

ARTS-WAY

MODEL 475

GRINDER MIXER

PARTS MANUAL

ART'S-WAY MANUFACTURING CO., INC.
ARMSTRONG, IOWA 50514
(712) 864-3131

212370 (K)

1091

WORK SAFELY - FOLLOW THESE RULES

A CAREFUL OPERATOR IS THE BEST INSURANCE AGAINST AN ACCIDENT



CAUTION! Before handling ANY equipment, READ the OPERATOR'S MANUAL.

Misuse or modification of this machine can cause:

- mechanical breakdown,
- property damage,
- injury or death.

Always use proper safety precautions. Tell your workers how to work safely.

BEFORE OPERATING

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

Make sure that all safety shields, including the tractor power take-off master shield, are in place and properly secured before operating the machine.

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

After servicing, be sure that all tools, parts or servicing equipment are removed from the machine.

Make sure that there is no one near the machine before starting it.

Be sure the tractor power take-off is disengaged before starting the tractor engine.

DURING OPERATION

Shut off the tractor engine, put key in pocket, and be sure to wait until all rotation has come to a complete stop before opening any covers, adjusting, cleaning, or lubricating.

Do not attempt to remove any obstructions from the auger or belts while the machine is running.

Do not open any covers and expose the rotor or belts while they are rotating.

Keep hands, feet and clothing away from moving parts.

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

Always disengage the auger feeder before transporting.

Shut off the tractor engine and wait for all moving parts to stop before making any adjustments.

Be careful when ascending or descending the ladder. Wet shoes or boots are slippery.

Hydraulic fluid escaping under pressure can have enough force to penetrate the skin. Hydraulic fluid may also infect a minor cut or opening in the skin. If injured by escaping fluid, see a doctor at once. Serious infection or reaction can result if medical treatment is not given immediately. Make sure all connections are tight and that hoses and lines are in good condition before applying pressure to the system. Relieve all pressure before disconnecting the lines or performing other work on the hydraulic system. To find a leak under pressure use a small piece of cardboard or wood: Never use hands.

TRANSPORTING

Always use the safety chain and secure safely.

Tow at a maximum of 10 M.P.H. over rough roads and when going down inclines.

Maximum towing speed - 20 M.P.H.

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

Always use SMV (slow moving vehicle) emblem.

For daytime and nighttime, accessory light and devices should be used for adequate warning to operators of other vehicles.

Comply with your state and local laws governing highway safety, and with regulations when moving machinery on a highway.

Check clearances carefully wherever machine is towed.

TO THE OWNER

This Art's-Way unit is another one of the fine products made and the purpose of this manual is to assist you in realizing the benefits you anticipated when you purchased this unit. Many people have contributed to the production of this product. They all have an interest in its successful performance and we are providing the operators manual to give you the benefit of the experience we have gained through years of building and testing this equipment. The way you operate and the care you give this unit will have much to do with the successful performance of this unit. The operators manual has been carefully prepared and illustrated to make it as easy as possible for you in the operation of your unit. It will pay you to read the entire manual carefully and familiarize yourself with all operations "before operating" this unit. Keep this manual handy for reference. We will be glad to answer any questions you may have. For further information call or write Art's-Way Manufacturing Co., Inc. (712) 864-3131, Armstrong, IA 50514.

LIMITED WARRANTY

The **ART'S-WAY MANUFACTURING CO., INC.** warrants products sold by it 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:

(1) **ART'S-WAY MANUFACTURING CO., INC.'S** 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.

(2) 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.**

(3) **ART'S-WAY MANUFACTURING CO., INC.'S** 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.

(4) Transportation or shipping to an authorized dealer for necessary repairs is at the expense of the purchaser.

(5) **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.'S LIABILITY IS LIMITED TO THE TERMS SET FORTH IN THIS WARRANTY AND DOES NOT INCLUDE ANY LIABILITY FOR DIRECT, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR EXPENSE OF DELAY AND THE COMPANY'S LIABILITY IS LIMITED TO REPAIR OR REPLACEMENT OF DEFECTIVE PARTS AS SET FORTH HEREIN IN THE WARRANTY.**

(6) Any improper use, including operation after discovery of defective or worn parts, operation beyond rated capacity, substitution or 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.**

(7) 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.

(8) Some states do not allow limitations on how long an implied warranty lasts or exclusions of or limitations on relief such as incidental or consequential damages so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

ACCIDENTS can be prevented

A large number of accidents can be prevented by the operator anticipating the result before it happens and doing something about it. No power-driven equipment can be safer than the man at the controls.

The manufacturer is striving to make the equipment safe, but one careless act by the operator can void all such efforts.

The best kind of a safety device is a careful operator. **BE THAT KIND OF AN OPERATOR**, as no accident-prevention program can be a success without the co-operation of the operator of the equipment.

INFORMATION FOR ORDERING PARTS

OWNERS NAME _____

ADDRESS _____

DEALERS NAME _____

ADDRESS _____

SERIAL NUMBER _____

DATE PURCHASED _____

A Careful Operator

IS THE BEST INSURANCE

AGAINST AN ACCIDENT

National Safety Council

Art's-Way reserves the right to make changes or add improvements to its products at any time without incurring any obligation to make such changes to products manufactured previously. Art's-Way, or its dealers, accept no responsibility for variations which may be evident in the actual specifications of its products and the statements and descriptions contained in this publication.

THE IMPORTANCE OF ADEQUATE PARTS AND SERVICE

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

1. ORIGINAL QUALITY
2. AVAILABILITY OF SERVICE PARTS
3. AVAILABILITY OF ADEQUATE SERVICE FACILITIES

In many cases the machine becomes the only means of performing certain tasks that must be done in a limited period of time. Wear and even breakage of parts are to be expected due to operating conditions. However, the user can still be assured of getting his work done on time if service parts and adequate service facilities are available.

Foresighted Art's-Way dealers make every effort to provide good service and maintain a completely adequate stock of service parts.

INTRODUCTION

This manual contains a list of service parts for the Model 475 Grinder-Mixer unit. This manual does not replace any other manual.

The parts lists are divided into groups or units and consist of:

- A. Description of units.
- B. Exploded views of units.
- C. List of individual service parts and assemblies keyed to the exploded views for easy identification.
- D. Description of service parts, with information as needed to cover years used, supersedence, optional notations, serial number (if any), etc.
- E. Quantity, where necessary, of each individual part used in the unit.

Hardware must be ordered separately as they are not component parts of the pieces they attach.

GENERAL INFORMATION

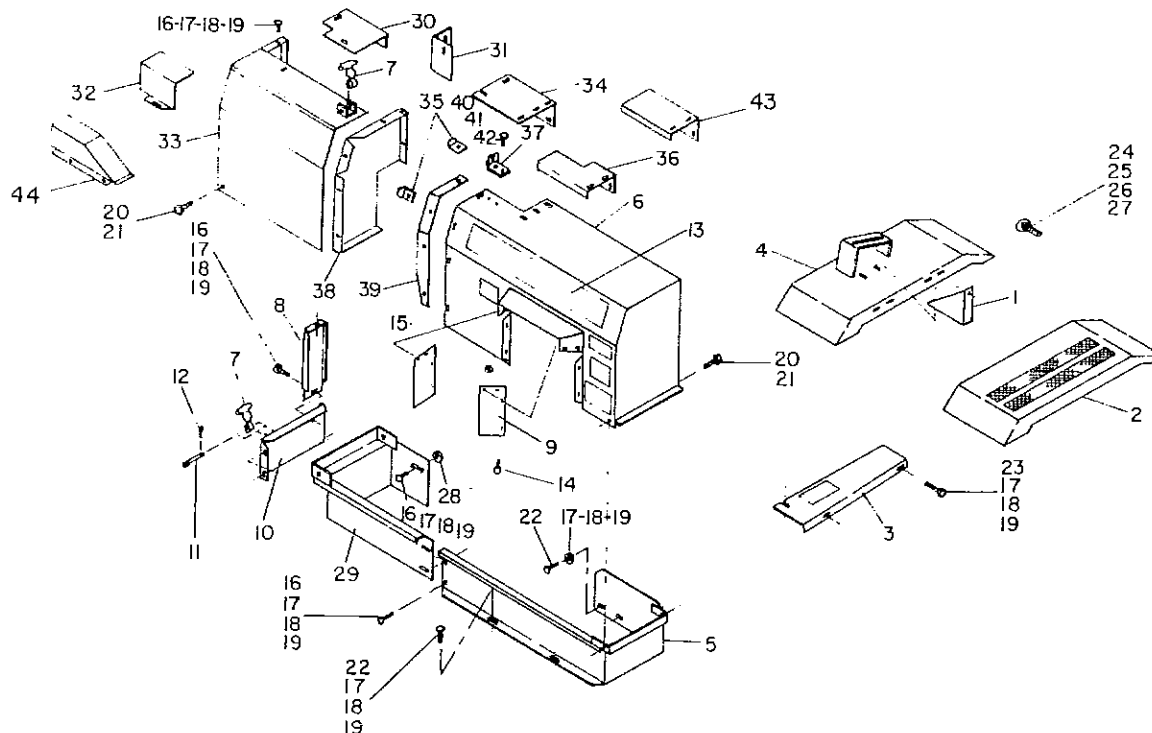
1. Unless otherwise specified, high-strength SAE 5 (3 radial-line head markings) hex head cap screws are used throughout this manual.
2. Whenever the terms "Left" and "Right" are used it should be understood to mean from a position behind and facing the machine.
3. Consult the Model 475 Operator's Manual (Part No. 212380) for information pertaining to the general operation of your portable Grinder-Mixer unit.
4. When placing a parts order, be sure to consult this manual for proper parts number.

NOTES

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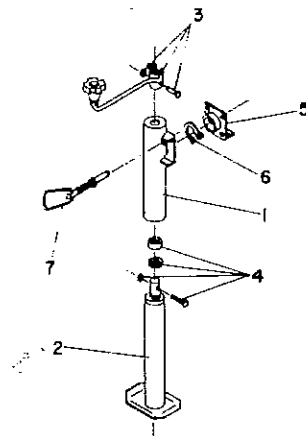
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SHIELDS AND FENDERS



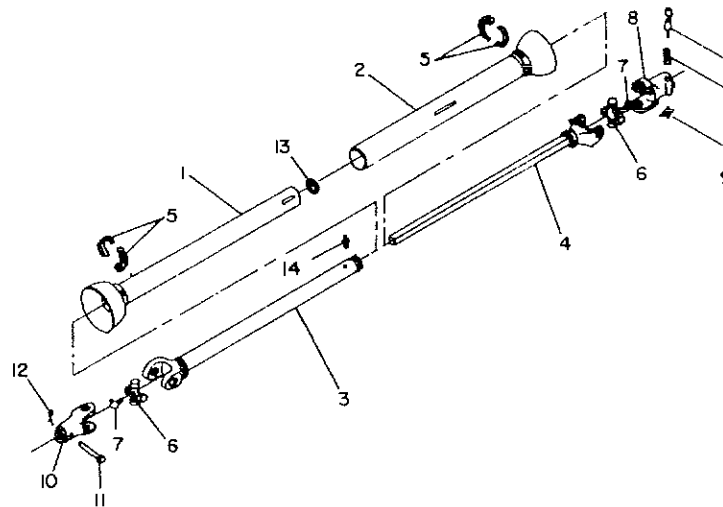
ITEM	PART NUMBER	QTY	DESCRIPTION
1	015210	1	FENDER SUPPORT
2	021470	1	FENDER WELD, LEFT
3	145610	1	SHIELD, JACKSHAFT
4	205610	1	FENDER WELD, RIGHT
5	205620	1	BASE WELD, MAIN
6	275020*	1	SHIELD WELD, MAIN
7	205650	1	HOOK, RUBBER
8	205660	1	FILLER, LOWER RIGHT
9	247950*	2	FILLER, RUBBER
10	205680	1	BASE WELD, RIGHT END
11	215800	-	PIN, CLEVIS 1/4" x 1-5/8"
12	116820	-	PIN, COTTER 1/16" x 3/4"
13	-	1	DECAL SET, MAIN 475 (see page 44)
14	021240*	-	SCREW, TRUSS HD 1/4" x 1/2"
15	023270*	-	NUT, LOCK 1/4"
16	012410	-	BOLT, SQ NK CARR 5/16" x 3/4"
17	022920	-	WASHER, FLAT 5/16"
18	023620	-	WASHER, LOCK 5/16"
19	023630	-	NUT, HEX 5/16"
20	012260	-	BOLT, HHCS 3/8" x 1"
21	023060	-	NUT, LOCK 3/8"
22	032970	-	BOLT, SQ NK CARR 5/16" x 1"
23	005900	-	BOLT, HHCS 5/16" x 1"
24	005390	-	BOLT, SQ NK CARR 1/2" x 1"
25	005370	-	WASHER, LOCK 1/2"
26	005360	-	NUT, HEX 1/2"
27	005200	-	WASHER, FLAT 1/2"
28	023260	-	WASHER, FLAT 5/16"
29	213950	1	BASEWELD, R. EXT MECH. A.F.
30	214000	1	FILLER, NO ROLL FEED
31	214010	1	FILER, TOWER NO R.F.
32	214100	1	SHIELD EXTENSION
33	213970	1	WRAPPER WELD, MECH. A.F.
34	214080	1	FILLER, TOP NO MECH. DRIVE
35	213940	2	TAB, SHIELD
36	213670	1	FILLER, TOWER AREA MECH. A.F.
37	E104310	1	BRACKET, HOOK
38	205800	1	END, SHIELD RIGHT NO MECH.
39	213200	1	FILLER, CENTER
40	991120	-	SCREW, RDHD MACH. #10 x 3/4"
41	120600	-	WASHER, LOCK #10
42	120590	-	NUT, HEX #10
43	215650	1	FILLER, MN SHIELD MECH. R.F., NO A.F.
44	215660	1	FILLER, SHILED EXT MECH. R.F., NO A.F.
45	275030	1	SHIELD, MAIN (SERVICE) (* INCLUDES THESE PARTS)

JACK ASSEMBLY



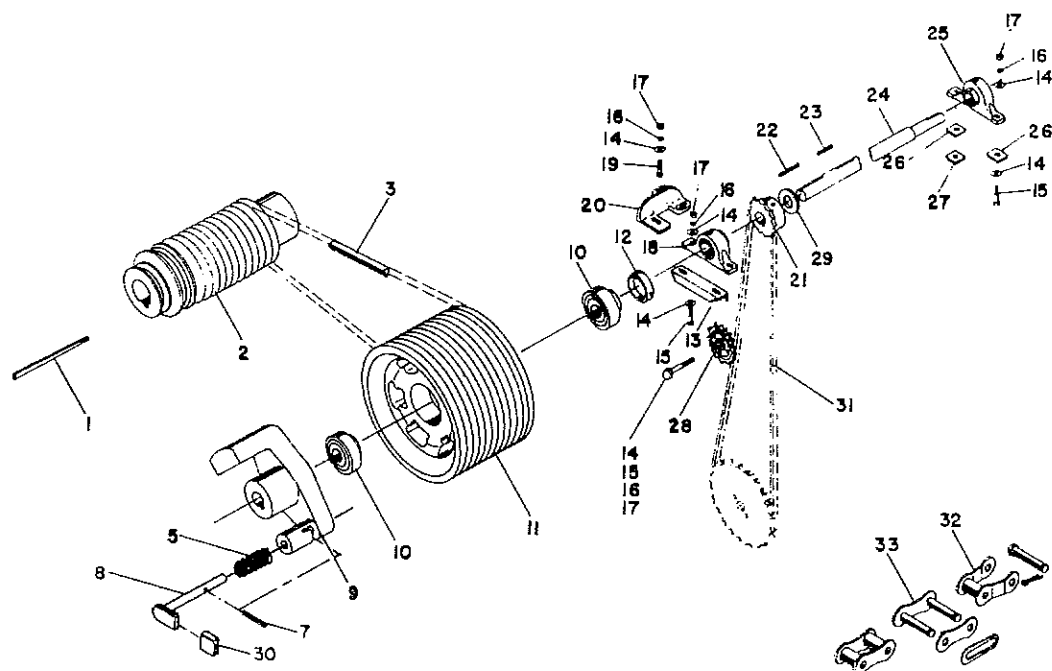
ITEM	PART NUMBER	QTY	DESCRIPTION
1	040440	1	JACK ASSY COMPLETE
2	040370	1	OUTER TUBE ASSEMBLY
3	151630	1	INNER TUBE ASSEMBLY
4	151640	1	CRANK ASSEMBLY
5	040300	1	THRUST WASHER ASSY, KIT
6	040290	1	SWIVEL BRACKET
7	151650	1	RETAINING RING
		1	PLUNGER ASSEMBLY

POWER SHAFT ASSEMBLY



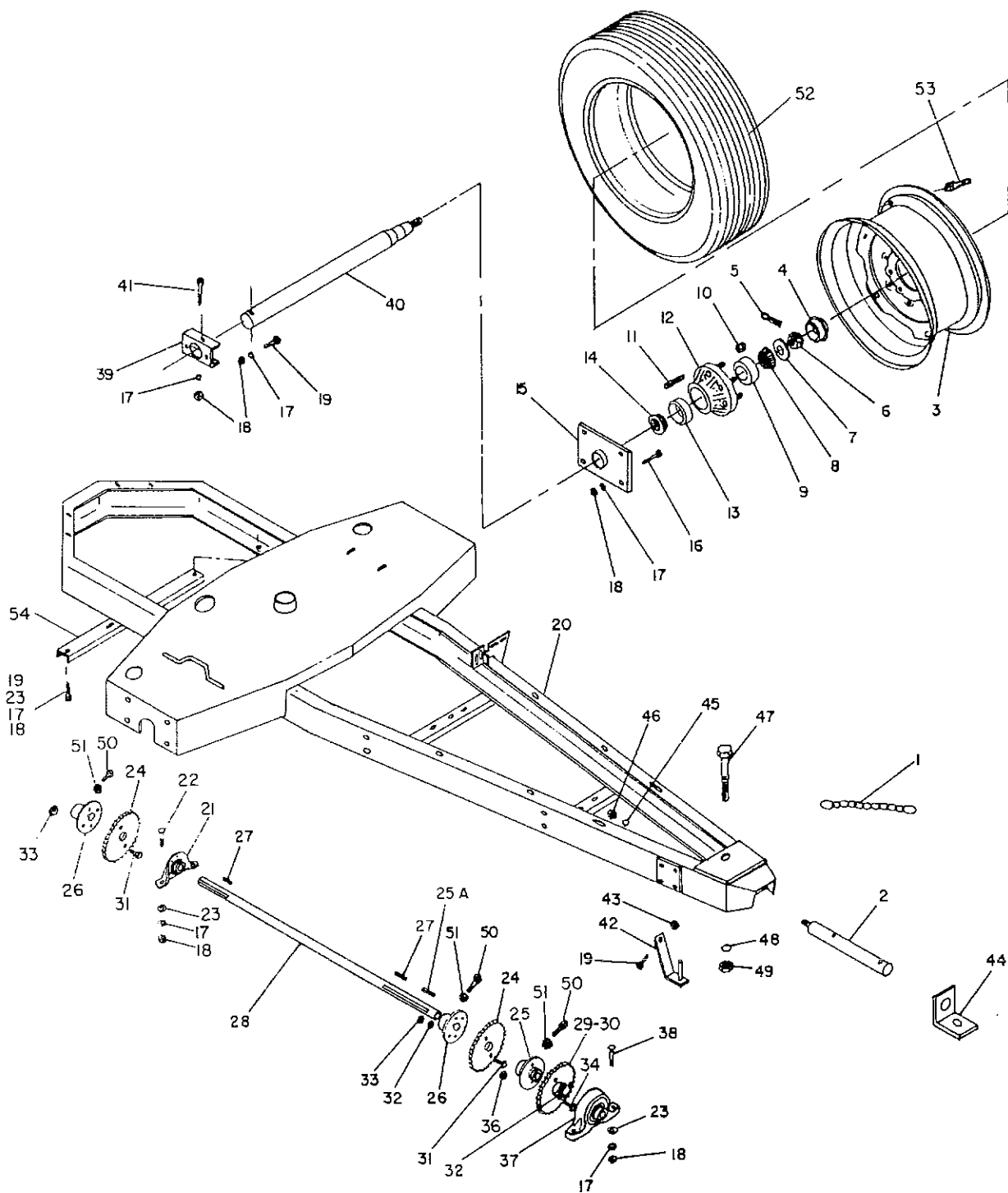
ITEM	PART NUMBER	QTY	DESCRIPTION
	039430		COMPLETE POWERSHAFT ASSY - 540 RPM
	039440		COMPLETE POWERSHAFT ASSY - 1000 RPM
	039380		COMPLETE IMPLEMENT HALF ASSY
	039380		IMPLEMENT HALF LESS SHIELD
	039310		COMPLETE TRACTOR HALF - 540 RPM
	039310		TRACTOR HALF LESS SHIELD - 540 RPM
	039300		COMPLETE TRACTOR HALF - 1000 RPM
	039300		TRACTOR HALF LESS SHEILD - 1000 RPM
1	039400	1	INNER SHIELD
2	039330	1	OUTER SHIELD
3	039390	1	YOKE TUBE AND SLEEVE
4	039320	1	YOKE AND TRACTOR SHAFT
5	039370	2	NYLON SHIELD BEARING
6	039360	2	CROSS AND BEARING KIT
7	035170	2	ANGLE GREASE FITTING
8	039340	1	TRACTOR YOKE ASSEMBLY - 540 RPM
8	039350	1	TRACTOR YOKE ASSEMBLY - 1000 RPM
9	021340	1	LOCK PIN, SPRING AND LOCK ASSEMBLY
10	039410	1	IMPLEMENT YOKE, 1-5/8" BORE
11	021360	1	PIN, CLEVIS 5/16" DIA. x 3-1/2"
12	034360	1	PIN, COTTER 1/8" DIA. x 1"
13	039420	1	BEARING, CENTER NYLON

