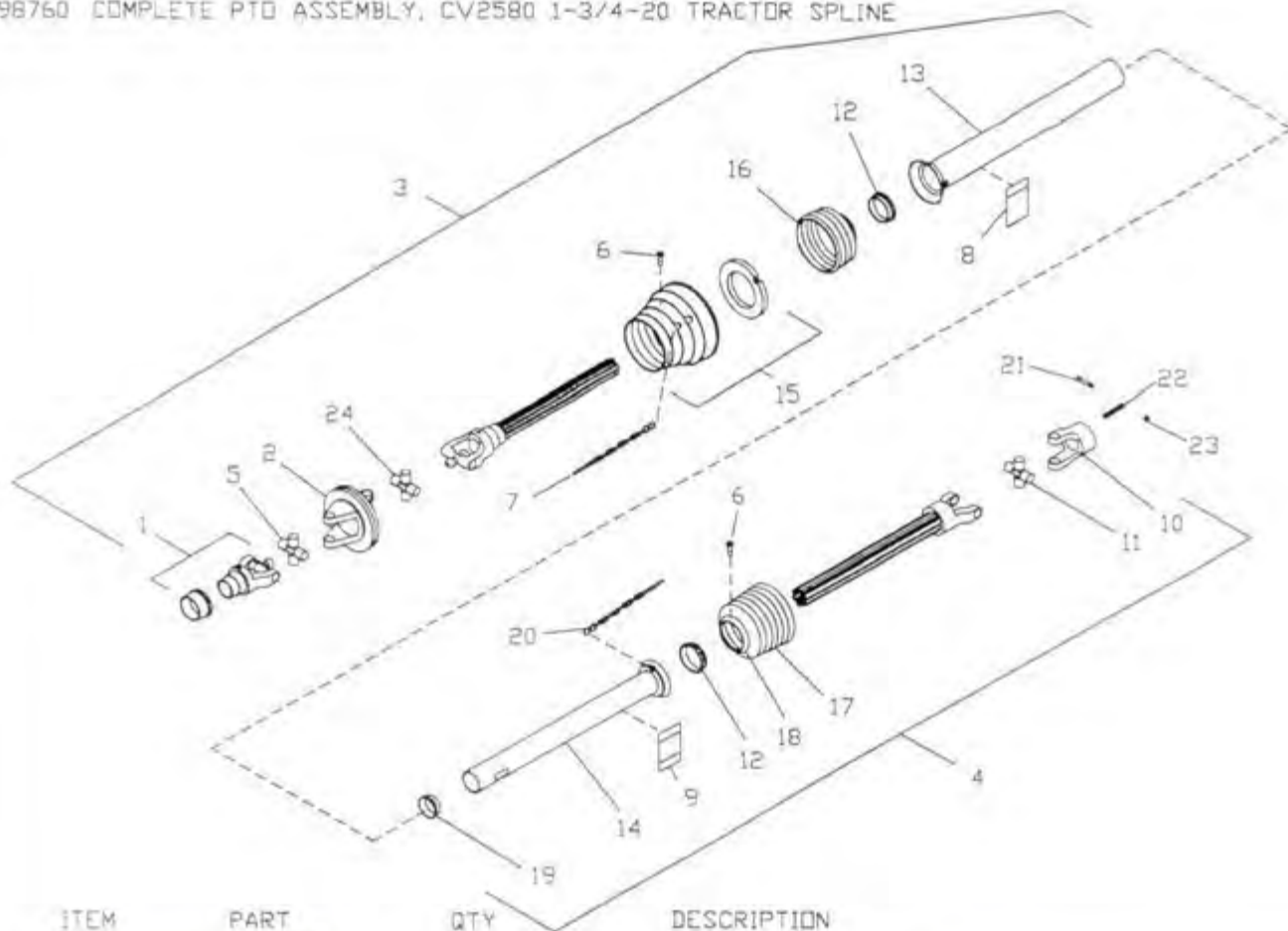
2) ASSEMBLE BEARING & FLANGETTES TO BEARING PLATE (515400). SLIP ONTO SHAFT, POSITIONING UPPER & LOWER SUPPORTS (515420) & (514980), CLAMP IN POSITION. MARK & DRILL HOLES TO BOLT UPPER & LOWER SUPPORTS.

3) COMPLETE ASSEMBLY AS SHOWN. LOCK BEARING COLLAR IN THE DIRECTION OF ROTATION.

PTO ASSEMBLY, CONTANT VELOCITY- WALTERSCHEID (M498750)

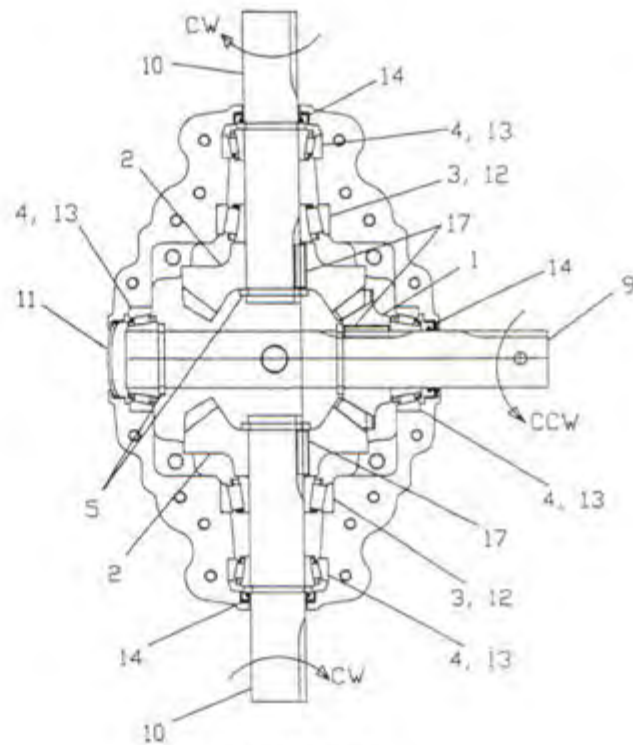
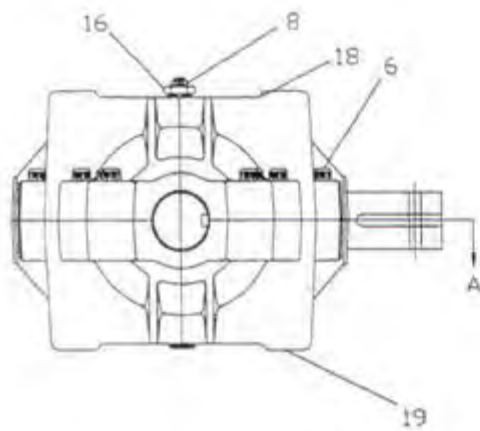
498750 COMPLETE PTO ASSEMBLY, CV2580 1-3/8-21 TRACTOR SPLINE

498760 COMPLETE PTO 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	498800	1	TRACTOR HALF, PTO 1-3/8-21 YOKE
3	472160	1	TRACTOR HALF, PTO 1-3/4-20 YOKE
4	357850	1	IMPLEMENT HALF, PTO FOR 1-3/8-21
4	287450	1	IMPLEMENT HALF, PTO 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	357880	1	TUBE, OUTER SHIELD OVAL-1-3/8
13	287490	1	TUBE, OUTER SHIELD OVAL-1-3/4
14	357890	1	TUBE, INNER SHIELD ROUND-1-3/8
14	287500	1	TUBE, INNER SHIELD ROUND-1-3/4
15	345950	1	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
24	498820	1	CROSS AND BEARING KIT

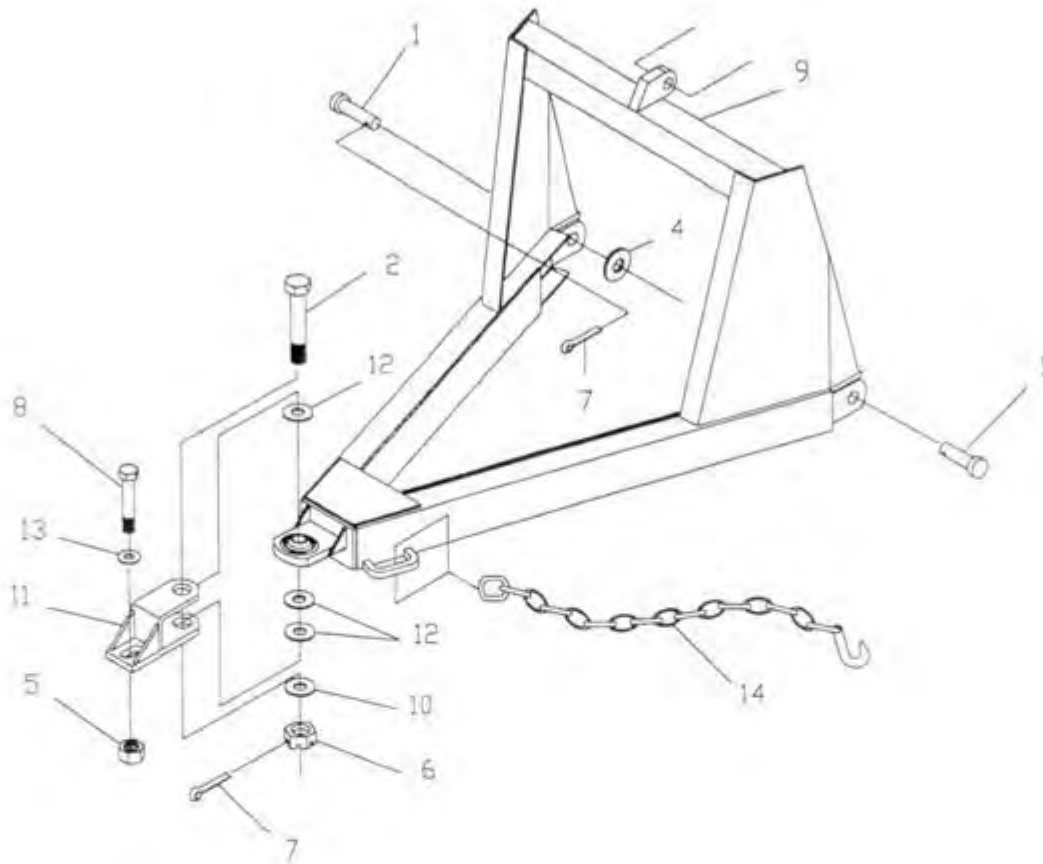
GEARBOX ASSEMBLY, (M244180)



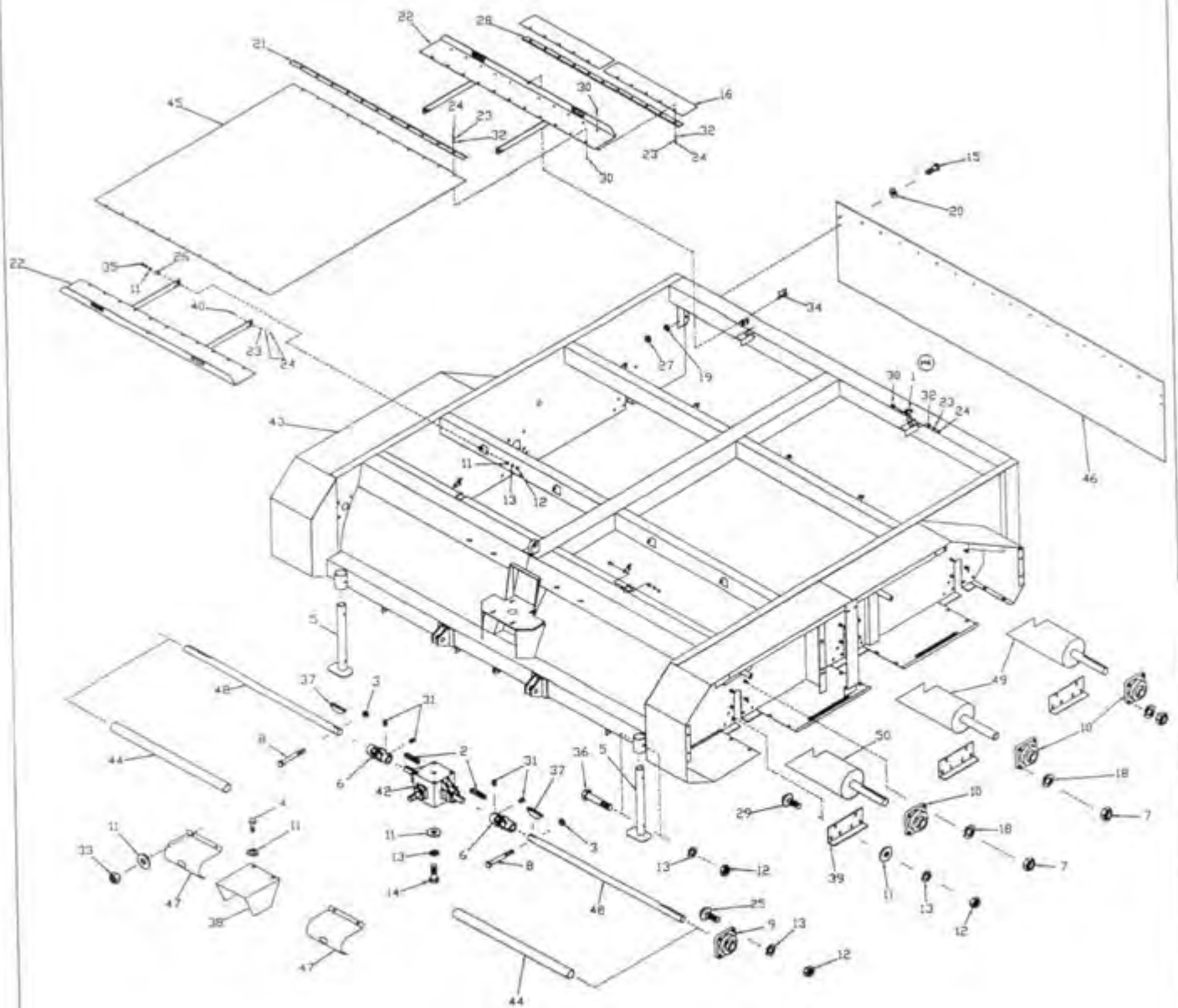
SECTION A-A

ITEM	PART NUMBER	QTY	DESCRIPTION
1	247790P	1	GEAR, 20 TOOTH, 1.5:1
2	247740P	2	GEAR, 30 TOOTH, 1.5:1
3	V241091P	2	BEARING, HUB
4	235770P	4	RING, RETAINING
5	247670P	6	BOLT, 3/8-16 x 2-1/4 GR 8
6	247830P	16	BEARING, 1-1/4" BORE
7	247760P	1	PLUG, 1/4 NPT
8	247820P	1	PLUG, PRESSURE RELIEF
9	247780P	1	SHAFT, CROSS
10	247710P	2	SHAFT, PINION
11	247840P	1	PLUG, END
12	E072317P	2	CUP, BEARING
13	129770P	4	CUP, BEARING
14	247660P	3	SEAL, OIL
15	006370P	1	PLUG, 1/2 NPT
16	247810P	1	BUSHING, 1/2 NPT TO 1/8 NPT
17	247700P	3	KEY, SQUARE 3/8 x 1.45
18	247800P	1	CASTING, TOP
19	247770P	1	CASTING, BOTTOM

TONGUE ASSEMBLY (M234420)



