

ARTS-WAY

GRIXXER FEED MIXER AND MILL

PARTS MANUAL

ARTS-WAY MANUFACTURING CO., INC.
ARMSTRONG, IOWA 50514
(712) 864-3131

348820

0891

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 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.

(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 factors:

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.

NOTICE TO CUSTOMER

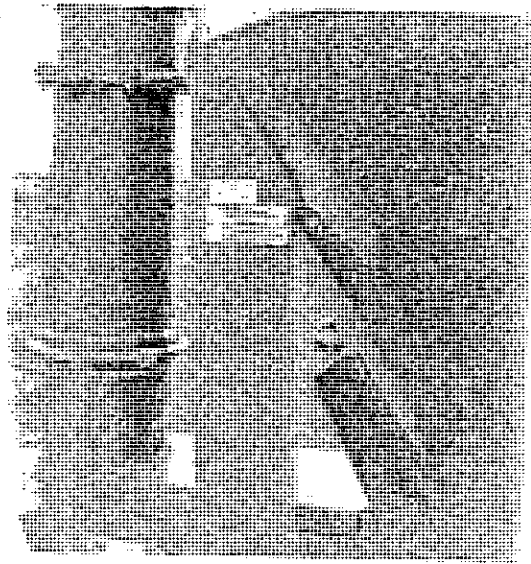
The illustration and data used in this manual were current at the time of printing, but due to possible in-line production changes, your machine may vary slightly in detail. We reserve the right to redesign and change the machine as may be necessary without notification.

The warranty for this machine appears on page 2 of this manual. Record the model and serial number of your Grinder Mixer in the spacer provided on previous page.

The warranty registration form in the Parts Manual must be completed and returned to the factory in order to establish proper WARRANTY.

Whenever you correspond with the company, distributor or dealer concerning this machine, please specify model number and serial number.

This manual contains operating instructions for the GRIXXER Grinder-Mixer unit. This manual does not replace any other manual.



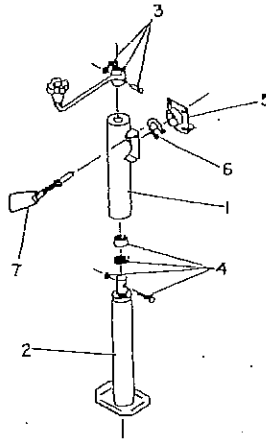
MACHINE SERIAL NO. LOCATION
(RIGHT REAR TANK SUPPORT)

NOTES

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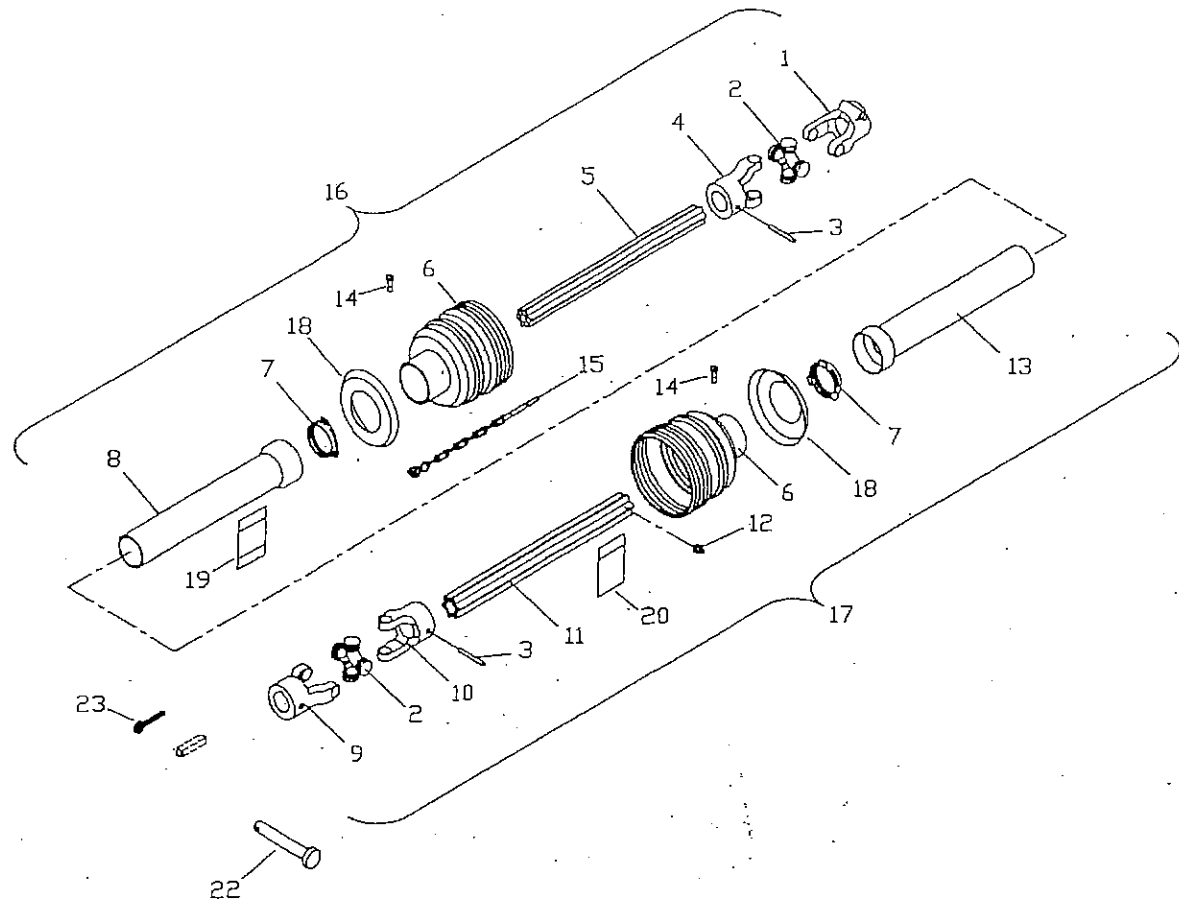
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JACK ASSEMBLY



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
			PLUNGER ASSEMBLY

PTO ASSEMBLY - 349070



ITEM	PART NUMBER	QTY	DESCRIPTION
1	182870	1	YOKE, SPLINE Q.D. 1-3/8"-6B 340130
2	182230P	2	KIT, CROSS & BEARING
3	196740	2	PIN, SPRING 10mm x 90mm
4	196730	1	YOKE, S4 INBOARD
5	340110	1	PROFILE, INNER
6	340140	2	CONE, SHIELD 7 RIB
7	189200	2	RING, BEARING SC25
8	340150	1	TUBE, OUTER SHIELD
9	349230	1	YOKE, 1-5/8" R.B. W/KEYWAY.
10	196770	1	YOKE, S5 INBOARD
11	349220	1	PROFILE, OUTER
12	196890	-	ZERK, DRIVE 3/16"
13	349240	1	TUBE, INNER SHIELD
14	345980	-	SCREW
15	182890	1	CHAIN, SAFETY
16	349200	1	HALF PTO, TRACTOR
17	349210	1	HALF PTO, IMPLEMENT
18	349250	2	COLLAR, REINFORCED
19	268860	1	DECAL, DANGER, ROTATING DRIVE
20	340180	1	DECAL, DANGER, SHIELD MISSING
21	182860	1	KIT, Q.D. PIN (for item 1)
22	036480	-	PIN, CLEVIS 5/16" x 3"
23	034360	-	PIN, COTTER 1/8" x 1"

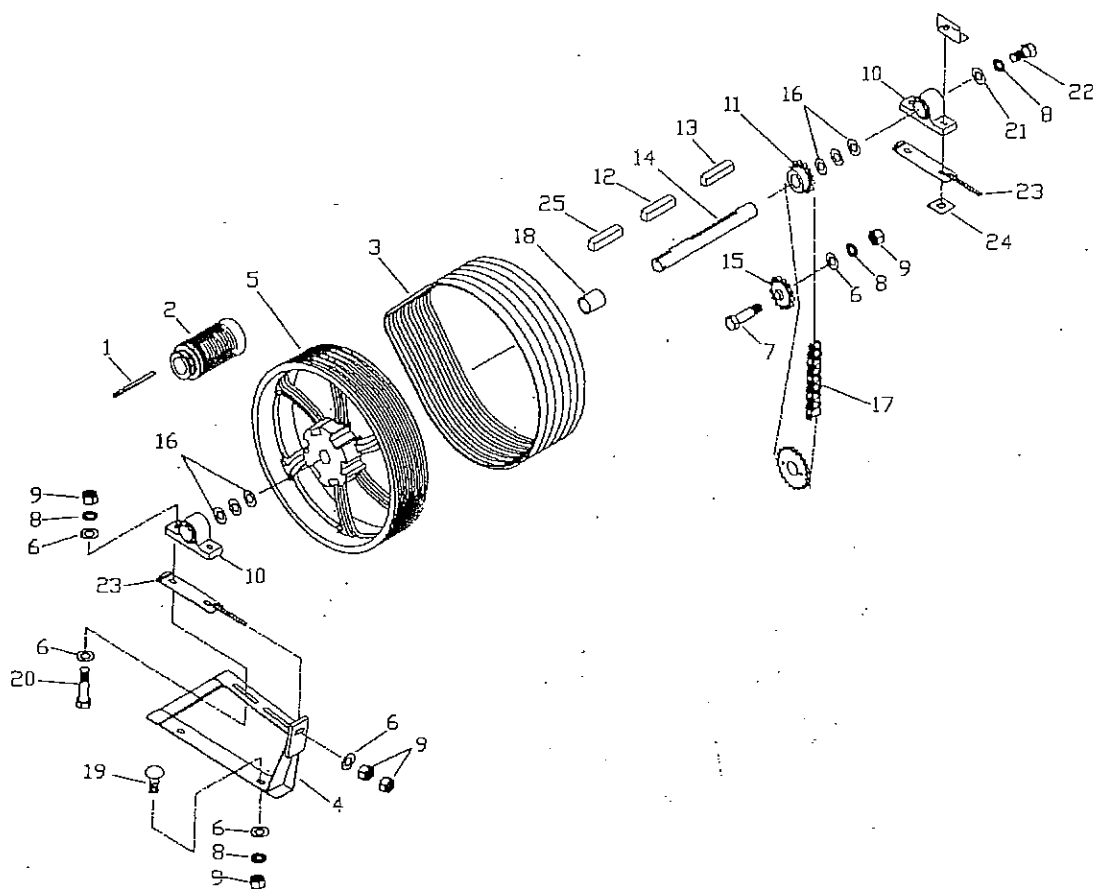
This exploded view diagram illustrates the assembly of the ARTS-WAY Model 1000A machine. The main components are labeled as follows:

- 1**: Left side panel
- 2**: Screws for side panels
- 3**: Top cover plate
- 4**: Front panel with "ARTS-WAY" logo
- 5**: Base frame
- 6**: Main body housing
- 7**: Right side panel
- 8**: Access panel
- 9**: Internal divider
- 10**: Bottom support plate
- 11**: Support rod
- 12**: Rod end fittings
- 13**: Front panel latch
- 14**: Latch pin
- 15**: Latch plate
- 16**: Screws for base and side panels
- 17**: Washers
- 18**: Spacers
- 19**: Nuts
- 20**: Locking pins
- 21**: Locking pins (alternative view)
- 22**: Base screw
- 23**: Side panel latch
- 24**: Latch pin
- 25**: Latch plate
- 26**: Front panel latch
- 27**: Small rectangular component

The diagram shows the spatial relationship between these parts, with dashed lines indicating the assembly path. The front panel (4) features the "ARTS-WAY" brand name. The base (5) and side panels (1, 7) are secured with screws (2, 16). The internal components (8, 9, 10, 11, 12) are held in place by washers (17), spacers (18), and nuts (19). The front panel is latched with pins (14, 20, 21) and plates (15, 25, 26).