BELT DRIVE 540 AND 1000 RPM



ITEM	PART NUMBER	QTY	DESCRIPTION
1	110390	1	KEY, TAPERED
2	110400	1	PULLEY, 14 GROOVE
3	021080	1	BELTS, 3V800, 6-BANDS OF TWO, MATCHED 540RPM
3	021280	1	BELTS, 3V600, 6-BANDS OF TWO, MATCHED 1000RPM
4	013580	1	SPRING, COMPRESSION
6			
7	012550	1	PIN, EXPAN 1/4" x 1-1/4"
8	241570	1	PIN, WELDMENT
9	013860	1	DRIVE CLUTCH
10	013930	2	BEARING, BALL 1-5/8" BORE
10	044020	1	BEARING, WITH COLLAR (ITEMS 10 & 12)
11	013870	1	PULLEY, 12.3 OD, 1000 RPM WITH BEARINGS
11	016750	1	PULLEY, 22.6 OD 540 RPM WITH BEARINGS
12	013940	1	LOCK COLLAR, (USED ON REAR BEARING ONLY)
13	215210	1	CHANNEL, JACKSHAFT BEARING
14	005200	-	WASHER, FLAT 1/2"
15	031580	-	BOLT, HHCS 1/2" x 2-3/4"
16	005370	-	WASHER, LOCK 1/2"
17	005360	-	NUT, HEX 1/2"
18	013960	1	BEARING, PILLOW BLOCK 1-5/8" BALL
19	156850	-	BOLT, SQ NK CARR 1/2" x 1-1/2"
20	013630	1	BRACKET, BEARING HOLDING
21	272800	1	SPROCKET, 60B13, 1-5/8" BORE 1000 RPM
21	041470	1	SPROCKET, 60B16, 1-5/8" BORE 540 RPM
22	151280	1	KEY, SQ 3/8" x 5"
23	172060	1	KEY, SQ 3/8" x 1-1/8"
24	013980	1	SHAFT, DRIVE
25	013670	1	BEARING, PILLOW BLOCK 1-7/16" BALL
26	035780	2	WASHER, SQ 1/4" x 1-1/2"
27	035790	1	WASHER, SQ 3/8" x 1-1/2"
28	021840	1	SPROCKET, 60-15T IDLER, 540 RPM
29	041460	-	WASHER, FLAT 1-5/8"
30	205430	1	GRIP, RED 1/8" x 1" x 1"
31	172680	1	ROLLER CHAIN, RC 60 73P, 1000 RPM
31	214160	1	ROLLER CHAIN, RC 60 66P, 540 RPM
32	013770	-	LINK, RC 50 OFFSET
32	010130	-	LINK, RC 60 OFFSET
33	013760	-	LINK, RC 50 CONNECTOR
33	010120	-	LINK, RC 60 CONNECTOR

FRAME AND DRIVE ASSEMBLY



FRAME AND DRIVE ASSEMBLY

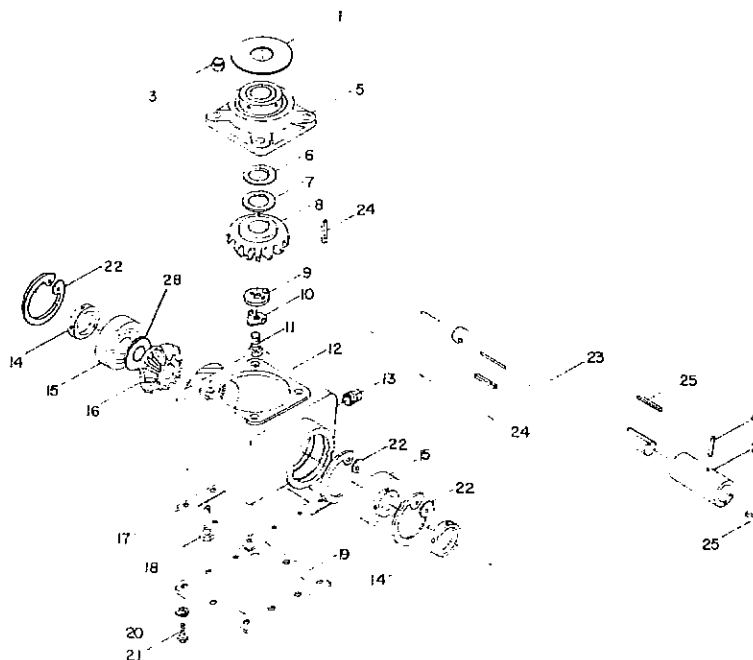
ITEM	PART NUMBER	QTY	DESCRIPTION
1	1765302	1	CHAIN, SAFETY
2	124780	1	BAR, HITCH
3	018710	2	RIM, 15" x 8" - 6 BOLT
4	035420	2	HUB CAP
5	026630	-	PIN, COTTER 5/32" x 1-1/2"
6	020710	-	NUT, HEX SLOTTED 3/4"
7	020720	2	WASHER, FLAT 13/16"
8	012630	2	CONE, BEARING TIMKIN #LM67048 1.25" ID
9	018860	2	CUP, BEARING (FOR 012630 BEARING)
10	020730	12	NUT, HUB 1/2"
11	020740	12	STUD, HUB 1/2" x 1-1/2"
12	016530	2	HUB, 6-BOLT W/BEARING RACES, STUDS & NUTS
13	018850	2	CUP, BEARING (FOR 016520 BEARINGS)
14	016520	2	CONE, BEARING TIMKIN #LM48500LA 1.38" ID
15	037040	2	BRACKET, OUTER AXLE MOUNTING
16	010730	-	BOLT, HHCS 1/2" x 1-1/4"
17	005370	-	WASHER, REG LOCK 1/2"
18	005360	-	NUT, HEX 1/2"
19	014770	-	BOLT, HHCS 1/2" x 1-1/2"
20	205060	-	MAIN FRAME ASSEMBLY (NOT SERVICED)
21	035080	1	BEARING, 1-1/4" PB, STL HSG W/LC
22	156850	-	BOLT, SQ NK CARR 1/2" x 1-1/2"
23	005200	-	WASHER, FLAT 9/16"
24	039200	1	SPROCKET, 40A28 1-1/4" ID
25	020080	1	SHEAR HUB, 1-1/4" BORE (540 RPM)
25	163740	1	SHEAR HUB, 1-1/4" BORE (1000 RPM)
25A	020220	-	KEY, SQ 5/16" x 1-1/4" (540 RPM)
25A	073530	-	KEY, SQ 5/16" x 1-5/8" (1000 RPM)
26	020080	2	SHEAR HUB, 1-1/4" BORE
27	020220	-	KEY, SQ 5/16" x 1-1/4"
28	131810	1	SHAFT MIXER DRIVE
29	039190	1	SPROCKET, 60A25 1.260 ID, 540 RPM
30	159080	1	SPROCKET, PLATE 60A36 (1000 RPM ONLY)
31	1780204	-	BOLT, HHCS 1/4" x 1" GR2
32	010380	1	RETAINING RING, EXTERNAL 2" (1000 RPM ONLY)
33	042370	-	NUT, HEX LOCK 1/4"
34	012260	-	BOLT, HHCS 3/8" X 1" GR2
35		-	
36	023060	-	NUT, HEX LOCK 3/8"
37	035090	1	BEARING, PILLOW BLOCK W/LC 1-1/4"
38	025390	-	BOLT, CRG SQ NK 1/2" x 1-3/4"
39	041430	2	BRACKET, INNER AXLE MTG.
40	041400	2	SPINDLE (WITHOUT SCALE)
41	038560	-	BOLT, HHCS 1/2" x 4"
42	108310	1	HOLDER, PTO
43	037540	-	NUT, LOCK 1/2"
44	036740	1	HITCH CLEVIS, 1-7/8"
45	003350	-	WASHER, LOCK 1"
46	147310	-	NUT, HEX 1"
47	990960	-	BOLT, HHCS 3/4" x 4-1/2"
48	036800	-	WASHER, LOCK 3/4"
49	036750	-	NUT, HEX 3/4"
50	033510	-	SCREW, SET SQ. HD. 5/16" x 3/4"
51	033500	-	NUT, JAM 5/16"
52	148640	2	TIRE, TUBLESS 10.00 x 15-8 PLY
53	164420	2	VALVE STEM W/CORE & CAP
54	210050	1	CHANNEL, REAR BEARING



TANK AND MIXING AUGER

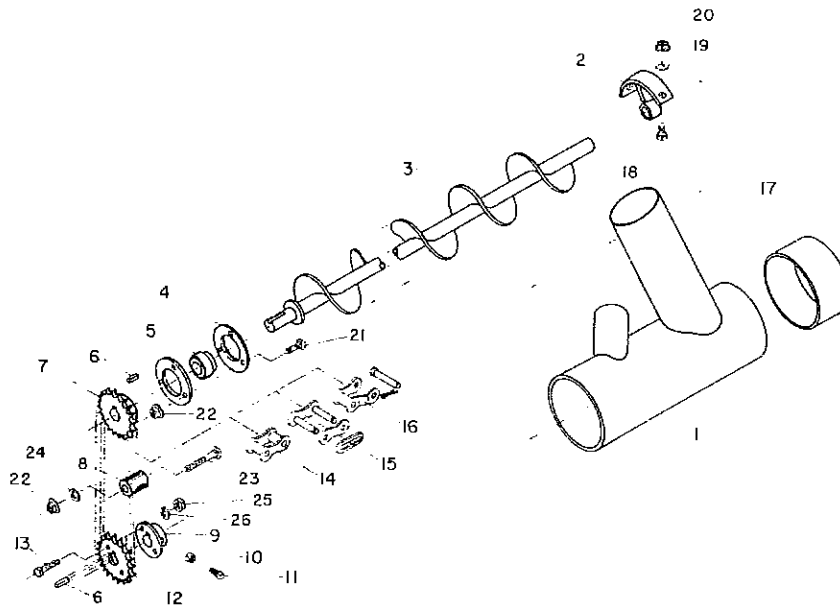
ITEM	PART NUMBER	QTY	DESCRIPTION
1	204590	1	MAIN FRAME & TANK WELD (NOT SERVICED)
2	131490	1	TUBE WELD, MIXING AUGER
3	121570	3	ROD, TUBE SUPPORT
4	018680	2	TUBE HANGER
5	033610	1	PADDLE, MIXING AUGER
6	035650	1	MIXING AUGER
7	035120	1	A-78 CAST BEARING
8	151130	2	SHIM
9	033230	1	HANGER, BEARING
10	035661	1	LID & HINGE WELD, TANK
11	022930	2	BRACKET, LID LOCKING
12	013080	2	SPRING, COMPRESSION
13	037880	1	RACK
14	012020	3	RUBBER, WINDOW FRAME
15	012050	3	GLASS, 4.5" x 12.0" WINDOW
16	036090	1	DOOR, CLEAN-OUT
17	185910	1	SEAL STRIP, TANK CLEAN OUT DOOR
18	019090	1	LADDER ASSEMBLY
19	043480	1	SADDLE ASSY, AUGER TUBE
20	204670	1	DOOR WELD, DISCHARGE
21	204680	1	HANDLE, DOOR
22	E672368	-	BOLT, HHCS 1/4" x 2-1/4"
23			
24			
25	011130	2	SPRING, SLIDE HOLDER ASSY
26	204690	1	ECCENTRIC WELD
27	050150	1	GRIP, RED HANDLE
28	021470	1	FENDER, LEFT
29	015210	1	SUPPORT, FENDER
30	205610	1	FENDER, RIGHT
31	005390	-	BOLT, SQ NK CARR 1/2" x 1"
32	005370	-	WASHER, LOCK 1/2"
33	005360	-	NUT, HEX 1/2"
34	005200	-	WASHER, FLAT 1/2"
35	009800	-	BOLT, HHCS 5/16" x 2-1/2"
36	022920	-	WASHER, FLAT 5/16"
37	025670	-	NUT, HEX LOCK 5/16"
38	012140	-	BOLT, HHCS 5/16" x 3/4"
39	020190	-	NUT, HEX FLANGE LOCK 5/16"
40	020180	-	NUT, HEX FLANGE LOCK 3/8"
41	012420	-	BOLT, SQ NK CARR 3/8" x 1-1/2"
42	020170	-	BOLT, SQ NK CARR 3/8" x 1"
43	012410	-	BOLT, SQ NK CARR 5/16" x 3/4"
44	023620	-	WASHER, LOCK 5/16"
45	023630	-	NUT, HEX 5/16"
46			
47			
48			
49	023260	-	WASHER, FLAT 5/16"
50			
51	009790	-	NUT, WING 5/16"
52	006690	-	BOLT, HHCS 3/8" x 1-1/4"
53	021190	-	WASHER, FLAT 7/16"
54	021180	-	WASHER, LOCK 3/8"
55	027260	-	NUT, HEX 3/8"
56	032020	-	BOLT, HHCS 7/16" x 1-1/4"
57	023990	-	WASHER, LOCK 7/16"
58	023770	-	NUT, HEX 7/16"
59	013170	2	FITTING, 1/8" NPT SHORT GREASE
60	035679	-	WASHER, FLAT 17/32"
61	035180	-	BOLT, SQ NK CARR 3/8" x 1-1/4"
62	011370	-	BOLT, HHCS 3/8" x 1-1/2"
63	012051	-	BOLT, HHCS 1/4" x 3/4"
64	042370	-	NUT, HEX LOCK 1/4"
65	164020	1	SEAL, TANK LID
66	216020	2	CLIP, DOOR HOLDER

GEAR BOX ASSEMBLY



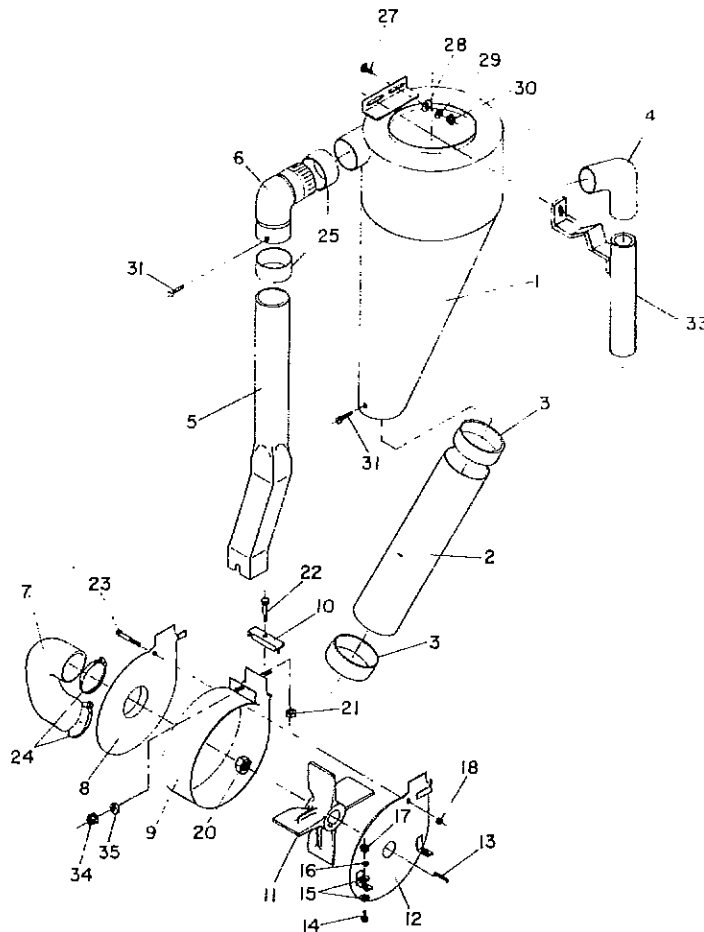
ITEM	PART NUMBER	QTY	DESCRIPTION
1	010570	1	PLATE, BEARING PROTECTOR
2	035070	1	COUPLER, SHAFT
3	037540	-	NUT, HEX LOCK 1/2"
4	013600	1	PIN, EXPAN 1/2" x 2"
5	020270	1	BEARING, FLANGE 1-5/8" BALL 4-BOLT
6	020290	-	WASHER, FLAT 1-5/8"
7	020300	-	WASHER, FLAT 1-5/8"
8	020280	1	GEAR, BEVEL 17T 1-5/8" BORE
9	020310	1	WASHER, SPEC. LOCK
10	010720	1	WASHER, BOLT LOCKING
11	010730	-	BOLT, HHCS 1/2" x 1-1/4"
12	020330	1	A-33 CASTING GEAR BOX
12	131190	1	GEAR BOX ASSY WITH 1-1/4" BEARINGS
13	020340	1	PLUG, 3/4" PIPE
14	020360	2	COLLAR, LOCK, 1-1/4" CONC.
15	112550	2	BEARING, ADAPTER 1-1/4" COD
16	020320	1	GEAR BEVEL, 17T 1-1/4" ID
17	010740	1	GASKET, GEAR BOX
18	013790	-	BOLT, HHCS 1/2" x 2-1/4"
19	010750	1	COVER, GEAR BOX
20	023620	-	WASHER, LOCK 5/16"
21	012140	-	BOLT, HHCS 5/16" x 3/4"
22	020350	3	RING, RETAINING INT. N5009-283
23	041560	1	SHAFT, GEAR BOX
24	020220	2	KEY, SQ 5/16" x 1-1/4"
25	035060	2	KEY, SQ 5/16" x 2-1/2"
26			
27			
28	020880	-	WASHER, FLAT 1-1/4"
28	020920	-	WASHER, FLAT 1-1/4"