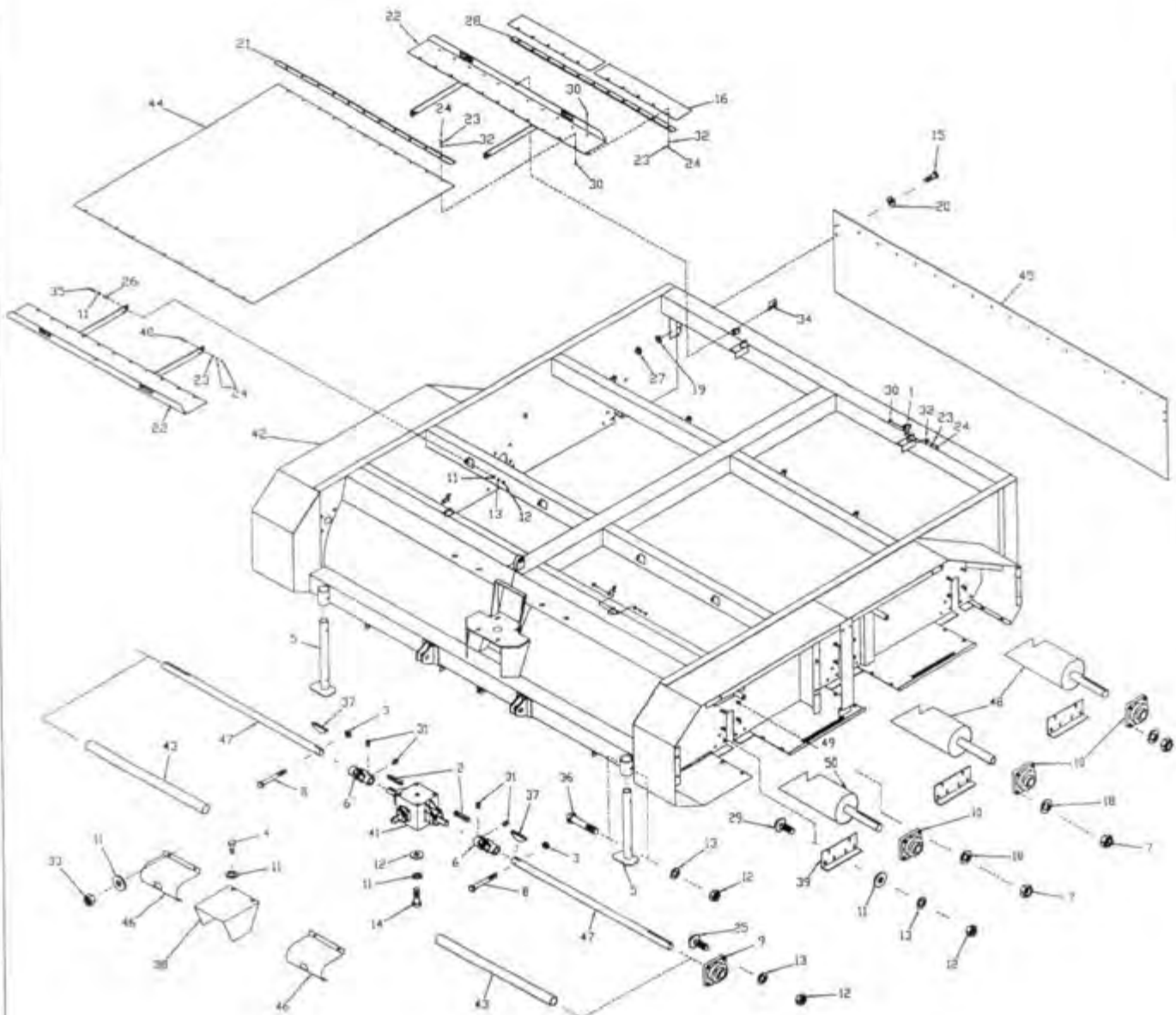
ITEM	PART NUMBER	QTY	DESCRIPTION
1	E580155	2	CLEVIS PIN, 1-1/8
2	E096105	1	BOLT, SPECIAL 1-1/8 x 6
3	-	-	-
4	034260	2	WASHER, FLAT, 1-1/8
5	E552046	1	NUT, STOVER, 5/8
6	E552092	1	NUT, SLOTTED, 1-1/8
7	E580046	3	PIN, COTTER 1/4 x 2-1/2
8	056720	1	BOLT, 5/8 x 4
9	234430	1	WLDT, TONGUE
10	E829021	1	WASHER, FLAT, 1-1/8
11	250220	1	WLDT, HITCH BRACKET
12	231970	3	WASHER, HARDENED 1-1/8
13	020430	1	WASHER, FLAT, 5/8
14	1765302	1	CHAIN, SAFETY 5/16



786 BASIC UNIT (M234640)

ITEM	PART NUMBER	QTY	DESCRIPTION
1	509850	4	BRACKET WLDT, TOP HOLD DOWN
2	E388074	2	KEY, SQUARE 3/8 x 2-1/4
3	E552044	2	NUT, LOCK, 3/8-16
4	E672030	2	BOLT, HEX, 1/2-13 x 3/4
5	E748004	2	JACK STAND
6	E823023	2	U-JOINT, 35N 1-3/4 x 1-3/4
7	I124589	24	NUT, HEX, 5/8-11
8	991150	2	BOLT, HEX, 3/8-16 x 4
9	R16260	2	BEARING, FLNG w/ LK CLR 1-3/4
10	R66250	6	BEARING, FLNG w/LK CLR 2-3/16
11	005200	60	WASHER, FLAT, 1/2 STD
12	005360	54	NUT, HEX, 1/2-13
13	005370	60	WASHER, LOCK, 3/8
14	010730	4	BOLT, HEX, 1/2-13 x 1-1/4
15	012260	26	BOLT, HEX, 3/8-16 x 1
16	424720	4	COVER, REAR BOTTOM, 786A
17	019070	1	COTTER PIN, 3/16 x 1
18	020440	24	WASHER, LOCK, 5/8
19	021180	26	WASHER, LOCK, 3/8
20	021190	26	WASHER, FLAT, 3/8 STD
21	424760	4	STRIP, BOLT TOP, 786A
22	424770	4	WLDT, TOP COVER HOLDER, 786A
23	023620	72	WASHER, LOCK, 5/16
24	023630	80	NUT, HEX, 5/16-18
25	025390	8	BOLT, CRG, 1/2-13 x 1-3/4
26	231030	8	SPACER
27	027260	26	NUT, HEX, 3/8-16
28	421290	2	STRIP, BOLT TOP, 65" LONG
29	030470	36	BOLT, CRG, 1/2-13 x 1-1/4
30	254060	64	BOLT, CRG SSN, 5/16-18 x 1
31	218660	6	SCREW, AHSS BLD 3/8-16 x 3/8
32	022920	64	WASHER, FLAT, 5/16
33	127890	4	NUT, HEX LOCK, 1/2-13
34	143710	4	PIN, SNAPPER, 3/8 x 2-1/2
35	1770500	8	BOLT, HEX, 1/2-13 x 1-3/4
36	1770608	2	BOLT, HEX, 1/2-13 x 3-1/2
37	231950	2	KEY, WDRF (1222-1) 3/8 x 2-3/4
38	234560	1	SHIELD, GEARBOX
39	234580	6	ANGLE, SIDE SUPPORT
40	005900	8	BOLT, HEX, 5/16-18 x 1
41	963130	15	DIL, 90W (IN GEARBOX)
42	244180	1	GEARBOX, 1.5 TO 1, 600 SERIES
43	278350	1	WLDT, MAINFRAME 786A
44	237460	2	SHIELD, JACKSHAFT, 786A
45	446400	2	COVER, TOP, 786A
46	279680	1	COVER, REAR DROP, 786A
47	255180	2	SHIELD, U-JOINT
48	237650	2	JACK-SHAFT, 786A
49	509590	2	WLDT, ROTOR TUBE #2 & #3
50	224940	1	WLDT, ROTOR TUBE #1

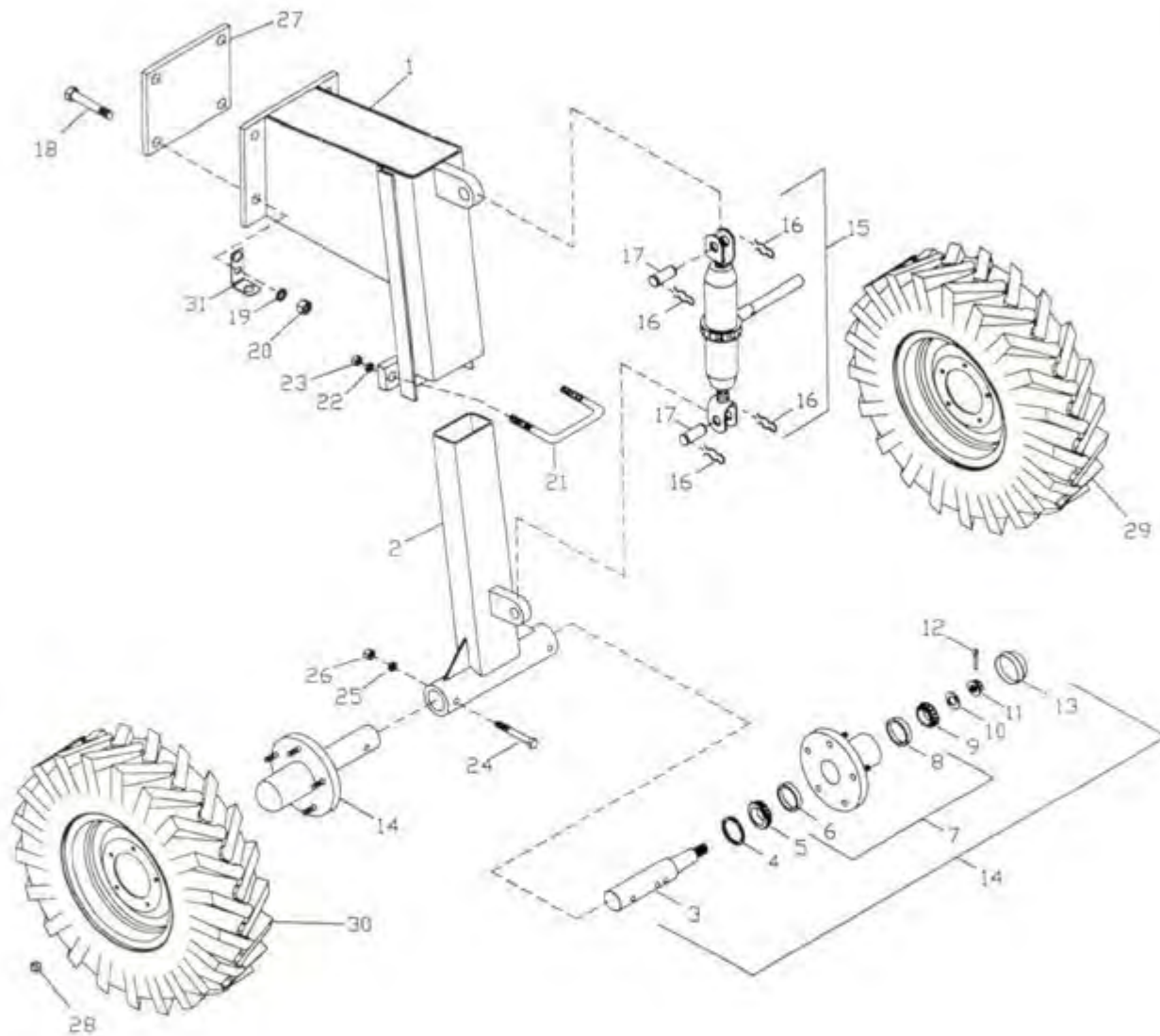
638 BASIC UNIT (M475880)



638 BASIC UNIT (M475880)

ITEM	PART NUMBER	QTY	DESCRIPTION
1	509850	4	BRACKET WLDT, TOP HOLD DOWN
2	E388074	2	KEY, SQUARE 3/8 x 2-1/4
3	E552044	2	NUT, LOCK, 3/8-16
4	E672030	2	BOLT, HEX, 1/2-13 x 3/4
5	E748004	2	JACK STAND
6	E823023	2	U-JOINT, 35N 1-3/4 x 1-3/4
7	I124589	24	NUT, HEX, 5/8-11
8	991150	2	BOLT, HEX, 3/8-16 x 4
9	R16260	2	BEARING, FLNG w/ LK CLR 1-3/4
10	R66250	6	BEARING, FLNG w/LK CLR 2-3/16
11	005200	60	WASHER, FLAT, 1/2 STD
12	005360	54	NUT, HEX, 1/2-13
13	005370	60	WASHER, LOCK, 3/8
14	010730	4	BOLT, HEX, 1/2-13 x 1-1/4
15	012260	34	BOLT, HEX, 3/8-16 x 1
16	475980	4	COVER, REAR BOTTOM, 638
17	019070	1	COTTER PIN, 3/16 x 1
18	020440	24	WASHER, LOCK, 5/8
19	021180	36	WASHER, LOCK, 3/8
20	021190	34	WASHER, FLAT, 3/8 STD
21	475960	4	STRIP, BOLT TOP, 638
22	475950	4	WLDT, TOP COVER HOLDER, 638
23	023620	100	WASHER, LOCK, 5/16
24	023630	108	NUT, HEX, 5/16-18
25	025390	8	BOLT, CRG, 1/2-13 x 1-3/4
26	231030	8	SPACER
27	027260	34	NUT, HEX, 3/8-16
28	475970	2	STRIP, BOLT BOTTOM, 638
29	030470	36	BOLT, CRG, 1/2-13 x 1-1/4
30	254060	92	BOLT, CRG SSN, 5/16-18 x 1
31	218660	6	SCREW, AHSS BLD 3/8-16 x 3/8
32	022920	92	WASHER, FLAT, 5/16
33	127890	4	NUT, HEX LOCK, 1/2-13
34	143710	4	PIN, SNAPPER, 3/8 x 2-1/2
35	1770500	8	BOLT, HEX, 1/2-13 x 1-3/4
36	1770608	2	BOLT, HEX, 1/2-13 x 3-1/2
37	231950	2	KEY, WDRF (1222-1) 3/8 x 2-3/4
38	234560	1	SHIELD, GEARBOX
39	234580	6	ANGLE, SIDE SUPPORT
40	005900	8	BOLT, HEX, 5/16-18 x 1
41	244180	1	GEARBOX, 1.5 TO 1, 600 SERIES
42	475930	1	WLDT, MAIN FRAME, 638
43	475640	2	SHIELD, JACKSHAFT, 638
44	475990	2	COVER, 638 TOP
45	475670	1	COVER, 638 REAR DROP
46	255180	2	SHIELD, U-JOINT
47	475650	2	JACK SHAFT, 638
48	509600	2	ROTOR TUBE WLDT, 638 #2 & #3
49	475630	1	ROTOR TUBE WLDT, 638 #1, RBBER
50	475600	1	ROTOR TUBE WLDT, 638 #1 STEEL
51	963130	.15	OIL, 90W (in gearbox)

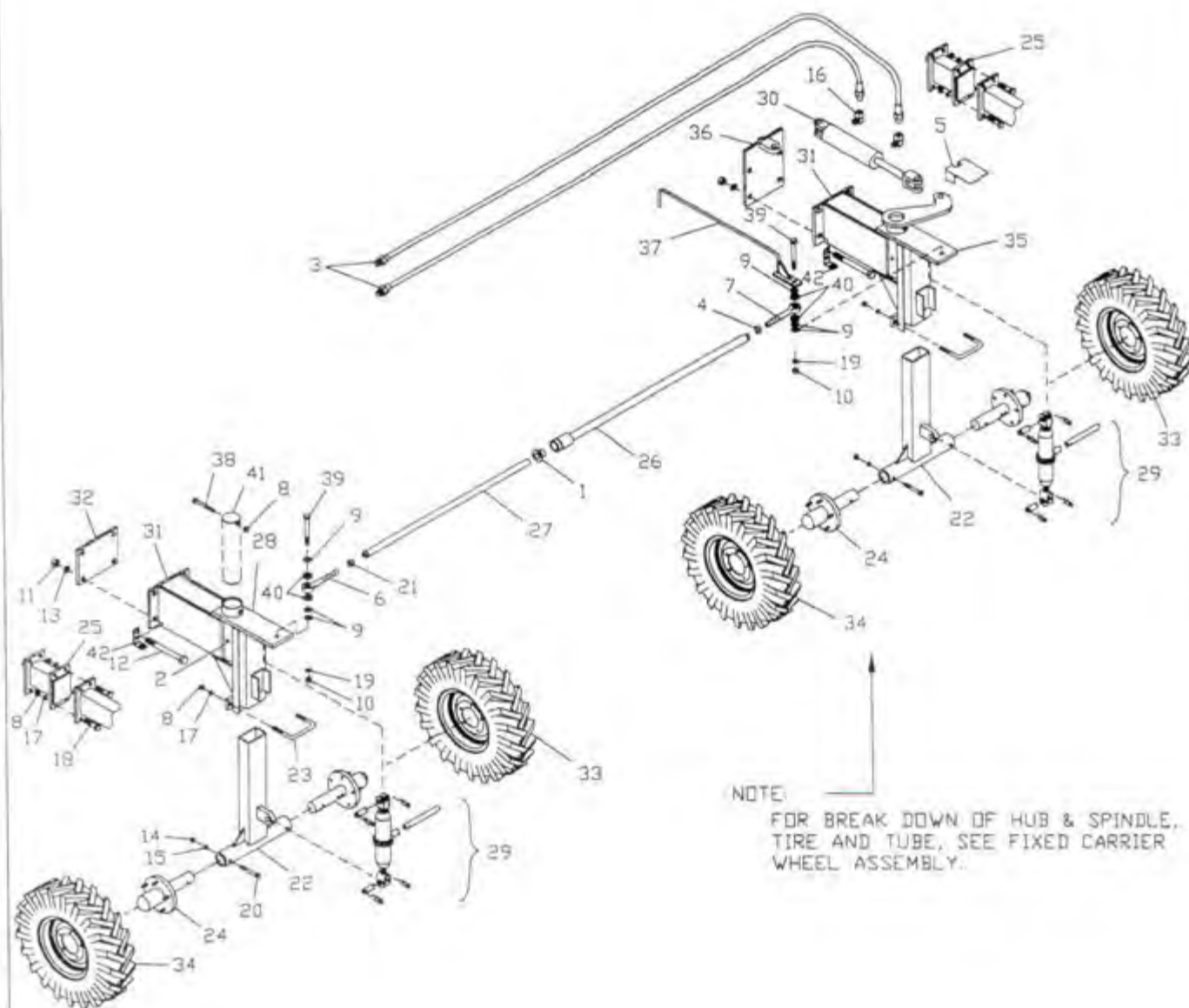
DUAL FIXED CARRIER WHEELS - (M234150)