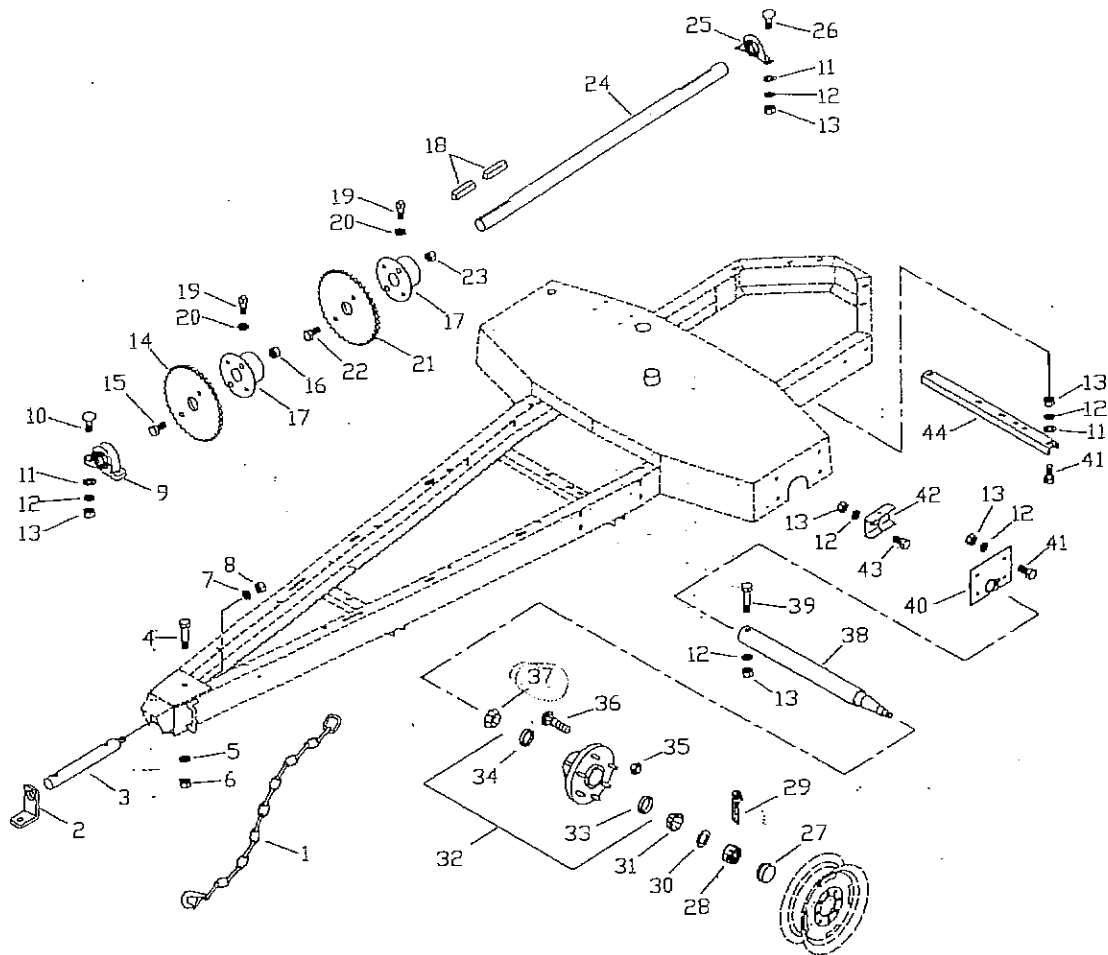
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BELT DRIVE



ITEM	PART NUMBER	QTY	DESCRIPTION
1	110390	1	KEY, TAPERED
2	349880	1	PULLEY, 14 GROOVE
3	021080	1	BELTS, 3V800, 6 BANDS OF TWO, MATCHED
4	348580	1	MOUNT WLDT.
5	348650	1	PULLEY, BORE 22.6 O.D. 1-5/8"
6	005200	-	WASHER, FLAT .562" x 1.375" x .109"
7	031580	-	BOLT, HHCS 1/2" x 2-3/4"
8	005370	-	WASHER, LOCK 1/2"
9	005360	-	NUT, HEX 1/2"
10	013960	2	BEARING, PILLOW BLOCK 1-5/8"
11	041470	1	SPROCKET, 60B16, 1-5/8" BORE W/3/8" KEYWAY
12	030380	-	KEY, SQ 3/8" x 3"
13	013510	-	KEY, SQ 3/8" x 1-1/4"
14	348570	1	JACK SHAFT, HAMMERMILL
15	021840	1	SPROCKET, IDLER 60-15T
16	041460	-	WASHER, FLAT 1.63" x 2.0" x .134
17	214160	1	CHAIN, ROLLER #60 90P
18	010130	1	LINK, OFFSET #60
19	010120	1	LINK, CONNECTOR #60
20	348560	1	SPACER
21	E096046	-	BOLT, CRG. 1/2" x 1-1/2"
22	013790	-	BOLT, HHCS 1/2" x 2-1/4"
23	035679	-	WASHER, FLAT .53" x 2.00" x .194"
24	E672030	-	BOLT, HHCS 1/2" x 3/4"
25	347070	2	TIGHTENER WLDT, DRIVE BELT
	035780	2	SPACER
	021530	-	KEY, SQ 3/8" x 2"

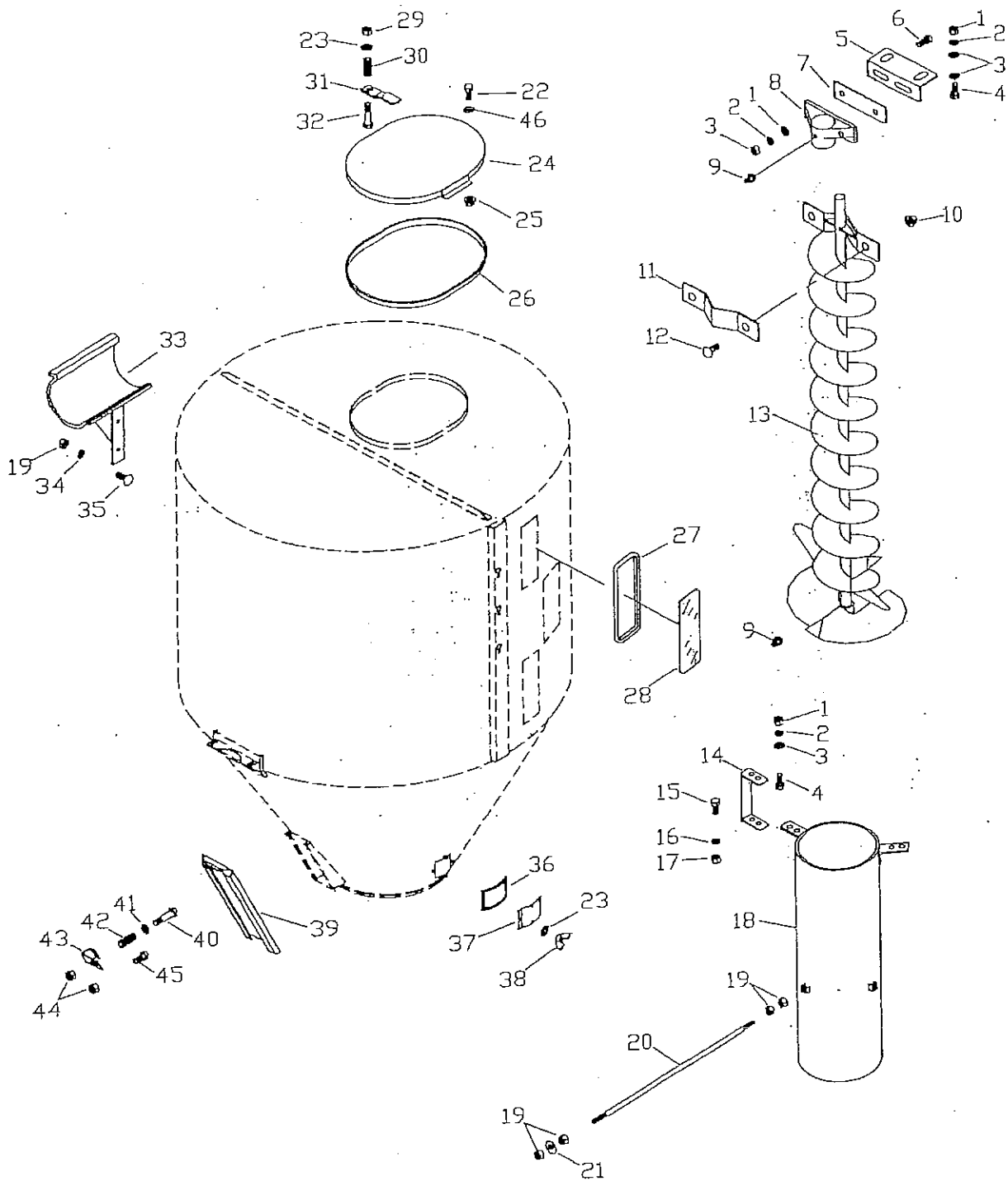
FRAME & LOWER SHAFT



FRAME & LOWER SHAFT - 348290

ITEM	PART NUMBER	QTY	DESCRIPTION
1	1765302	1	CHAIN, SAFETY 5 FT
2	036740	1	CLEVIS, HITCH 1-7/8"
3	124780	1	BAR, HITCH (W/O SCALE)
4	990960	1	BOLT, HHCS 3/4" x 4-1/2"
5	003350	-	WASHER, LOCK 1"
6	147310	-	NUT, HEX 1"
7	036800	-	WASHER, LOCK, 3/4"
8	036750	-	NUT, HEX 3/4"
9	035090	1	BEARING, PILLOW BLOCK 1-1/4" W/LOCK COLLAR
10	025390	-	BOLT, CRG 1/2" x 1-3/4" SSN
11	005200	-	WASHER, FLAT .562" x 1.375" x .109"
12	005370	-	WASHER, LOCK 1/2"
13	005360	-	NUT, HEX 1/2"
14	039190	1	SPROCKET, 1-1/4" BORE 60A25
15	012260	-	BOLT, HHCS 3/8" x 1"
16	023050	-	NUT, HEX 3/8" LOCK
17	020080	2	HUB, SHEAR 1-1/4"
18	020220	-	KEY, SQ 5/16" x 1-1/4"
19	033510	-	SCREW, SQ HEAD SET 5/16" x 3/4"
20	033500	-	NUT, HEX 5/16" JAM
21	039200	1	SPROCKET, 1-1/4" BORE 40A28
22	1780204	-	BOLT, HHCS 1/4" x 1"
23	042370	-	NUT, HEX 1/4" LOCK
24	131810	1	SHAFT, MIXER DRIVE
25	035080	1	BEARING, PILLOW BLOCK 1-1/4" W/LOCK COLLAR
26	156850	-	BOLT, CRG 1/2" x 1-1/2" SSN
27	035420	2	CAP, HUB 2-1/2"
28	020710	-	NUT, HEX 3/4" SLOTTED
29	026630	-	PIN, COTTER 5/32" x 1-1/2"
30	020720	-	WASHER, FLAT .812" x 1.75" x .179"
31	012630	2	CONE, BEARING 1-1/4"
32	016530	2	HUB, 6-BOLT (INCLUDES ITEM 33-36)
33	018860	-	CUP, BEARING
34	018850	-	CUP, BEARING
35	020730	-	NUT, HEX 1/2" LUG
36	020740	-	BOLT, WHEEL STUD 1/2" x 1-1/2"
37	016520	2	CONE, BEARING 1-3/8"
38	041400	2	SPINDLE, WHEEL (W/O SCALE)
39	038560	1	BOLT, HHCS 1/2" x 4"
40	037040	2	BRACKET, AXLE MOUNTING OUTER
41	010730	-	BOLT, HHCS 1/2" x 1-1/4"
42	041430	2	BRACKET, AXLE MOUNTING INNER
43	014770	-	BOLT, HHCS 1/2" x 1-1/2"
44	210050	1	CHANNEL, REAR BEARING MOUNTING