INTAKE AUGER AND PARTS



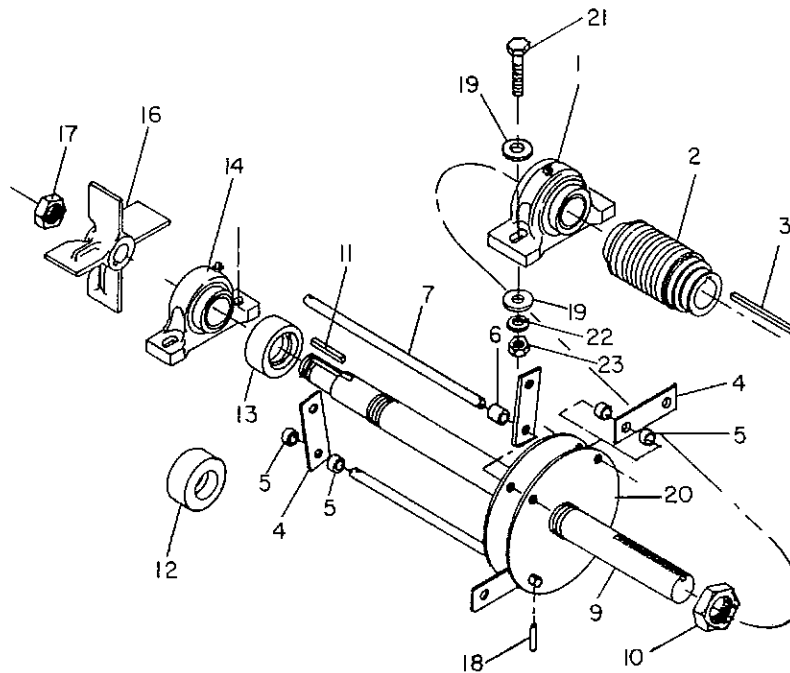
ITEM	PART NUMBER	QTY	DESCRIPTION
1	205900	1	TUBE WELD, MILL TO MIXER
2	020200	1	T-BEARING, NYLON
3	038260	1	AUGER, MILL TO MIXER
4	019150	2	BEARING, FLANGETTE 1-1/8" 3-BOLT
5	108850	1	BEARING W/LOCK COLAR, 1-1/8" BORE
6	020220	2	KEY, SQ 5/16" x 1-1/4"
7	034140	1	SPROCKET, 40B18 1-1/8" BORE
8	041440	1	WOOD BLOCK, 2" DIA x 1-1/2"
9	020080	1	SHEAR HUB, 1-1/4" BORE
10	033500	-	NUT, JAM 5/16"
11	033510	-	SCREW, SSHD, 5/16" x 3/4"
12	039200	1	SPROCKET, 40A28 1-1/4" BORE
13	012051	-	BOLT, HHCS 1/4" x 3/4"
14	214150	1	ROLLER CHAIN, #2040-33P (INCL. CONNECTOR LINK)
15	013390	-	LINK, CONNECTOR W/SPRING CLIP #2040
16	013380	-	LINK, OFFSET #2040
17	254170	1	BAND, RUBBER 7"
18	005900	-	BOLT, HHCS 5/16" x 1"
19	022920	-	WASHER, FLAT 5/16"
20	020190	-	NUT, HEX FLANGE LOCK 5/16"
21	020170	-	BOLT, SQ NK CARR 3/8" x 1"
22	020180	-	NUT, HEX FLANGE LOCK 3/8"
23	041450	-	BOLT, SQ NK CARR 3/8" x 2"
24	021190	-	WASHER, FLAT 3/8"
25	027660	-	NUT, HEX 1/4"
26	029440	-	WASHER, LOCK 1/4"

MILL DUST COLLECTOR ASSEMBLY



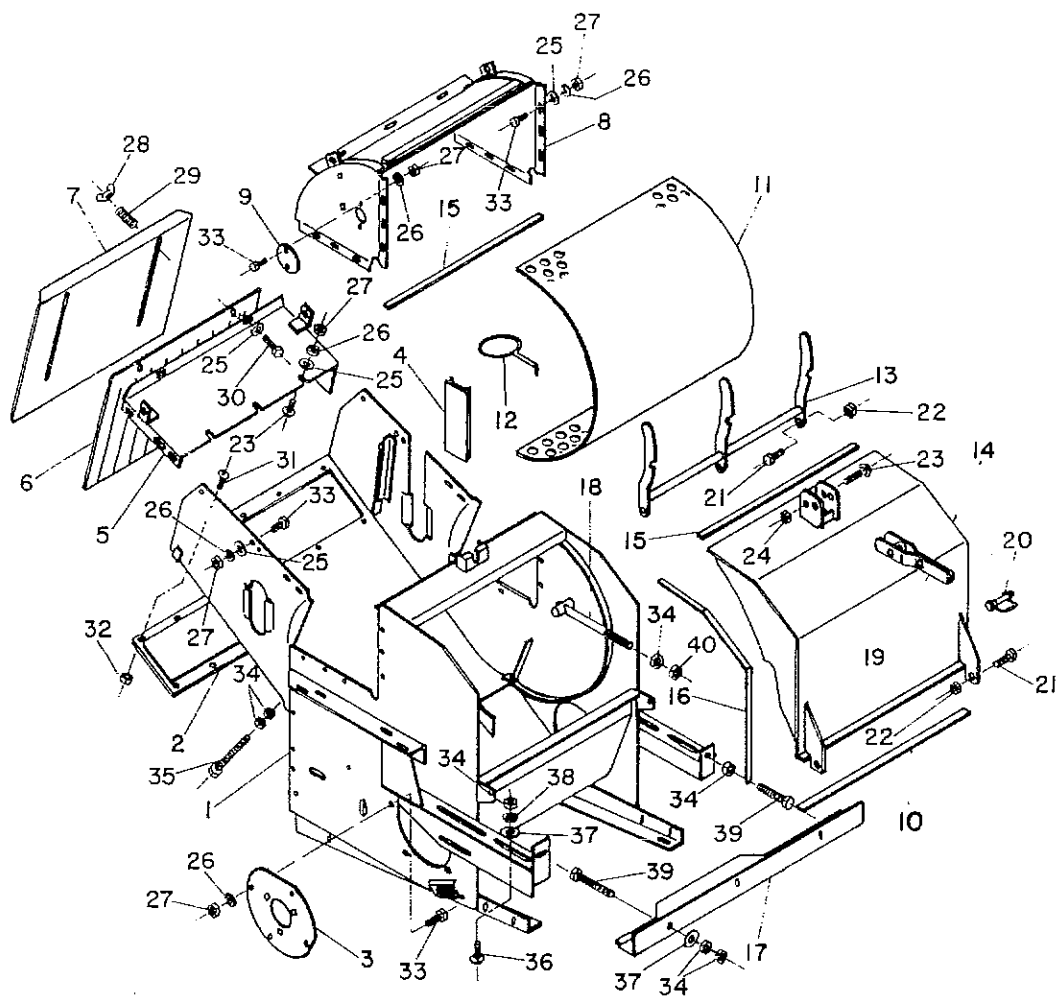
ITEM	PART NUMBER	QTY	DESCRIPTION
1	205890	1	COLLECTOR WELD, DUST
2	035601	1	PIPE, COUPLER
3	254160	2	BAND, RUBBER 5.5" DIA TUBE
4	128500	1	ELBOW, 90 DEGREE HOSE
5	236090	1	TUBE, VERTICAL DOGLEG
6	188390	1	ELBOW, 4" - 90 DEGREE
7	205910	1	ELBOW, FAN INLET
8	170990	1	SIDE PLATE WELD, REAR
9	171000	1	WRAPPER WELD, AFTER S/N AW475881515
9	205400	1	WRAPPER WELD, BEFORE S/N AW475871514
10	170970	1	CLAMP, PULL-DOWN
11	013520	1	FAN, FOUR BLADE
12	205390	1	SIDE PLATE WELD, FRONT
13	013510	1	KEY, SQ 3/8" x 1/4"
14	005900	-	BOLT, HHCS 5/16" x 1"
15	022920	-	WASHER, FLAT 5/16"
16	023620	-	WASHER, LOCK 5/16"
17	023630	-	NUT, HEX 5/16"
18	025370	-	NUT, HEX LOCK 5/16"
19		-	
20	013530	-	NUT, HEX JAM, 1-1/2"
21	023060	-	NUT, HEX LOCK 3/8"
22	990870	-	BOLT, HHCS 3/8" x 3-1/2"
23	012820	-	BOLT, HHCS 5/16"
24	205920	2	CLAMP, 4-1/8" TO 5" DIA
25	185880	2	BAND, RUBBER 4" DIA TUBE
26	042370	-	NUT, HEX LOCK 1/4"
27	035180	-	BOLT, SQ NK CARR 3/8" x 1-1/4"
28	021190	-	WASHER, FLAT 3/8"
29	021180	-	WASHER, LOCK 3/8"
30	027260	-	NUT, HEX 3/8"
31	205940	-	SCREW, HEX WASH HD #8 x 1/2"
32		-	
33	213550	1	TUBE & BRACKET WELD

HAMMERMILL MAIN SHAFT UNIT



ITEM	PART NUMBER	QTY	DESCRIPTION
1	013950	1	BEARING, 2" SPHERICAL PILLOW BLOCK
2	110400	1	PULLEY, 14 GROOVE
3	110390	1	KEY, TAPERED
4	013500	1	HAMMERS, SET OF 36
4	013970	-	HAMMERS, SET OF 2
5	013480	36	SPACER, 5/8" LONG
6	013490	18	SPACER, 1-1/2" LONG
7	013470	4	PIN, HAMMERMILL
8			
9	013540	1	CYLINDER SHAFT (NOT SOLD SEP. ORDER ITEM 24)
10	013440	-	NUT, HEX 2-1/4" (NOT SOLD SEP. ORDER ITEM 24)
11	013510	1	KEY, SQ. 3/8" x 1-1/4"
12	020470	2	CAST SPACER, END (NOT SOLD SEP. ORDER ITEM 24)
13	020460	7	CAST SPACER, CNTR (NOT SOLD SEP. ORDER ITEM 24)
14	013420	1	BEARING 2" BALL PILLOW BLOCK
15			
16	013520	1	FAN, 4 BLADE
17	013530	-	NUT, HEX 1-1/2"
18	012550	-	PIN, EXPAN 1/4" DIA. x 1-1/4"
19	127920	-	WASHER, FLAT 3/16"
20	009080	10	ROTOR PLATE (NOT SOLD SEP. ORDER ITEM 24)
21	023110	-	BOLT, HHCS 5/8" x 2-12"
22	020440	-	WASHER, LOCK 5/8"
23	020450	-	NUT, HEX 5/8"
24	020570	1	ROTOR SHAFT ASSEMBLY, SOLD AS BALANCED UNIT ONLY (INCLUDES ITEMS 9,10,12,13 & 20)

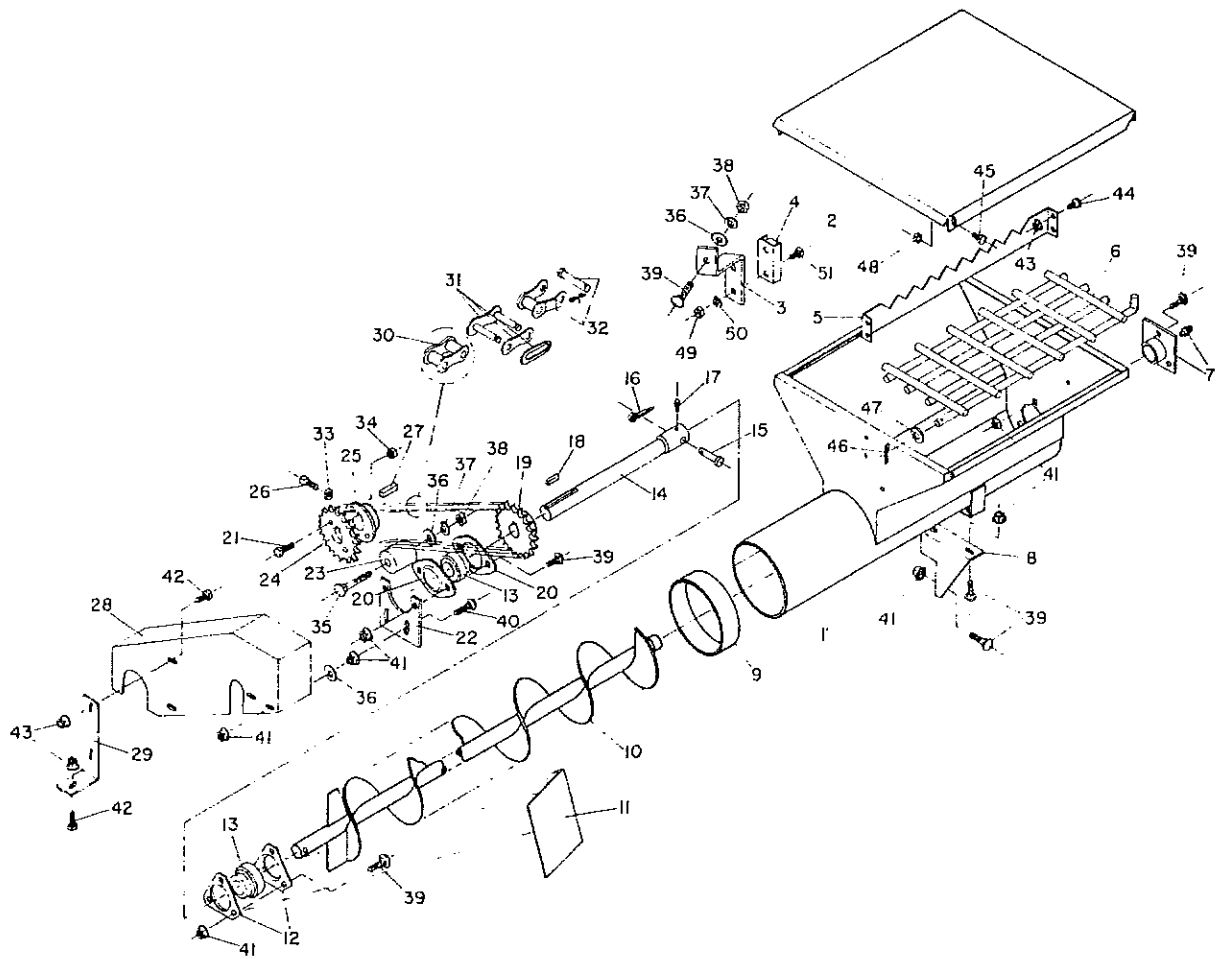
HAMMERMILL HOUSING AND PARTS



HAMMERMILL HOUSING AND PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION
1	205350	1	HOUSING WELD, HAMMERMILL
2	009740	1	#4 MAGNET
3	035380	1	PLATE, BEARING-MILL AUGER
4	013360	2	SLIDE ASSY
5	009820	1	COVER WELD, THROAT
6	205320	1	FLAP, THROAT
7	205310	1	PLATE, FEED GATE
8	144230	1	HOOD WELD, HAMMERMILL
9	012920	1	COVER, PIN REMOVAL
10	145460	1	SEALING STRIP, 3/8" x 1" x 20"
11	004820	-	1/8" SCREEN
11	004830	-	5/32" SCREEN
11	004840	-	3/16" SCREEN
11	004850	-	1/4" SCREEN
11	004860	-	5/16" SCREEN
11	004870	-	3/8" SCREEN
11	004890	-	1/2" SCREEN
11	004900	-	5/8" SCREEN
11	004910	-	3/4" SCREEN
11	004930	-	1" SCREEN
11	004940	-	1-1/4" SCREEN
11	004950	-	1-1/2" SCREEN
12	013120	1	SCREEN HOOK
13	205360	1	SUPPORT WELDMENT, SCREEN
14	205370	1	DOOR WELD, 20" HAMMERMILL
15	145470	2	SEALING STRIP, 1/4" x 3/4" x 20"
16	213900	2	SEALING STRIP, 1/4" x 3/8" x 20"
17	033950	1	ANGLE WELD, BELT TIGHTENER
18	127860	1	T-BAR WELD
19	151920	1	HANDLE WELD & PIVOT
20	143710	1	PIN, SNAPPER 3/8" DIA x 2-1/2"
21	012260	-	BOLT, HHCS 3/8" x 1"
22	023060	-	NUT, HEX LOCK 3/8"
23	012410	-	BOLT, SQ NK CARR 5/16" x 3/4"
24	025670	-	NUT, HEX LOCK 5/16"
25	022920	-	WASHER, FLAT 5/16"
26	023620	-	WASHER, LOCK 5/16"
27	023630	-	NUT, HEX 5/16"
28	009790	-	NUT, WING 5/16"
29	013080	2	SPRING, COMPRESSION
30	009800	-	BOLT, HHCS 5/16" x 2-1/2"
31	035230	-	SCREW, TRUSS HD 1/4" x 3/4"
32	023270	-	NUT, LOCK 1/4"
33	012140	-	BOLT, HHCS 5/16" x 3/4"
34	005360	-	NUT, HEX 1/2"
35	034650	-	BOLT, HHCS 1/2" x 3-1/2"
36	156850	-	BOLT, SQ NK CARR 1/2" x 1-1/2"
37	005200	-	WASHER, FLAT 1/2"
38	005370	-	WASHER, LOCK 1/2"
39	013800	-	BOLT, HHCS 1/2" x 5"
40	127890	-	NUT, HEX LOCK 1/2"
41	032840	-	BOLT, SSN CRG 3/8" x 3/4"
42	020180	-	NUT, HEX FLANGE LOCK 3/8"