DUAL FIXED CARRIER WHEELS - (M234150)

ITEM	PART NUMBER	QTY	DESCRIPTION
1	234180	4	STRUT WLDT, TOP WHEEL
2	234170	4	TUBE WELDMENT, AXLE
3	E728040	4	SPINDLE
4	E674023	4	SEAL, 1.50
5	044370	4	CONE, BEARING INNER
6	018850	4	CUP, BEARING INNER
7	E360040	4	HUB, 5-BOLT W/CUP & LUGS
8	018860	4	CUP, BEARING OUTER
9	012630	4	CONE, BEARING OUTER
10	E829019	4	WASHER, FLAT 7/8
11	129830	4	NUT, SLOTTED HEX 7/8
12	003950	4	PIN, COTTER 3/16 x 2
13	035420	4	CAP, HUB
14	234320	8	SPENDLE & HUB ASSY
15	250990	4	JACK, RATCHET
16	R41820	16	HAIRPIN, COTTER
17	R41810	8	PIN, YOKE
18	990980	16	BOLT, HHCS 3/4-10 x 7-1/2
19	036800	16	WASHER, LOCK 3/4
20	J14H794	16	NUT, HEX 3/4-10
21	234190	4	U-BOLT, 5/8 x 5 x 6-3/8
22	020440	8	WASHER, LOCK 5/8
23	1124589	8	NUT, HEX 5/8
24	038560	8	BOLT, HHCS 1/2 x 4.0
25	005370	8	WASHER, 1/2 LOCK
26	005360	8	NUT, HEX 1/2
27	234230	4	PLATE, STRUT MOUNTING
28	020730	40	NUT, WHEEL 1/2-20
29	413640	4	TIRE & WHEEL ASSY, RH
	241410	4	TIRE, 7.60-15 6 PLY GROUND DRIVE
	E816017	8	TUBE, M15
	413630	8	WHEEL, 15 x 6, 5-BOLT
30	413650	4	TIRE & WHEEL ASSY, LH
	241410	40	TIRE, 7.60-15 6 PLY GROUND DRIVE
	E816017	4	TUBE, M15
	413630	4	WHEEL, 15 x 6, 5-BOLT
31	466590	2	CLIP, HANDLE

DUAL STEERABLE WHEELS - (M380120)

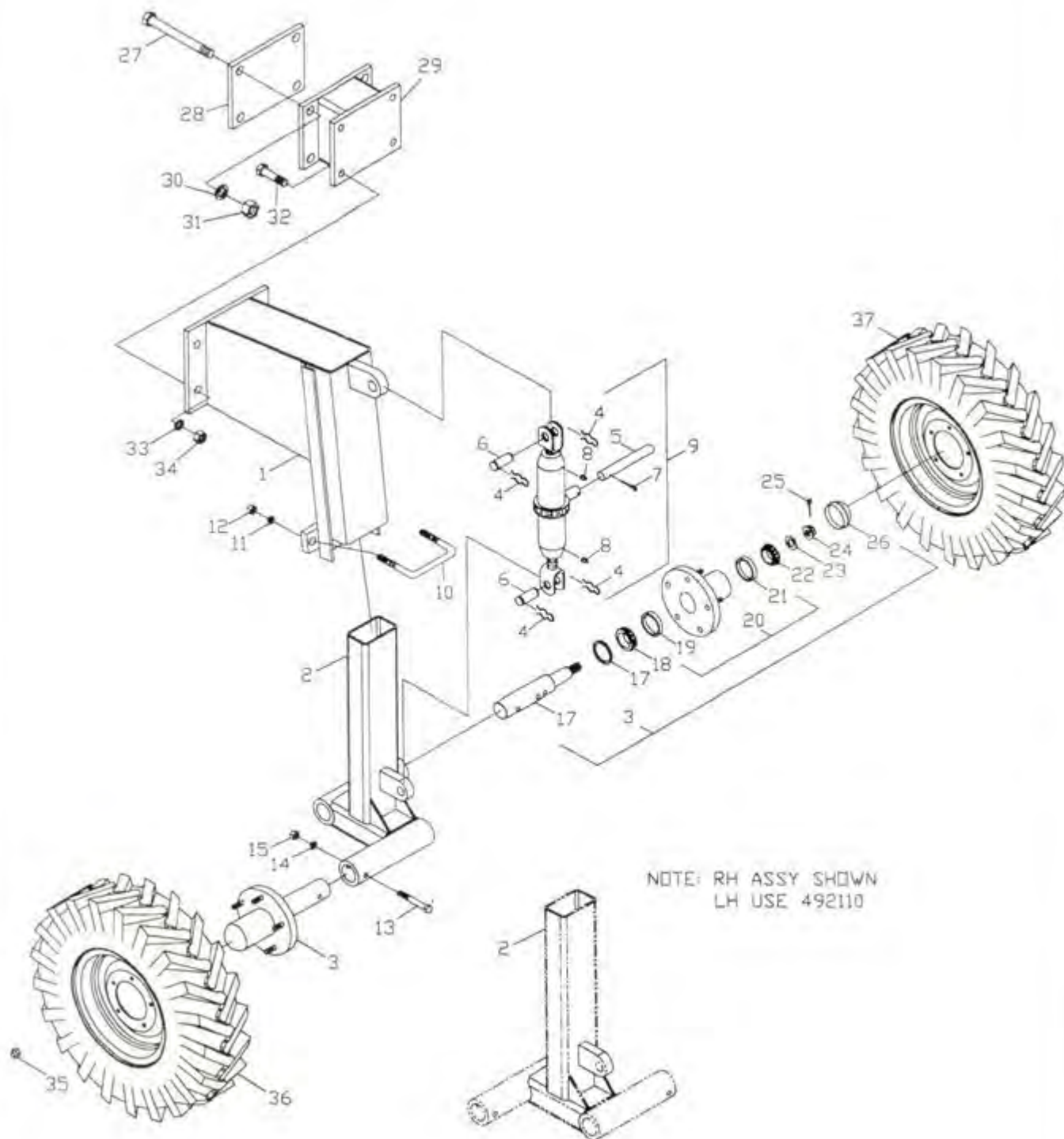


NOTE: FOR BREAK DOWN OF HUB & SPINDLE, TIRE AND TUBE, SEE FIXED CARRIER WHEEL ASSEMBLY.

DUAL STEERABLE WHEELS - (M380120)

1	E126108	1	BUSHING, SPL. TAPER P1 1.5
2	E334006	2	FITTING, LUBE 5/16 PRESS
3	E356113	2	HOSE, 1/2x300 HYDRAULIC
4	E552087	1	NUT, LH THREAD HEX 1.0
5	E694360	1	SHIELD, CYLINDER
6	414480	1	TURNBUCKLE END, 1.0 x 8.0 RH
7	414470	1	TURNBUCKLE END, 1.0 x 8.0 LH
8	1124589	14	NUT, HEX 5/8 Gr5 ZN
9	990710	6	WASHER, FLAT .81 x 2 x .14
10	J14H794	2	NUT, HEX 3/4" Gr5 ZN
11	J14H805	8	NUT, HEX 1.0" Gr5 ZN
12	R60962	8	BOLT, HHCS 1 x 7.50 Gr5 ZN
13	003350	8	WASHER, LOCK 1"
14	005360	4	NUT, 1/2 Gr5 ZN
15	005370	4	WASHER, LOCK 1/2 ZN
16	006240	2	ELBOW, STREET 1/2 x 90°
17	020440	12	WASHER, LOCK 5/8 ZN
18	023110	8	BOLT, HHCS 5/8 x 2.50 Gr5 ZN
19	036800	2	WASHER, LOCK 3/4
20	038560	4	BOLT, HHCS 1/2 x 4.0 Gr5 ZN
21	147310	1	NUT, HEX 1" ZN
22	234170	2	TUBE WLDT, AXLE 22-24"
23	234190	2	U-BOLT, 5/8 x 5.0 x 6.38
24	234320	4	SPINDLE & HUB ASSY, 5 BOLT
25	247390	2	SCALPER EXTENSION WLDT.
26	255230	1	TIE ROD WELDMENT, 638
26	247430	1	TIE ROD WELDMENT, 786A
27	247440	1	TIE ROD WELDMENT, LH
28	260750	2	STRUT WELDMENT, LH REAR
29	250990	2	JACK, REWORKED RATCHET
29	R41810	4	PIN, YOKE
29	R41820	8	PIN, HAIR COTTER
29	013170	2	ZERK, GREASE 1/8 NPT
29	196470	2	BODY, RATCHET JACK
29	250970	2	HANDLE, REWORKED
30	256230	1	CYLINDER, HYDUALIC 3 x 8
30	384830	1	KIT, SEAL CROSS CYLINDER-3 x 8
31	260830	1	STRUT WELDMENT, FRONT
32	261280	1	PLATE, STRUT MOUNTING
33	413640	2	TIRE & WHEEL 7.50-15 RH
33	413630	4	WHEEL, 15 x 6LB, 5 HEAVY BOLT
34	413650	2	TIRE & WHEEL, 7.50-15 LH
34	413630	4	WHEEL, 15 x 6LB, 5 HEAVY BOLT
35	357120	1	STRUT WLDT, RH REAR
36	357140	1	PLATE WLDT, STRUT MTG
37	357160	1	ROD WLDT, STEERING INDICATOR
38	028330	1	BOLT, HHCS 5/8 x 4.50 Gr5 ZN
39	990590	2	BOLT, HHCS 3/4 x 4.0 Gr5 ZN
40	414460	4	SEAL, BALL TIE ROD
41	260910	1	SHAFT, PIVOT
42	466590	2	CLIP, HANDLE

DUAL OFFSET CARRIER WHEELS (M492140)



NOTE: RH ASSY SHOWN
LH USE 492110

DUAL OFFSET CARRIER WHEELS (M492140)

ITEM	PART NUMBER	QTY	DESCRIPTION
1	234180	2	STRUT WLDT, TOP WHEEL
2	492110	1	TUBE WLDT, OFFSET AX, LH
2	492100	1	TUBE WLDT, OFFSET AX, RH
3	234320	4	SPINDLE AND HUB ASS'Y.
* 4	R41820	4	HAIRPIN, COTTER
* 5	250970	1	HANDLE, JACK
* 6	R41810	2	PIN, YOKE
* 7	R41840	1	PIN, HANDLE
* 8	013170	2	ZERK, GREASE 1/8"
9	250990	2	JACK, RATCHET
10	234190	2	U-BOLT, 5/8x5x6-3/8
11	020440	4	WASHER, LOCK 5/8"
12	1124589	4	NUT, HEX 5/8"
13	038560	4	BOLT, 1/2x4.0 HHCS
14	005370	4	WASHER, LOCK 1/2"
15	005360	4	NUT, HEX 1/2"
FOR SERVICE OF ITEM #9. ITEMS MARKED WITH "*"			

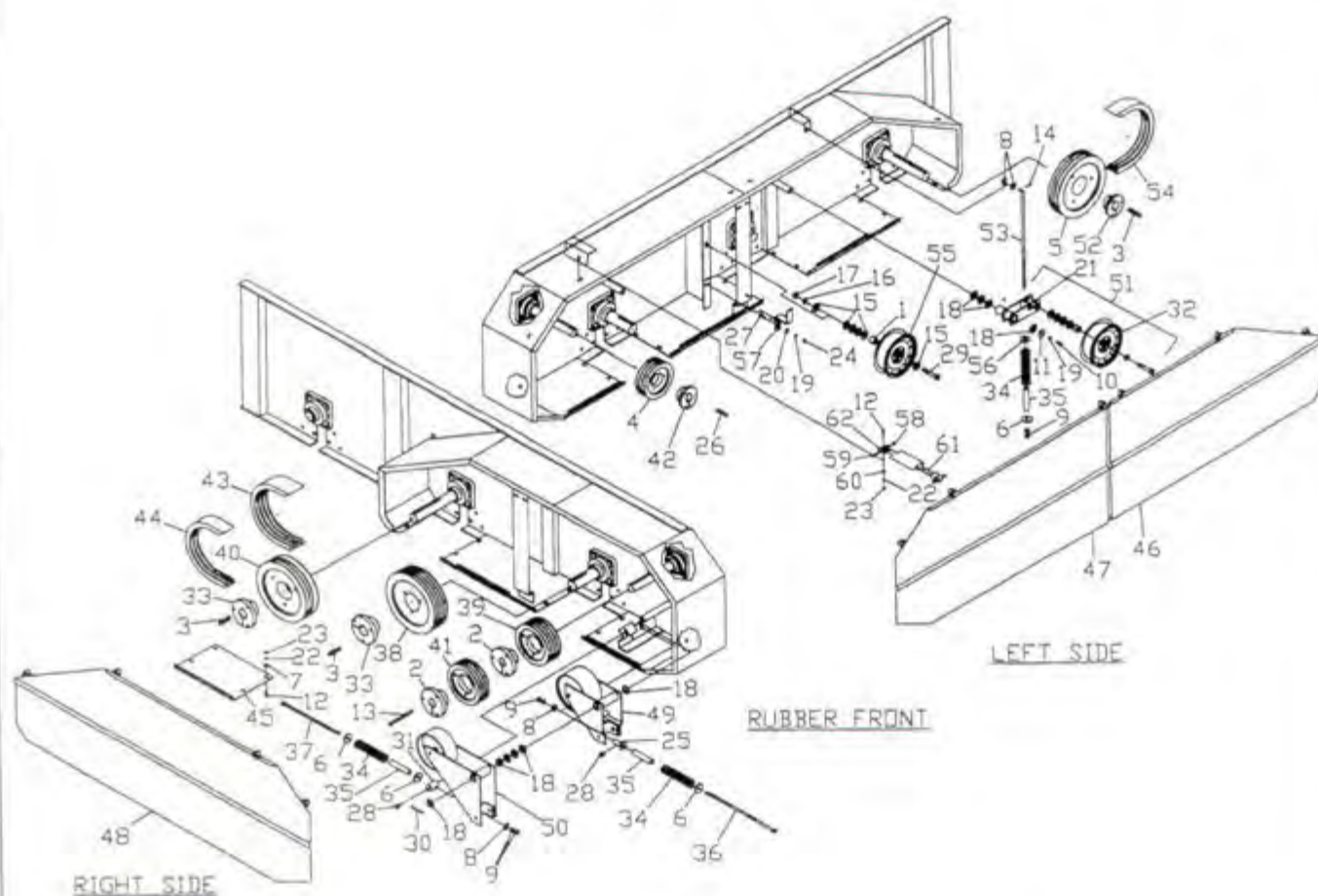
SERVICE PARTS FOR ITEM #3.