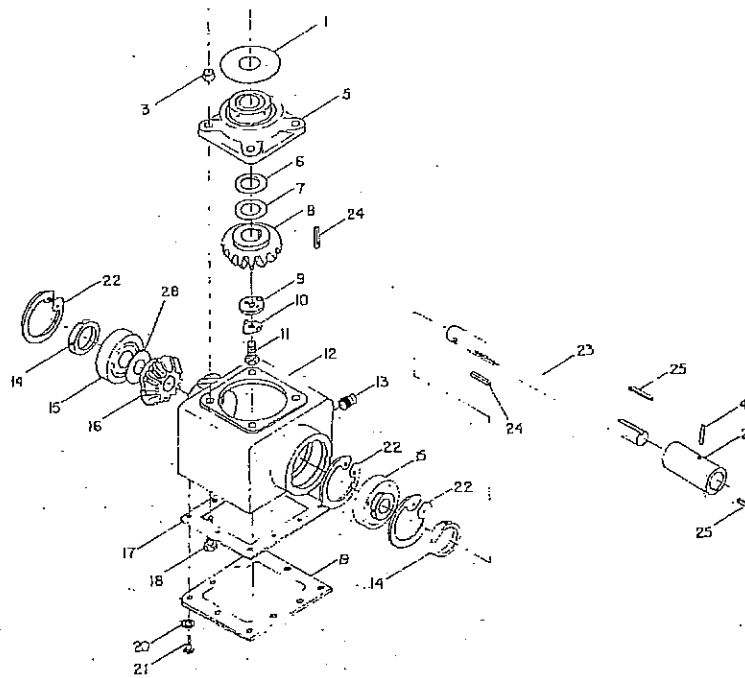
TANK AND AUGER



TANK AND AUGER - 348280

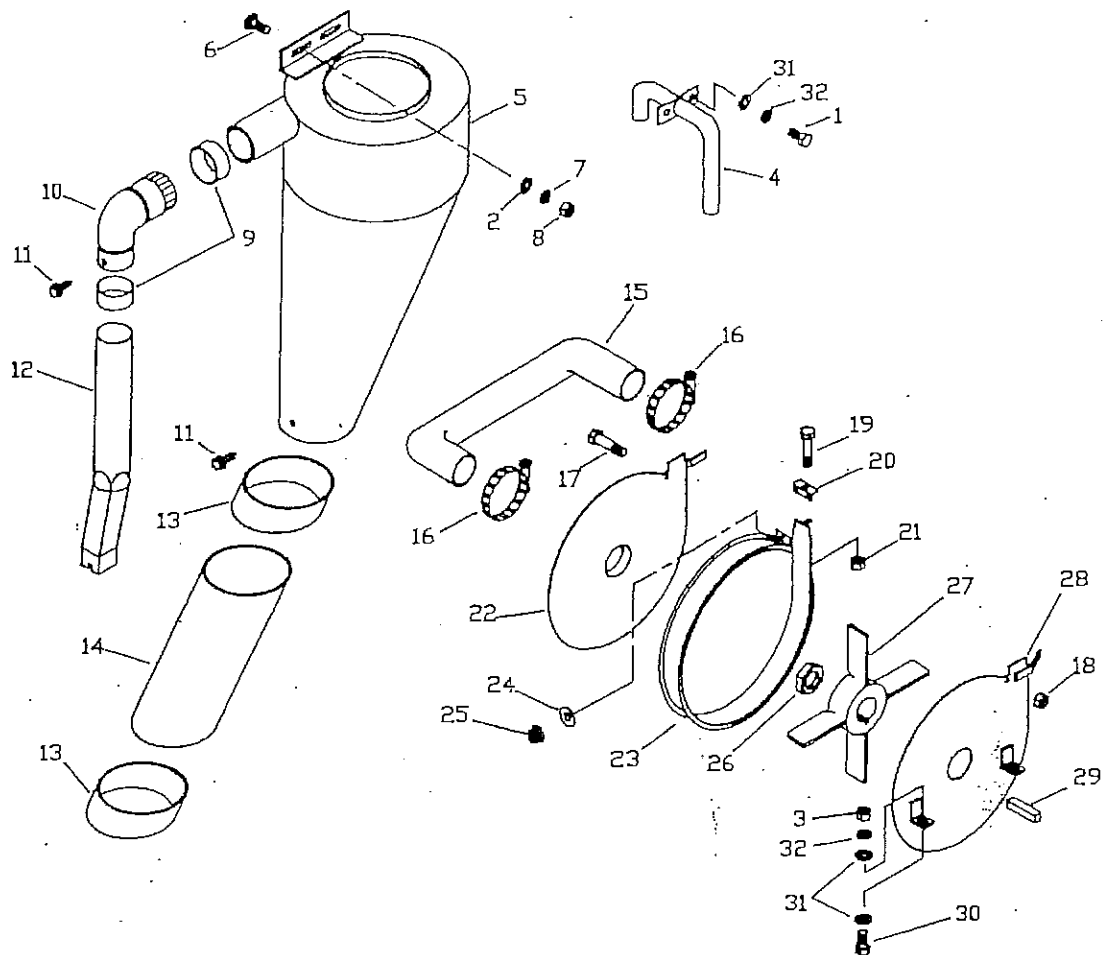
ITEM	PART NUMBER	QTY	DESCRIPTION
1	027260	-	NUT, HEX 3/8"
2	021180	-	WASHER, LOCK 3/8"
3	021190	-	WASHER, FLAT .438" x 1.0" x .083"
4	006690	-	BOLT, HHCS 3/8" x 1-1/4"
5	033230	1	HANGER, BEARING
6	011370	-	BOLT, HHCS 3/8" x 1-1/2"
7	151130	2	SHIM
8	035120	1	BEARING, 1.187"
9	013170	-	FITTING, GREASE 1/8" NPT
10	020180	-	NUT, HEX 3/8" FLANGE LOCK
11	033610	1	PADDLE, MIXING AUGER
12	035180	-	BOLT, CRG 3/8" x 1-1/4" SSN
13	035650	1	AUGER, TANK MIXING
14	018680	2	HANGER, TUBE
15	032020	-	BOLT, HHCS 7/16" x 1-1/4"
16	023990	-	WASHER, LOCK 7/16"
17	023770	-	NUT, HEX 7/16"
18	131490	1	TUBE WLDT, MIXING AUGER
19	005360	-	NUT, HEX 1/2"
20	121570	3	ROD, TUBE SUPPORT
21	035679	-	WASHER, FLAT .53" x 2.12" x .179"
22	012140	-	BOLT, HHCS 5/16" x 3/4"
23	022920	-	WASHER, FLAT .312" x .375" x .88"
24	035661	1	LID WLDT, HINGED TANK
25	020190	-	NUT, HEX 5/16" FLANGE LOCK
26	164020	1	SEAL, TANK LID RUBBER
27	012020	3	FRAME, RUBBER WINDOW
28	012050	3	GLASS, WINDOW 4.5" x 12.0"
29	025670	-	NUT, HEX 5/16" LOCK
30	013080	2	SPRING, COMPRESSION
31	022930	2	BRACKET, LID LOCKING
32	009800	-	BOLT, HHCS 5/16" x 2-1/2"
33	043480	1	SADDLE WLDT, DISCHARGE TUBE
34	005370	-	WASHER, LOCK 1/2"
35	005390	-	BOLT, CRG 1/2" x 1" SSN
36	185910	1	STRIP, TANK CLEAN-OUT DOOR SEAL
37	036090	1	DOOR, CLEAN-OUT
38	009790	-	NUT, WING 5/16"
39	348680	1	DOOR, DISCHARGE
40	E672368	-	BOLT, HHCS 1/4" x 2-1/4"
41	023260	-	WASHER, FLAT .25" x .31" x .75"
42	011130	2	SPRING, SLIDE HOLDER
43	216020	2	CLIP, DOOR HOLDER
44	042370	-	NUT, HEX 1/4" LOCK
45	012051	-	BOLT, HHCS 1/4" x 3/4"
46	1120393	-	WASHER, FLAT .312" x .341" x .690"

GEAR BOX ASSEMBLY



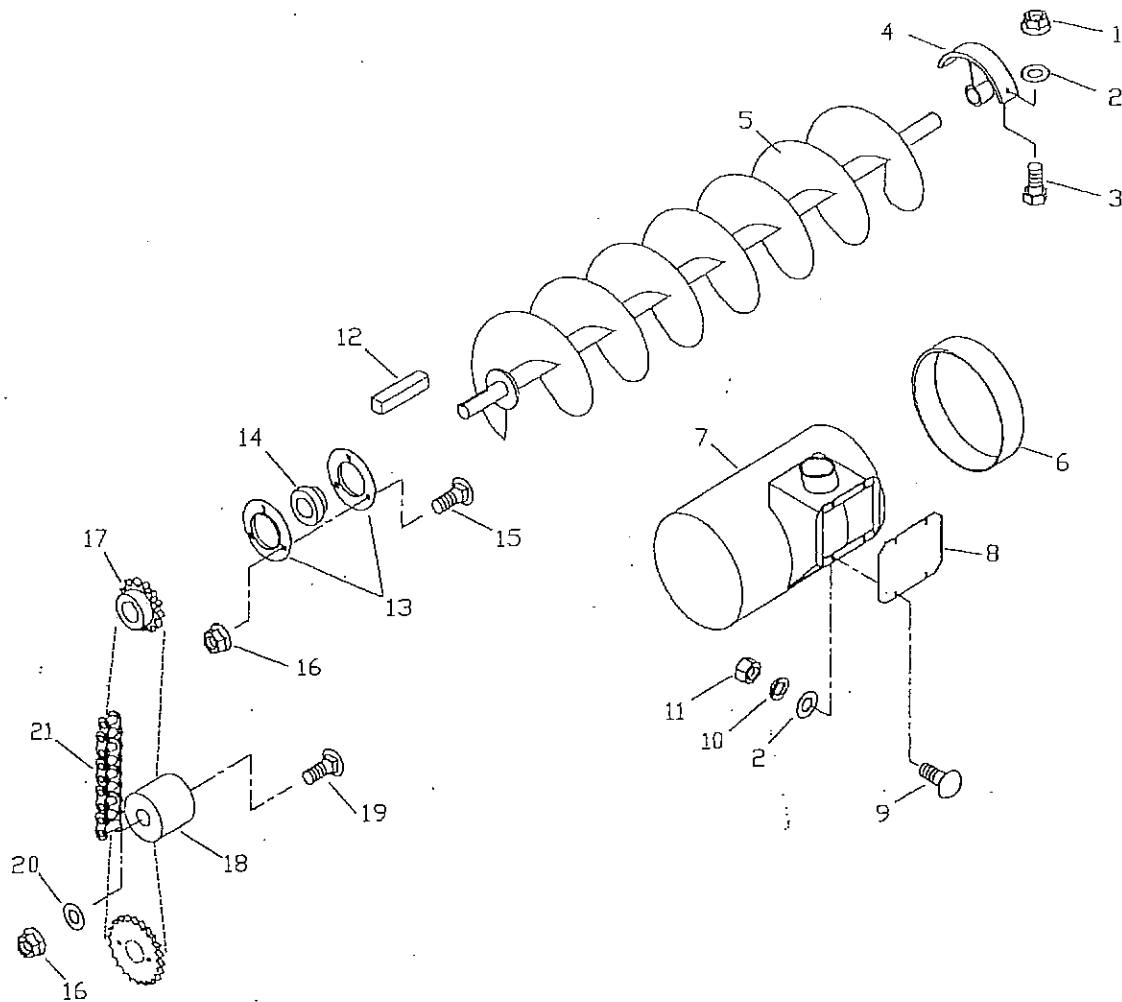
ITEM	PART NUMBER	QTY	DESCRIPTION
1	010570	1	PLATE, BEARING PROTECTOR
2	035070	1	COUPLER, SHAFT
3	037540	-	NUT, HEX LOCK 1/2"
4	013600	-	PIN, EXPAN 1/2" x 2"
5	020270	1	BEARING, FLANGE 1-5/8" BALL 4-BOLT
6	020290	-	WASHER, FLAT 1-5/8"
7	020300	-	WASHER, FLAT 1-5/8"
8	020280	1	GEAR, BEVEL 17T 1-5/8" BORE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

DUST COLLECTOR AND FAN - 348250



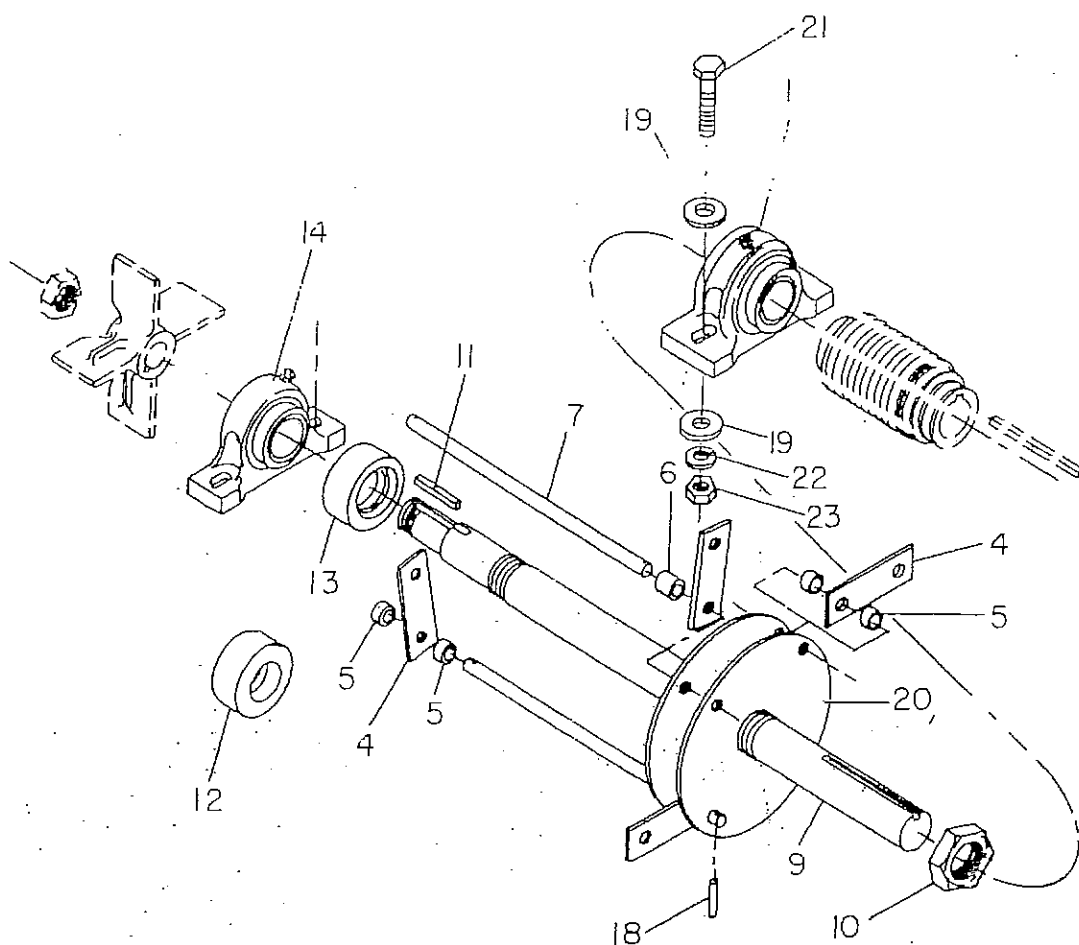
ITEM	PART NUMBER	QTY	DESCRIPTION
1	012140	-	BOLT, HHCS 5/16" x 3/4"
2	021190	-	WASHER, FLAT .438" x 1.00" x .083"
3	023630	-	NUT, HEX 5/16"
4	348880	1	TUBE WLDT, AIR
5	205890	1	COLLECTOR ASSY, DUST
6	035180	-	BOLT, CRG 3/8" x 1-1/4" SSN
7	021180	-	WASHER, LOCK 3/8"
8	027260	-	NUT, HEX 3/8"
9	185880	2	BAND, RUBBER 4"
10	188390	1	ELBOW, 4" 90 DEGREE CORRUGATED
11	205940	-	SCREW, HEX WASHER HEAD #8 x 1/2"
12	236090	1	PIPE ASSY, VERTICAL
13	254160	2	BAND, RUBBER 5-1/2"
14	035601	1	PIPE, COUPLER
15	348860	1	ELBOW, FAN INLET RUBBER
16	205920	2	CLAMP, 4-1/8" - 5" DIA.
17	012820	1	BOLT, HHCS 5/16" x 5"
18	025670	-	NUT, HEX 5/16" LOCK
19	990870	-	BOLT, HHCS 3/8" x 3-1/2"
20	170970	1	CLAMP, PULLDOWN
21	023060	-	NUT, HEX 3/8" LOCK
22	170990	1	PLATE WLDT, REAR SIDE
23	171000	1	WRAPPER WLDT, FAN HOUSING
24	124160	-	WASHER, FLAT .38" x 1.75" x .105"
25	020190	-	NUT, HEX 5/16" FLANGE LOCK
26	013530	-	NUT, HEX 1-1/2" JAM
27	013520	1	FAN, FOUR BLADE
28	205390	1	PLATE WLDT, FRONT SIDE
29	013510	-	KEY, SQ 3/8" x 1-1/4"
30	005900	-	BOLT, HHCS 5/16" x 1"
31	022920	-	WASHER, FLAT .375" x .88" x .083"
32	023620	-	WASHER, LOCK 5/16"