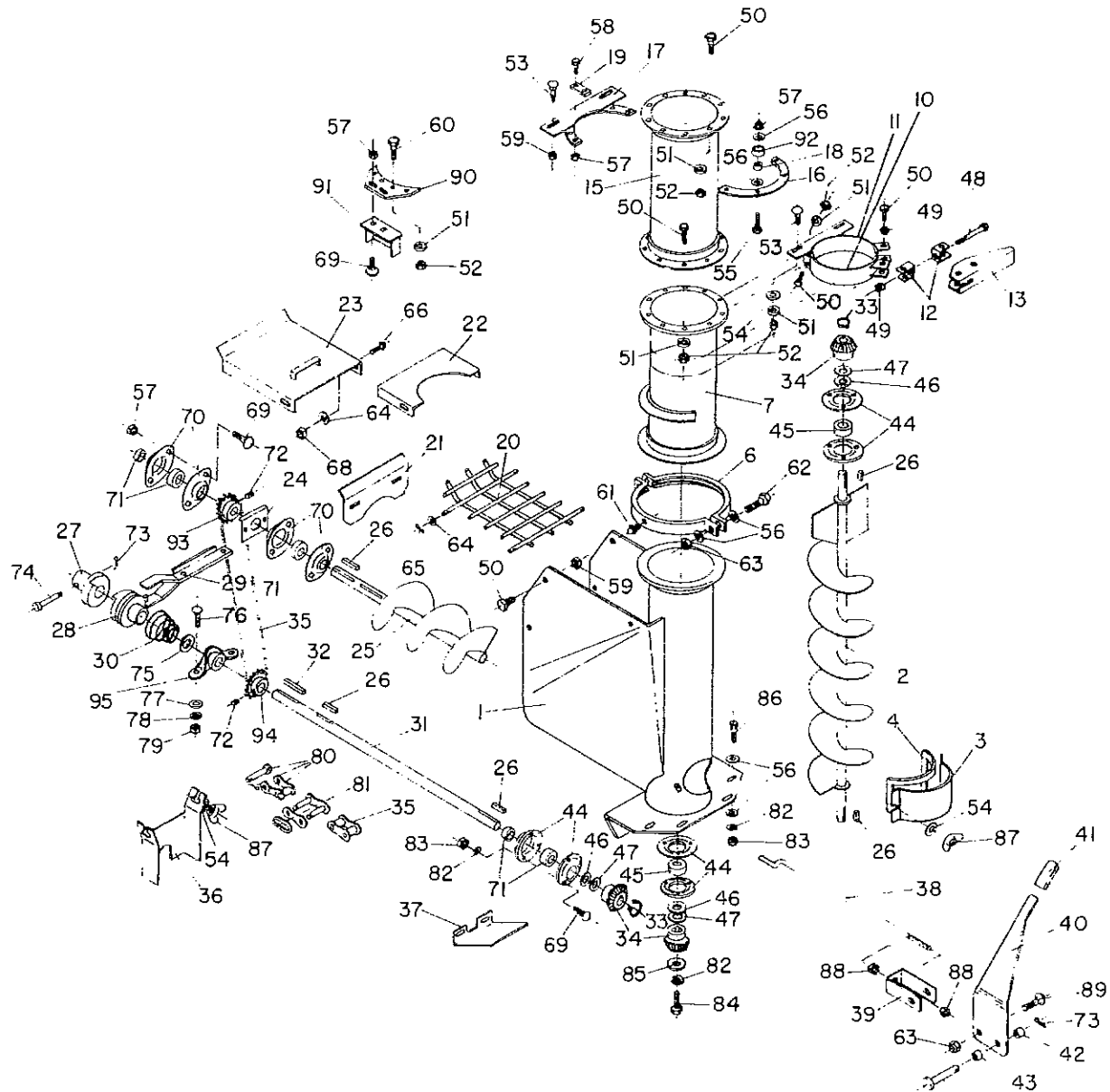
SUPPLEMENT HOPPER



SUPPLEMENT HOPPER

ITEM	PART NUMBER	QTY	DESCRIPTION
1	204640	1	SUPPLEMENT HOPPER WELD
2	204630	1	SUPPLEMENT HOPPER LID
3	204660	1	BRACKET, MAGNET HOLDER
4	217940	1	BRACKET, MAGNET HOLDER
5	131310	1	SACK CUTTER
6	131250	1	GRATE WELD ASSY
7	156550	1	BEARING PLATE, HOPPER END
8	132110	1	MOUNTING BRACKET, SUPPORT
9	254170	1	BAND, RUBBER 7" DIA TUBE
10	1801708	1	AUGER WELDMENT, SUPPLEMENT
11	1805606	1	SHIELD, SUPPLEMENT AUGER
12	132090	2	BEARING, FLANGETTE 1-1/8" 3-BOLT TRIANGULAR
13	108850	2	BEARING W/LOCK COLLAR 1-1/8" BORE
14	1801902	1	SHAFT WELD, CONNECTOR
15	021430	1	PIN, CLEVIS 3/8" x 2-1/4"
16	020700	1	PIN, COTTER 5/32" x 1"
17	115590	1	FITTING, 1/4" LUBE STRAIGHT
18	020760	1	KEY, SQ 5/16" x 1-1/8"
19	020240	1	SPROCKET, 40B28 1-1/8" BORE
20	021610	2	BEARING, FLANGETTE 1-1/8" 2-BOLT
21	1780204	-	BOLT, HHCS 1/4"-20 x 1" GR. 2 ZN
22	156500	1	PLATE, FRONT BEARING
23	021260	1	BLOCK, WOOD CHAIN TIGHTENER
24	039200	1	PLATE SPROCKET 40A28 1-1/4" ID
25	020080	1	SHEAR HUB
26	033510	-	SCREW, SQ HD SET 5/16" x 3/4"
27	020220	1	KEY, SQ 5/16" x 1-1/4"
28	132140	1	DRIVE SHIELD, CONC. HOPPER
29	146750	1	ANGLE, SHIELD SUPPORT
30	144950	1	CHAIN ASSY, #40-101P W/CONNECTOR & OFFSET
31	013290	1	LINK, CONNECTING #40 CHAIN
32	013280	1	LINK, OFFSET #40 CHAIN
33	033500	-	NUT, HEX JAM 5/16"
34	042370	-	NUT, HEX LOCK 1/4"
35	035540	-	BOLT, SQ NK CARR 3/8" x 2-3/4"
36	021190	-	WASHER, FLAT 3/8"
37	021180	-	WASHER, LOCK 3/8"
38	027260	-	NUT, HEX 3/8"
39	020170	-	BOLT, SQ NK CARR 3/8" x 1"
40	012420	-	BOLT, SQ NK CARR 3/8" x 1-1/2"
41	020180	-	NUT, HEX FLANGE LOCK 3/8"
42	005900	-	BOLT, HHCS 5/16" x 1"
43	020190	-	NUT, HEX FLANGE LOCK 5/16"
44	006880	-	BOLT, HHCS 5/16" x 5/8"
45	012140	-	BOLT, HHCS 5/16" x 3/4"
46	021210	-	PIN, COTTER 3/32" x 1"
47	023260	-	WASHER, FLAT 5/16"
48	025670	-	NUT, HEX 5/16"
49	027660	-	NUT, LOCK 1/4"
50	029440	-	WASHER, LOCK 1/4"
51	012051	-	BOLT, HHCS 1/4" x 3/4"
52	194310	2	BAR, MAGNETIC

FIRST SECTION BACK AUGER

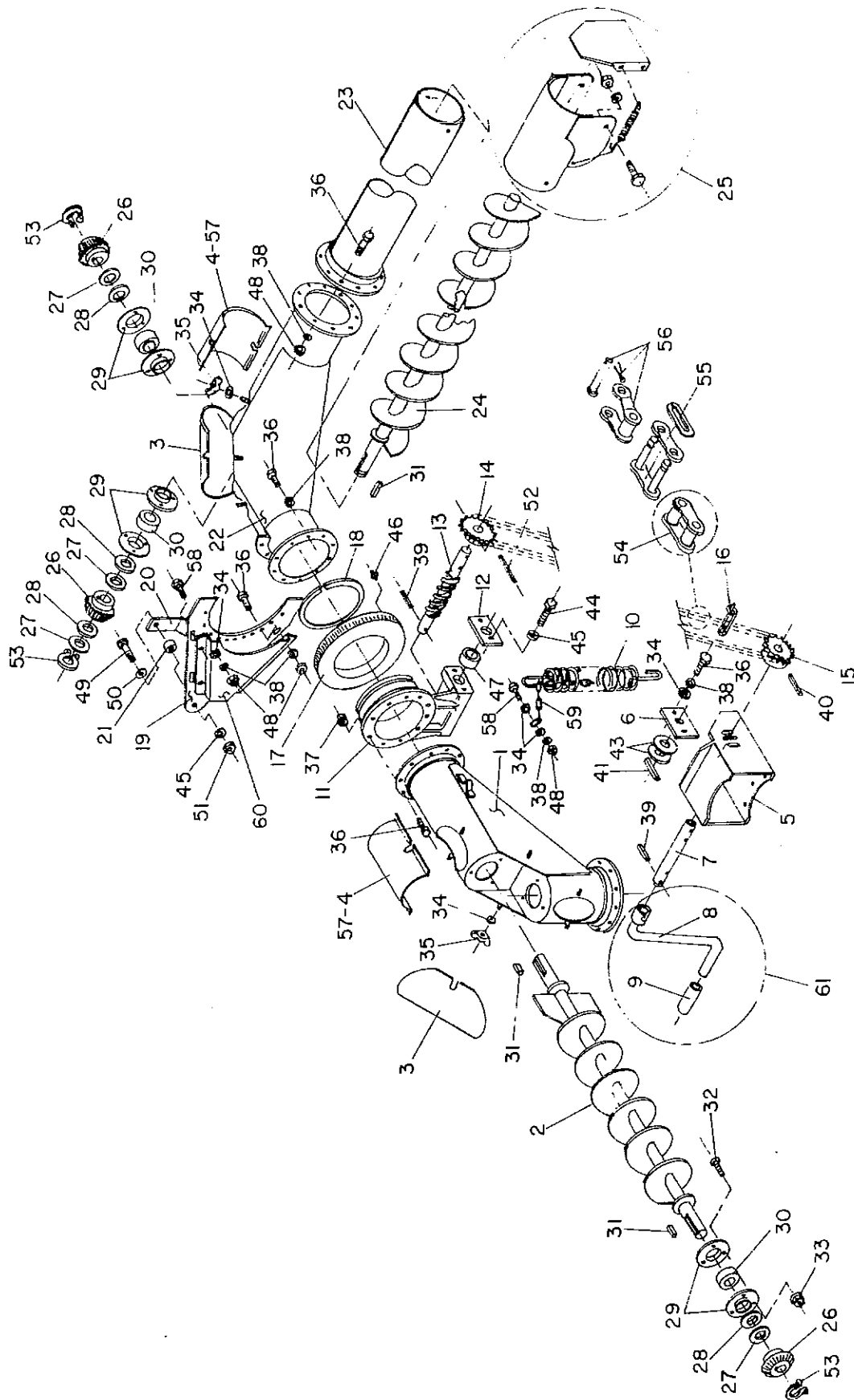


ITEM	PART NUMBER	QTY	DESCRIPTION	74
1	041790	1	DISCHARGE UNIT	
2	206310	1	AUGER WELD, VERT DISCHARGE 73.25"	
3	012520	1	DOOR, CLEAN-OUT	
4	185900	1	SEAL STRIP, DISCHARGE CLEAN-OUT DOOR	
5				
6	188340	2	SWIVEL CLAMP WELD, HEAVY	
7	217690	1	TUBE WELD, LOWER VERT 18" MECH	
8	206320	1	TUBE WELD, LOWER VERT 18" HYD	
9				
10	206520	1	BAND WELD, PLAIN HALF	
11	206510	1	BAND WELD, HANDLE HALF	
12	206500	2	YOKE, BRAKE	
13	206490	1	HANDLE, BRAKE	
14				
15	206330	1	TUBE WELD, UPPER VERT 18"	
16	046060	1	RING, SWIVEL	
17	046020	1	BRACKET WELD, SWIVEL RING	
18	038380	4	SPACER	
19	046130	2	BRACKET, SWIVEL RING	
20	164260	1	GRATE WELD, PUSH AUGER	
21	041780	1	GASKET, STEEL	

FIRST SECTION BACK AUGER

ITEM	PART NUMBER	QTY	DESCRIPTION
22	040820	1	FEED DEFLECTOR
23	012370	1	BACK HOPPER COVER
24	021620	1	PLATE, BEARING SPACE
25	041810	1	AUGER WELD, PUSH
26	020760	5	KEY, SQ 5/16" x 1-1/8"
27	041550	1	A-67 CASTING, CLUTCH (DRIVER)
28	032660	1	A-66 CASTING, CLUTCH (DRIVEN)
29	035530	1	CLUTCH ARM ASSY
30	021270	1	SPRING, CLUTCH HOLDING
31	041800	1	SHAFT
32	021570	1	KEY, SQ 5/16" x 3-5/8"
33	035200	2	SNAP RING, EXTERNAL 1-1/8"
34	020580	2	GEAR, BEVEL 14T 1-1/8" BORE
35	144760	1	CHAIN ASSY, #40-27P
36	121830	1	CHAIN SHIELD ASSY
37	121820	1	SHIELD, LOWER GEARS
38	144750	1	CLUTCH ROD
39	151450	1	YOKE, CLUTCH HANDLE
40	105210	1	HANDLE, CLUTCH
41	021560	1	GRIP, CLUTCH HANDLE
42	144740	1	SPACER, 7/8" LONG
43	144730	1	SPACER, 1/2" LONG
44	019150	6	BEARING, FLANGETTE 1-1/8" 3-BOLT ROUND
45	108850	2	BEARING, ADAPTER 1-1/8" SOD
46	020650	-	WASHER, FLAT 1-1/8"
47	020960	-	WASHER, FLAT 1-1/8"
48	028200	-	BOLT, HHCS 5/16" x 4-1/2"
49	025670	-	NUT, HEX LOCK 5/16"
50	012140	-	BOLT, HHCS 5/16" x 3/4"
51	023620	-	WASHER, LOCK 5/16"
52	023630	-	NUT, HEX 5/16"
53	012410	-	BOLT, SQ NK CARR 5/16" x 3/4"
54	022920	-	WASHER, FLAT 11/32"
55	011370	-	BOLT, HHCS 3/8" x 1-1/2"
56	021190	-	WASHER, FLAT 7/16"
57	020180	-	NUT, HEX FLANGE LOCK 3/8"
58	012260	-	BOLT, HHCS 3/8" x 1"
59	020190	-	NUT, FLANGE LOCK 5/16"
60	005900	-	BOLT, HHCS 5/16" x 1"
61	115590	2	FITTING, 1/4" STRAIGHT GREASE
62	990820	-	BOLT, HHCS 3/8" x 3"
63	023060	-	NUT, HEX LOCK 3/8"
64	023260	-	WASHER, FLAT 5/16"
65	021210	-	PIN, COTTER, 3/32" x 1"
66	035230	-	SCREW, TRUSS HD 1/4" x 3/4"
67			
68	023270	-	NUT, HEX FLANGE LOCK 1/4"
69	020170	-	BOLT, SQ NK CARR 3/8" x 1"
70	021610	4	BEARING, FLANGETTE 1-1/8" 2-BOLT
71	108850	3	BEARING, 1-1/8" ADAPTER SOD
72	010990	2	SCREW, SET HD 5/16" X 5/16"
73	020700	2	PIN, COTTER 5/32" x 1"
74	041540	2	PIN, CLEVIS 3/8" x 2-3/8"
75	034260	-	WASHER, FLAT 1-13/32"
76	025390	-	BOLT, SQ HD CARR 1/2" x 1-3/4"
77	005200	-	WASHER, FLAT 9/16"
78	005370	-	WASHER, LOCK 1/2"
79	005360	-	NUT, HEX 1/2"
80	013380	1	LINK, OFFSET #40 CHAIN
81	013390	1	LINK, CONNECTOR #40 CHAIN
82	021180	-	WASHER, LOCK 3/8"
83	027260	-	NUT, HEX 3/8"
84	012260	-	BOLT, HHCS 3/8" x 1"
85	012270	-	WASHER, FLAT 13/32"
86	006690	-	BOLT, HHCS 3/8" x 1-1/4"
87	009790	-	NUT, WING 5/16"
88	023770	-	NUT, HEX 7/16"
89	035180	-	BOLT, SQ NK CARR 3/8" x 1-1/4:
90	206000	1	HOLDER, SWIVEL STOP
91	206010	1	STOP WELD, SWIVEL
92	013750	4	BEARING, BALL 1/2" ID COD
93	020240	1	SPROCKET, 40B28 1-1/8" BORE
94	034140	1	SPROCKET, 40B18 1-1/8" BORE
95	021540	1	BEARING, PILLOW BLOCK 1-1/8" STL HSG W/LC

DISCHARGE AUGER TOP UNIT



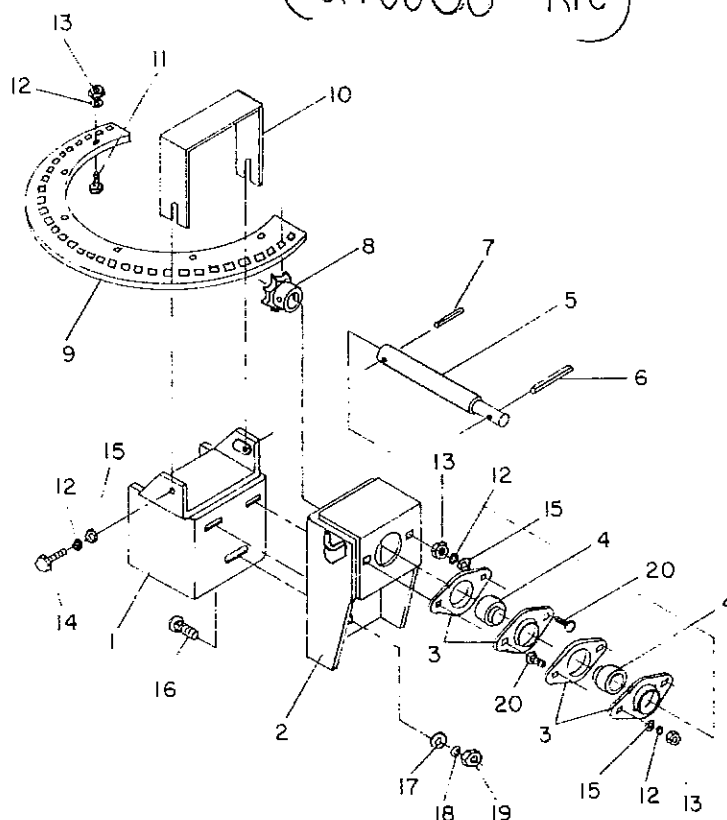
DISCHARGE AUGER TOP UNIT

ITEM	PART NUMBER	QTY	DESCRIPTION
1	132860	1	ELBOW WELD, DISCHARGE HEAVY
2	040850	1	AUGER WELD, CROSS
3	040870	2	SHILED, BEVEL GEARS
4	012520	4	DOOR, CLEAN-OUT
5	213270	1	BRACKET WELD, LIFT
6	114060	2	PLATE, ADJUSTMENT W/OILITE BUSHING
6	113540	-	BUSHING, OILITE 5/8" x 3/4" x 1/2"
7	213340	1	SHAFT
8	012500	1	CRANK WELD, BACK AUGER
9	020640	1	GRIP, PLASTIC 1/2" DIA
10	145590	1	EXT SPRING
11	206440	1	HOLDER, RING & WORM GEAR
12	206470	2	PLATE, BEARING HOLDER
13	206430	1	WORM & SHAFT, MECHANICAL
14	206390	1	SPROCKET, 40B18 x 3/4" BORE
15	113520	1	SPROCKET, 40B9 x 5/8" BORE
16	140820	1	SAFETY PIN
17	126230	1	RING GEAR, W/10 HOLES
18	104360	2	SNAP RING, HEAVY
19	113560	1	LIFT LEVER
20	213310	1	BRACKET, SPRING HOLDING
21	033460	1	SPACER, 3/8" ID x 9/32" LG
22	132870	1	ELBOW WELD, DISCHARGE LIGHT
23	205990	1	TUBE WELD, 8" DIA x 103" LONG
24	040960	1	AUGER WELD, 119" LONG
25	152100	1	HOOD ASSY, DISCHARGE AUGER
26	020580	3	GEAR, BEVEL 14T x 1-1/8" BORE
27	020960	-	WASHER, FLAT 1/8"
28	020650	-	WASHER, FLAT 1/8"
29	019150	6	BEARING, FLANGETTE 1-1/8" 3-BOLT
30	108850	3	BEARING, 1-1/8" ADAPTER SOD
31	020760	-	KEY, SQ 5/16" x 1-1/8"
32	020170	-	BOLT, CRG 3/8" x 1"
33	020180	-	NUT, HEX FLANGE LOCK 3/8"
34	022920	-	WASHER, FLAT 5/16"
35	009790	-	NUT, WING 5/16"
36	012140	-	BOLT, HHCS 5/16" x 3/4"
37	020190	-	NUT, HEX FLANGE LOCK 5/16"
38	023620	-	WASHER, LOCK 5/16"
39	012550	-	PIN, EXPAN 1/4" x 1-1/4"
40	991100	-	PIN, EXPAN 3/16" x 1-1/4"
41	012560	-	PIN, EXPAN 3/16" x 1"
42			
43	035190	-	WASHER, FLAT 21/32"
44	011370	-	BOLT, HHCS 3/8" x 1-1/2"
45	021180	-	WASHER, LOCK 3/8"
46	115590	-	FITTING, 1/4" STRAIGHT GREASE
47	252720	2	CUP, BEARING .75 ID
47	1758209	2	CONE, BEARING
48	023630	-	NUT, HEX 5/16"
49	012260	-	BOLT, HHCS 3/8" x 1"
50	021190	-	WASHER, FLAT 3/8"
51	027260	-	NUT, HEX 3/8"
52	013600	1	PIN, EXPAN 1/4" x 2"
53	035200	3	RING, SNAP 1-1/8"
54	213530	1	ROLLER CHAIN ASSY #40-114P (INCL CONN. LINK ASSY)
55	013290	1	LINK, CONNECTING #40 CHAIN
56	013280	1	LINK, OFFSET #40 CHAIN
57	185900	4	STRIP, SEALING
58	005900	-	BOLT, HHCS 5/16" x 1"
59	213430	1	CHAIN 2/0 SAFETY LINK
60	214140	1	CHANNEL, LEVER BRACE
61	214430	1	CRANK ASSY, W/GRIP