16	E728040	1	SPINDLE
17	E674023	1	SEAL, 1.50
18	044370	1	CONE, BEARING INNER
19	018850	1	CUP, BEARING INNER
20	E360040	1	HUB, 5-BOLT W/CUP-LUGS
21	018860	1	CUP, BEARING OUTER
22	012630	1	CONE, BEARING OUTER
23	E829019	1	WASHER, FLAT 7/8"
24	129830	1	NUT, HEX SLOTTED 7/8"
25	003950	1	PIN, COTTER 3/16x2
26	035420	1	CAP, HUB

27	252020	8	BOLT, HHCS 1-8x8 Gr8 ZN
28	261280	2	PLATE, STRUT MOUNTING
29	492130	2	SPACER WLDT, OFFSET AXLE
30	003350	8	WASHER, LOCK 1"x 1-21/32
31	J14H805	8	NUT, HEX 1-8 Gr5 ZN
32	14131240	8	BOLT, 3/4x2-1/2 Gr5
33	036800	8	WASHER, LOCK 3/4"
34	J14H794	8	NUT, HEX 3/4-10 Gr5 ZN
35	020730	40	NUT, WHEEL 1/2-20

36	413650	4	TIRE AND WHEEL ASSY, LH
	241410	4	TIRE, 7.60-15 6 PLY GROUND DRIVE
	E816017	4	TUBE, M15
	413630	4	WHEEL, 15 x 6 5-BOLT
37	413640	4	TIRE AND WHEEL ASSY, RH
	241410	4	TIRE, 7.60-15 6 PLY GROUND DRIVE
	E816017	4	TUBE, M15
	413630	4	WHEEL, 15 x 6 5-BOLT

DRIVES, IDLERS, & SHIELDS (RUBBER FRONT) (M380590)

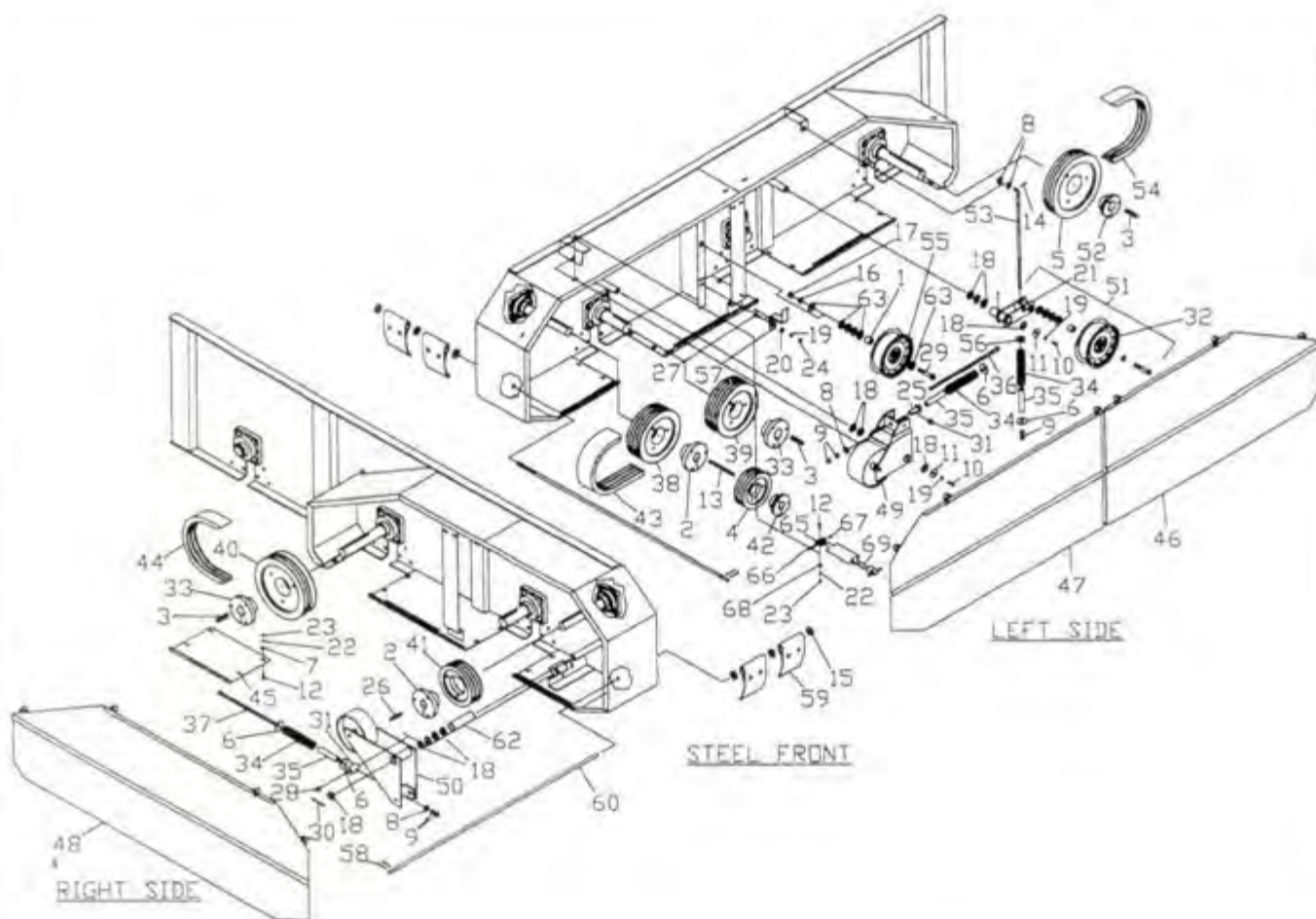


ITEM	PART NUMBER	786 QTY	638 QTY	DESCRIPTION
1	E126195	1	1	BUSHING, .688x1.25x1.12
2	E126196	2	2	BUSHING, SPLIT TAP, E 1.75
3	E388049	3	3	KEY, SQ. .50x3.0
4	E706013	-	1	SHEAVE, 3C 7.9 SF BUSHING
4	E706014	1	-	SHEAVE, 2C 7.9 SF BUSHING
5	E706102	-	1	SHEAVE, 3C 12.4 E BUSHING
5	E706112	1	-	SHEAVE, 2C 12.4 SF BUSHING
6	I486801R1	4	4	WASHER, FLAT .531x2.0x.25
7	022920	20	20	WASHER, FLAT .38x.88x.083
8	005200	4	4	WASHER, FLAT .56x1.38x.109
9	005360	6	6	NUT, HEX 1/2-13 G5 ZN
10	012260	2	2	BOLT, HHCS 3/8x1.0 G5 ZN
11	012270	2	2	WASHER, FLAT .406x1.75x.134
12	254060	30	30	BOLT, CRG. 5/16x1.0 G5 ZN
13	013690	1	1	KEY, SQ. .38x6.50
14	019070	1	1	PIN, COTTER 3/16x1.0 ZN
15	035210	6	6	WASHER, FLAT .656x1.31x.095
16	020440	1	1	WASHER, LOCK 5/8 ZN
17	1124589	1	1	NUT, HEX 5/8-11 G5 ZN
18	020880	20	20	WASHER, FLAT 1.25x1.75x.134
19	021180	4	4	WASHER, LOCK 3/8 ZN
20	021190	2	2	WASHER, FLAT .44x1.0x.083
21	466810	-	1	ARM WLDT, IDLER #3
22	023620	30	30	WASHER, LOCK 5/16 ZN
23	023630	30	30	NUT, HEX 5/16-18 G5 ZN
24	027260	2	2	NUT, HEX 3/8-16 G5 ZN
25	251030	1	1	GUIDE

DRIVES, IDLERS, & SHIELDS (RUBBER FRONT) (M380590)

ITEM	PART NUMBER	786 QTY	638 QTY	DESCRIPTION
26	030380	1	1	KEY, SQ. .38x3.0
27	035180	2	2	BOLT, CRG. 3/8x1.25 G5 ZN
28	115590	2	2	ZERK, 1/4-28TPR DRVTHDSTR
29	056720	-	4	BOLT, HHCS 5/8x4.0 G5 ZN
29	1271729	1	-	BOLT, HHCS 5/8x3.5 G5 ZN
30	114370	1	1	PIN, COTTER 1/4x2.0
31	251020	1	1	GUIDE 8.0
32	380620	-	1	PULLEY, 8.0 x 3.75 x .62
33	225700	2	2	BUSHING, 2-3/16 SPLIT TPR
34	231000	3	3	SPRING, COMP. 1.62x7.25x.25
35	231050	3	3	SPACER, SPRING 1.0x.64x5.0
36	231060	1	1	ROD WELD, TAKE-UP 19.0
37	231070	1	1	ROD, WELD, TAKE-UP 15.0
38	234720	1	1	SHEAVE, 4C-11.4 E BUSHING
39	234730	1	1	SHEAVE, 4C-8.9 E BUSHING
40	234740	1	1	SHEAVE, 4C-13.4 E BUSHING
41	234750	1	1	SHEAVE, 3C-8.9 E BUSHING
42	234760	1	1	BUSHING, SF 1.75 SPLIT TPR
43	234770	1	1	POWER BAND BELT, 4HC-84.2
44	234780	1	1	POWER BAND BELT, 3HC-157
45	234810	5	5	COVER, ROTOR SLOT
46	466930	1	1	SHIELD WLDT FACE LFT RR
47	466920	1	1	SHIELD WLDT, FACE LH FRT
48	466910	1	1	SHIELD WLDT, FACE RH
49	234850	1	1	IDLER ASSEMBLY, #1 ROTOR
50	234860	1	1	IDLER ASSEMBLY, #2 ROTOR
51	380630	-	1	IDLER ASSEMBLY, #3 ROTOR
51	234870	1	-	IDLER ASSEMBLY, #3 ROTOR
52	225700	-	1	BSHNG, 2-3/16 SPLIT TPR TYPE E
52	R66251	1	-	BSHNG, 2-3/16 SPLIT TPR TYPE SF
53	279520	1	1	ROD, SPRING TAKE-UP.5x23.0
54	380610	-	1	POWER BAND BELT, 3HC-230
54	234790	1	-	POWER BAND BELT, 2HC-230
55	380620	-	1	PULLEY, 8.0x3.25Wx.62 B
55	234800	1	-	PULLEY, 8.0x2.0Wx.62 B
56	268560	1	1	WASHER, FLAT 17/32 x1-3/4
57	380640	-	1	BRACKET, BELT RETAINER
57	279530	1	-	BRACKET, BELT RETAINER
58	037550	10	10	NUT, 1/4 LOCK
59	223540	10	10	BOLT, HHCS 1/4 x 1-3/4
60	1120393	10	10	WASHER, FLAT 5/16
61	205650	10	10	HOOK, RUBBER
62	466830	10	10	ANCHOR, LATCH BOLT-ON

DRIVES, IDLERS, & SHIELDS - STEEL FRONT (M380600)

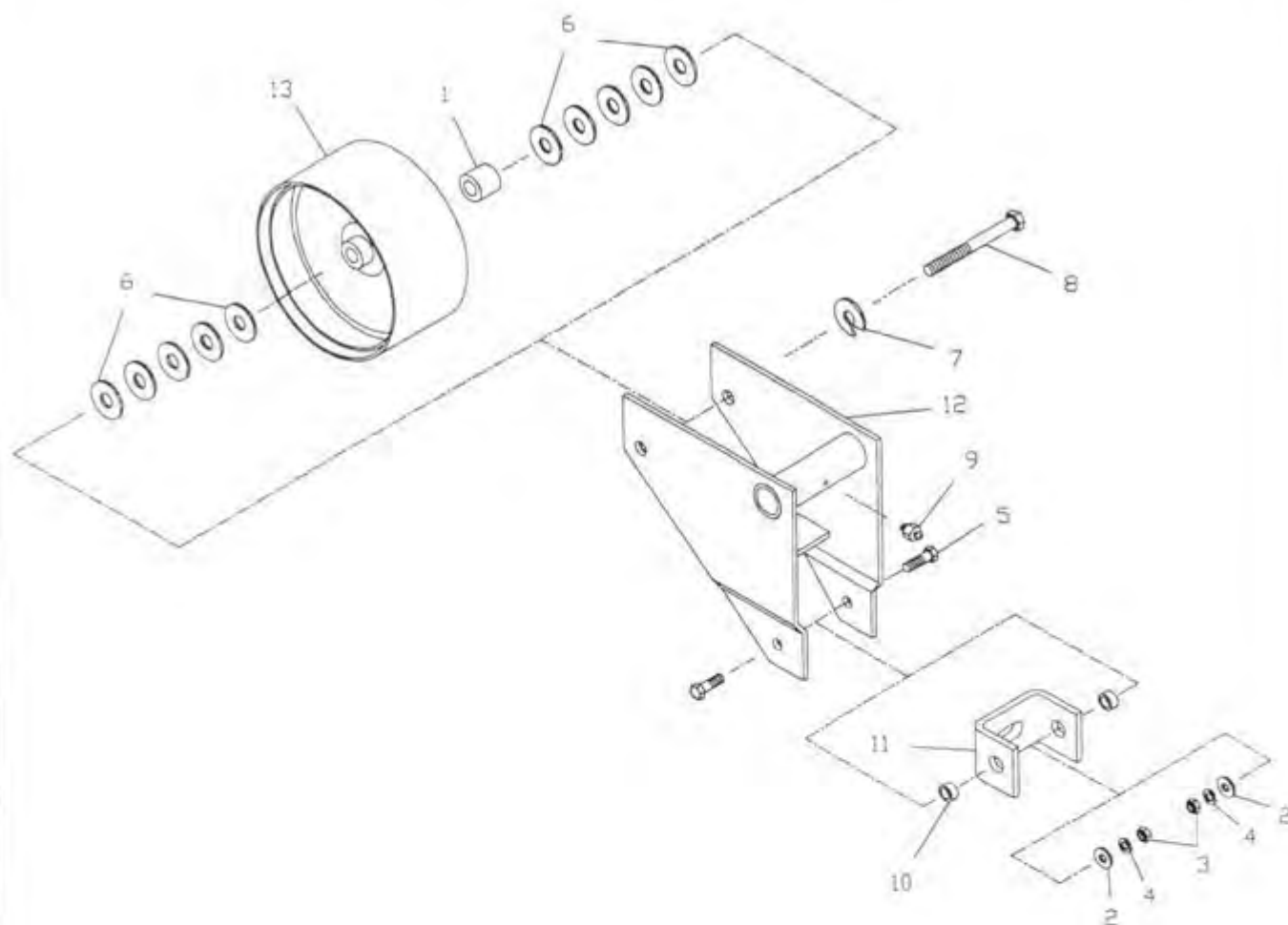


ITEM	PART NUMBER	786 QTY	638 QTY	DESCRIPTION
1	E126195	1	1	BUSHING, .688x1.25x1.12
2	E126196	2	2	BUSHING, SPLIT TAP, E 1.75
3	E388049	3	3	KEY, SQ. .50x3.0
4	E706013	-	1	SHEAVE, 3C 7.9 SF BUSHING
4	E706014	1	-	SHEAVE, 2C 7.9 SF BUSHING
5	E706102	-	1	SHEAVE, 3C 12.4 E BUSHING
5	E706112	1	-	SHEAVE, 2C 12.4 SF BUSHING
6	I486801R1	4	4	WASHER, FLAT .531x2.0x.25
7	022920	20	20	WASHER, FLAT .38x.88x.083
8	005200	4	4	WASHER, FLAT .56x1.38x.109
9	005360	6	6	NUT, HEX 1/2-13 G5 ZN
10	012260	2	2	BOLT, HHCS 3/8x1.0 G5 ZN
11	012270	2	2	WASHER, FLAT, .406x1.75x.134
12	254060	30	30	BOLT, CRG. 5/16x1.0 G5 ZN
13	013690	1	1	KEY, SQ. .38x6.50
14	019070	1	1	PIN, COTTER 3/16x1.0 ZN
15	020430	19	35	WASHER, FLAT .69x1.75x.134
16	020440	1	1	WASHER, LOCK 5/8 ZN
17	1124589	1	1	NUT, HEX 5/8-11 G5 ZN
18	020880	20	20	WASHER, FLAT 1.25x1.75x.134
19	021180	4	4	WASHER, LOCK 3/8 ZN
20	021190	2	2	WASHER, FLAT .44x1.0x.083
21	466810	-	1	ARM W/LDT, IDLER #3
22	023620	30	30	WASHER, LOCK 5/16 ZN
23	023630	30	30	NUT, HEX 5/16-18 G5 ZN
24	027260	2	2	NUT, HEX 3/8-16 G5 ZN
25	251030	1	1	GUIDE

DRIVES, IDLERS, & SHIELDS - STEEL FRONT (M380600)