MILL TO MIXER AUGER - 348520



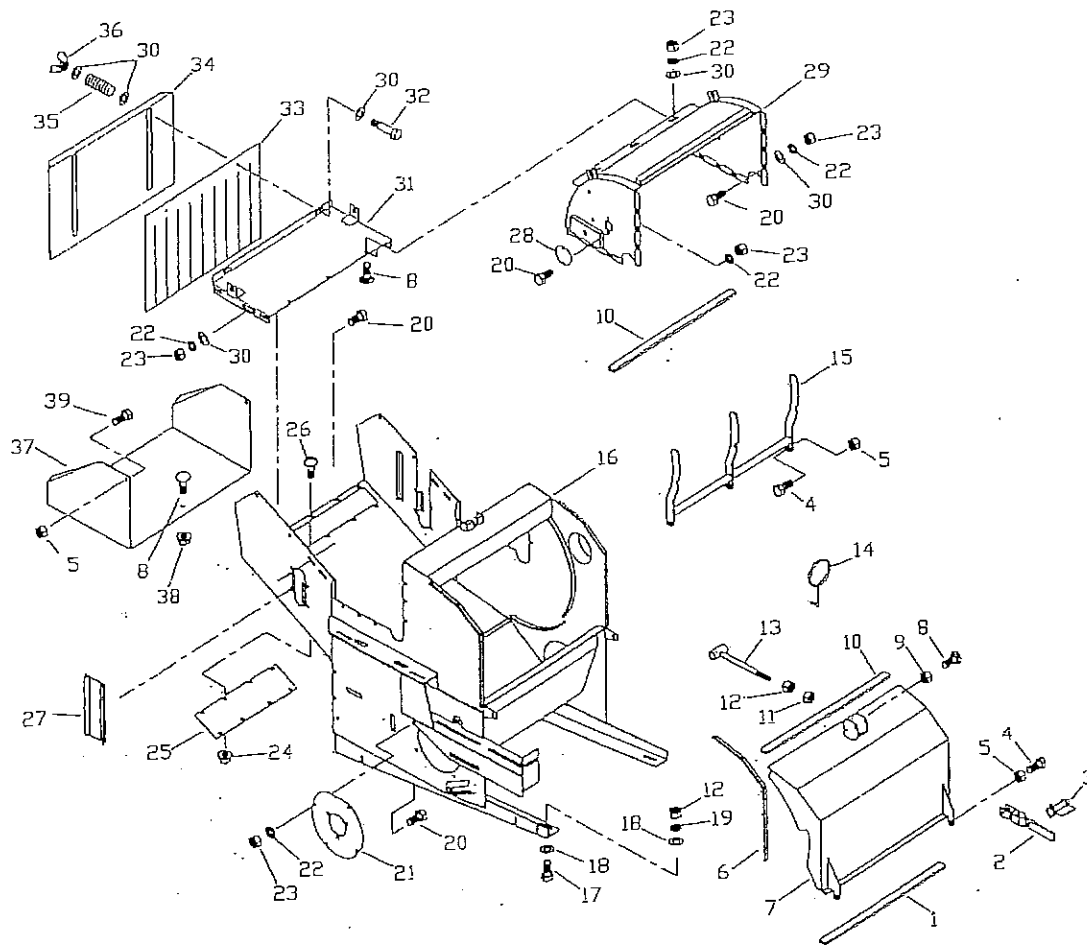
ITEM	PART NUMBER	QTY	DESCRIPTION
1	020190	-	NUT, LOCK 5/16" HEX FLANGE
2	022920	-	WASHER, FLAT .312" x .375" x .88"
3	005900	-	BOLT, HHCS 5/16" x 1"
4	020200	1	T-BEARING, NYLON
5	038260	1	AUGER, MILL TO MIXER
6	254170	1	BAND, RUBBER 7"
7	348870	1	TUBE WLDT., MILL TO MIXER AUGER
8	348990	1	CAP, CONCENTRATE HOPPER
9	254060	-	BOLT, CRG. 5/16" x 1" SSN
10	023620	-	WASHER, LOCK 5/16"
11	023630	-	NUT, HEX 5/16"
12	020220	-	KEY, SQ. 5/16" x 1-1/4"
13	019150	2	FLANGETTE, 3-BOLT BEARING 1-1/8"
14	108850	1	BEARING, W/LOCK COLLAR 1-1/8"
15	020170	-	BOLT, CRG. 3/8" x 1" SSN
16	020180	-	NUT, LOCK 3/8" HEX FLANGE
17	034140	1	SPROCKET, 1-1/8" BORE 40B18
18	041440	1	BLOCK, WOOD 2" DIA. x 1-1/2"
19	041450	-	BOLT, CRG. 3/8" x 2" SSN
20	021190	-	WASHER, FLAT .438" x 1.0" x .083"
21	214150	1	CHAIN, ROLLER - 33P
21	013380	-	LINK, OFFSET
21	013390	-	LINK, CONNECTOR

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)

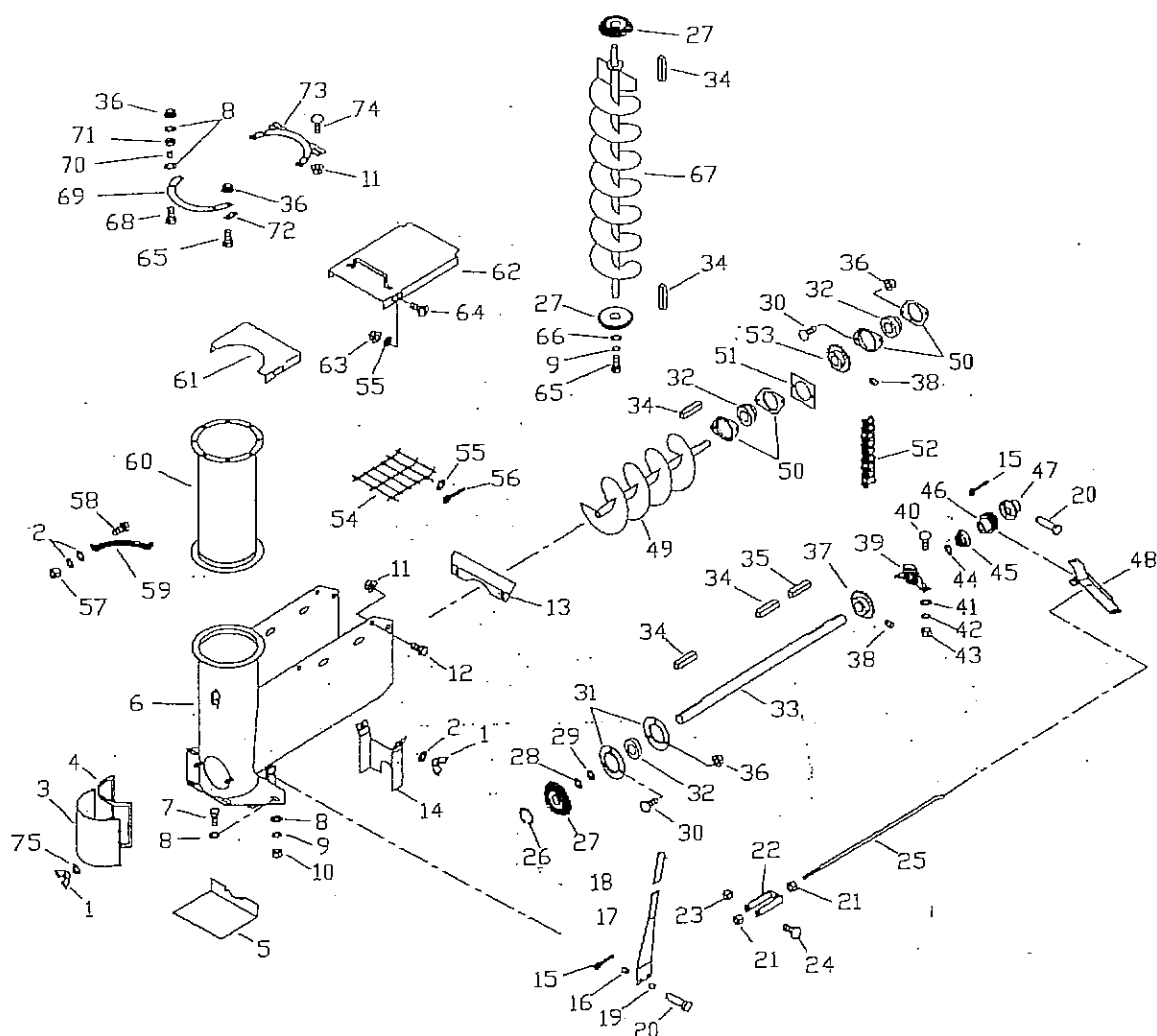
HAMMERMILL HOUSING



HAMMERMILL HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION
1	145460	1	STRIP, SEALING 3/8" x 1" x 21"
2	151920	1	HANDLE WLDT, LOCKING
3	143710	-	PIN, SNAPPER 3/8" x 2-1/2"
4	012260	-	BOLT, HHCS 3/8" x 1"
5	023060	-	NUT, HEX 3/8" LOCK
6	213900	2	STRIP, SEALING 1/4" x 5/8" x 20"
7	205370	1	DOOR WLDT, HAMMERMILL
8	012410	-	BOLT, CRG 5/16" x 3/4" SSN
9	025670	-	NUT, HEX 5/16" LOCK
10	145470	2	STRIP, SEALING 1/4" x 3/4" x 20"
11	127890	-	NUT, HEX 1/2" LOCK
12	005360	-	NUT, HEX 1/2"
13	127860	1	T-BAR WLDT
14	013120	1	HOOK, SCREEN
15	205360	1	SUPPORT WLDT, SCREEN
16	348270	1	HOUSING WLDT, HAMMERMILL
17	014770	-	BOLT, HHCS 1/2" x 1-1/2"
18	005200	-	WASHER, FLAT 1/2"
19	005370	-	WASHER, LOCK 1/2"
20	012140	-	BOLT, HHCS 5/16" x 3/4"
21	035380	1	PLATE, MILL AUGER BEARING
22	023620	-	WASHER, LOCK 5/16"
23	023630	-	NUT, HEX 5/16"
24	023270	-	NUT, HEX 1/4" FLANGE LOCK
25	009770	1	PLATE, HOLE COVER
26	035230	-	SCREW, TRUSS HEAD 1/4" x 3/4"
27	013360	2	SLIDE ASSY
28	012920	1	COVER, PIN REMOVAL
29	144230	1	HOOD WLDT, HAMMERMILL
30	022920	-	WASHER, FLAT 5/16"
31	009820	1	COVER WLDT, THROAT
32	009800	-	BOLT, HHCS 5/16" x 2-1/2"
33	205320	1	FLAP, THROAT
34	205310	1	PLATE, FEED GATE
35	013080	2	SPRING, COMPRESSION
36	009790	-	NUT, WING 5/16"
37	348700	1	HOPPER, MILL
38	020190	-	NUT, HEX 5/16" FLANGE LOCK
39	022420	-	BOLT, HHCS 3/8" x 3/4"