MECHANICAL SWIVEL

(DISK DRIVE)

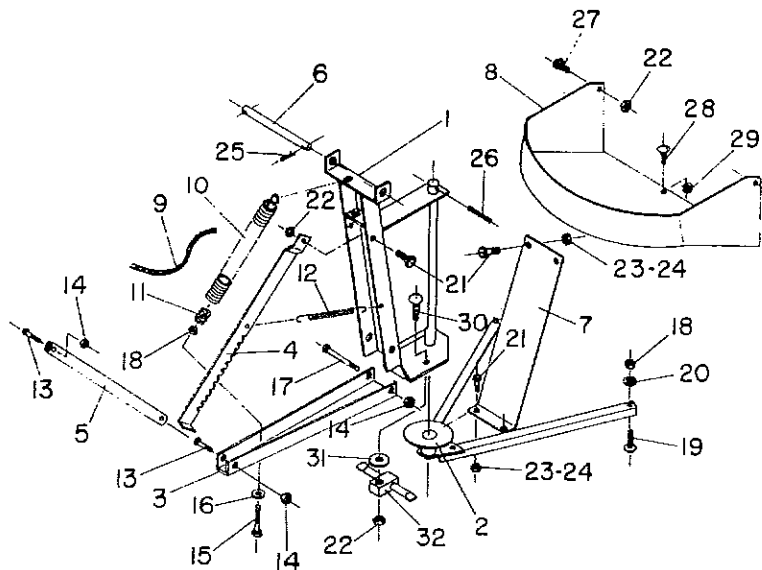
(218050 Kit)



ITEM	PART NUMBER	QTY	DESCRIPTION
1	217680	1	BRACKET WELDMENT, MOUNT
2	217730	1	BRACKET WELDMENT, SWIVEL
3	008580	4	BEARING, FLANGETTE 3/4"
4	021680	2	BEARING, 3/4"
5	217740	1	SHAFT, DRIVE
6	169220	1	PIN, EXPAN 1/4" x 1-3/8"
7	012560	1	PIN, EXPAN 3/16" x 1"
8	217750	1	SPROCKET, 50B8 3/4" BORE
9	217670	1	DISK HALF, SWIVEL
10	217700	1	SHIELD, SWIVEL
11	005900	-	BOLT, HHCS 5/16" x 1"
12	023620	-	WASHER, LOCK 5/16"
13	023630	-	NUT, HEX 5/16"
14	012140	-	BOLT, HHCS 5/16" x 3/4"
15	022920	-	WASHER, FLAT 5/16"
16	020170	-	BOLT, SQ NK CARR 3/8" x 1"
17	021190	-	WASHER, FLAT 3/8"
18	021180	-	WASHER, LOCK 3/8"
19	027260	-	NUT, HEX 3/8"
20	012410	-	BOLT, SQ NK CARR 5/16" x 3/4"

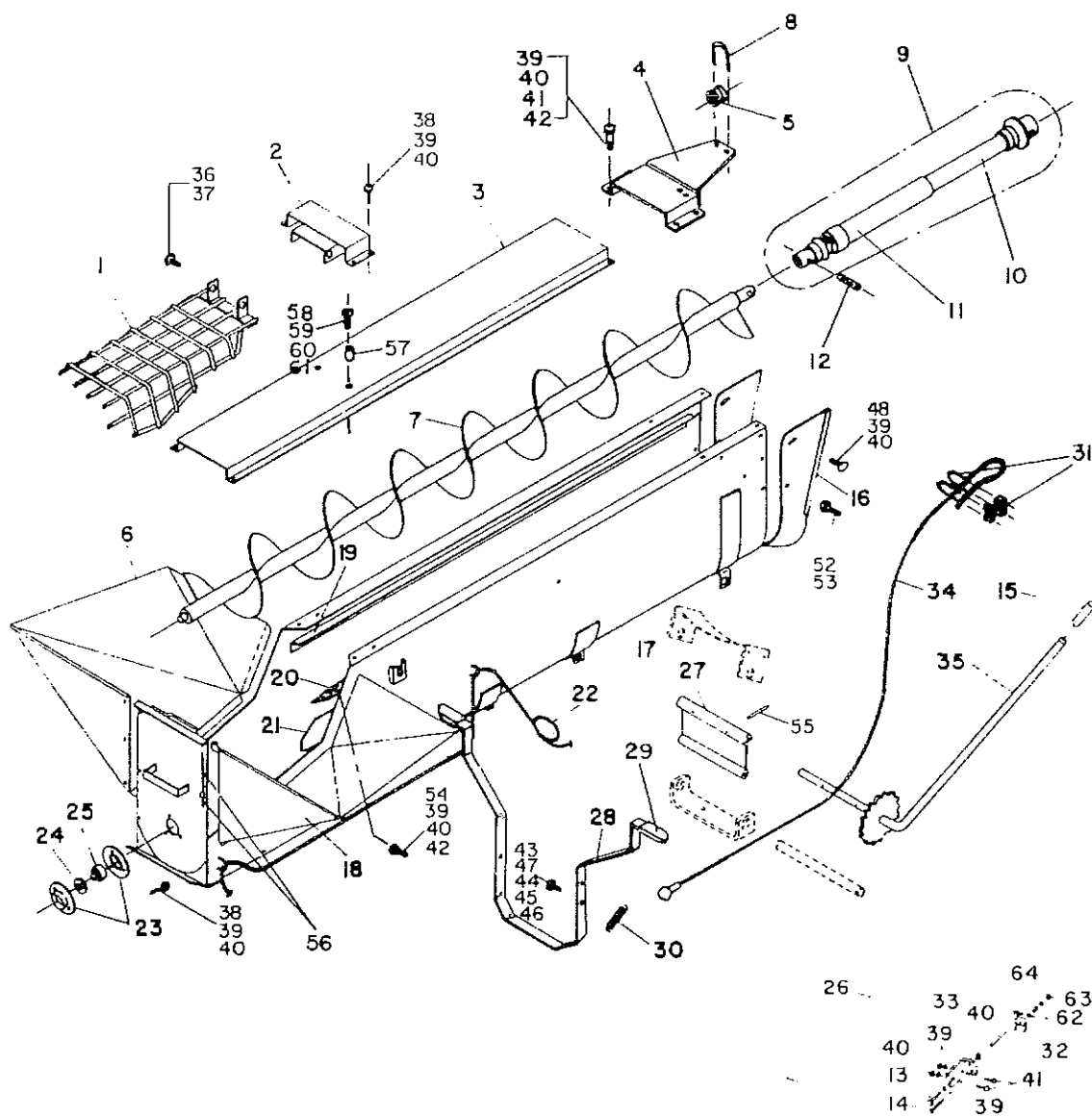
USED ON MACHINES WITH SERIAL NO. 475MR1216 AND AFTER

SPRING SUPPORT ASSEMBLY



ITEM	PART NUMBER	QTY	DESCRIPTION
1	206730	1	SWIVEL WELD, SUPPORT
2	206720	1	BOTTOM SUPPORT ASSY
3	152870	1	CHANNEL, RATCHET LEVER MTG
4	152880	1	BAR, RATCHET
5	131960	1	VERT LINK, SPRING ASSIST
6	015120	1	PIN, 3/4" DIA x 10"
7	206740	1	STRAP, REINFORCEMENT
8	205380	1	BASKET WELD
9	211490	1	ROPE, POLYPROPYLENE 102" LONG
10	113470	1	SPRING, 2" DIA x 14" LONG
11	113490	-	NUT, SPRING RETAINING
12	100750	1	SPRING, EXT 7/16" DIA x 5-3/4" LONG
13	007080	-	BOLT, HHCS 1/2" x 2-1/2"
14	127890	-	NUT, HEX LOCK 1/2"
15	013800	-	BOLT, HHCS (SPECIAL) 1/2" x 5"
16	005200	-	WASHER, FLAT 1/2"
17	160350	-	BOLT, HHCS 1/2" x 5"
18	005360	-	NUT, HEX 1/2"
19	030470	-	BOLT, SQ NK CARR 1/2" x 1-1/4"
20	005370	-	WASHER, LOCK 1/2"
21	012260	-	BOLT, HHCS 3/8" x 1"
22	023060	-	NUT, HEX LOCK 3/8"
23	027260	-	NUT, HEX 3/8"
24	021180	-	WASHER, LOCK 3/8"
25	026630	-	PIN, COTTER 5/32" x 1-1/2"
26	013600	-	PIN, EXPAN 1/4" DIA x 2"
27	022420	-	BOLT, HHCS 3/8" x 3/4"
28	035290	-	BOLT, SQ NK CARR 5/16" x 5/8"
29	020190	-	NUT, HEX FLANGE LOCK 5/16"
30	012420	-	BOLT, SQ NK CARR 3/8" x 1-1/2"
31	012270	-	WASHER, FLAT 3/8"
32	160560	1	HANDLE ASSY, SWIVEL BRAKE

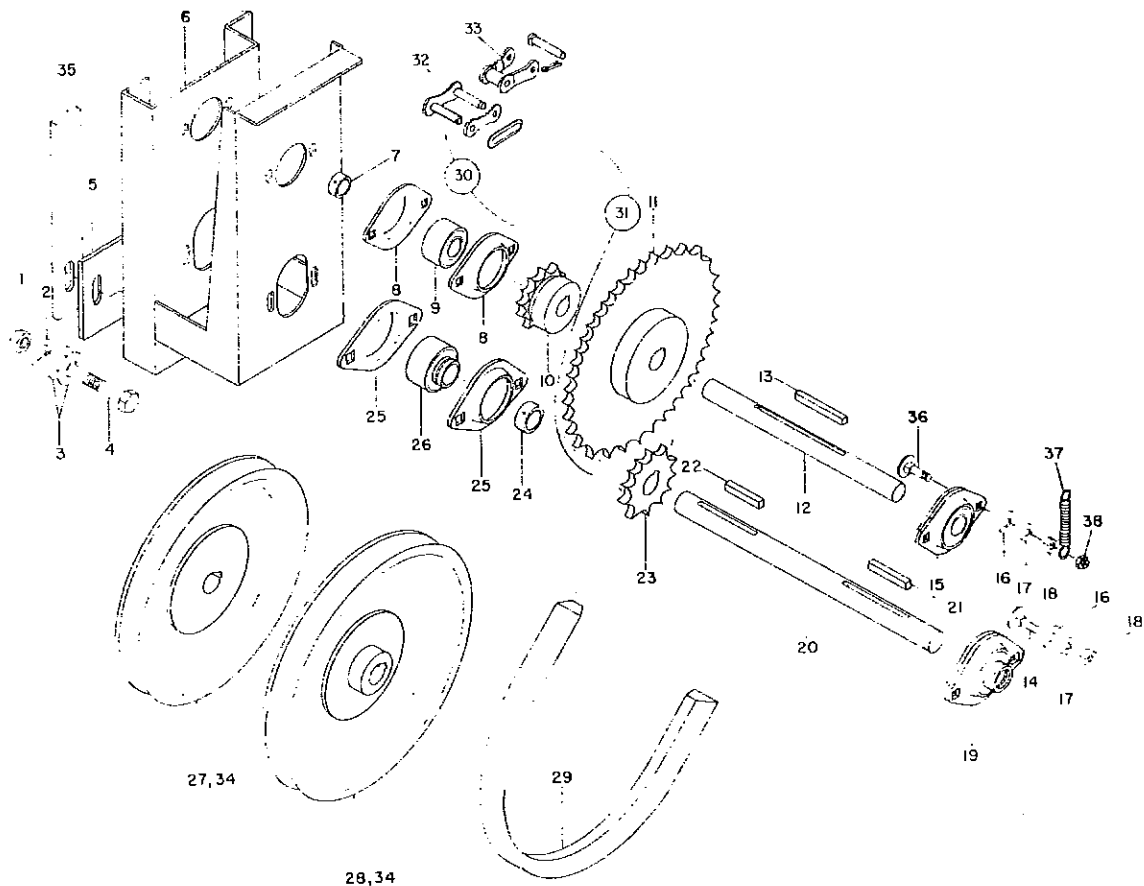
MECHANICAL AUGER FEEDER



MECHANICAL AUGER FEEDER

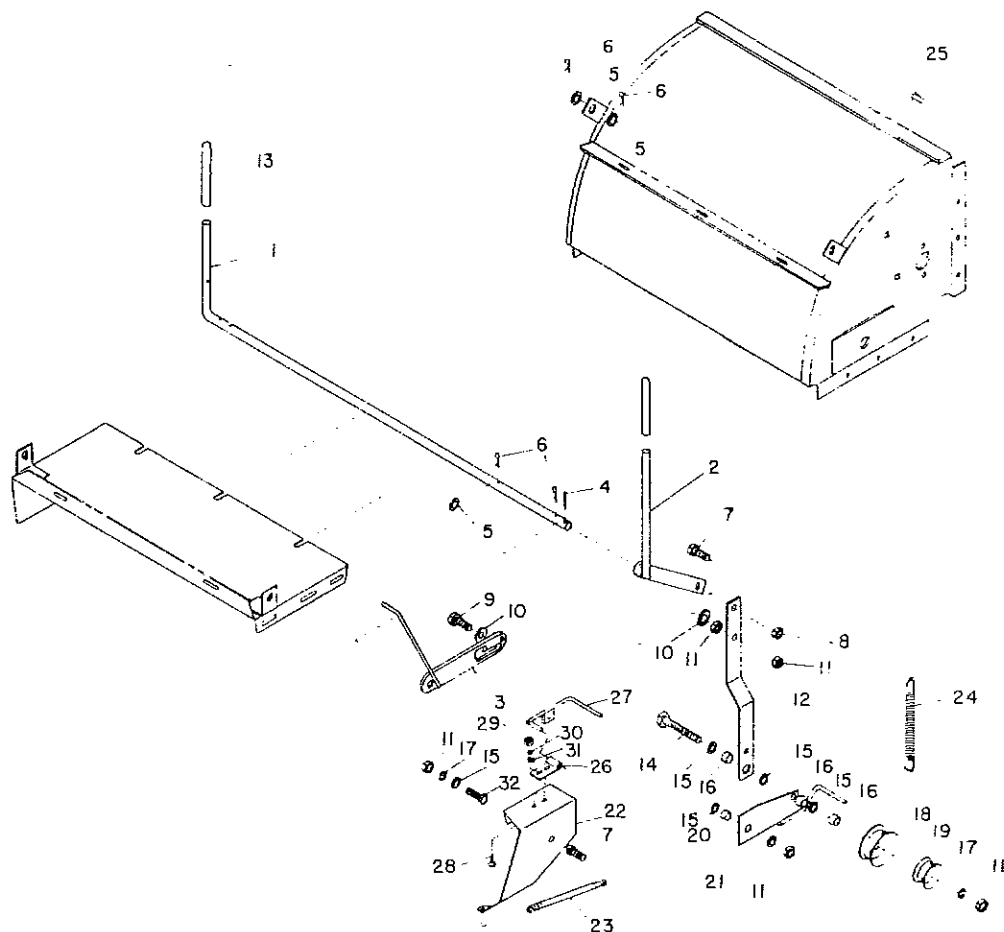
ITEM	PART NUMBER	QTY	DESCRIPTION
1	210440	1	GRATE, WELD, AUGER FEEDER
2	210850	1	CHANNEL WELD, GRATE
3	213630	1	UPPER COVER, MECHANICAL
4	213740	1	BRACKET WELD, AUGER SHIELD W/EYELET
5	132690	1	SPOOL, PORCELAIN
6	210810	1	HOPPER ASSY, STATIONARY
7	213620	1	AUGER WELDMENT, MECHANICAL AUGER
8	151890	1	U-BOLT, 5/16" DIA x 2" x 1-5/16"
9	254830	1	PTO ASSY, 1" ID x 20" 28- 3/4" LONG
10	254840	1	YOKE & TUBE ASSY
11	254850	1	YOKE & SHAFT ASSY
12	014010	-	PIN, EXPAN 5/16" DIA x 1-5/8"
13	030030	-	BOLT, HHCS 5/16" x 1-1/4"
14	044060	-	SCREW, TRHD 1/4" x 1-1/2"
15	150940	1	GRIP, ROUND HANDLE
16	015060	1	DOWN SPOUT, AUGER HOUSING
17	206750	1	HOUSING WELD, AUGER FEEDER
18	210830	1	HOPPER WELD, FOLDING
19	206780	1	ANGLE, L.H.
20	206770	1	ANGLE, R.H.
21	123900	1	SEAL, RUBBER
22	211490	1	ROPE, POLYPROPYLENE 102" LONG
23	012330	2	BEARING FLANGETTE 3-BOLT
24	012300	1	COLLAR, 1" ECC LOCK
25	012310	1	BEARING, 1" ADAPTER
26	150840	-	STOP & HOLDER ASSY
27	150810	1	EXTENSION BRACKET ASSY
28	210860	1	HANDLE, CLUTCH
29	021560	2	GRIP, CLUTCH HANDLE
30	100750	1	SPRING, EXT 7/16" x 5.7"
31	129260	2	CABLE CLIP, 1/8"
32	150830	1	STOP ASSY
33	150880	1	STOP HOLDER
34	214020	1	ROPE ASSY, WIRE 1/8"
35	150820	1	LEVER AND RATCHET ASSY
36	022420	-	BOLT, HHCS 3/8" x 3/4"
37	023060	-	NUT, HEX LOCK 3/8"
38	005900	-	BOLT, HHCS 5/16" x 1"
39	023620	-	WASHER, LOCK 5/16"
40	023630	-	NUT, HEX 5/16"
41	012140	-	BOLT, HHCS 5/16"
42	022920	-	WASHER, FLAT 5/16"
43	020170	-	BOLT, SQ NK CARR 3/8" x 1"
44	021190	-	WASHER, FLAT 3/8"
45	021180	-	WASHER, LOCK 3/8"
46	027260	-	NUT, HEX 3/8"
47	033460	-	SPACER, 3/8" x 9/32"
48	033320	-	BOLT, STEP 5/16" x 3/4"
49	031560	-	BOLT, HHCS 1/4" x 2-1/2"
50	027660	-	NUT, HEX 1/4"
51	029440	-	WASHER, LOCK 1/4"
52	006880	-	BOLT, HHCS 5/16" x 5/8"
53	025670	-	NUT, HEX LOCK 5/16"
54	049290	-	BOLT, SQ NK CARR 5/16" x 1-1/4"
55	012550	-	PIN, EXPAN 1/4" x 1-1/4"
56	035830	-	HAIRPIN, COTTER 3/16" x 3"
56	143700	1	CHAIN, 16 SINGLE JACK
57	212510	2	BUMPER, RUBBER
58	991120	-	SCREW, RD HD MACH #10 x 3/4"
59	120590	-	NUT, HEX #10
60	120600	-	WASHER, LOCK #10
61	W144750056	-	WASHER, FLAT #10
62	023260	-	WASHER, FLAT 1/4"
63	042370	-	NUT, LOCK 1/4"
64	042390	1	SPRING, COMPRESSION