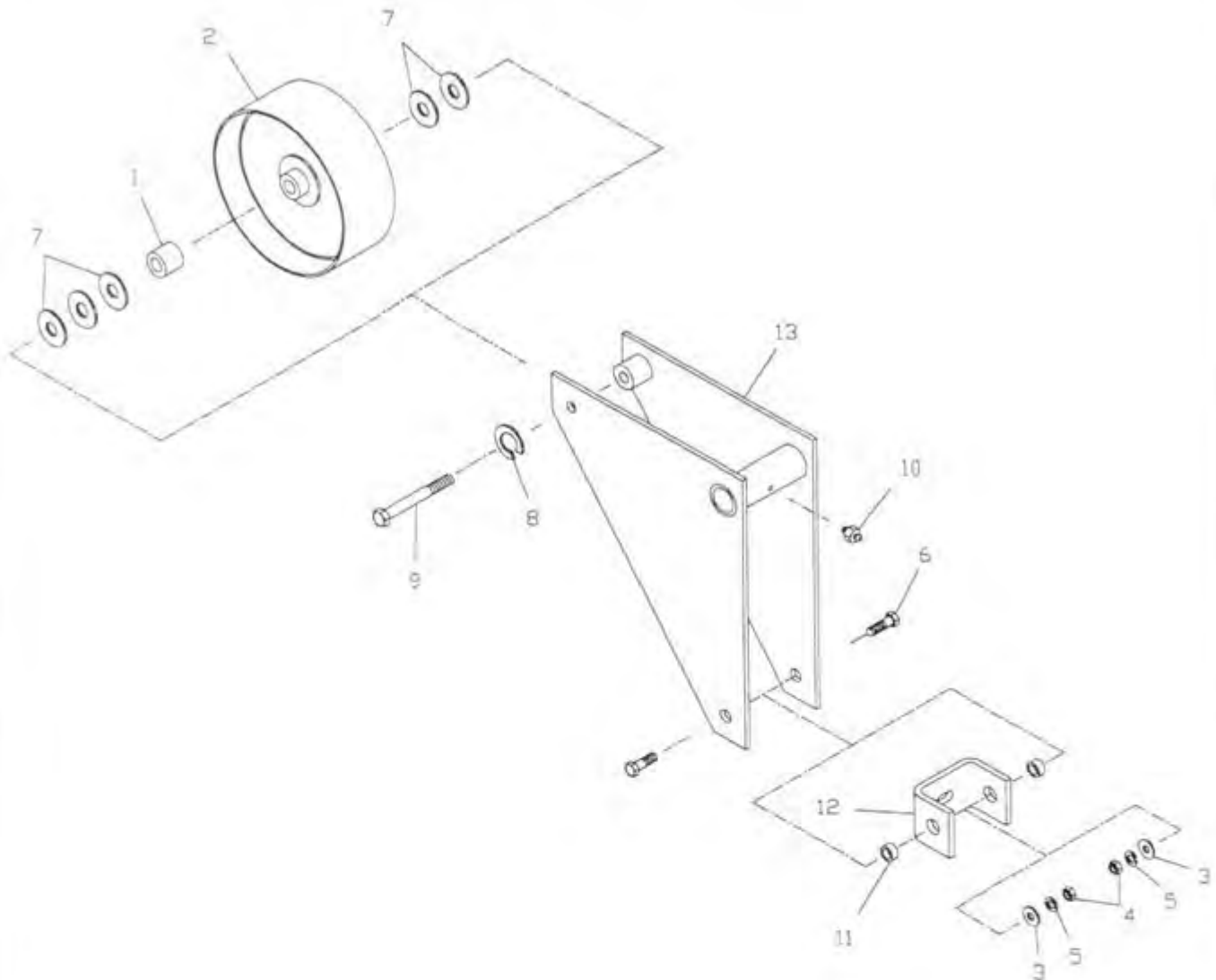
ITEM	PART NUMBER	786 QTY	638 QTY	DESCRIPTION
26	030380	1	1	KEY, SQ. .38x3.0
27	035180	2	2	BOLT, CRG. 3/8x1.25 G5 ZN
28	115590	-	2	ZERK, 1/4-28 DRV THDSTR
28	251220	1	-	BUSHING, SPLIT TAP. SF 2.00
29	056720	-	1	BOLT, HHCS 5/8x4.0 G5 ZN
29	1271729	1	-	BOLT, HHCS 5/8x3.5 G5 ZN
30	114370	1	1	PIN, COTTER 1/4x2.0
31	251020	-	1	GUIDE
31	115590	1	-	ZERK, 1/4-28 TPR DRVTHDSTR
32	380620	-	1	PULLEY, 10 x 3.75 x .62
33	225700	2	2	BUSHING, 2-3/16 SPLIT TPR
34	231000	3	3	SPRING, COMP. 1.62x7.25x.25
35	231050	3	3	SPACER, SPRING 1.0x.64x5.0
36	231060	1	1	ROD WELD, TAKE-UP 19.0
37	231070	1	1	ROD, WELD, TAKE-UP 15.0
38	E706057	1	-	SHEAVE, 4C-12.4 E BUSHING
39	394300	1	1	SHEAVE, 10.4
40	234740	1	1	SHEAVE, 3C-13.4 E BUSHING
41	234750	1	1	SHEAVE, 3C-8.9 E BUSHING
42	234760	1	1	BUSHING, SF 1.75 SPLIT TPR.
43	234770	1	1	POWER BAND BELT, 4HC-84.2
44	234780	1	1	POWER BAND BELT, 3HC-157
45	234810	5	5	COVER, ROTOR SLOT
46	466930	1	1	SHIELD, LEFT REAR
47	466920	1	1	SHIELD, LEFT FRONT
48	466910	1	1	SHIELD, RIGHT
49	234850	1	1	IDLER ASSEMBLY, #1 ROTOR
50	234860	1	1	IDLER ASSEMBLY, #2 ROTOR
51	380630	-	1	IDLER ASSEMBLY, #3 ROTOR
52	225700	-	1	BUSHNG, 2.18 SPLIT TPR TYPE E
52	R66251	1	-	BSHNG, 2.18 SPLIT TPR TYPE SF
53	279520	1	1	ROD, SPRING TAKE-UP.5x23.0
54	380610	-	1	POWER BAND BELT, 3HC-230
54	234790	1	-	POWER BAND BELT, 2HC-230
55	380620	-	1	PULLEY, 8.0x3.25wx.62 B
55	234800	1	-	PULLEY, 8.0x2.0wx.62 B
56	268560	-	1	WASHER, FLAT 5/16-18x1 ZN
56	251020	1	-	GUIDE
57	380640	-	1	BRACKET, BELT RETAINER
57	279530	1	-	BRACKET, BELT RETAINER
58	124350	4	4	PIN, COTTER 1/8x1.50 ZN
59	183330	23	28	DEFLECTER, RUBBER CURTIAN
60	255260	-	2	ROD, 630 SKIRT
60	255260	2	-	ROD, 786 SKIRT
61	-	-	-	ROD, 784 SKIRT
62	235070	1	1	SPACER, 1.62x1.38x5.5
63	035210	5	6	WASHER, FLAT .656x1.31x.095
64	268560	1	-	WASHER, FLAT 17/32 x 1-3/4
65	466830	10	10	ANCHOR, LATCH BOLT-ON
66	223540	10	10	BOLT, HHCS 1/4 x 1-3/4
67	037550	10	10	NUT, 1/4 LOCK
68	1120393	10	10	WASHER, FLAT 5/16 SAE
69	205650	10	10	HOOK, RUBBER

IDLER ASSEMBLY, #1 ROTOR - (M234850)



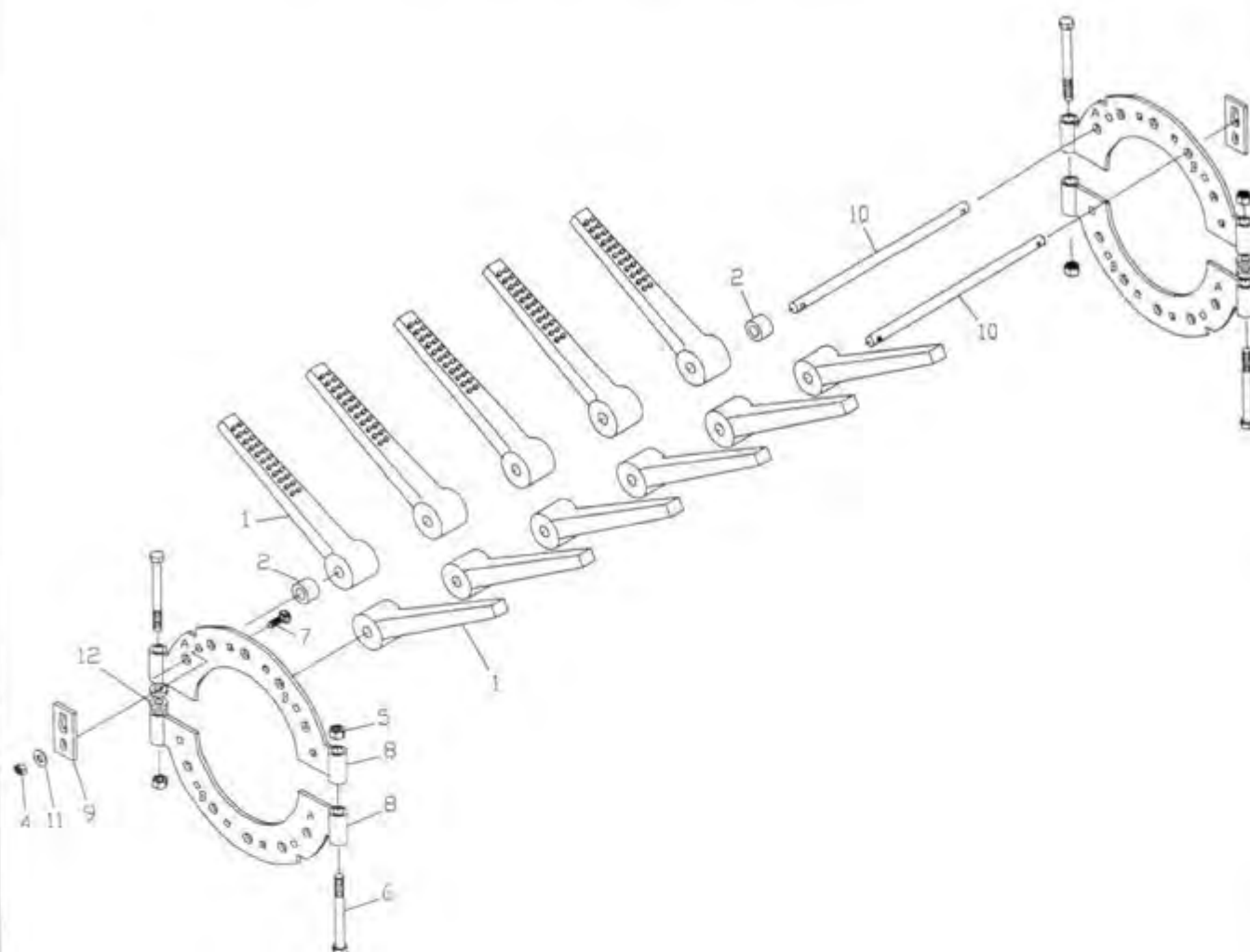
ITEM	PART NUMBER	QTY	DESCRIPTION
1	E126195	1	BUSHING, .68 I.D.x1.25 O.D.x1.12
2	005200	2	WASHER, FLAT .562x1.38x.109
3	005360	2	NUT, HEX 1/2-13 GR5
4	005370	2	WASHER, LOCK 1/2
5	010730	2	BOLT, HHCS 1/2-13x1-1/4 GR5
6	020430	10	WASHER, FLAT .68x1.75x.134
7	020440	1	WASHER, FLAT 5/8
8	031490	1	BOLT, HHCS 5/8-11x5 GR5
9	115590	1	ZERK, 1/4-28 TAPER SELF-TAP
10	231030	2	SPACER, 3/4 O.D.x.38 LONG
11	251010	1	BRACKET, SPRING PIVOT
12	234880	1	BRACKET W/LDT., #1 ROTOR
13	234950	1	SHEAVE, FLAT IDLER 8.25x4.25

IDLER ASSEMBLY, #2 ROTOR - (M234860)



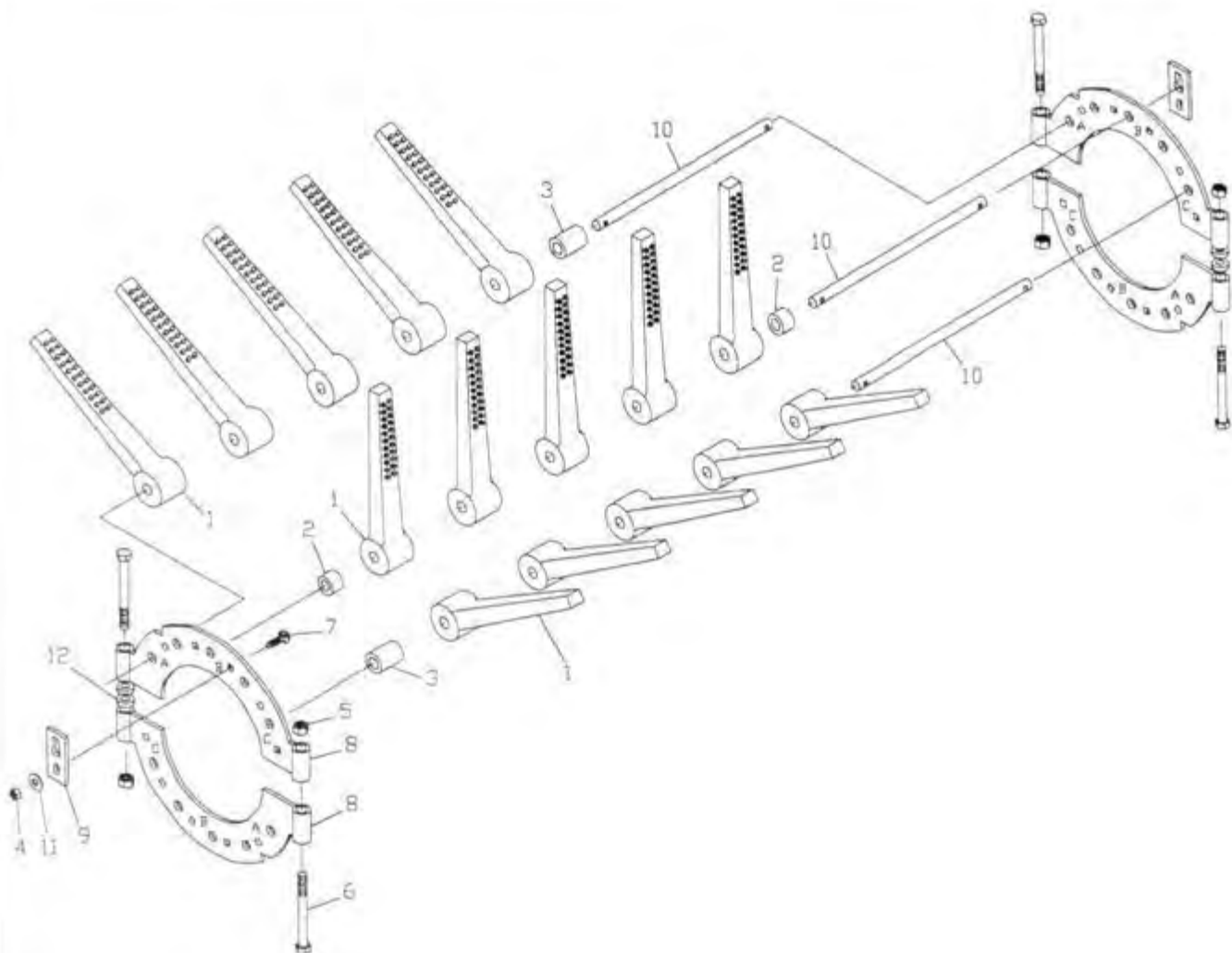
ITEM	PART NUMBER	QTY	DESCRIPTION
1	E126195	1	BUSHING, .68 I.D.x1.25 O.D.x1.12
2	E706098	1	SHEAVE 8 O.D. .62 BORE IDLER
3	005200	2	WASHER, FLAT .562x1.38x.109
4	005360	2	NUT, HEX 1/2-13 GR5
5	005370	2	WASHER, LOCK 1/2
6	010730	2	BOLT, HHCS 1/2-13x1-1/4 GR5
7	020430	5	WASHER, FLAT .68x1.75x.134
8	020440	1	WASHER, FLAT 5/8
9	056720	1	BOLT, HHCS 5/8-11x4 GR5
10	115590	1	ZERK, 1/4-28 TAPER SELF-TAP
11	231030	2	SPACER, .75 O.D.x.38 LONG
12	231040	1	BRACKET, SPRING PIVOT
13	234970	1	ARM WLDT., #2 ROTOR

RUBBER FLAIL CLUSTER ASSEMBLY (12" WIDE, 4 PIN) - (M394240)