LOWER DISCHARGE

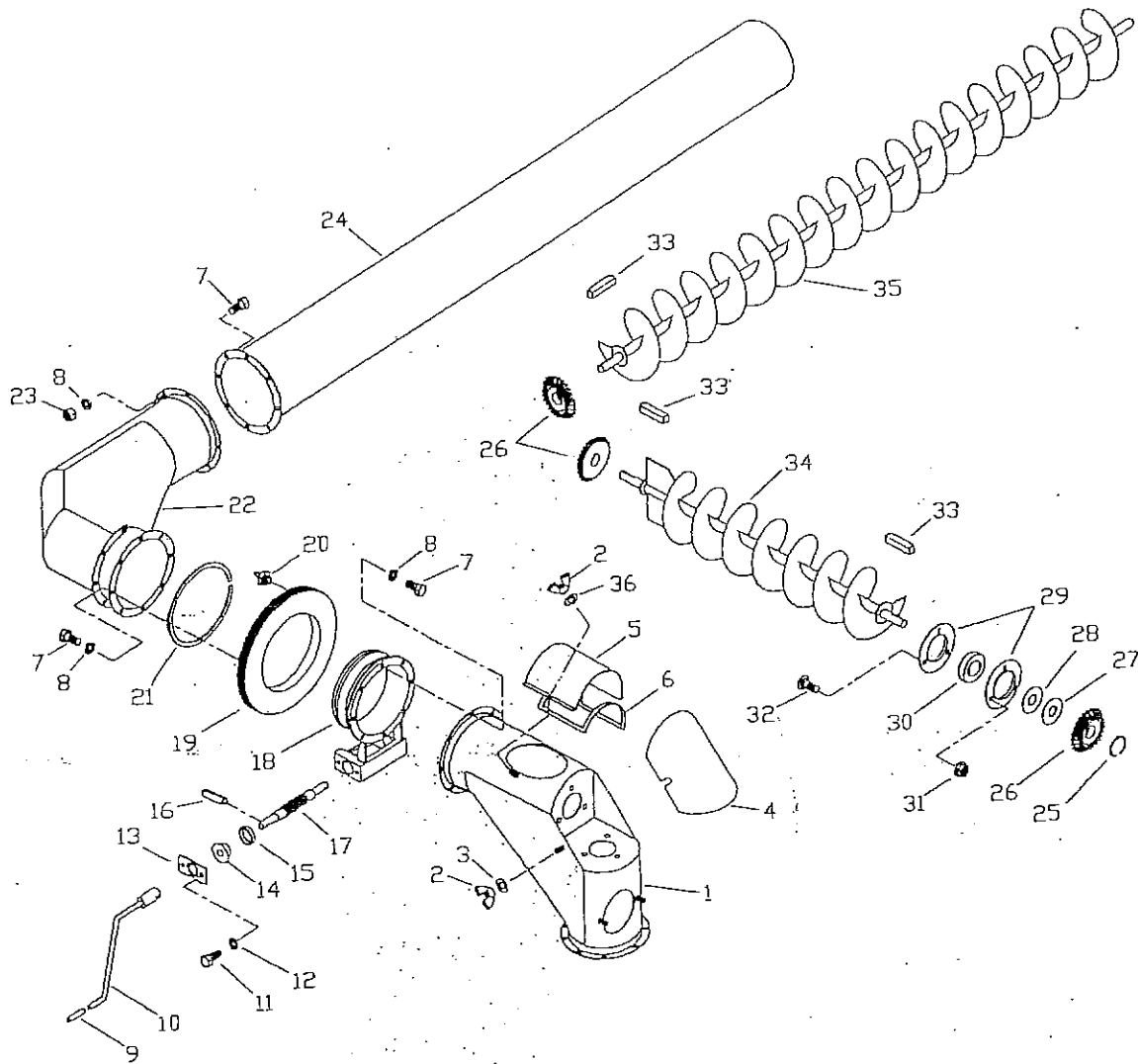


ITEM	PART NUMBER	QTY	DESCRIPTION
1	009790	-	NUT, WING 5/16"
2	022920	-	WASHER, FLAT .375" x .88" x .083"
3	012520	1	DOOR, CLEANOUT
4	185900	1	STRIP, SEAL
5	121820	1	SHIELD, LOWER GEARS
6	348620	1	UNIT, DISCHARGE
7	006690	-	BOLT, HHCS 3/8" x 1-1/4"
8	021190	-	WASHER, FLAT .438" x 1.00" x .083"
9	021180	-	WASHER, LOCK 3/8"
10	027260	-	NUT, HEX 3/8"
11	020190	-	NUT, HEX 5/16" FLANGE LOCK
12	012140	-	BOLT, HHCS 5/16" x 3/4"
13	041780	1	GASKET, STEEL
14	121830	1	SHIELD ASSY, CHAIN
15	020700	-	PIN, COTTER 5/32" x 1"
16	144730	1	SPACER, 1/2"
17	105210	1	HANDLE, CLUTCH
18	021560	1	GRIP, CLUTCH HANDLE
19	144740	1	SPACER, 7/8"
20	041540	-	PIN, CLEVIS 3/8" x 2-3/8"
21	023770	-	NUT, HEX 7/16"
22	151450	1	FORK, CLUTCH
23	023060	-	NUT, HEX 3/8"
24	035180	-	BOLT, CRG 3/8" x 1-1/4" SSN

LOWER DISCHARGE

ITEM	PART NUMBER	QTY	DESCRIPTION
25	144750	1	ROD, CLUTCH
26	035200	-	RING, SNAP 1-1/8"
27	020580	3	GEAR, BEVEL 14T
28	020960	-	WASHER, FLAT 1.14" x 1.62" x .048"
29	020650	-	WASHER, FLAT 1.14" x 1.62" x .134"
30	170530	-	BOLT, CRG 3/8" x 1" SSN
31	019150	6	FLANGETTE, BEARING 1-1/8" 3-BOLT
32	108850	5	BEARING, 1-1/8" W/LOCK COLLAR
33	041800	1	SHAFT
34	020760	-	KEY, SQ 5/16" x 1-1/4"
35	021570	-	KEY, SQ 5/16" x 3-5/8"
36	020180	-	NUT, HEX 3/8" FLANGE LOCK
37	034140	1	SPROCKET, 40B14
38	010990	-	SCREW, AHSS 5/16" x 5/16"
39	021540	1	BEARING, PILLOW BLOCK 1-1/8" W/LOCK COLLAR
40	025390	-	BOLT, CRG 1/2" x 1-3/4"
41	005200	-	WASHER, FLAT .562" x 1.375" x .109"
42	005370	-	WASHER, LOCK 1/2"
43	005360	-	NUT, HEX 1/2"
44	034260	-	WASHER, FLAT 1.14" x 2.12" x .134"
45	021270	1	SPRING, CLUTCH HOLDING
46	032660	1	CLUTCH, A66 CASTING
47	041550	1	CLUTCH, A67 CASTING
48	035530	1	ARM ASSY, CLUTCH
49	041810	1	AUGER WLDT
50	021610	4	FLANGETTE, BEARING 1-1/8" 2-BOLT
51	021620	1	SPACER, BEARING
52	144760	1	CHAIN, ROLLER 27P
52	013380	-	LINK, OFFSET
52	013390	-	LINK, CONNECTOR
53	020240	1	SPROCKET, 40B28
54	164260	1	GRATE WLDT, PUSH AUGER
55	023260	-	WASHER, FLAT .25" x .38" x .75"
56	021210	-	PIN, COTTER 3/32" x 1"
57	025670	-	NUT, LOCK 5/16"
58	005900	-	BOLT, HHCS 5/16" x 1"
59	034411	3	RING, SWIVEL CLAMP
60	132320	1	TUBE ASSY, VERTICAL 8" x 18"
61	040820	1	DEFLECTOR, FEED
62	012370	1	COVER, BACK HOPPER
63	023270	-	NUT, HEX 1/4" FLANGE LOCK
64	035230	-	SCREW, TRUSS HEAD 1/4" x 3/4"
65	012260	-	BOLT, HHCS 3/8" x 1"
66	012270	-	WASHER, FLAT .41" x 1.75" x .134"
67	040770	1	AUGER, VERTICAL
68	011370	-	BOLT, HHCS 3/8" x 1-1/2"
69	046060	1	RING, SWIVEL
70	038380	4	SPACER, 3/8" x 1/2" x 5/16"
71	013750	4	BEARING, BALL 1/2"
72	046130	2	BRACKET, SWIVEL RING ATTACHING
73	046020	1	BRACKET, SWIVEL RING
74	012410	-	BOLT, CRG 5/16" x 3/4" SSN
75	1120393	-	WASHER, FLAT .312" x .341" x .069"

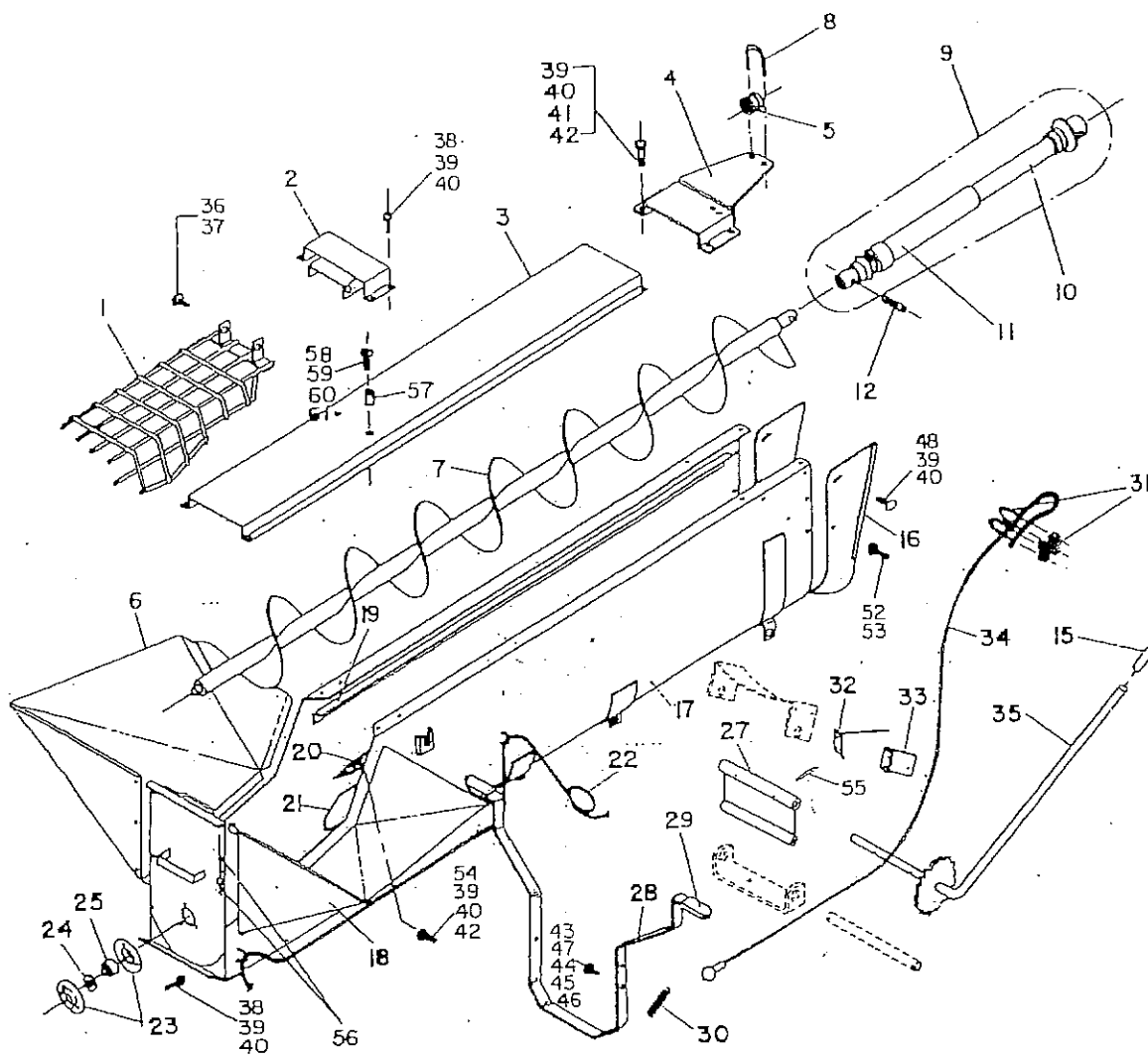
DISCHARGE



DISCHARGE

ITEM	PART NUMBER	QTY	DESCRIPTION
1	349650	1	ELBOW ASSY, HEAVY
2	009790	-	NUT, WING 5/16"
3	022920	-	WASHER, FLAT .375" x .88" x .083"
4	040870	2	SHIELD, BEVEL GEAR
5	012520	4	DOOR, CLEANOUT
6	185900	4	STRIP, SEAL
7	012140	-	BOLT, HHCS 5/16" x 3/4"
8	023620	-	WASHER, LOCK 5/16"
9	020640	1	GRIP, PLASTIC
10	349330	1	CRANK ASSY (includes #9)
11	011370	-	BOLT, HHCS 3/8" x 1-1/2"
12	021180	-	WASHER, LOCK 3/8"
13	206470	2	PLATE, BEARING HOLDER
14	1758209	2	CONE, BEARING .75"
15	252720	2	CUP, BEARING SPECIAL
16	012550	-	PIN, EXPANSION 1/4" x 1-1/4"
17	206430	1	SHAFT, WORM
18	206440	1	HOLDER, RING & GEAR
19	126230	1	GEAR, W/10 HOLES
20	115590	-	ZERK, GREASE 1/4"
21	104360	1	RING, RETAINING
22	132870	1	ELBOW ASSY, LIGHT
23	023630	-	NUT, HEX 5/16"
24	205990	1	TUBE WLDT, 8" x 103"
25	035200	1	RING, SNAP 1-1/8"
26	025080	3	GEAR, BEVEL 14T
27	020960	-	WASHER, FLAT 1.14" x 1.62" x .048"
28	020650	-	WASHER, FLAT 1.14" x 1.62" x .134"
29	019150	6	FLANGETTE, BEARING 1-1/8" 3-BOLT
30	108850	3	BEARING, 1-1/8" W/LOCK COLLAR
31	020180	-	NUT, HEX 3/8" FLANGE LOCK
32	170530	-	BOLT, CRG 3/8" x 1"
33	020760	-	KEY, SO 5/16" x 1-1/4"
34	040850	1	AUGER WLDT, 34.8" DISCHARGE
35	040960	1	AUGER WLDT, 118.5" DISCHARGE
36	1120393	-	WASHER, FLAT .312" x .341" x .690