BOTTOM DRIVE UNIT - MECHANICAL AUGER FEEDER



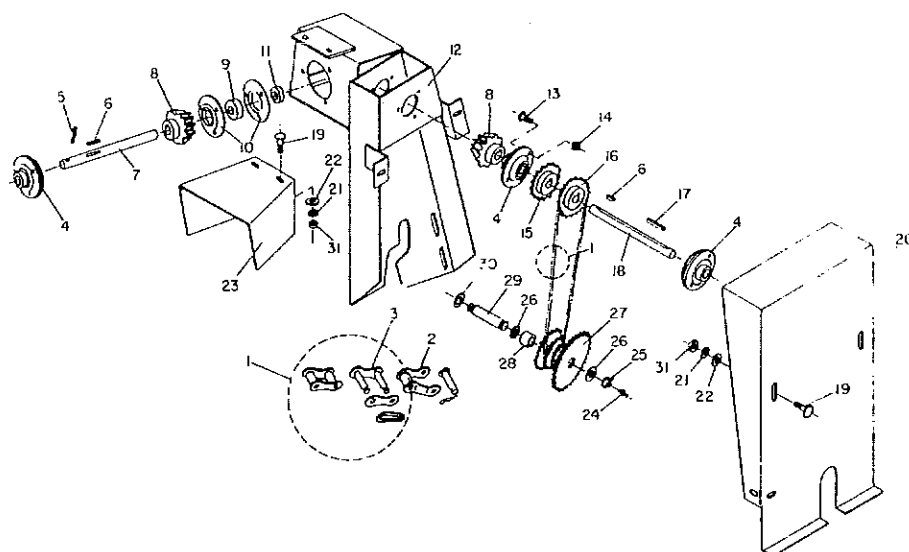
ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	-	NUT, HEX 1/2"
2	005370	-	WASHER, LOCK 1/2"
3	005200	-	WASHER, FLAT 1/2"
4	014770	-	BOLT, HHCS 1/2" x 1-1/2"
5	014780	1	SHIM
6	014790	1	BOTTOM DRIVE UNIT
7	008570	2	BEARING, LOCK COLLAR 3/4"
8	008580	4	BEARING, FLANGETTE 3/4" 2-BOLT
9	021680	2	BEARING, BALL 3/4" BORE SOD
10	144030	1	SPROCKET, 40B18 3/4" BORE
11	014850	1	SPROCKET, 40B54 3/4" BORE
12	014830	1	SHAFT, 3/4" x 6"
13	073540	1	KEY, SQ 3/16" x 2-3/4"
14	012410	-	BOLT, CRG 5/16" x 3/4" SSN
15	014800	-	BEARING, LOCK COLLAR & 2 FLANGETTES 3/4" BORE
16	022920	-	WASHER, FLAT 5/16"
17	023620	-	WASHER, LOCK 5/16"
18	023630	-	NUT, HEX 5/16"
19	014900	-	BEARING, LOCK COLLAR & 2 FLANGETTES 1" BORE
20	151310	1	SHAFT, 1" x 11-3/4"
21	011520	-	KEY, SQ 1/4" x 3-3/4"
22	014310	1	KEY, SQ 1/4" x 1-3/4"
23	014940	1	SPROCKET, 40B13 1" BORE
24	012300	2	BEARING, LOCK COLLAR 1"
25	021690	4	BEARING, FLANGETTE 1" 2-BOLT
26	012310	2	BEARING, BALL 1" BORE SOD
27	014890	1	PULLEY, 9" OD 1" BORE
28	014880	1	PULLEY, 10" OD 1" BORE
29	014870	1	V-BELT, AX-44
30	145220	1	ROLLER CHAIN, #40-55P (INCL. CONN. & OFFSET LINK)
31	014930	1	ROLLER CHAIN, #40-62P (INCL. CONNECTOR LINK)
32	013290	-	LINK, CONNECTOR W/SPRING CLIP #40
33	013280	-	LINK, OFFSET #40
34	070020	-	SCREW, SHS 3/8" x 3/4"
35	215140	1	SPACER, BOTTOM DRIVE UNIT
36	035520	-	BOLT, CRG 5/16" x 1-1/4" SSN
37	262540	1	SPRING, EXTENSION 2-1/2" LG
38	025670	-	NUT, LOCK 5/16"

TOP MILL CLUTCH



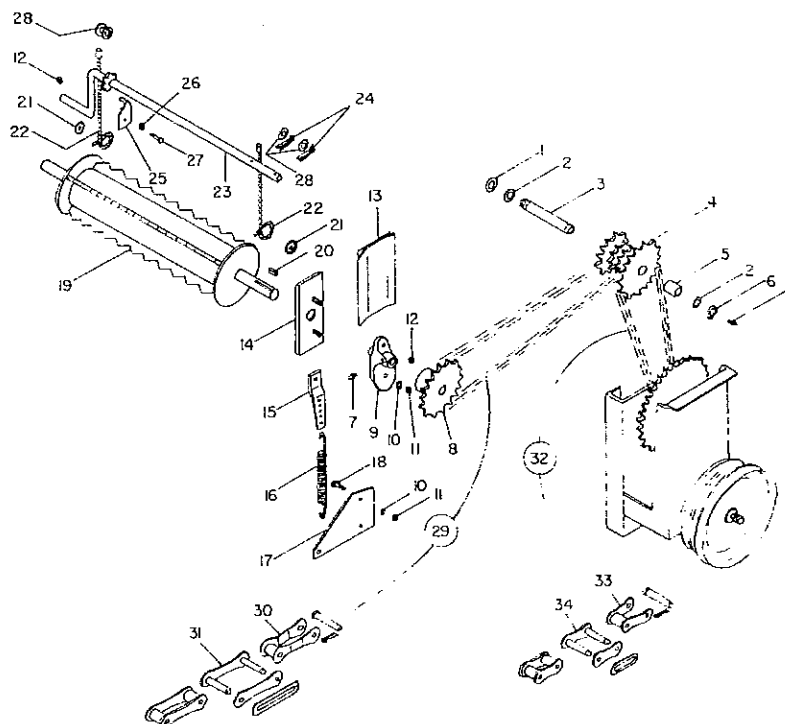
ITEM	PART NUMBER	QTY	DESCRIPTION
1	143990	1	CLUTCH ROD
2	144070	1	SHUT-OFF LEVER
3	144020	1	LOCK HANDLE
4	012550	1	PIN, EXPAN 1/4" DIA x 1-1/4"
5	035190	-	WASHER, FLAT 5/8"
6	026630	-	PIN, COTTER 5/32" DIA x 1-1/2"
7	012260	-	BOLT, HHCS 3/8" x 1"
8	023060	-	NUT, LOCK 3/8"
9	006690	-	BOLT, HHCS 3/8" x 1-1/4"
10	124160	-	WASHER, FLAT 3/8"
11	027260	-	NUT, HEX 3/8"
12	119200	1	LINKAGE ARM
13	125790	1	PLASTIC GRIP, 5/8" ID
14	991150	-	BOLT, HHCS 3/8" x 4"
15	021190	-	WASHER, FLAT 3/8"
16	033460	3	SPACER, 3/8" x 9/32"
17	021180	-	WASHER, LOCK 3/8"
18	011640	1	IDLER PULLEY, 3-1/4" DIA
19	011730	1	IDLER PULLEY, 2-1/4" DIA
20	038380	1	SPACER, 3/8" x 1/2" x 5/16"
21	262530	1	BELT TIGHTENER & ADJUSTMENT PLATE
22	119090	1	BELT TIGHTENER BRACKET
23	1774204	1	SPRING, EXTENSION 1/2" x 5"
24	100750	1	SPRING, EXTENSION 7/16" x 5-3/4"
25	032840	-	BOLT, CRG 3/8" x 3/4" SSN
26	262520	1	BRACKET, BELT GUIDE HINGE
27	262490	1	ROD WELDMENT, UPPER
28	1598795R1	-	BOLT, CRG 1/4" x 3/4" SSN
29	027660	-	NUT, HEX 1/4"
30	029440	-	WASHER, LOCK 1/4"
31	023260	-	WASHER, FLAT 1/4"
32	170530	-	BOLT, CRG 3/8" x 1" SSN

TOP DRAG DRIVE



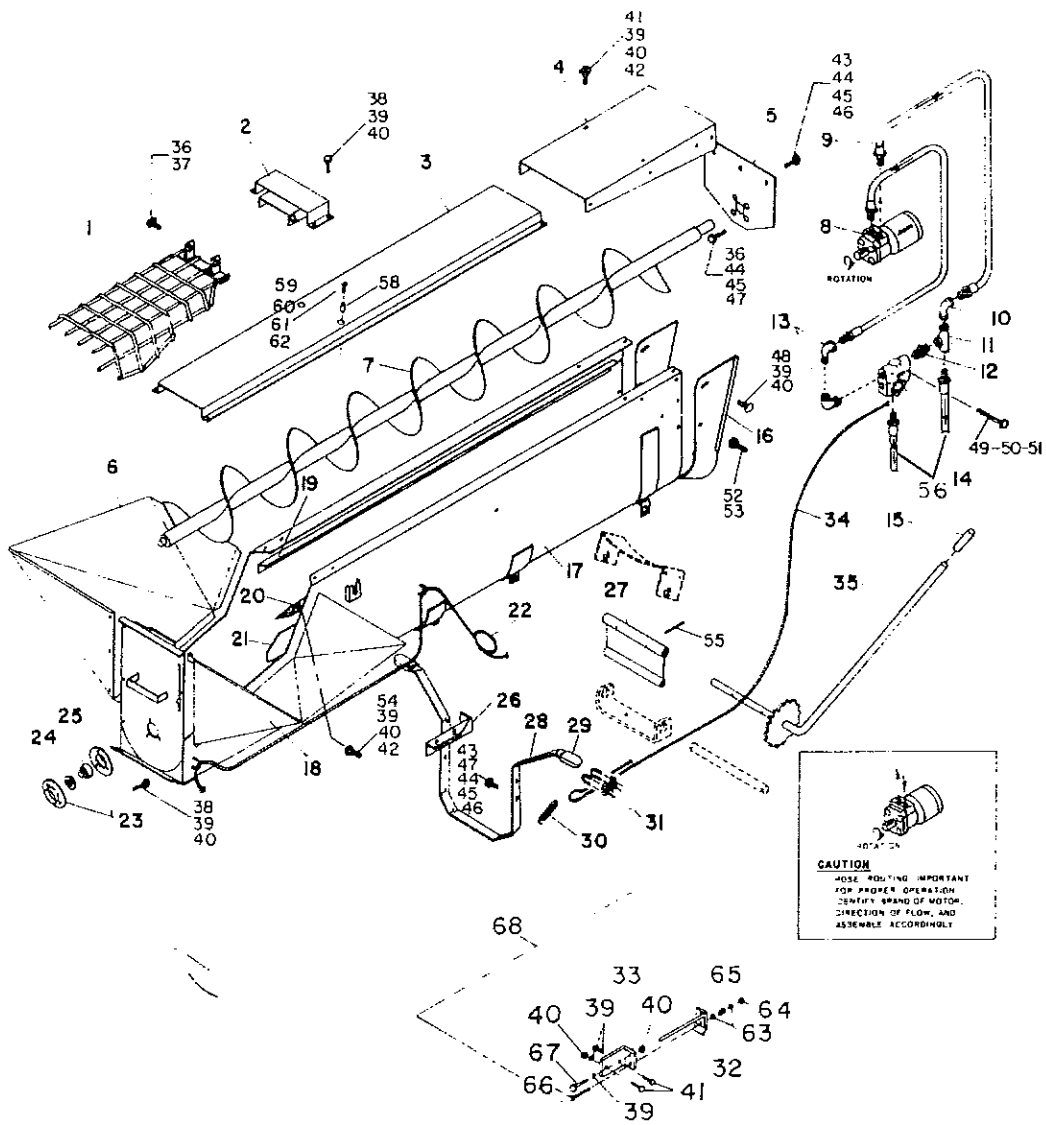
ITEM	PART NUMBER	QTY	DESCRIPTION
1	035320	1	ROLLER CHAIN #2050 41P (INCL. CONNECTING LINK)
2	035220	-	LINK, OFFSET #2050
3	013270	-	LINK, CONNECTOR W/SPRING CLIP #2050
4	011300	-	BEARING, LOCK COLLAR, 2-FLANGETTES 1" BORE
5	014010	1	PIN, EXPAN 5/16" DIA x 1-5/8"
6	010000	2	KEY, SQ 1/4" x 1"
7	014760	1	SHAFT 1" DIA x 9"
8	012320	2	GEAR, BEVEL 14T x 1" BORE
9	012310	4	BEARING, BALL 1" BORE
10	012330	8	BEARING, FLANGETTE 3-BOLT
11	012300	4	COLLAR, LOCK 1" BORE
12	213770	1	TOWER ASSY, (BOLTS TO HAMMERMILL)
13		-	NUT, FLANGE LOCK 5/16"
14	020190	-	SPROCKET, 50B17 1" BORE
15	014650	1	SPROCKET, 50B22 1" BORE
16	014660	1	KEY, SQ 1/4" x 2"
17	014630	-	SHAFT, 1" DIA x 6"
18	014640	1	BOLT, SQ NK CARR 5/16" x 3/4"
19	012410	-	SHIELD, TOWER
20	213680	1	WASHER, LOCK 5/16"
21	023620	-	WASHER, FLAT 5/16"
22	022920	-	SHIELD WELD, PTO
23	215110	1	FITTING, 1/8" NPT STRAIGHT GREASE
24	013170	-	RING, SNAP EXTERNAL 1" DIA
25	013250	-	WASHER, FLAT 1"
26	013230	-	CLUSTER SPROCKET (INCLUDES ITEM 28)
27	014750	1	BUSHING, OILITE 1" x 1-1/4" x 1-1/4"
28	013160	2	SHAFT, L.H. THREAD
29	014740	1	WASHER, FLAT 1"
30	003100	-	NUT, HEX 5/16"
31	023630	-	

ROLL FEED-MECHANICAL
(USED ONLY WHEN MACHINE EQUIPPED
WITH MECHANICAL AUGER FEEDER)



ITEM	PART NUMBER	QTY	DESCRIPITON
1	003100	-	WASHER, FLAT 1"
2	013230	-	WASHER, FLAT 1"
3	014740	1	SHAFT, L.H. THREAD 1" DIA x 4-1/2"
4	014750	1	CLUSTER SPROCKET W/BUSHINGS (ITEM 5)
5	013160	2	OILITE BUSHING, 1" x 1-1/4" x 1-1/4"
6	013250	1	SNAP RING, EXTERNAL 1" DIA
7	013170	3	FITTING, 1/8" NPT STRAIGHT GREASE
8	013320	1	SPROCKET, 50B28 1" BORE
9	011200	2	BEARING, 1" BORE CAST
10	023620	-	WASHER, LOCK 5/16"
11	023630	-	NUT, HEX 5/16"
12	025670	-	NUT, LOCK 5/16"
13	013360	2	COVER WELD, THROAT SLOTS
14	013330	2	SLIDING PLATE
15	007900	2	BRACKET, UPPER SPRING
16	017200	2	SPRING, ROLL FEED
17	007910	2	BRACKET, LOWER SPRING
18	005900	-	BOLT, HHCS 5/16" x 1"
19	013340	1	ROLL FEED ROTOR
20	011530	-	KEY, SQ 1/4" x 1-1/4"
21	019050	2	WASHER, SPECIAL LOCK
22	007880	2	CABLE, FOR ROLL FEED ADJUSTMENT
23	007960	1	CRANK ASSEMBLY
24	020700	-	PIN, COTTER 5/32" DIA x 1"
25	007930	1	CRANK LOCK BRACKET
26	022920	-	WASHER, FLAT 5/16"
27	012140	-	BOLT, HHCS 5/16" x 3/4"
28	035210	-	WASHER, FLAT 5/8"
29	013310	1	ROLLER CHAIN, #2050-24P INCL. CONNECTOR LINK
30	035220	-	LINK, OFFSET #2050
31	013270	-	LINK, CONNECTOR W/SPRING CLIP #2050
32	145220	1	ROLLER CHAIN #40-55P
33	013280	-	LINK, OFFSET #40
34	013290	-	LINK, CONNECTOR W/SPRING CLIP #40