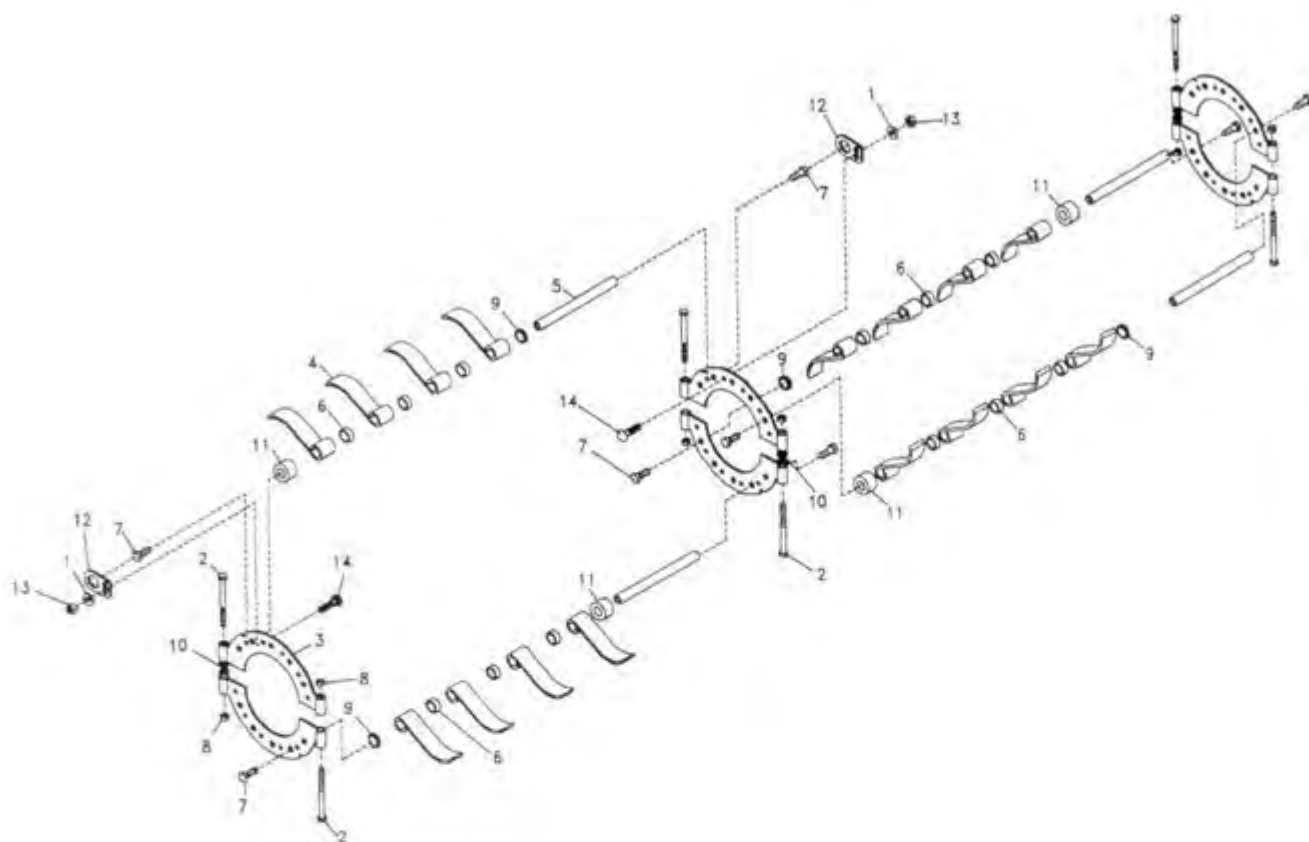
ITEM	PART NUMBER	QTY	DESCRIPTION
1	E278029	22	FLAIL, RUBBER
2	E724311	4	SPACER, RUBBER .88"
3	-	-	-
4	I9411655	8	NUT, TOP-LK 3/8 GS ZN
5	I19696R1	4	NUT, 1/2 LOCK, HEX-NYLON
6	160350	4	BOLT, HHCS 1/2x5.0 GS ZN
7	170530	8	BOLT, CRG 3/8x1.0 GS ZN
8	394210	4	BRACKET WELD, 5/8 PIN
9	383000	8	STRAP, PIN CLUSTER
10	383010	4	PIN, FLAIL 5/8" 12"
11	021190	8	WASHER, FLAT .44x1.00x.083
12	469370	4	WASHER, DEFOLIATOR ROTOR

RUBBER FLAIL CLUSTER ASSEMBLY (12' WIDE, 6 PIN) - (M394230)



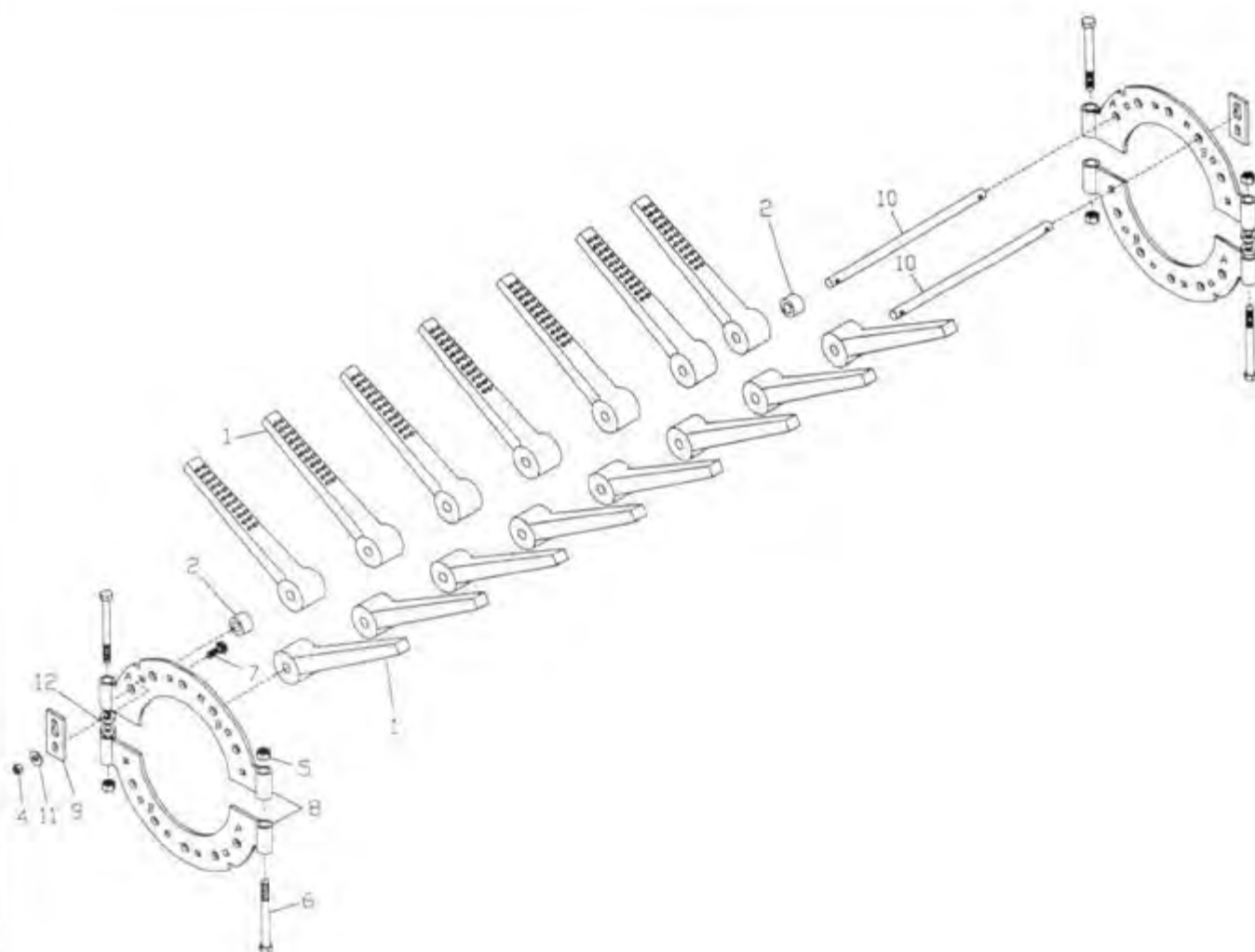
ITEM	PART NUMBER	QTY	DESCRIPTION
1	E278029	30	FLAIL, RUBBER
2	E724311	4	SPACER, RUBBER .88"
3	E724312	4	SPACER, RUBBER 1.75
4	I9411655	12	NUT, TOP-LK 3/8 G5 ZN
5	I19696R1	4	NUT, 1/2 LOCK, HEX-NYLON
6	160350	4	BOLT, HHCS 1/2x5.0 G5 ZN
7	170530	12	BOLT, CRG 3/8x1.0 G5 ZN
8	394210	4	BRACKET WELD, 5/8 PIN
9	383000	12	STRAP, PIN CLUSTER
10	383010	6	PIN, FLAIL 5/8" 12"
11	021190	12	WASHER, FLAT .44x1.00x.083
12	469370	4	WASHER, DEFOLIATOR ROTOR

2 ROW STEEL FLAIL CLUSTER ASSEMBLY, 638 & 786 (M438750)



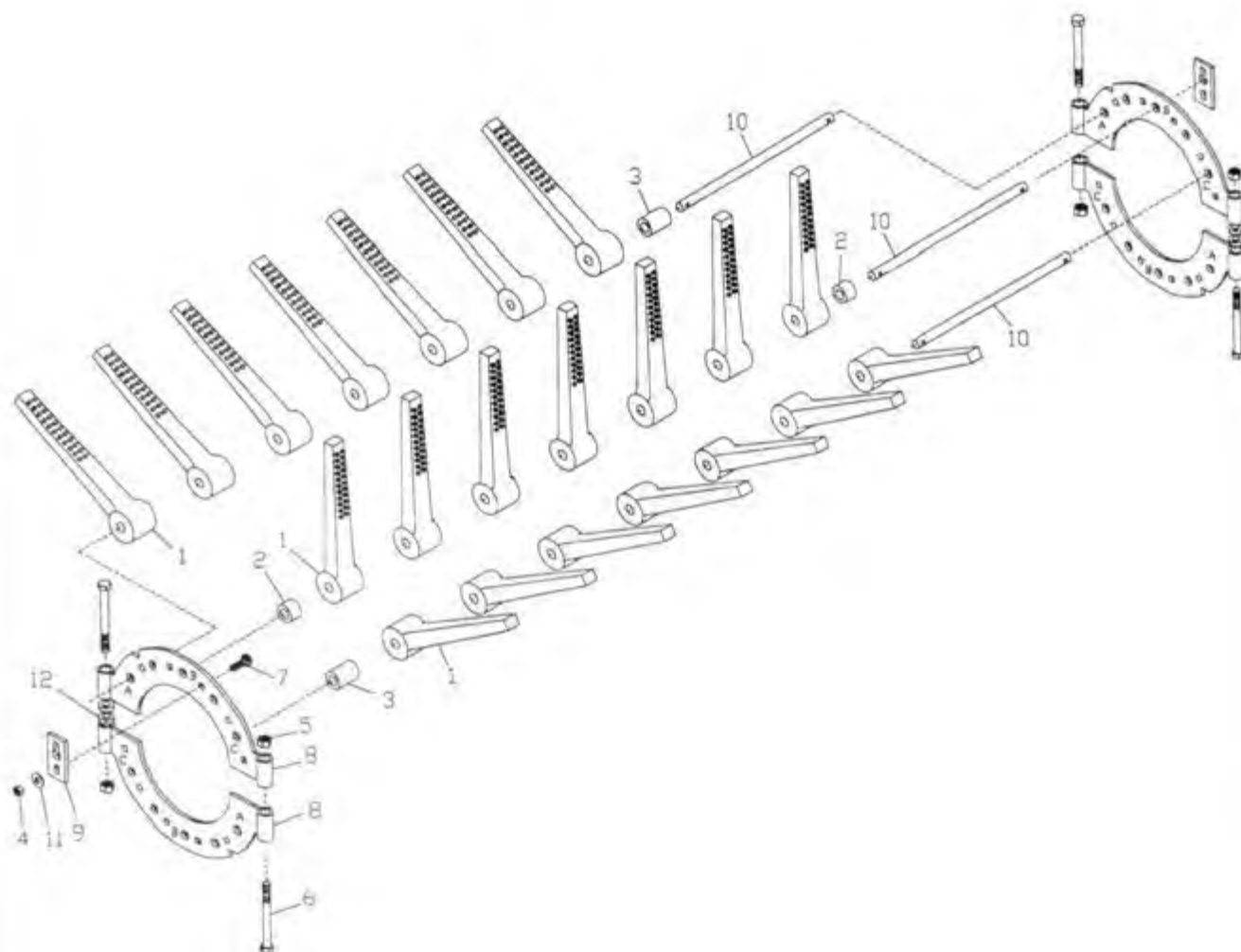
ITEM	PART NUMBER	QTY 638	QTY 786	DESCRIPTION
1	021190	56	44	WASHER, FLAT 3/8
2	160350	30	24	BOLT, HHCS 1/2-13x5.0 GR5 ZN
3	394210	30	24	BRACKET WLDT, FLAIL 5/8" PIN
4	411150	112	88	KNIFE, DEFOLIATOR .312x2.0x8.0
5	394280	28	22	PIN, RND 1"x11.5
6	394290	84	66	SPACER, 1.50x1.06x.625
7	990600	56	44	BOLT, HHCS 5/8-11x1.25 GR5 ZN
8	119696R1	30	24	NUT, LOCK 1/2 HEX-NYLON
9	R41660	28	22	SPACER 1.5 O.D. X 1.06 I.D. X .25
10	469370	30	24	WASHER, DEFOLIATOR ROTOR
11	278970	28	22	SPACER 1.5 O.D. X 1.06 I.D. X 1.0
12	510450	56	44	PLATE, BOLT RETAINER
13	073630	56	44	NUT, 3/8 LOCK
14	387010	56	44	BOLT, 3/8 x 1 CRG

RUBBER FLAIL ASSEMBLY, (16" RUBBER FLAIL, 4-PIN) - (M394260)



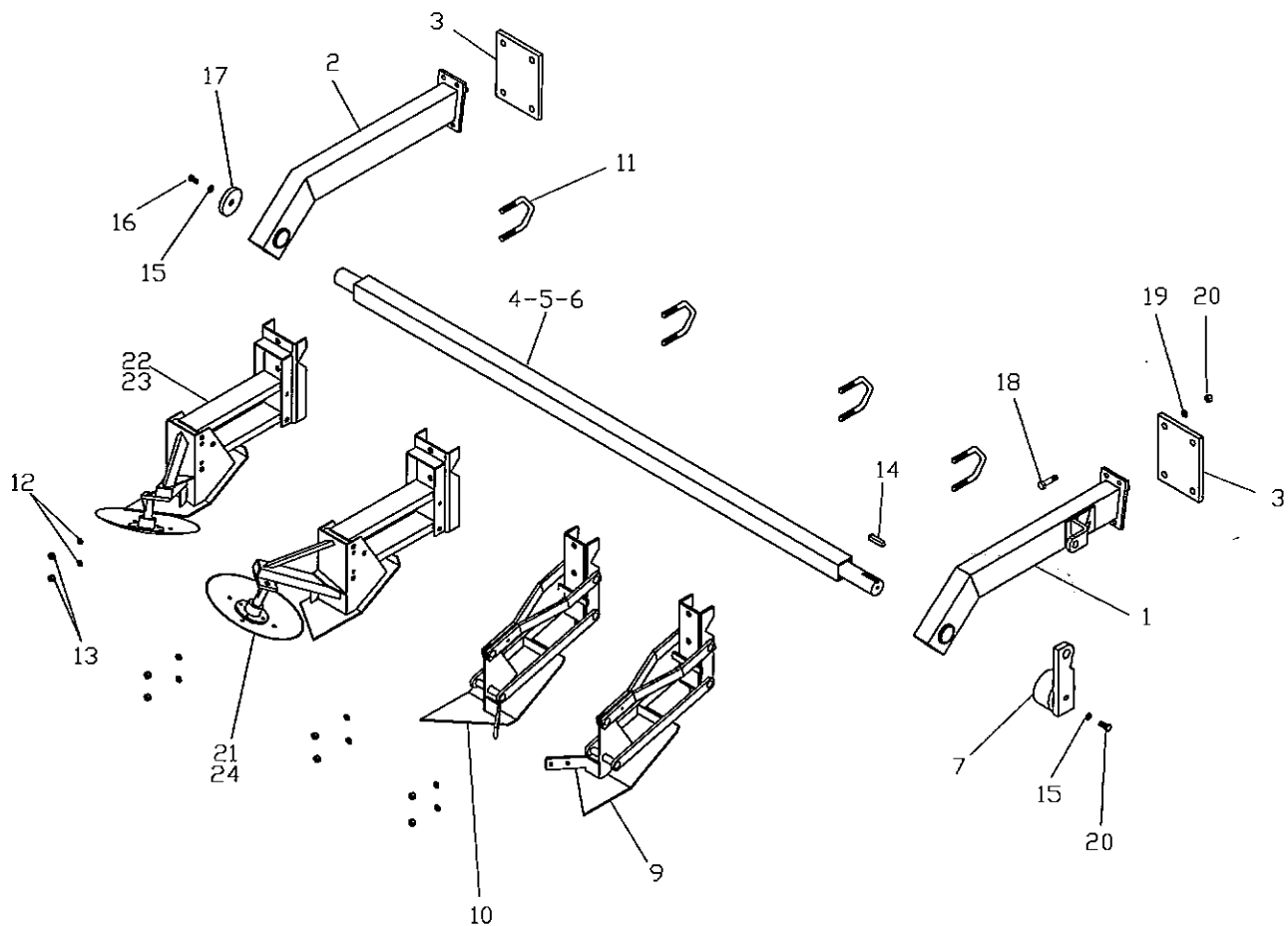
ITEM	PART NUMBER	QTY	DESCRIPTION
1	E278029	30	FLAIL, RUBBER
2	E724311	4	SPACER, RUBBER .88 LONG
3	-	-	-
4	19411655	8	NUT, TOP-LK 3/8 GS ZN
5	119696R1	4	NUT, 1/2 LOCK, HEX-NYLON
6	160350	4	BOLT, HHCS 1/2x5.0 GS ZN
7	170530	8	BOLT, CRG 3/8x1.0 GS ZN
8	394210	4	BRACKET WELD, 5/8 PIN
9	383000	8	STRAP, PIN CLUSTER
10	383020	4	PIN, FLAIL 5/8" 16"
11	021190	8	WASHER, FLAT .44x1.00x.083
12	469370	4	WASHER, DEFOLIATOR ROTOR