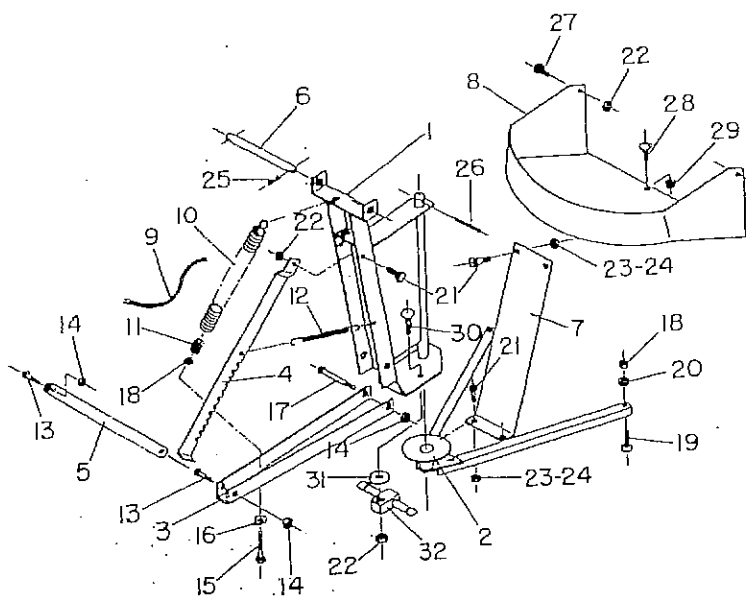
MECHANICAL AUGER FEEDER



MECHANICAL AUGER FEEDER

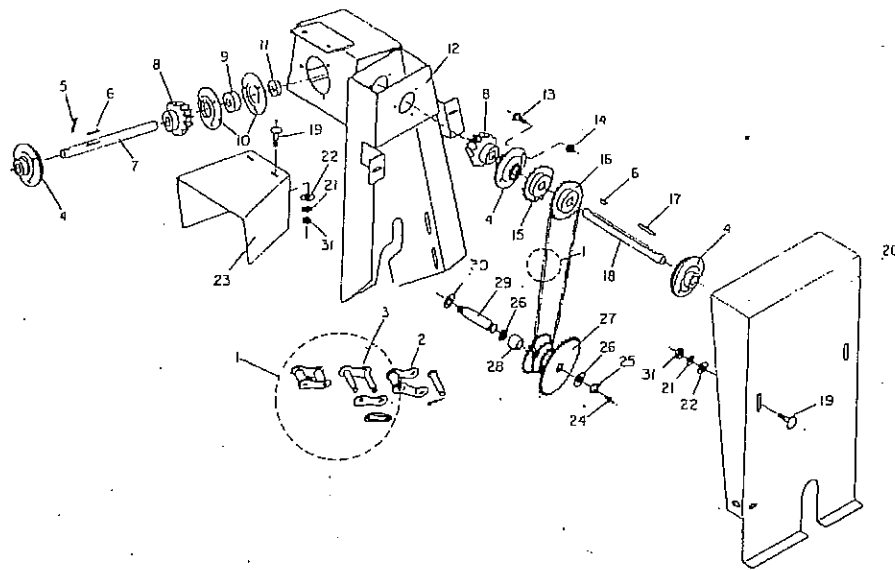
ITEM	PART NUMBER	QTY	DESCRIPTION
1	210440	1	GRATE, WELD, AUGER FEEDER
2	210850	1	CHANNEL WELD, GRATE
3	213630	1	UPPER COVER, MECHANICAL
4	213740	1	BRACKET WELD, AUGER SHIELD W/EYELET
5	132690	1	SPOOL, PORCELAIN
6	210810	1	HOPPER ASSY, STATIONARY
7	213620	1	AUGER WELDMENT, MECHANICAL AUGER
8	151890	1	U-BOLT, 5/16" DIA x 2" x 1-5/16"
9	152720	1	PTO ASSY, 1" ID x 20" 28- 3/4" LONG
10	152760	1	YOKE & TUBE ASSY
11	152770	1	YOKE & SHAFT ASSY
12	014010	-	PIN, EXPAND 5/16" DIA x 1-5/8"
13			
14			
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, 1" ADAPTER
26			
27	150810	1	EXTENSION BRACKET ASSY
28	210860	1	HANDLE, CLUTCH
29	021560	2	GRIP, CLUTCH HANDLE
30	100750	1	SPRING, EXTENSION 7/16" x 5.7"
31	129260	2	CLIP, CABLE 1/8"
32	150830	1	STOP ASSY
33	150880	1	HOLDER, STOP
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, CRG 3/8" x 1" SO NK
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, SO NK CARR 5/16" x 1-1/4"
55	012550	-	PIN, EXPANSION 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

SPRING SUPPORT ASSEMBLY



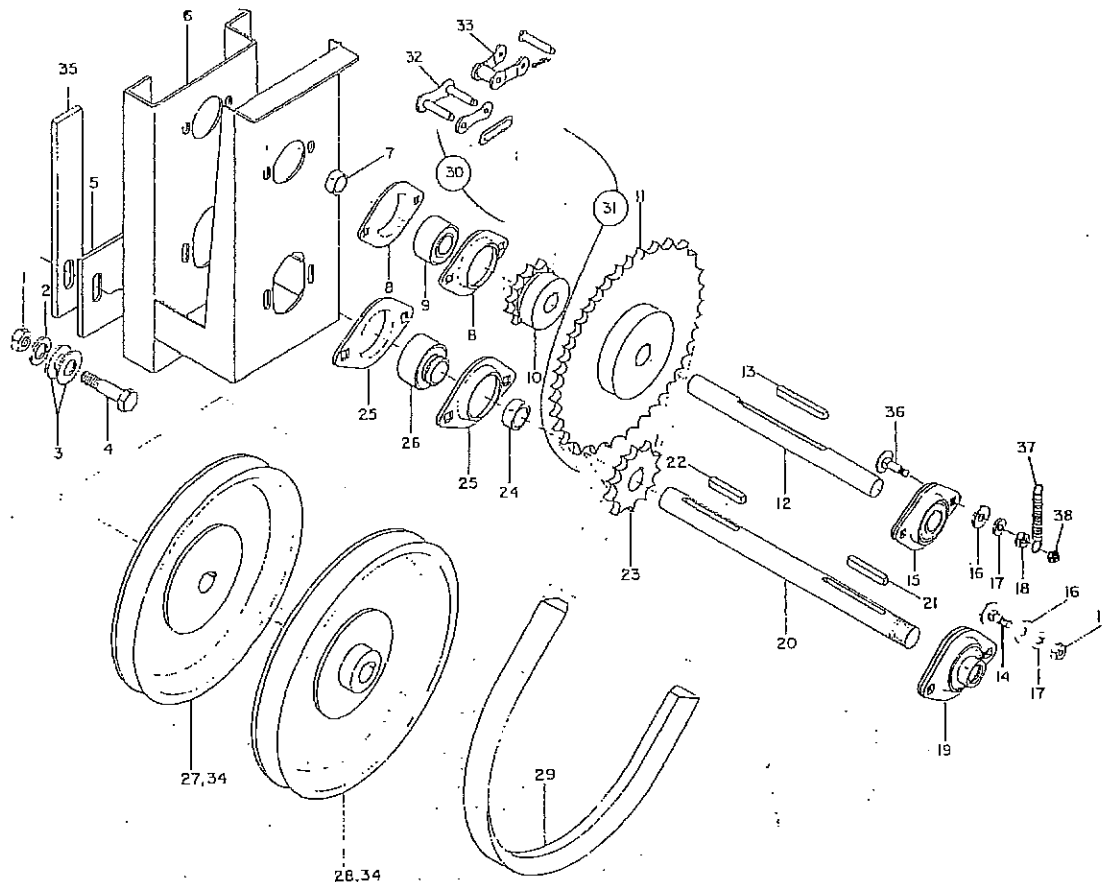
ITEM	PART NUMBER	QTY	DESCRIPTION
1	206730	1	SWIVEL WELD, SUPPORT
2	206720	1	BOTTOM SUPPORT ASSY
3	152870	1	CHANNEL, RATCHET LEVER MTG
4	152880	1	BAR, RATCHET
5	131960	1	VERT LINK, SPRING ASSIST
6	015120	1	PIN, 3/4" DIA x 10"
7	206740	1	STRAP, REINFORCEMENT
8	205380	1	BASKET WELD
9	211490	1	ROPE, POLYPROPYLENE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

TOP DRAG DRIVE



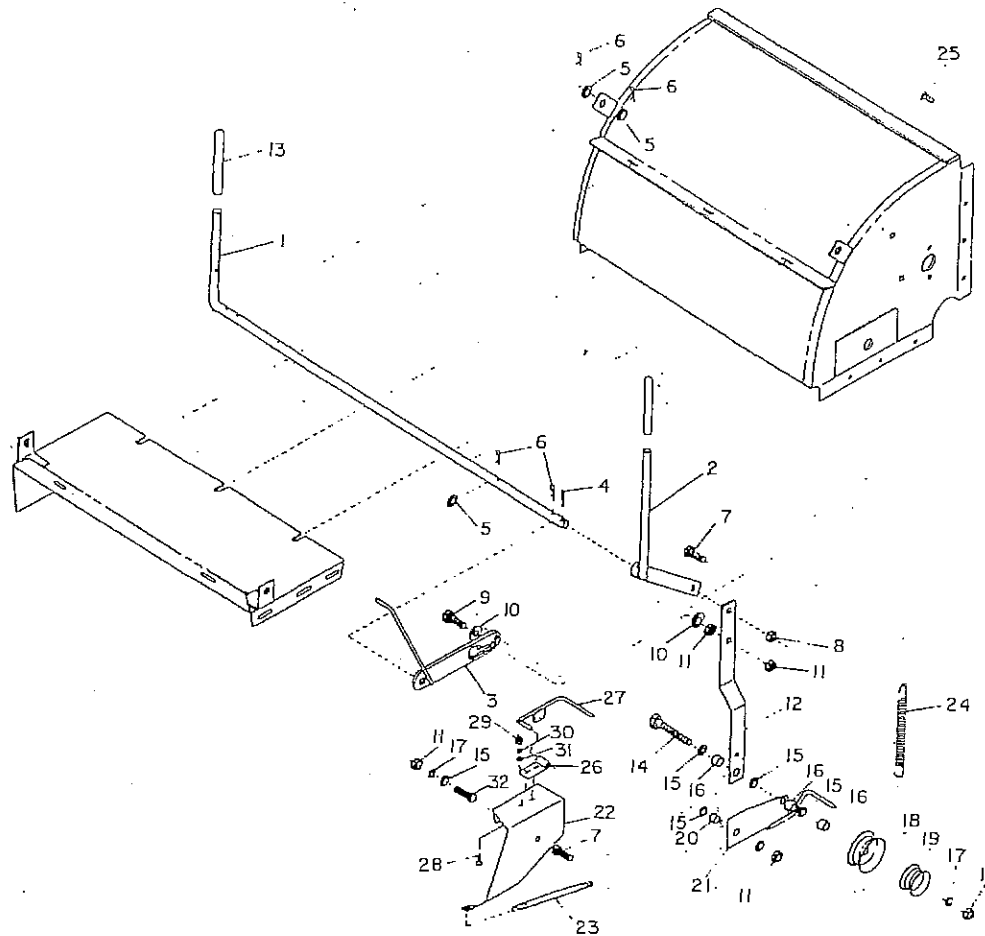
ITEM	PART NUMBER	QTY	DESCRIPTION
1	035320	1	ROLLER CHAIN #2050 41P (INCL CONNECTING LINK)
2	035220	-	LINK, OFFSET #2050
3	013270	-	LINK, CONNECTOR W/SPRING CLIP #2050
4	011300	2	BEARING, LOCK COLLAR, 2-FLANGETTES 1" BORE
5	014010	1	PIN, EXPAN 5/16" DIA x 1-5/8"
6	010000	2	KEY, SQ 1/4" x 1"
7	014760	1	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, CRG 5/16" x 3/4" SQ NK
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, GREASE 1/8" NPT STRAIGHT
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	-	

BOTTOM DRIVE UNIT - MECHANICAL AUGER FEEDER



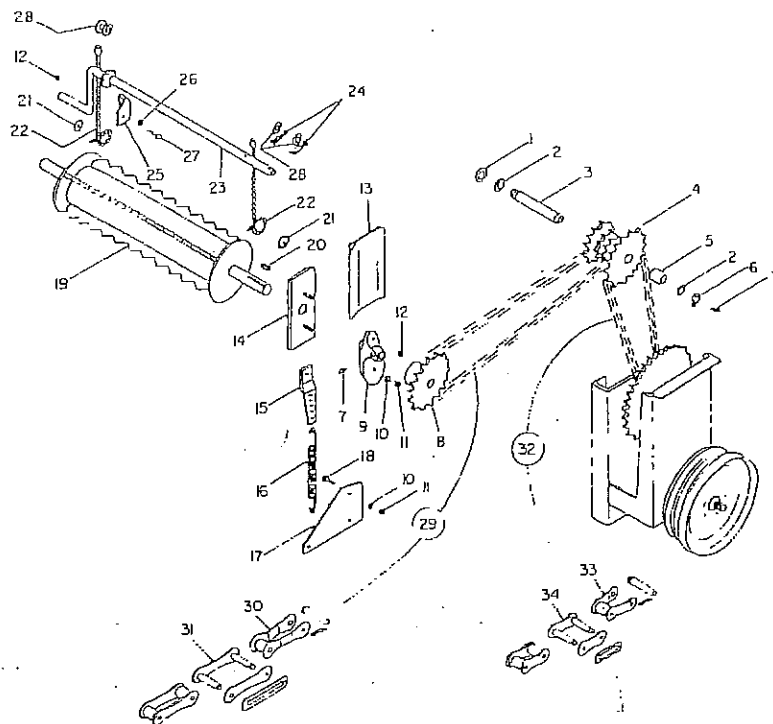
ITEM	PART NUMBER	QTY	DESCRIPTION
1	005360	-	NUT, HEX 1/2"
2	005370	-	WASHER, LOCK 1/2"
3	005200	-	WASHER, FLAT .562" x 1.375" x .109"
4	014770	-	BOLT, HHCS 1/2" x 1-1/2"
5	014780	1	SHIM
6	014790	1	BOTTOM DRIVE UNIT
7	008570	2	BEARING, 3/4" ECCENTRIC LOCK COLLAR
8	008580	4	BEARING, FLANGETTE 3/4" 2-BOLT
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	1	BEARING, LOCK COLLAR & 2 FLANGETTES 3/4" BORE
16	022920	-	WASHER, FLAT .375" x .88" x .083"
17	023620	-	WASHER, LOCK 5/16"
18	023630	-	NUT, HEX 5/16"
19	014900	1	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	CHAIN, ROLLER #40-55P (INCL. CONN. & OFFSET LINK)
31	014930	1	CHAIN, ROLLER #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, EXTERNAL 2-1/2" LG
38	025670	-	NUT, LOCK 5/16"