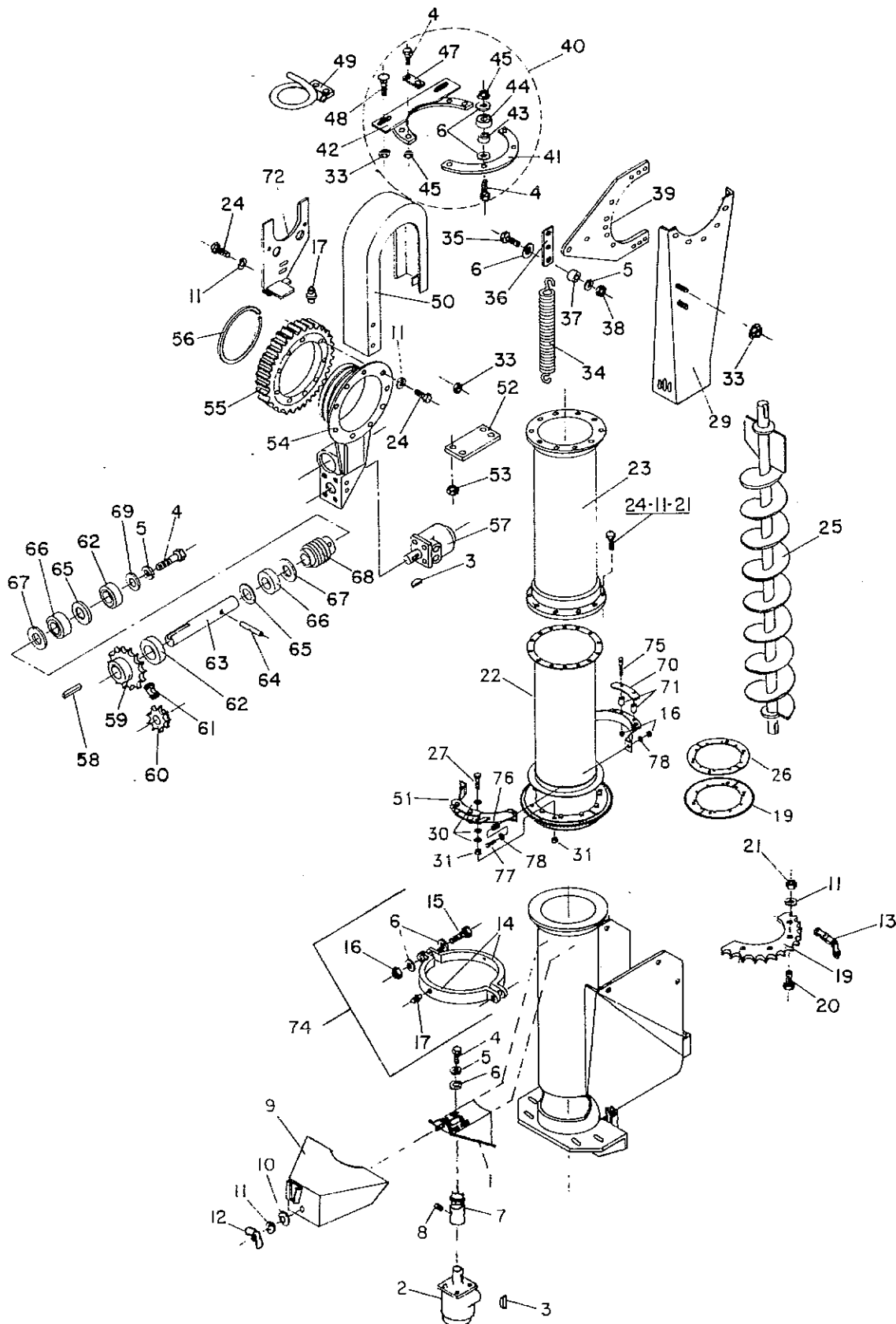
HYDRAULIC AUGER FEEDER



HYDRAULIC AUGER FEEDER

ITEM	PART NUMBER	QTY	DESCRIPTION
1	210440	1	GRATE WELD, AUGER FEEDER
2	210850	1	CHANNEL WELD, GRATE
3	206790	1	UPPER COVER WELD, HYD
4	164630	1	TOP PLATE WELD, HYD
5	164620	1	PLATE, HYD MOTOR MTG
6	210810	1	HOPPER ASSY, STATIONARY
7	206760	1	AUGER WELDMENT, HYD AUGER
8	014280	1	MOTOR, HYDRAULIC 11.8 CU-IN DISPL
9	041740	2	HOSE, HYDRAULIC 1/2" x 16"
10	270620	1	ELBOW, 1/2" x 45 DEG STEET
11	166290	1	TEE, 1/2"
12	166250	1	ADAPTER, STRAIGHT 1/2" M
13	166230	2	ELBOW, 1/2" x 90 DEG STREET
14	161510	1	VALVE, HYDRAULIC FLOW CONTROL
15	150940	1	GRIP, ROUND HANDLE
16	015060	1	DOWN SPOUT, AUGER HOUSING
17	206750	1	HOUSING WELD, AUGER FEEDER
18	210830	1	HOPPER WELD, FOLDING
19	206780	1	ANGLE, L.H.
20	206770	1	ANGLE, R.H.
21	123900	1	SEAL, RUBBER
22	211490	1	ROPE, POLYPROPYLENE 102" LONG
23	012330	2	BEARING, FLANGETTE 3-BOLT
24	012300	1	COLLAR, 1" ECCENTRIC LOCK
25	012310	1	BEARING, ADAPTER 1"
26	152310	1	BRACKET, LEVER STOP
27	150810	1	EXTENSION BRACKET ASSY
28	210860	1	HANDLE, CLUTCH
29	021560	2	GRIP, CLUTCH HANDLE
30	100750	1	SPRING, EXT 7/16" x 5.7"
31	129260	2	CABLE CLIP, 1/8"
32	150830	1	STOP ASSY
33	150880	1	STOP HOLDER
34	159830	1	ROPE ASSY, WIRE 1/8"
35	150820	1	LEVER AND RATCHET ASSY
36	022420	-	BOLT, HHCS 3/8" x 3/4"
37	023060	-	NUT, LOCK 3/8"
38	005900	-	BOLT, HHCS 5/16" x 1"
39	023620	-	WASHER, LOCK 5/16"
40	023630	-	NUT, HEX 5/16"
41	012140	-	BOLT, HHCS 5/16" x 3/4"
42	022920	-	WASHER, FLAT 5/16"
43	020170	-	BOLT, SQ NK CARR 3/8" x 1"
44	021190	-	WASHER, FLAT 3/8"
45	021180	-	WASHER, LOCK 3/8"
46	027260	-	NUT, HEX 3/8"
47	033460	6	SPACER, 3/8" x .28" LONG
48	033320	-	BOLT, STEP 5/16" x 3/4"
49	031560	-	BOLT, HHCS 1/4" x 2-1/2"
50	027660	-	NUT, HEX 1/4"
51	029440	-	WASHER, LOCK 1/4"
52	006880	-	BOLT, HHCS 5/16" x 5/8"
53	025670	-	NUT, LOCK 5/16"
54	049290	4	BOLT, SQ NK CARR 5/16" x 1-1/4"
55	012550	2	PIN, EXPAN 1/4" x 1-1/4"
56	007350	2	HOSE, HYDRAULIC 1/2" x 200"
57	035830	1	HAIRPIN, COTTER 1-3/16" x 3"
58	143700	1	CHAIN, 16 SINGLE JACK
59	212510	2	BUMPER, RUBBER
60	991120	-	SCREW, RD HD MACH #10 x 3/4"
61	120590	-	NUT, HEX #10
62	120600	-	WASHER, LOCK #10
63	W144750056	-	WASHER, FLAT #10
64	023260	-	WASHER, FLAT 1/4"
65	042370	-	NUT, LOCK 1/4"
66	042390	1	SPRING, COMPRESSION
67	044060	-	SCREW, TRHD 1/4" x 1-1/2"
68	030030	-	BOLT, HHCS 5/16" x 1-1/4"
69	150840	-	STOP & HOLDER ASSY

DISCHARGE SECTION - W/HYD. LIFT AND SWING

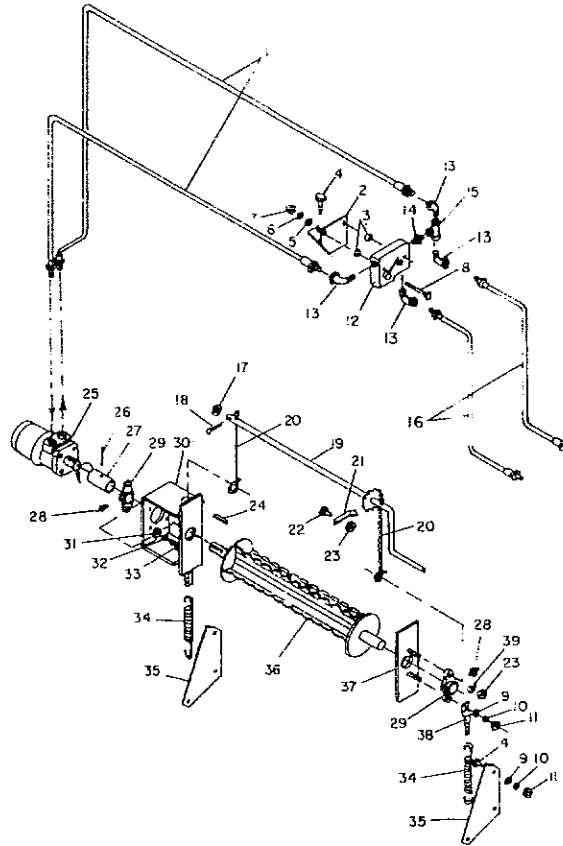


ITEM	PART NUMBER	QTY	DESCRIPTION
1	046080	1	MOUNTING BRACKET, HYD MOTOR
2	111090	1	MOTOR, HYD SWING 23.6 CU-IN DISPL
3	006180	2	KEY, WOODRUFF 1/4" x 1"

DISCHARGE SECTION - W/HYD. LIFT AND SWING

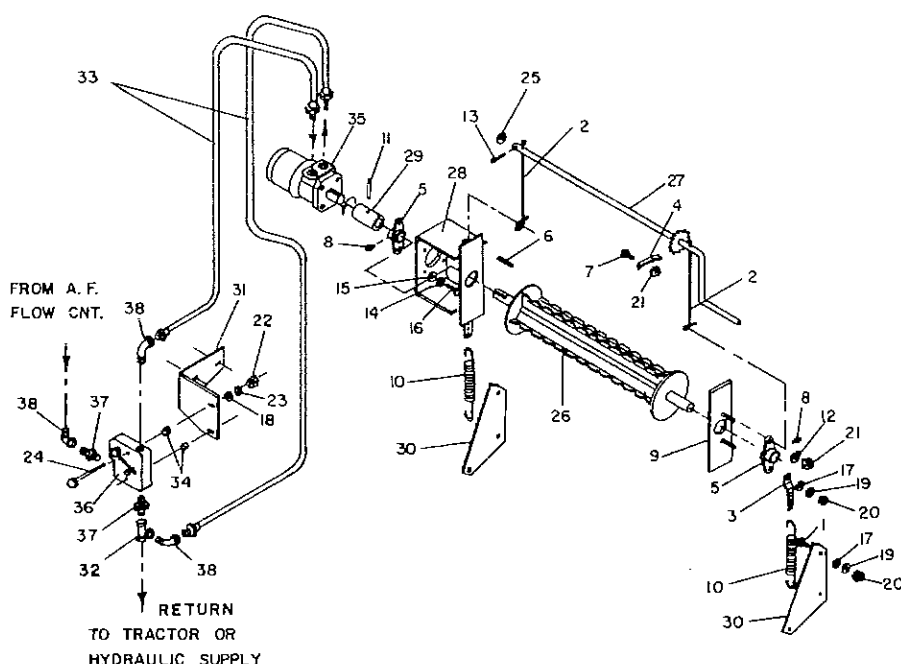
ITEM	PART NUMBER	QTY	DESCRIPTION
4	012260	-	BOLT, HHCS 3/8" x 1"
5	021180	-	WASHER, LOCK 3/8"
6	021190	-	WASHER, FLAT 3/8"
7	032770	1	SPROCKET WELD 40B8 SPECIAL
8	010990	-	SCREW, HEX 5/16" x 5/16"
9	349580	1	SHIELD, SWIVEL W/DECAL
10	022920	-	WASHER, FLAT 5/16"
11	023620	-	WASHER, LOCK 5/16"
12	009790	-	NUT, WING 5/16"
13	032780	1	CHAIN, #40-86P
14	188340	2	SWIVEL CLAMP WELD, HEAVY
15	990820	-	BOLT, HHCS 3/8" x 3"
16	023060	-	NUT, HEX LOCK 3/8"
17	115590	-	FITTING, 1/4" LUBE STRAIGHT
18			
19	133480	1	SPROCKET, 40A80 SPLIT
20	005900	-	BOLT, HHCS 5/16" x 1"
21	023630	-	NUT, HEX 5/16"
22	206320	1	TUBE WELD, HYD. LOWER VERT 18"
23	215790	1	TUBE WELD, HYD. UPPER VERT 18"
24	012140	-	BOLT, HHCS, 5/16" x 3/4"
25	206310	1	AUGER WELD, VERT DISCH. 73-1/4"
26	349490	-	PLATE, SPROCKET BOLT
27	023950	-	BOLT, HHCS 1/2" x 2"
28	025670	-	NUT, HEX LOCK 5/16"
29	147530	1	VERTICAL ARM WELD
30	1120396	-	WASHER, FLAT 1/2"
31	005360	-	NUT, HEX 1/2"
33	020190	-	NUT, HEX FLANGE LOCK 5/16"
34	145590	1	SPRING, EXTENSION
35	006690	-	BOLT, HHCS 3/8" x 1-1/4"
36	145580	1	BAR, SPRING HOLDING
37	033460	1	SPACER, 3/8" x 9/32" LONG
38	027260	-	NUT, HEX 3/8"
39	113560	1	LIFT LEVER
40	151530	1	BEARING MTG ASSY, COMPLETE W/HARDWARE
41	046060	1	RING HALF, BEARING MOUNTING
42	046020	1	RING WELD HALF, BEARING MOUNTING
43	038380	4	SPACER, BEARING
44	013750	4	BEARING, BALL 1/2"
45	020180	-	NUT, HEX FLANGE LOCK 3/8"
46	011370	-	BOLT, HHCS 3/8" x 1-1/2"
47	046130	2	BAR, SWIVEL RING SPLICE
48	012410	-	BOLT, SQ NK CARR, 5/16" x 3/4"
49	212610	1	HOSE HOLDER WELD
50	161550	1	SHIELD, RING & WORM GEAR W/DECAL
51	349500	2	BAND ASSY, HALF
52	113070	1	PLATE, OIL
53	023270	-	NUT, HEX FLANGE LOCK 1/4"
54	133850	1	HYD. RING & WORM HOLDER WELD
55	145450	1	GEAR, RING-HYDRAULIC
56	104360	2	RING, SNAP HEAVY
57	014280	1	MOTOR, HYD. LIFT 11.8 CU-IN DISPL
58	011500	-	KEY, SQ 1/4" x 1-1/2"
59	006630	1	SPROCKET, 40B18 1" BORE
60	014940	1	SPROCKET, 40B13 1" BORE
61	006850	1	CHAIN, #40-38P
62	169730	2	BEARING, BALL 1" BORE COD
63	1802909	1	SHAFT, WORM-HYD
64	1802801	-	PIN, EXPAN 5/16" x 1-3/4"
65	042180	-	WASHER, FLAT 1"
66	1803301	2	BEARING, THRUST 1" DIA
67	003370	-	WASHER, HEAVY FLAT 1"
68	1803204	1	WORM, HARDENED 1"
69	012270	-	WASHER, FLAT 3/8"
70	349470	2	PLATE, CLAMP
71	349480	4	SPACER, .675" x .493" x .875"
72	161600	1	SHIELD, INSIDE HYD W/DECAL
73	022420	-	BOLT, HHCS 3/8" x 3/4"
74	188380	-	KIT, HD CLAMP (INCLUDES HARDWARE)
75	018150	-	BOLT, HHCS 3/8" x 1-3/4"
76	258540	2	SPRING, COMPRESSION
77	037790	-	BOLT, HHCS 3/8" x 2"
78	1120394	-	WASHER, FLAT 3/8"

ROLL FEED HYDRAULIC - W/O AUGER FEEDER



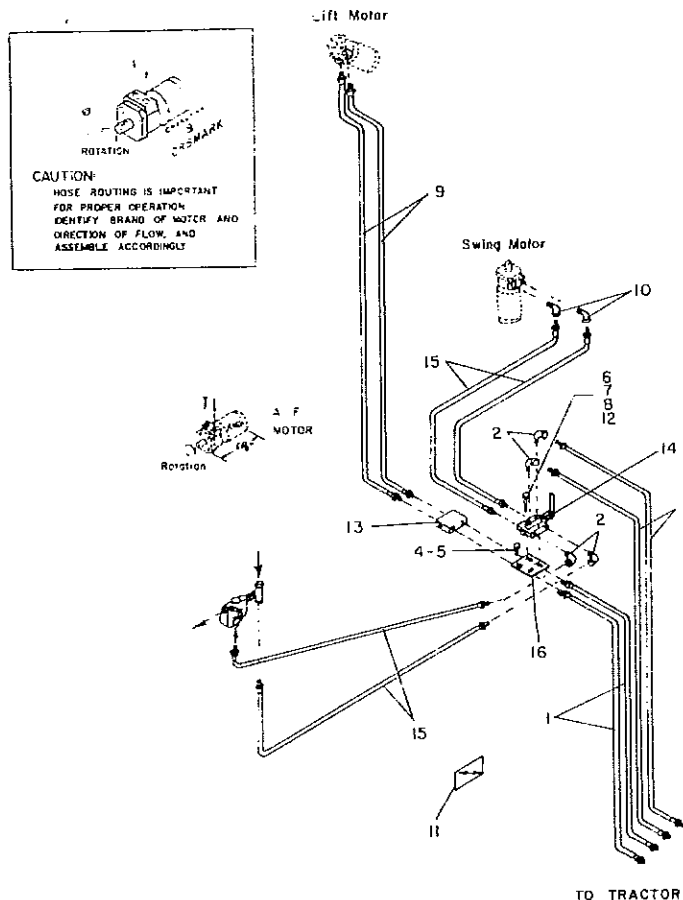
ITEM	PART NUMBER	QTY	DESCRIPTION
1	046640	2	HOSE, HYDRAULIC 1/2" x 30"
2	213000	1	BRACKET, CONTROL VALVE W/O A.F.
3	033460	2	SPACER, 3/8" x 9/32"
4	005900	-	BOLT, HHCS 5/16" x 1"
5	023260	-	WASHER, FLAT 1/4"
6	029440	-	WASHER, LOCK 1/4"
7	027660	-	NUT, HEX 1/4"
8	031560	-	BOLT, HHCS 1/4" x 2-1/2"
9	022920	-	WASHER, FLAT 5/16"
10	023620	-	WASHER, LOCK 5/16"
11	023630	-	NUT, HEX 5/16"
12	161510	1	VALVE, HYDRAULIC FLOW CONTROL
13	166230	2	ELBOW, 1/2" x 90 DEG STREET
14	166250	1	ADAPTER, STRAIGHT 1/2" M
15	166290	1	TEE, 1/2"
16	164560	2	HOSE, HYDRAULIC 1/2" x 120"
17	035210	-	WASHER, FLAT 5/8"
18	020700	-	PIN, COTTER 5/32" x 1"
19	007960	1	CRANK WELD, ROLL FEED
20	007880	2	CABLE, ADJUSTMENT
21	007930	1	LOCK, RATCHET
22	012140	-	BOLT, HHCS 5/16" x 3/4"
23	025670	-	NUT, LOCK 5/16"
24	011530	-	KEY, SQ 1/4" x 1-1/4"
25	014280	1	MOTOR, HYDRAULIC 11.18 CU-IN DISPL
26	018920	-	PIN, EXPAN 1/4" x 1-3/4"
27	160140	1	COLLAR, SHAFT ROLL FEED
28	013170	2	FITTING, 1/8" NPT SHORT GREASE
29	011200	2	BEARING, ROLL FEED
30	160130	1	MOTOR MOUNT WELD, R.F.
31	021190	-	WASHER, FLAT 3/8"
32	021180	-	WASHER, LOCK 3/8"
33	022420	-	BOLT, HHCS 3/8" x 3/4"
34	017200	2	SPRING, EXT ROLL FEED
35	007910	2	BRACKET, LOWER SPRING
36	013340	1	ROLLER WELD, ROLL FEED
37	013330	1	PLATE, SLIDING
38	007900	1	BRACKET, UPPER SPRING
39	019050	-	WASHER, SPECIAL LOCK

ROLL FEED HYDRAULIC W/HYDRAULIC AUGER FEEDER



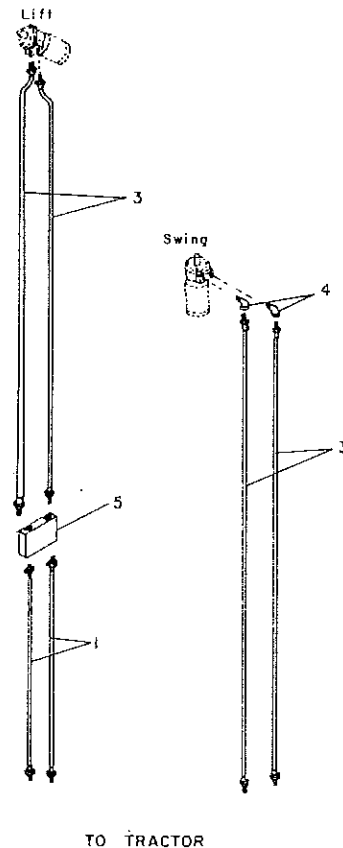
ITEM	PART NUMBER	QTY	DESCRIPTION
1	005900	-	BOLT, HHCS 5/16" x 1"
2	007880	2	CABLE, ADJUSTMENT
3	007900	1	BRACKET, UPPER SPRING
4	007930	1	LOCK, RATCHET
5	011200	2	BEARING, ROLL FEED
6	011530	1	KEY, SQ 1/4" x 1-1/4"
7	012140	-	BOLT, HHCS 5/16" x 3/4"
8	013170	2	FITTING, GREASE
9	013330	1	PLATE, SLIDING
10	017200	2	SPRING, EXT. ROLL FEED
11	018920	1	PIN, EXPAN 1/4" x 1-3/4"
12	019050	-	WASHER, SPECIAL LOCK
13	020700	-	PIN, COTTER 5/32" x 1"
14	021180	-	WASHER, LOCK 3/8"
15	021190	-	WASHER, FLAT 3/8"
16	022420	-	BOLT, HHCS 3/8" x 3/4"
17	022920	-	WASHER, FLAT 5/16"
18	023260	-	WASHER, FLAT 5/16"
19	023620	-	WASHER, LOCK 5/16"
20	023630	-	NUT, HEX 5/16"
21	025670	-	NUT, SELF LOCK 5/16"
22	027660	-	NUT, HEX 1/4"
23	029440	-	WASHER, LOCK 1/4"
24	031560	-	BOLT, HHCS 1/4" x 2-1/2"
25	035210	-	WASHER, FLAT 5/8"
26	013340	1	ROLLER WELD, ROLL FEED
27	007960	1	CRANK WELD, ROLL FEED
28	160130	1	MOTOR MOUNT WELD, ROLL FEED
29	160140	1	COLLAR, SHAFT ROLL FEED
30	007910	2	BRACKET, LOWER SPRING
31	212660	1	BRACKET, FLOW CONTROL
32	166290	1	TEE, 1/2"
33	023170	2	HOSE, HYDRAULIC 1/2" x 55"
34	033460	2	SPACER, 3/8" x 9/32"
35	014280	1	MOTOR, HYDRAULIC 11.8 CU-IN DISPL
36	161510	1	VALVE, HYDRAULIC FLOW CONTROL
37	166250	2	ADAPTER, STRAIGHT 1/2" M
38	166230	3	ELBOW, 1/2" x 90 DEG STREET