RUBBER FLAIL CLUSTER ASSEMBLY, (16" RUBBER FLAIL, 6-PIN) - (M394250)



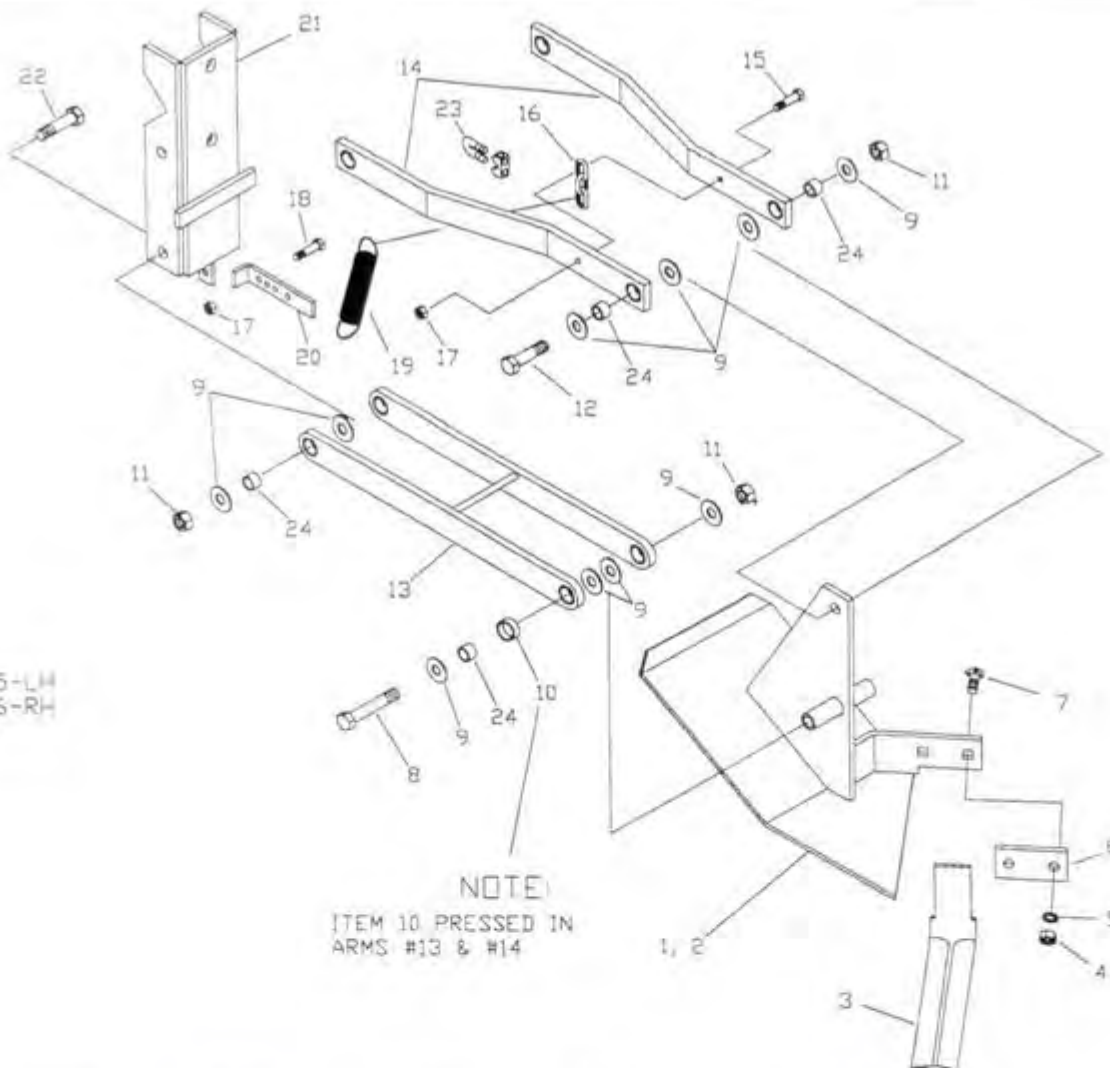
ITEM	PART NUMBER	QTY	DESCRIPTION
1	E278029	42	FLAIL, RUBBER
2	E724311	4	SPACER, RUBBER .88"
3	E724312	4	SPACER, RUBBER 1.75
4	19411655	12	NUT, TOP-LK 3/8 G5 ZN
5	119696R1	4	NUT, 1/2 LOCK, HEX-NYLON
6	160350	4	BOLT, HHCS 1/2x5.0 G5 ZN
7	170530	12	BOLT, CRG 3/8x1.0 G5 ZN
8	394210	4	BRACKET WELD, 5/8 PIN
9	383000	12	STRAP, PIN CLUSTER
10	383020	6	PIN, FLAIL 5/8" 16"
11	021190	12	WASHER, FLAT .44x1.00x.083
12	469370	4	WASHER, DEFOLIATOR ROTOR

SCALPER ATTACHMENT, KNIFE AND DISC VERSIONS



ITEM	PART NUMBER	QTY 784	QTY 786	QTY 638	DESCRIPTION
1	240190	1	1	1	WLDT, SCALPER SUPPORT, RH
2	235920	1	1	1	WLDT, SCALPER SUPPORT, LH
3	E590154	2	2	2	PLATE, CLAMP
4	241970	1	-	-	WLDT, SCALPER BAR, 784A
5	240300	-	1	-	WLDT, SCALPER BAR, 786A
6	255190	-	-	1	WLDT, SCALPER BAR, 638A
7	240200	1	1	1	WLDT, SCALPER LIFT ARM
8	1770500	1	1	1	BOLT, 1/2 x 1-3/4
9	E663016	2	3	4	ASSEMBLY, SCALPER, RH KNIFE
10	E663015	2	3	4	ASSEMBLY, SCALPER, LH KNIFE
11	E840001	4	6	8	U-BOLT, 3/4-10 x 6-1/8 x 4-1/4
12	036800	8	12	16	WASHER, LOCK, 3/4
13	036750	8	12	16	NUT, HEX, 3/4-10
14	240420	1	1	1	KEY, SQ. 5/8 x 2-1/4
15	005370	2	2	2	WASHER, LOCK, 1/2
16	031080	1	1	1	BOLT, 1/2 x 1
17	E829107	1	1	1	WASHER, SPECIAL
18	E672446	8	8	8	BOLT, 5/8 x 7
19	020440	8	8	8	WASHER, LOCK, 5/8
20	I124589	8	8	8	NUT, HEX, 5/8
21	462320	2	3	4	ASSEMBLY, SCALPER, RH DISC
22	462310	2	3	4	ASSEMBLY, SCALPER, LH DISC
23	510410	2	3	4	ASSY, MECH DISC (2001) LH
24	510420	2	3	4	ASSY, MECH DISC (2001) RH

MECHANICAL KNIFE SCALPER ASSEMBLY

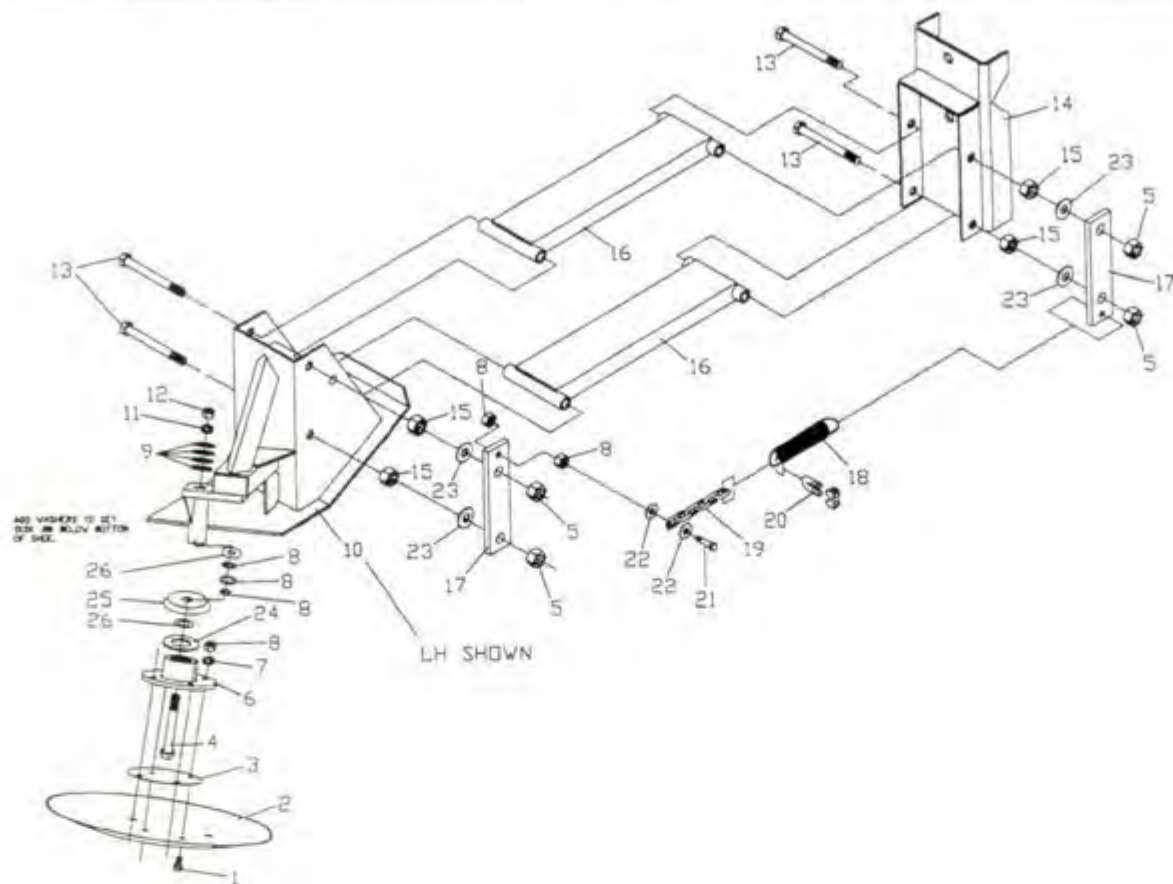


663015-LH
663016-RH

NOTE
ITEM 10 PRESSED IN
ARMS #13 & #14

ITEM	PART NUMBER	QTY 663015	QTY 663016	DESCRIPTION
1	E698009	-	1	WLDT, SCALPER SHOE LH (SHOWN)
2	E698010	1	-	WLDT, SCALPER SHOE RH
3	E392001	1	1	KNIFE, SCALPER
4	005360	2	2	NUT, HEX, 1/2-13
5	005370	2	2	WASHER, LOCK, 1/2
6	E174016	1	1	PLATE, CLAMP
7	991200	2	2	BOLT, CRG, 1/2-13 x 2
8	242600	1	1	BOLT, 5/8-11 x 7-1/2
9	035210	16	16	WASHER, FLAT, 5/8
10	240330	8	8	BUSHING, INCLUDED IN #13 & #14
11	E552046	6	6	NUT, HEX, LOCK, 5/8-11
12	990560	1	1	BOLT, 5/8-11 x 3
13	E036073	1	1	ARM, LOWER
14	E402906	2	2	ARM, UPPER
15	009800	1	1	BOLT, 5/16-18 x 2-1/2
16	240360	1	1	CHAIN, 3-LINKS
17	025670	2	2	NUT, HEX, LOCK, 5/16-18
18	005900	1	1	BOLT, 5/16-18 x 1
19	E738016	1	1	SPRING
20	240290	1	1	BAR, SPRING TAKE-UP
21	240310	1	1	WLDT, CLAMP
22	990620	4	4	BOLT, 5/8-11 x 2
23	355340	1	1	CLIP, 1/4" WIRE ROPE w/NUTS
24	242330	8	8	BUSHING, 7/8 OD x 21/32 x 19/32 LG

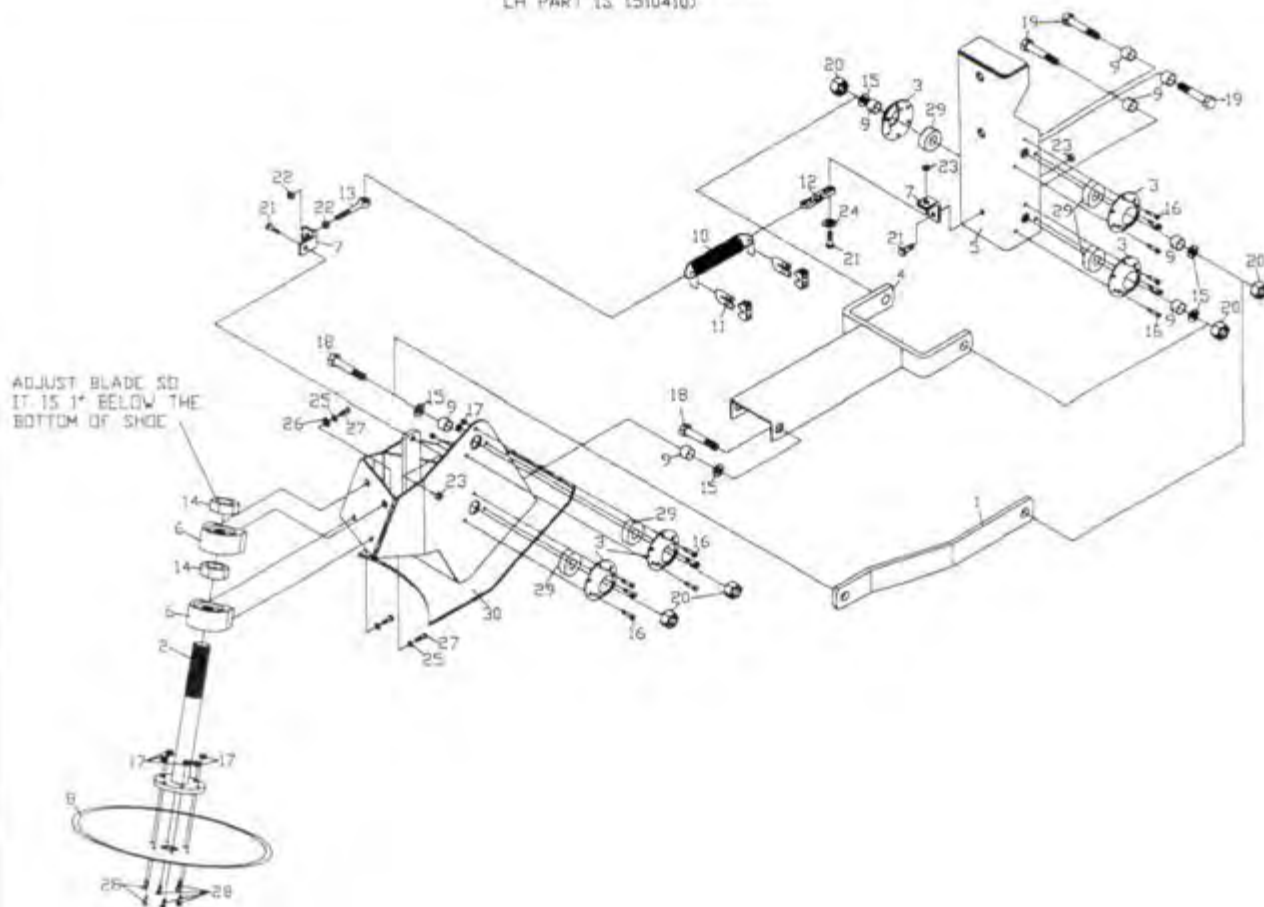
DISC SCALPER ASSEMBLY, MECHANICAL - (M462310)