TOP MILL CLUTCH



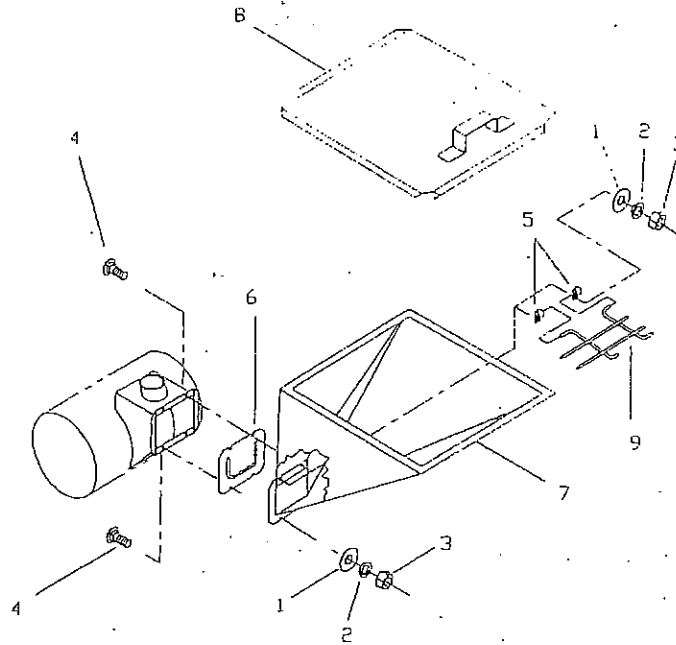
ITEM	PART NUMBER	QTY	DESCRIPTION
1	143990	1	CLUTCH ROD
2	144070	1	SHUT-OFF LEVER
3	144020	1	LOCK HANDLE
4	012550	-	PIN, EXPANSION 1/4" DIA x 1-1/4"
5	035190	-	WASHER, FLAT 5/8"
6	026630	-	PIN, COTTER 5/32" DIA x 1-1/2"
7	012260	-	BOLT, HHCS 3/8" x 1"
8	023060	-	NUT, LOCK 3/8"
9	006690	-	BOLT, HHCS 3/8" x 1-1/4"
10	124160	-	WASHER, FLAT 3/8" x 1-3/4"
11	027260	-	NUT, HEX 3/8"
12	119200	1	LINKAGE ARM
13	125790	1	GRIP, PLASTIC 5/8" ID
14	991150	1	BOLT, HHCS 3/8" x 4"
15	021190	-	WASHER, FLAT .438" x 1.00" x .083"
16	033460	3	SPACER, 3/8" x 9/32"
17	021180	-	WASHER, LOCK 3/8"
18	011640	1	PULLEY, IDLER 3-1/4" DIA
19	011730	1	PULLEY, IDLER 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	BRACKET, BELT TIGHTENER
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 WLDT, UPPER
28	E096029	-	BOLT, CRG 1/4" x 3/4" SSN
29	027660	-	NUT, HEX 1/4"
30	029440	-	WASHER, LOCK 1/4"
31	023260	-	WASHER, FLAT .25" x .31" x .75"
32	170530	-	BOLT, CRG 3/8" x 1" SSN

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



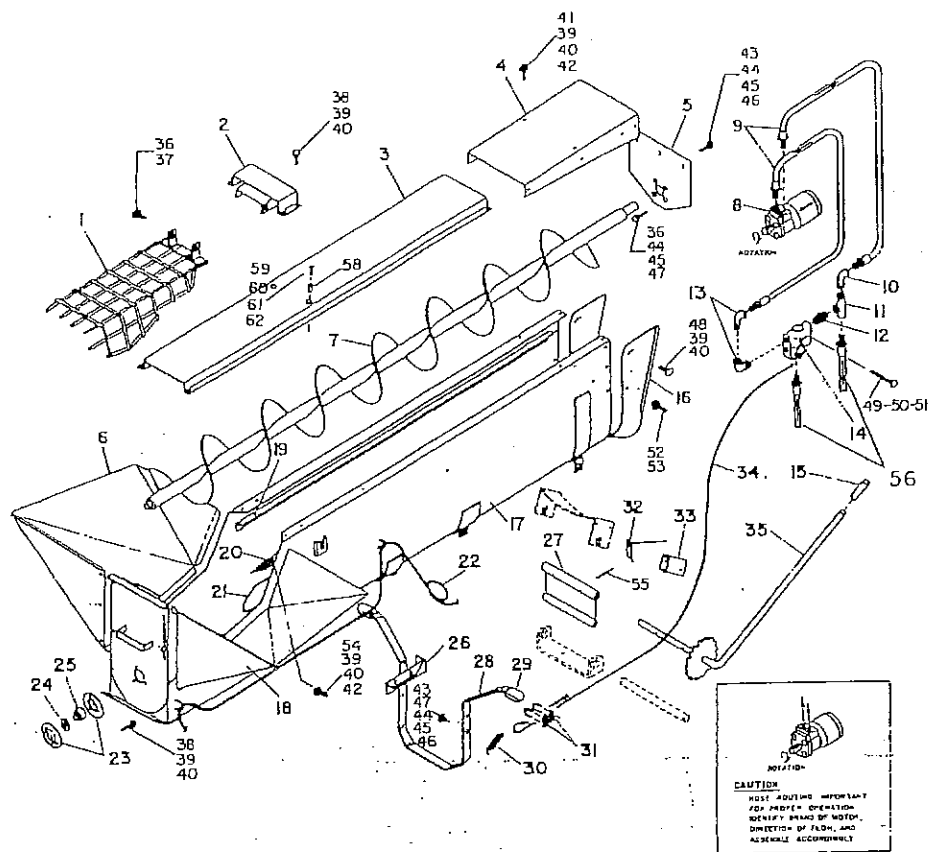
ITEM	PART NUMBER	QTY	DESCRIPTION
1	003100	-	WASHER, FLAT 1.03" x 1.5" x .105"
2	013230	-	WASHER, FLAT 1.03" x 1.5" x .134"
3	014740	1	SHAFT, L.H. THREAD 1" DIA x 4-1/2"
4	014750	1	SPROCKET, CLUSTER W/BUSHINGS (ITEM 5)
5	013160	2	OILITE BUSHING, 1" x 1-1/4" x 1-1/4"
6	013250	1	RING, SNAP EXTERNAL 1" DIA
7	013170	3	FITTING, GREASE 1/8" NPT STRAIGHT
8	013320	1	SPROCKET, 1" BORE 50B28
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	PLATE, SLIDING
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	ROTOR, ROLL FEED
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	BRACKET, CRANK LOCK
26	022920	-	WASHER, FLAT .375" x .88" x .083"
27	012140	-	BOLT, HHCS 5/16" x 3/4"
28	035210	-	WASHER, FLAT .656" x 1.312" x .095"
29	013310	1	CHAIN, ROLLER #2050-24P INCL. CONNECTOR LINK
30	035220	-	LINK, OFFSET #2050
31	013270	-	LINK, CONNECTOR W/SPRING CLIP #2050
32	145220	1	CHAIN, ROLLER #40-55P
33	013280	-	LINK, OFFSET #40
34	013290	-	LINK, CONNECTOR W/SPRING CLIP #40

SUPPLEMENT HOPPER



ITEM	PART NUMBER	QTY	DESCRIPTION
1	023260	-	WASHER, FLAT 1/4"
2	023520	-	WASHER, LOCK 5/16"
3	023630	-	NUT, HEX 5/16"
4	254060	-	BOLT, SSNC 5/16" x 1"
5	277540	2	CLIP, WIRE
6	349030	1	GASKET, HOPPER
7	349350	1	HOPPER WELD, SUPPLEMENT
8	349780	1	COVER WLDT, SUPPLEMENT HOPPER
9	349420	1	GRATE WLDT

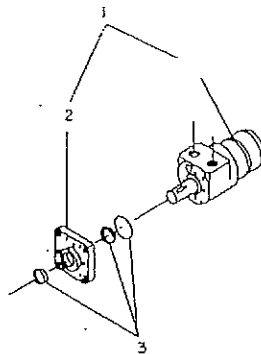
HYDRAULIC AUGER FEEDER



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
59	991120	-	SCREW, RD HD MACH #10 x 3/4"
60	120590	-	NUT, HEX #10
61	120600	-	WASHER, LOCK #10
62	W144750056	-	WASHER, FLAT #10

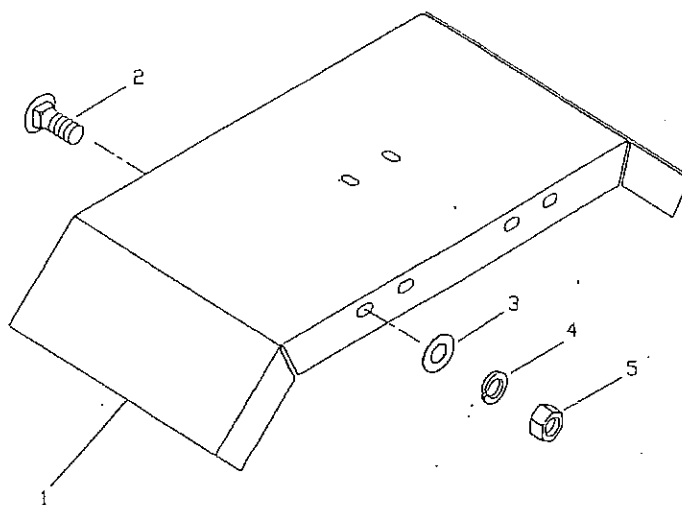
HYDRAULIC MOTOR KITS



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

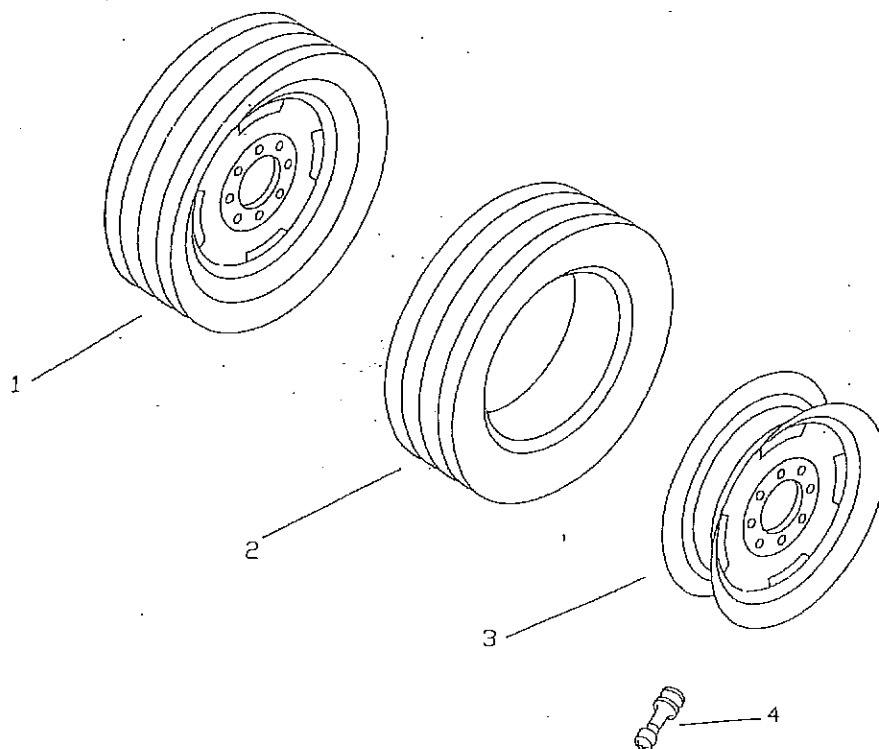
*NOTE KIND AND SERIES OF MOTOR USED.

FENDER KIT



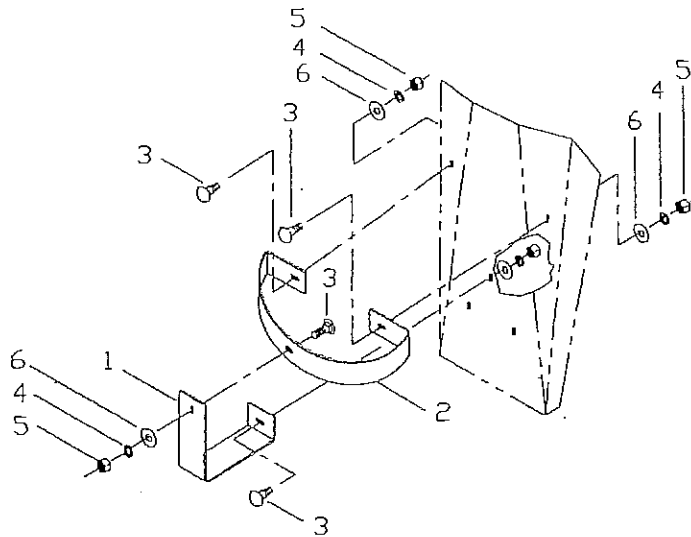
ITEM	PART NUMBER	QTY	DESCRIPTION
1	021470	2	FENDER
2	005390	-	BOLT, CRG 1/2" x 1" SSN
3	005200	-	WASHER, FLAT .56" x 1.38" x .109"
4	005370	-	WASHER, LOCK 1/2"
5	005360	-	NUT, HEX 1/2"

TIRE OPTION



ITEM	PART NUMBER	QTY	DESCRIPTION
1	220730	2	WHEEL & TIRE ASSY
2	148640	2	TIRE, TUBELESS 10. x 15 8PLY
3	018710	2	RIM, 8 x 15
4	164420	2	VALVE STEM, W/CORE & CAP