HYDRAULIC PARTS, LIFT AND SWING W/HYDRAULIC AUGER FEEDER



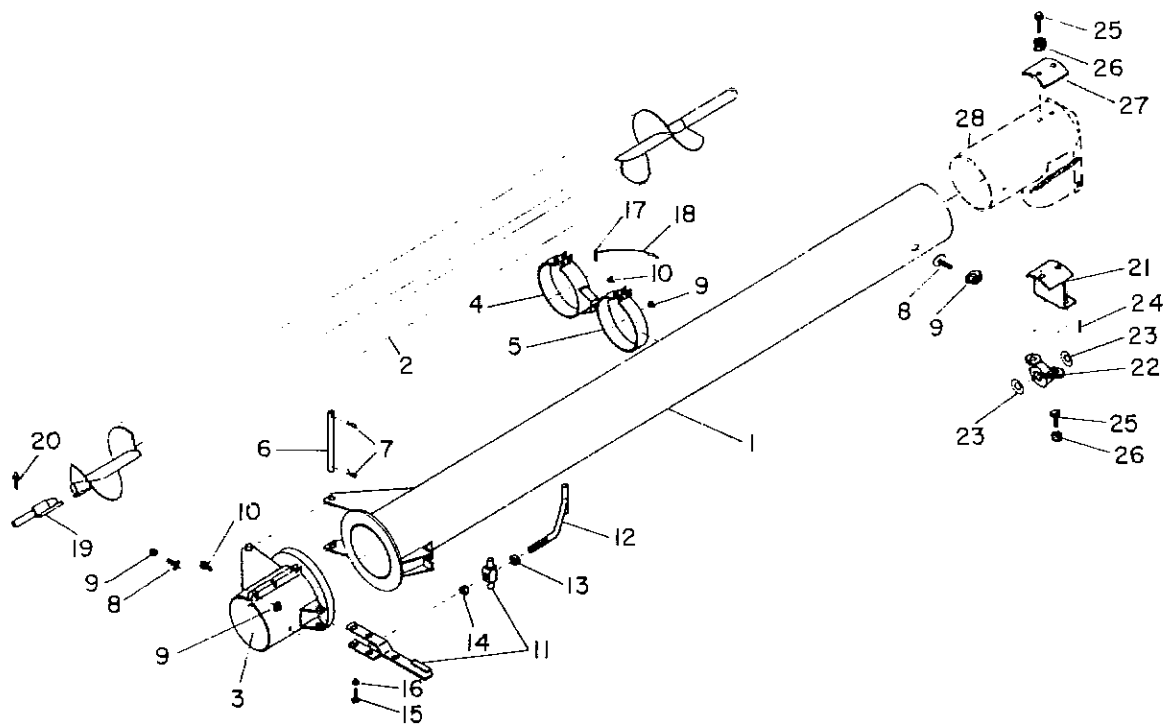
ITEM	PART NUMBER	QTY	DESCRIPTION
1	005741	2	HOSE, HYDRAULIC 1/2" x 61"
2	166230	4	ELBOW, STREET 1/2" x 90 DEG
3		-	
4	012260	-	BOLT, HHCS 3/8" x 1"
5	020180	-	NUT, HEX FLANGE LOCK 3/8"
6	022920	-	WASHER, FLAT 5/16"
7	023620	-	WASHER, LOCK 5/16"
8	023630	-	NUT, HEX 5/16"
9	046090	2	HOSE, HYDRAULIC 1/2" x 20FT
10	252370	2	SPECIAL ELBOW, 1/2" x 90 DEG
11	159460	1	DECAL, VALVE DIRECTION
12	160230	-	BOLT, HHCS 5/16" x 3"
13	163280	1	VALVE, DUAL RELIEF 800 P.S.I.
14	163290	1	VALVE, DOUBLE SELECTOR
15	164560	6	HOSE, HYDRAULIC 1/2" x 120"
16	215100	1	PLATE WELD, SELECTOR VALVE

HYDRAULIC PARTS, LIFT AND SWING W/O HYDRAULIC AUGER FEEDER



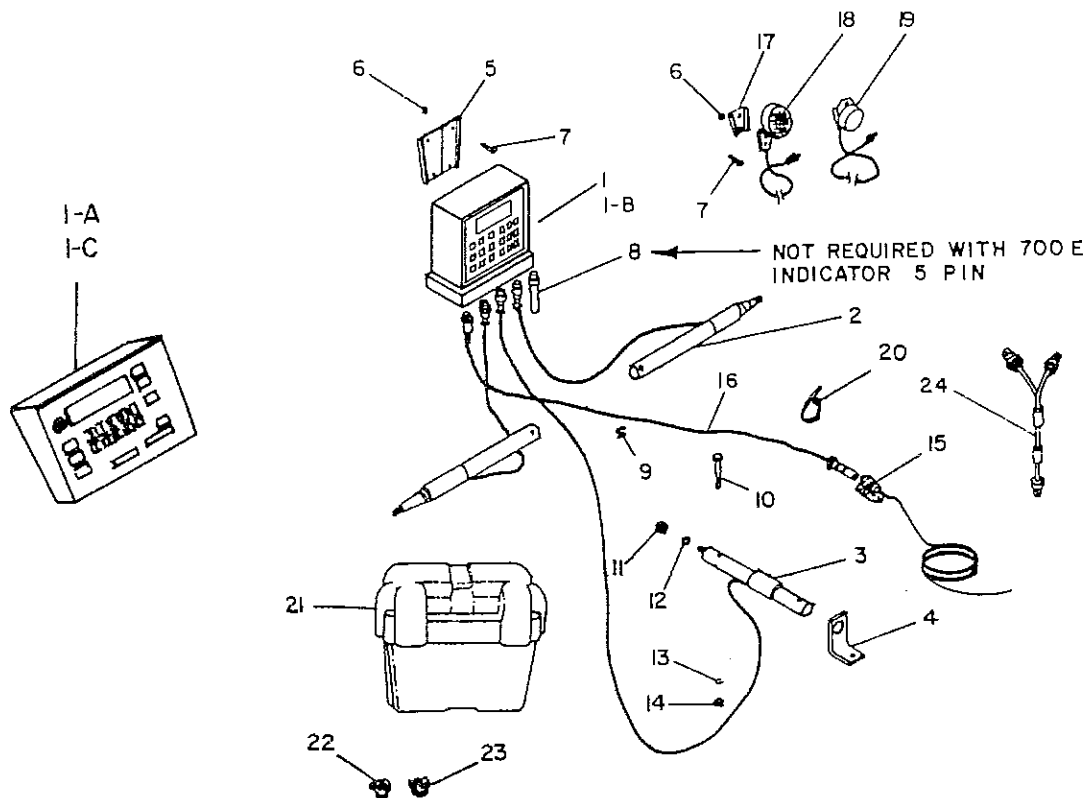
ITEM	PART NUMBER	QTY	DESCRIPTION
1	005741	2	HOSE, HYDRAULIC 1/2" x 61"
2		-	
3	046090	4	HOSE, HYDRAULIC 1/2" x 20FT
4	252370	2	SPECIAL ELBOW, 1/2" x 90 DEG
5	163280	1	VALVE, DUAL RELIEF 800 P.S.I.

FOLDING DISCHARGE AUGER EXTENSION 3' AND 6'



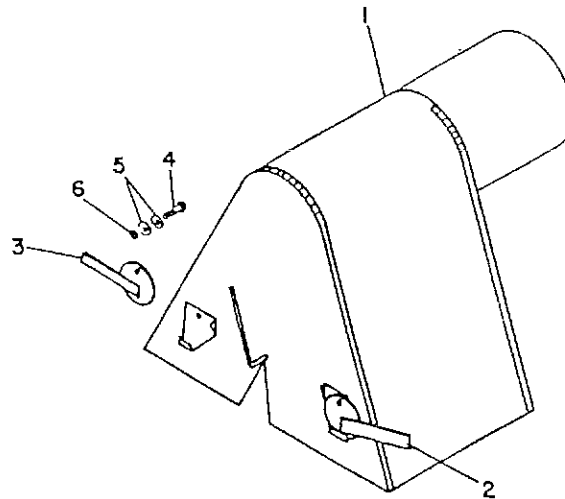
ITEM	PART NUMBER	QTY	DESCRIPTION
1	152150	1	TUBE, 3FT EXTENSION
1	152160	1	TUBE, 6FT EXTENSION
2	171090	1	AUGER, 3FT EXTENSION
2	171130	1	AUGER, 6FT EXTENSION
3	162110	1	CLAMP-ON PIVOT WITH DECALS
3	144650	2	DECAL-AUGER ENGAGEMENT
4	134240	1	CLAMP BAND WITH STRAP
5	134290	1	CLAMP BAND WITH PIN
6	144640	1	PIVOT PIN, 1/2" x 8-1/2"
7	034360	-	PIN, COTTER 1/8" x 1"
8	028230	-	SCREW, SLHD 5/16" x 3/4"
9	020190	-	NUT, HEX FLANGE LOCK 5/16"
10	012140	-	BOLT, HHCS 5/16" x 3/4"
11	127830	1	LOCKING HANDLE WITH PIVOT
12	144270	1	T-BAR HANDLE
13	005360	-	NUT, HEX 1/2"
14	127890	-	NUT, LOCK 1/2"
15	012410	-	BOLT, SQ NK CARR 5/16" x 3/4"
16	025670	-	NUT, LOCK 5/16"
17	035830	-	PIN, HAIR 3/16" x 3"
18	143700	1	CHAIN, 8" LONG
19	171160	1	PILOT DRIVE SHAFT
20	008780	-	SCREW, SET SQHD 7/16" x 3/4"
21	134320	1	HANGER WELD, BEARING
22	134310	1	BEARING, PILLOW BLOCK 1-1/8" WOOD
23	020650	-	WASHER, FLAT 1-1/8"
24	013600	1	PIN, EXPAN 1/4" x 2"
25	022420	-	BOLT, HHCS 3/8" x 3/4"
26	020180	-	NUT, HEX FLANGE LOCK 3/8"
27	152200	1	PLATE, BEARING MOUNTING
28	152100	1	HOOD ASSY, DISCHARGE

ELECTRONIC SCALE ASSEMBLY

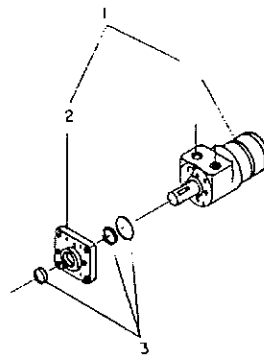


ITEM	PART NUMBER	5-PIN	4-PIN	DESCRIPTION
1	219794	1	-	INDICATOR, 1000 SCALE 5-PIN
1A	243110	1	-	INDICATOR, 700 SCALE 5-PIN (NO ADAPTER PLUG REQ)
1B	223894	-	1	INDICATOR, 1000R SCALE 4-PIN
1C	243130	-	1	INDICATOR, 700 SCALE 4-PIN
2	040581	2	-	WEIGHBAR, AXLE 5-PIN
2	040580	-	2	WEIGHBAR, AXLE 4-PIN
3	219870	1	-	WEIGHBAR, HITCH 5-PIN
3	132250	-	1	WEIGHBAR, HITCH 4-PIN
4	036740	1	1	CLEVIS, HITCH
5	036670	1	1	BRACKET, INDICATOR
6	023270	-	-	NUT, FLANGE LOCK 1/4"
7	021240	-	-	SCREW, TRUSS HEAD 1/4" x 1/2"
8	219880	1	-	PLUG, 5-PIN 1000 INDICATOR ONLY
8	036760	-	1	PLUG, 4-PIN ADAPTER
9	036890	3	3	WIRE CLIP
10	990960	-	-	BOLT, HHCS 3/4" x 4-1/2"
11	147310	-	-	NUT, HEX 1"
12	003350	-	-	WASHER, LOCK SPRING TYPE 1"
13	036800	-	-	WASHER, LOCK SPRING TYPE 3/4"
14	036750	-	-	NUT, HEX 3/4"
15	036780	1	1	FEMALE CONNECTOR
16	147060	1	1	POWER CORD, DIGITAL 23'
17	039261	-	-	BRACKET
18	111900	-	-	WARNING LIGHT, DIGITAL
19	111880	-	-	WARNING HORN, DIGITAL
20	149670	12	12	PLASTIC TIE
21	039690	-	-	BATTERY BOX
22	135440	-	-	BATTERY CLAMP, POSITIVE
23	135450	-	-	BATTERY CLAMP, NEGATIVE
24	199090	-	-	DUAL ADAPTER

DOUBLE DISCHARGE TUBE SACKER ATTACHMENT



ITEM	PART NUMBER	QTY	DESCRIPTION
1	046650	1	TWO WAY BAGGER, HOUSING
2	034670	1	BAG LOCK, R.H.
3	034660	1	BAG LOCK, L.H.
4	005900	-	BOLT, HHCS 5/16" x 1"
5	022920	-	WASHER, FLAT 5/16"
6	025670	-	NUT, LOCK 5/16"



HYDRAULIC MOTOR KITS

ITEM	PART NUMBER	QTY	DESCRIPTION
1	014280	-	MOTOR, HYDRAULIC (LIFT & AUGER FEEDER)
1	111090	-	MOTOR, HYDRAULIC (SWING)
2	1799207	-	FLANGE KIT, CHAR-LYNN (014280 & 111090)
2	217500	-	FLANGE KIT, DURST ORBMARK (014280 & 111090)
3	1780808	-	SEAL KIT, CHAR-LYNN (014280 & 111090)
3	217490	-	SEAL KIT, DURST ORBMARK (014280 & 111090)
3	1780700	-	SEAL KIT, ROSS TRW (014280 & 111090) *SERIES MAC #MAC500002
3	242510	-	SEAL KIT, ROSS TRW (014280 & 111090) *SERIES MAG #MAC500001
3	243040	-	SEAL KIT, ROSS TRW (014280 & 111090) *SERIES MG *SK000090

*NOTE KIND AND SERIES OF MOTOR USED.

PAINT AND DECALS

PART NUMBER	QTY	DESCRIPTION
043121	-	SPRAY CAN, ART'S-WAY GREEN
043161	-	SPRAY CAN, ART'S-WAY YELLOW
021990	-	QUART CAN, ART'S-WAY GREEN
022000	-	QUART CAN, ART'S-WAY YELLOW
022010	-	GALLON CAN, ART'S-WAY GREEN
022020	-	GALLON CAN, ART'S-WAY YELLOW
219510	-	DECAL SET, 475

SPECIFICATIONS

TANK AND FRAME

Capacity of mixing tank 105 bu. (129 cu.ft.)
Height (variable with tire size). 106 inches
Width with scoopboard. 88-1/2 inches
Width with auger feeder. 95 inches
Overall length. 170 inches

DISCHARGE AUGER

Auger Diameter. 7.0 inches
Auger Tube Diameter. 8.0 inches
10 Foot main auger at 60 deg. angle. 16'7" height
Horizontal operating arc. 324 degrees
Vertical operating arc. infinite

AUGER FEEDER

Auger length. 100 inches
Auger diameter. 10 inches
Hopper width open. 43 inches
Height of hopper from ground in down position . . 16-1/2 inches

Adjustable to four speeds mechanical or infinitely variable hydraulic drive.

HAMMERMILL

Width of mill Full 20 inches
Screen area 600 sq. inches
Operating speed of PTO. 540 OR 1000 rpm
Operating speed of mill 2800-3000 rpm
Screen sizes available: 1/8, 5/32, 3/16, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1-1/4, 1-1/2, 2
Type drive. Six double banded 3V belts for 540 or 1000 rpm
Power required 40 to 100 hp

Mixer can be operated with hammermill drive pin disengaged from input drive pulley. Hardened swinging hammers reversible four times. Heavy duty 2-1/4" main shaft with 2" self-aligning dust sealed heavy-duty pillow block bearings. Swing open door with over center latch allows quick removal and installation of screen.

Weight (incl. auger drag, roll feed, magnet). 3350 lbs.

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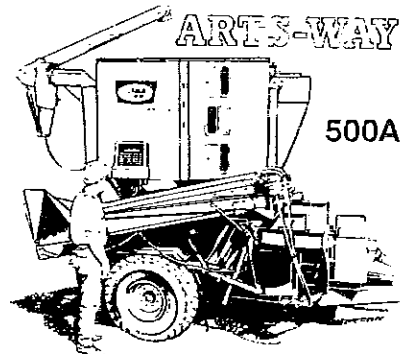
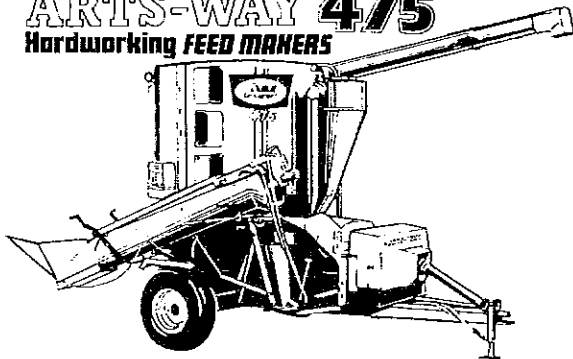
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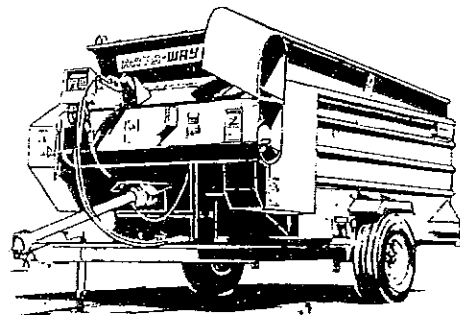
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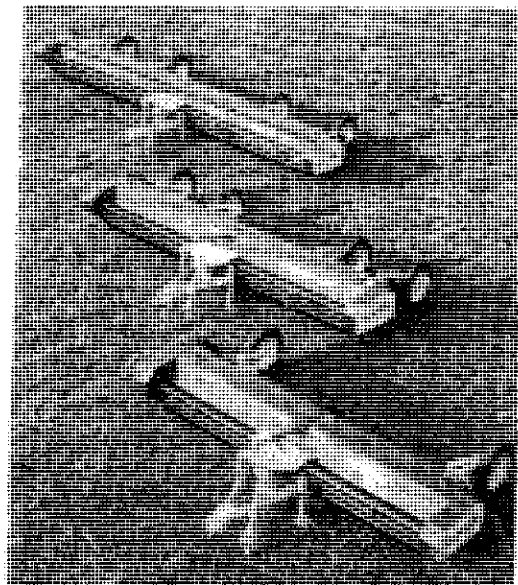
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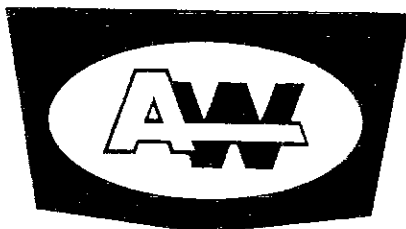
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