ITEM	PART NUMBER	QTY	DESCRIPTION
1	012260	4	BOLT, HHCS, 3/8-16 X 1 GR5 ZN
2	E232011	1	DISK
3	446460	1	PLATE, BEARING COVER
4	990980	1	BOLT, HHCS, 3/4-10X7-1/2 GR5
5	I124589	4	NUT, HEX 5/8-11 GR. 5
6	462540	1	HUB ASSEMBLY
7	021180	4	WASHER, LOCK, 3/8
8	027260	6	NUT, HEX, 3/8-16 GR5 ZN
9	990710	4	WASHER, FLAT, 3/4 STD
10	462530	1	MOUNT, DISK WLDT LH
10	462520	1	MOUNT, DISK WLDT RH
11	036800	1	WASHER, LOCK, 3/4 SAE
12	J14H794	1	NUT, HEX, 3/4-16 GR5 ZN
13	262620	4	BOLT, HHCS, 5/8-11X8 GR5 ZN
14	462330	1	CLAMP WELD.
15	I19508R1	4	NUT, LOCK, 5/8 NYLON GR5 ZN
16	439250	2	PIVOT ARM, W/BUSHING
17	457480	2	BRACKET, SPRING
18	E738016	1	SPRING
19	462560	1	CHAIN, 6 PITCHES
20	355340	1	CLAMP, CABLE
21	018150	1	BOLT, HHCS 3/8-16 X 1-3/4
22	021190	2	WASHER, 3/8" FLAT
23	020430	4	WASHER, 5/8" FLAT
24	479640	1	WASHER, FELT
25	479630	1	COVER, FORMED
26	480470	3	WASHER, SHIM
27	501850	1	O-RING, DASH 210
28	I366112R1	1	WASHER, FLAT, 25/32 X 1-1/4
29	E126057	1	BUSHING, 3/4 ID X 14 GA.

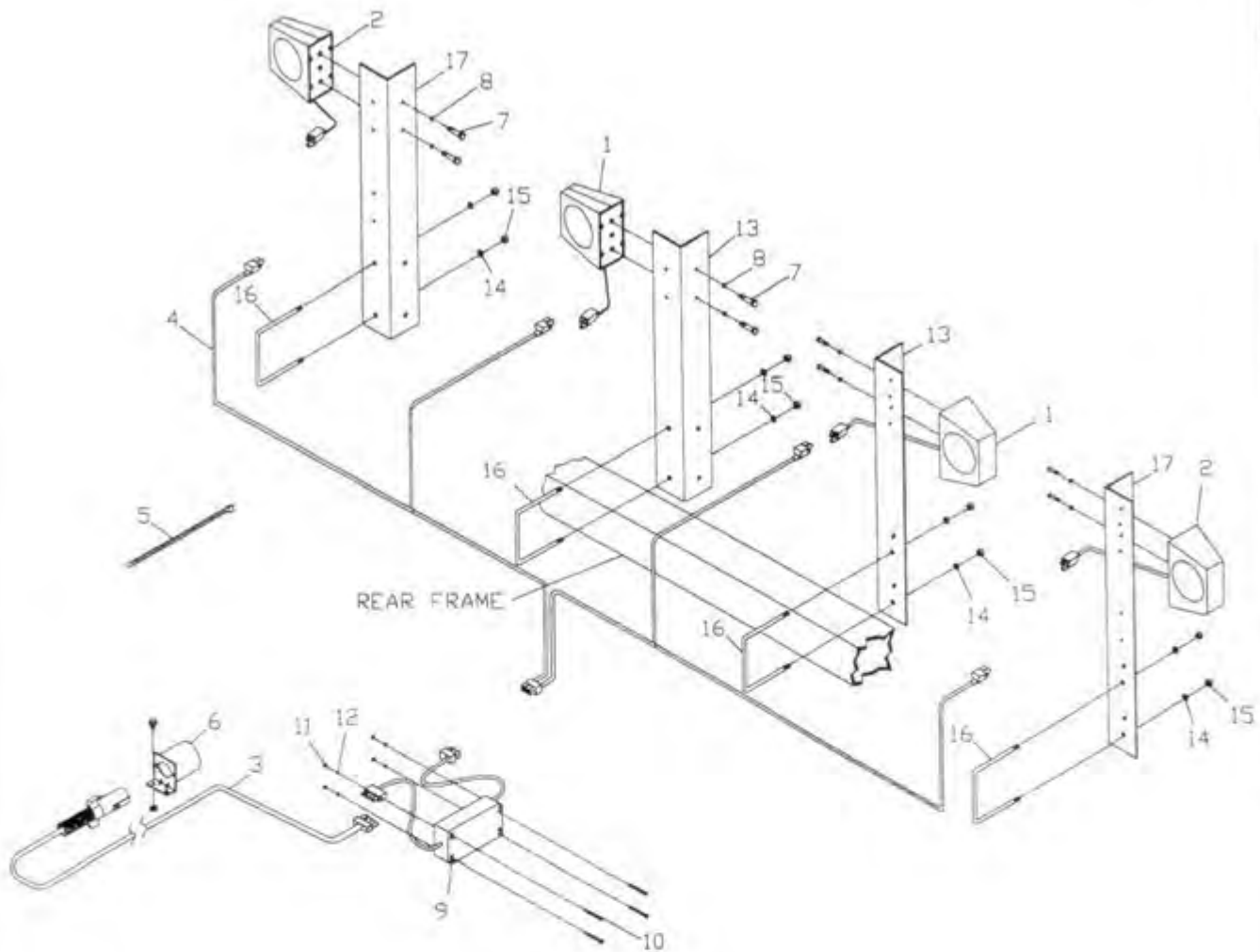
2001 DISC SCALPER ASSEMBLY, MECHANICAL - (M510420)

RH HAND IS SHOWN (510420)
LH PART IS (510410)



ITEM	PART NUMBER	QTY	DESCRIPTION
1	510250	1	BAR, ARM
2	510330	1	SHAFT WLDT
3	510570	6	HUB, BEARING HOUSING
4	510390	1	CHANNEL WLDT
5	510540	1	BRACKET WLDT
6	510550	2	BEARING, 1-1/4" BORE
7	510440	2	ANGLE, SPRING MOUNT
8	510430	1	DISC, 14" CONCAVE
9	013480	9	SPACER
10	E738016	1	SPRING, EXT
11	355340	2	CLAMP, SPRING
12	240360	1	CHAIN, 3-LINKS
13	138130	1	EYE BOLT, 3/8
14	TG0676	2	NUT, 1-14 JAM
15	1131017	AR	WASHER, FLAT, 3/4" SAE
16	012051	18	BOLT, 1/4 x 3/4
17	037550	24	NUT, 1/4 NYLOC
18	990860	3	BOLT, 3/4 x 2-3/4
19	990830	3	BOLT, 3/4 x 3-1/2
20	1100238	6	NUT, 3/4 NYLOC
21	006690	3	BOLT, 3/8 x 1-1/4
22	027260	2	NUT, 3/8
23	073630	3	NUT, 3/8 NYLOC
24	021190	1	WASHER, 3/8 FLAT
25	023990	4	WASHER, 7/16 LOCK
26	P99549	2	WASHER, 7/16 FLAT
27	128000	4	BOLT, 7/16 x 1
28	206070	6	BOLT, 1/4 x 1-1/4
29	510580	6	BEARING, 3/4" BORE
30	510400	1	SHOE WLDT, RH
30	510380	1	SHOE WLDT, LH

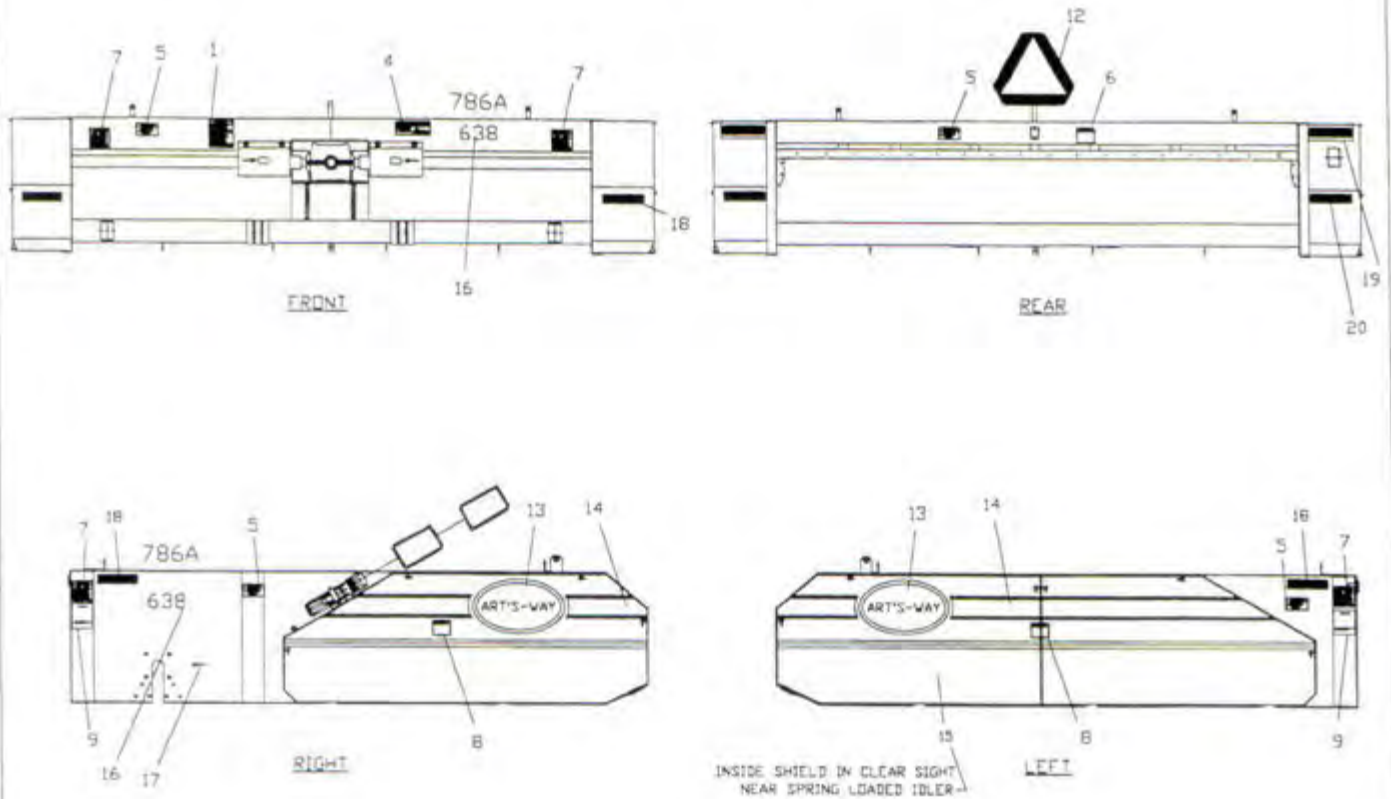
ROAD HAZARD LIGHTS ASSEMBLY - (M477991)



ITEM	PART NUMBER	QTY	DESCRIPTION
1	476520	2	LAMP ASSEMBLY, RED TAIL LIGHT
2	476510	2	LAMP ASSEMBLY, AMBER HAZARD LIGHT
3	476570	1	HARNESS, PRIMARY SAFETY LIGHTS, 30'
4	476560	1	HARNESS, WISHBONE
5	149670	6	TIE, CABLE
6	JPT1296	1	BRACKET, STORAGE
7	012051	8	BOLT, HHCS 1/4-20 x 3/4"
8	023620	8	WASHER, LOCK 5/16
9	476540	1	CONVERTER, AG SAFETY LIGHT
10	476640	4	BOLT, HEX SLOT MACHINE #10-24 x 1-1/2"
11	120590	4	NUT, HEX #10
12	120600	4	WASHER, LOCK #10
13	477910	2	ANGLE, SAFETY LIGHT MOUNTING
14	021180	8	WASHER, LOCK 3/8"
15	027260	8	NUT, HEX 3/8-16
16	477920	4	BOLT, U 3/8-16 x 7-1/16 x 6
17	477890	2	ANGLE, SAFETY LIGHT MOUNTING

SAFETY DECAL, DECAL LOCATION - (M475910)

786-638 DEFOLIATER



ITEM	PART NUMBER	QTY 786	QTY 638	DESCRIPTION
1	368040	1	1	DECAL, CAUTION SAFETY INSTRUCTIONS
2	-	-	-	-
3	-	-	-	-
4	467460	1	1	DECAL, CAUTION HITCHING INSTRUCTIONS
5	467420	4	4	DECAL, WARNING DON'T STAND/RIDE
6	346310	1	1	DECAL, WARNING HIGH PRESSURE
7	467450	4	4	DECAL, WARNING MOVING PARTS
8	467430	2	2	DECAL, DANGER SHIELD MISSING
9	467400	2	2	DECAL, WARNING FLYING OBJECTS
10	-	-	-	-
11	268860	1	1	DECAL, ROTATING DRIVE LINE (ON PTO)
12	E224138	1	1	DECAL, SMV
13	355450	2	2	DECAL, ART'S-WAY LOGO 20"
14	355460	14'	14'	DECAL, STRIPE GOLD METALLIC
15	279550	2	2	DECAL, IMPORTANT IDLER SPRING
16	475920	-	2	DECAL, 638 MODEL
16	356170	2	-	DECAL, 786A MODEL
17	146670	10	10	DECAL, LUBE ARROW
18	476470	2	2	TAPE, RED-ORANGE FLOURESCENT
19	476450	2	2	TAPE, RED RETROREFLECTIVE
20	476460	4	4	TAPE, YELLOW RETROREFLECTIVE

SPECIFICATIONS

786-4 Row 28" or 30" Row Spacing
786-6 Row 22" or 24" Row Spacing
638-6 Row 28" or 30" Row Spacing

Constant Velocity PTO	Standard Equipment	
Operating PTO Speed:	1000 RPM	
Tractor Requirements:	130-140 HP	
Drives:	Heavy Duty 1:1.5 Ratio	
Gearbox:	C-Section-Power Band	
Belts:	Spring Loaded	
Belt Tighteners:		
Rear Wheels:	Dual Fixed or Steerable, Height Adjustable	
Tires:	7.60-15 Ground Drive (4)	
Top Cover & Rear Drop:	Heavy Duty Belting (Between Rotor & Tires)	
Row Spacing:	786	638
	4-28" or 30" 6-22" or 24"	6-28" or 30"
Inside Width:	11'10"	14'8"
Operating Dimensions:	43"H x 14'3"W	43"H x 17'1"W
W/O Scalpers:	16'-6"L	16'6"L
W/Knife Scalpers:	20'-6"L	20'6"L
Shipping Dimensions:		
34"H x 11'6" x	14'3"W	17'1"W
Weight (Approx.):	5300 lbs.	6300 lbs.
Rotors – (See price list for combinations available)		
Height Adjustment:	Lift Cylinder in Front (not provided), Screw Jack at Wheels in Rear	
Drive Shields:	Designed for One Man Removal	

OPTIONS

Steel or Rubber Flails on Front or #1 Rotor

Scalper Attachment – Knife or Ground Driven Disc

Fixed or Steerable Rear Wheels

Cluster Width (see price list for choices available)