SCREEN RACK

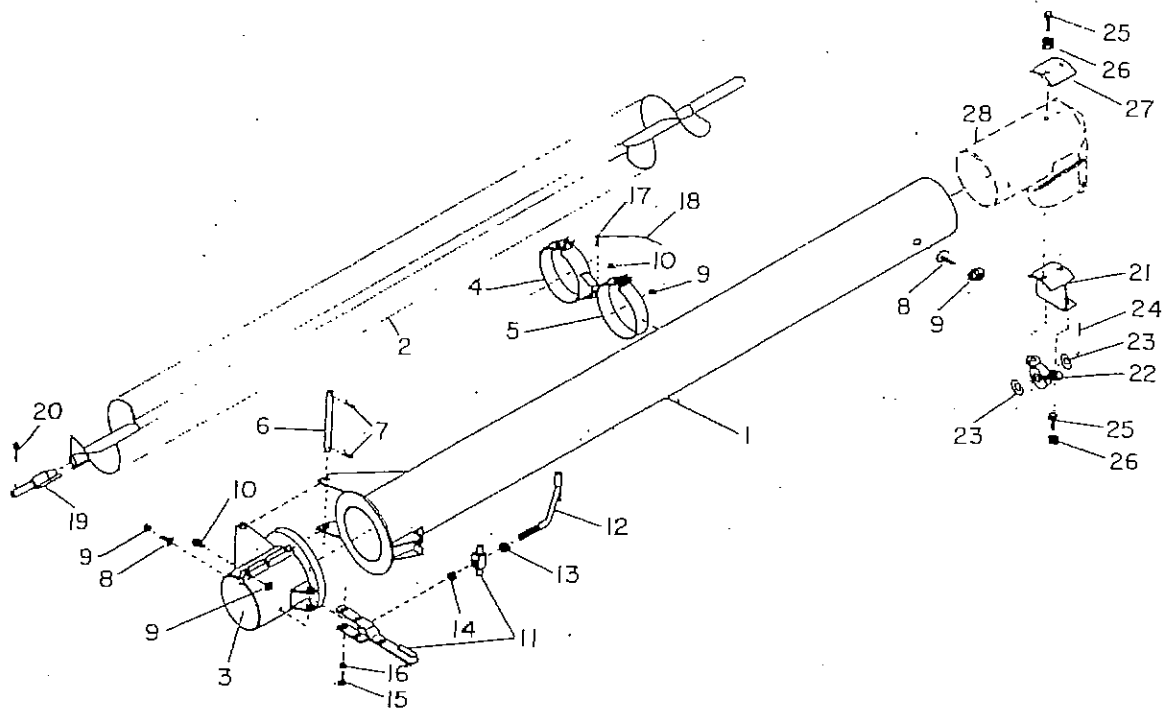


ITEM	PART NUMBER	QTY	DESCRIPTION
1	348840	1	SUPPORT, SCREEN
2	037880	1	RACK
3	005390	-	BOLT, CRG 1/2" x 1"
4	005370	-	WASHER, LOCK 1/2"
5	005360	-	NUT, HEX 1/2"
6	005200	-	WASHER, FLAT 1/2"

SCREEN OPTIONS

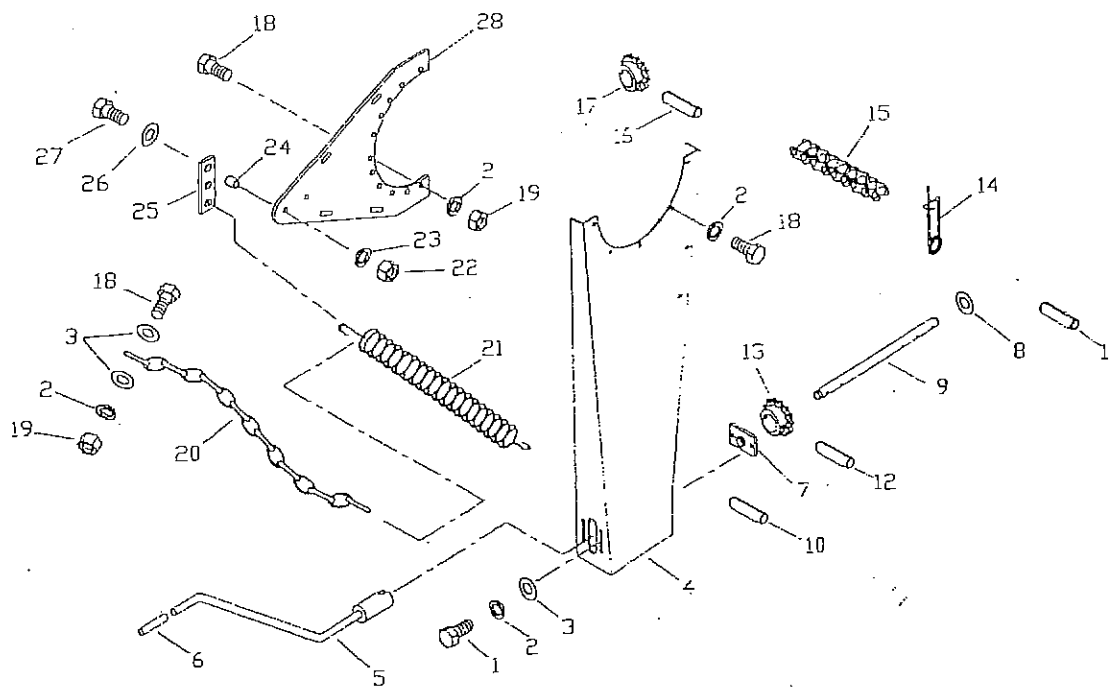
PART NUMBER	DESCRIPTION
004820	SCREEN, 1/8"
004830	SCREEN, 5/32"
004840	SCREEN, 3/16"
004850	SCREEN, 1/4"
004860	SCREEN, 5/16"
004870	SCREEN, 3/8"
004890	SCREEN, 1/2"
004900	SCREEN, 5/8"
004910	SCREEN, 3/4"
004930	SCREEN, 1"
004940	SCREEN, 1-1/4"
004950	SCREEN, 1-1/2"
004960	SCREEN, 2"

FOLDING DISCHARGE AUGER EXTENSION 3' AND 6'



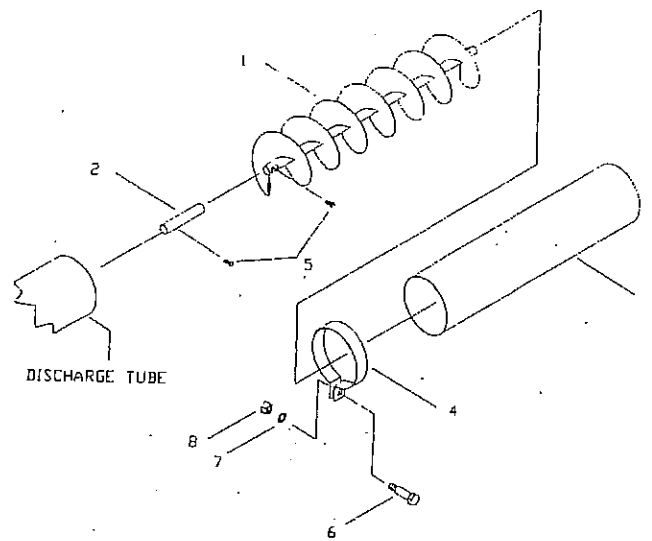
ITEM	PART NUMBER	QTY	DESCRIPTION
1	152150	1	TUBE, 3FT EXTENSION
1	152160	1	TUBE, 6FT EXTENSION
2	171090	1	AUGER, 3FT EXTENSION
2	171130	1	AUGER, 6FT EXTENSION
3	162110	1	CLAMP-ON PIVOT WITH DECALS
3	144650	2	DECAL-AUGER ENGAGEMENT
4	134240	1	CLAMP BAND WITH STRAP
5	134290	1	CLAMP BAND WITH PIN
6	144640	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, CRG 5/16" x 3/4" SQ NK
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

EZ LIFT ASSIST KIT - 347620



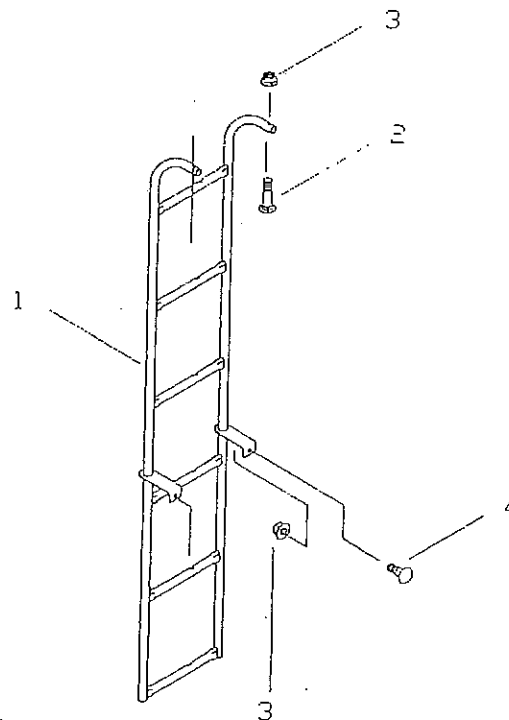
ITEM	PART NUMBER	QTY	DESCRIPTION
1	012140	-	BOLT, HHCS 5/16" x 3/4"
2	023620	-	WASHER, LOCK 5/16"
3	022920	-	WASHER, FLAT 5/16"
4	113570	1	ARM, VERTICAL
5	214430	1	CRANK ASSY, SHAFT 5/8"
6	020640	1	GRIP, PLASTIC
7	114060	1	PLATE ASSY, ADJUSTMENT
7	113540	-	BEARING, OILITE FLANGED
8	035190	-	WASHER, FLAT .656" x 1.0" x .075"
9	113550	1	SHAFT, LIFT ASSIST CRANK
10	012550	-	PIN, ROLL 1/4" x 1-1/4"
11	012560	-	PIN, ROLL 3/16" x 1"
12	991100	-	PIN, ROLL 3/16" x 1-1/4"
13	113520	1	SPROCKET .625" BORE 40B18
14	140820	-	PIN, SAFETY
15	113580	1	CHAIN, ROLLER #40 92P
15	013290	-	LINK, CONNECTOR #40
16	013600	-	PIN, ROLL 1/4" x 2"
17	206390	1	SPROCKET, .750" BORE 40B18
18	005900	-	BOLT, HHCS 5/16" x 1"
19	023630	-	NUT, HEX 5/16"
20	213430	1	CHAIN, SAFETY 2/0
21	145590	1	SPRING, EXTENSION
22	027250	-	NUT, HEX 3/8"
23	021180	-	WASHER, LOCK 3/8"
24	033460	1	SPACER, .38" x .28"
25	145580	1	STRAP, SPRING HOLDING
26	021190	-	WASHER, FLAT 3/8"
27	012260	-	BOLT, HHCS 3/8" x 1"
28	113560	1	LEVER, LEFT

BOLT ON AUGER



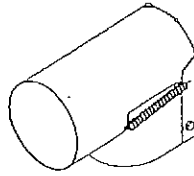
ITEM	PART NUMBER	QTY	DESCRIPTION
1	041090	1	AUGER EXTENSION 3'
2	041130	1	SHAFT, AUGER EXTENSION
3	041040	1	TUBE, EXTENSION 8" x 36"
4	041140	1	BAND, EXTENSION HOLD 8"
5	008780	-	SCREW, SHSS 3/8" x 1-1/2"
6	013370	-	BOLT, HHCS 3/8" x 1-1/2"
7	021180	-	WASHER, LOCK 3/8"
8	027260	-	NUT, HEX 3/8"

LADDER



ITEM	PART NUMBER	QTY	DESCRIPTION
1	019090	1	LADDER ASSY
2	012420	-	BOLT, SSNC 3/8" x 1-1/2"
3	020180	-	NUT, HEX 3/8" FLANGE
4	020170	-	BOLT, SSNC 3/8" x 1"

DISCHARGE HOOD



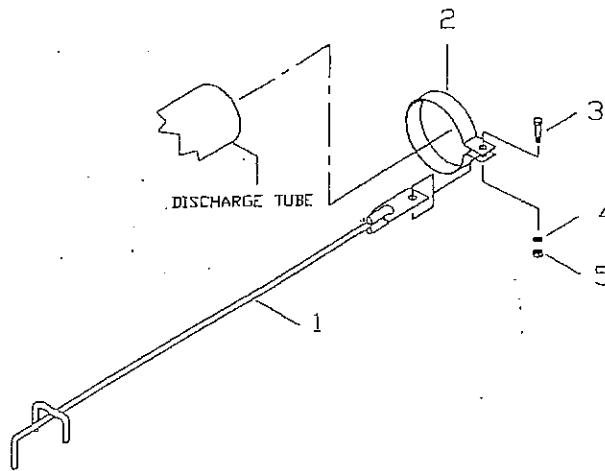
PART NUMBER

DESCRIPTION

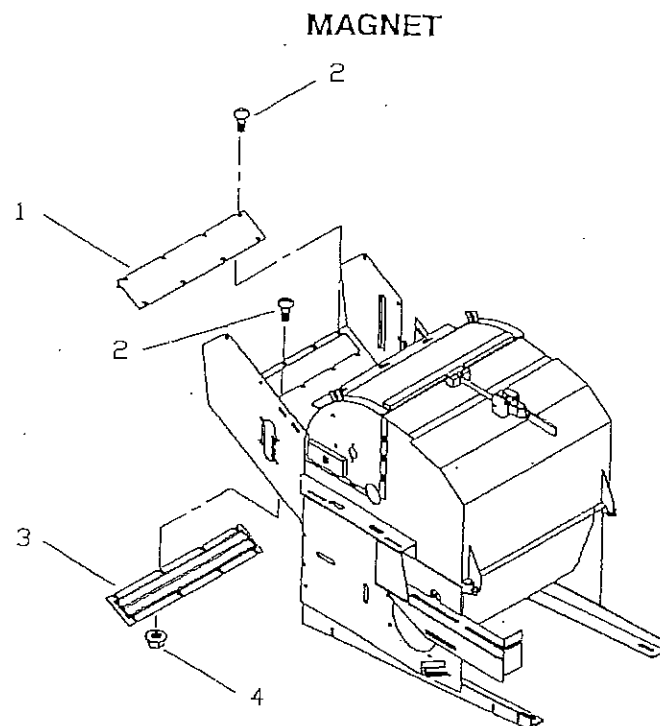
152100

HOOD ASSY, DISCHARGE AUGER

SWING ARM HANDLE

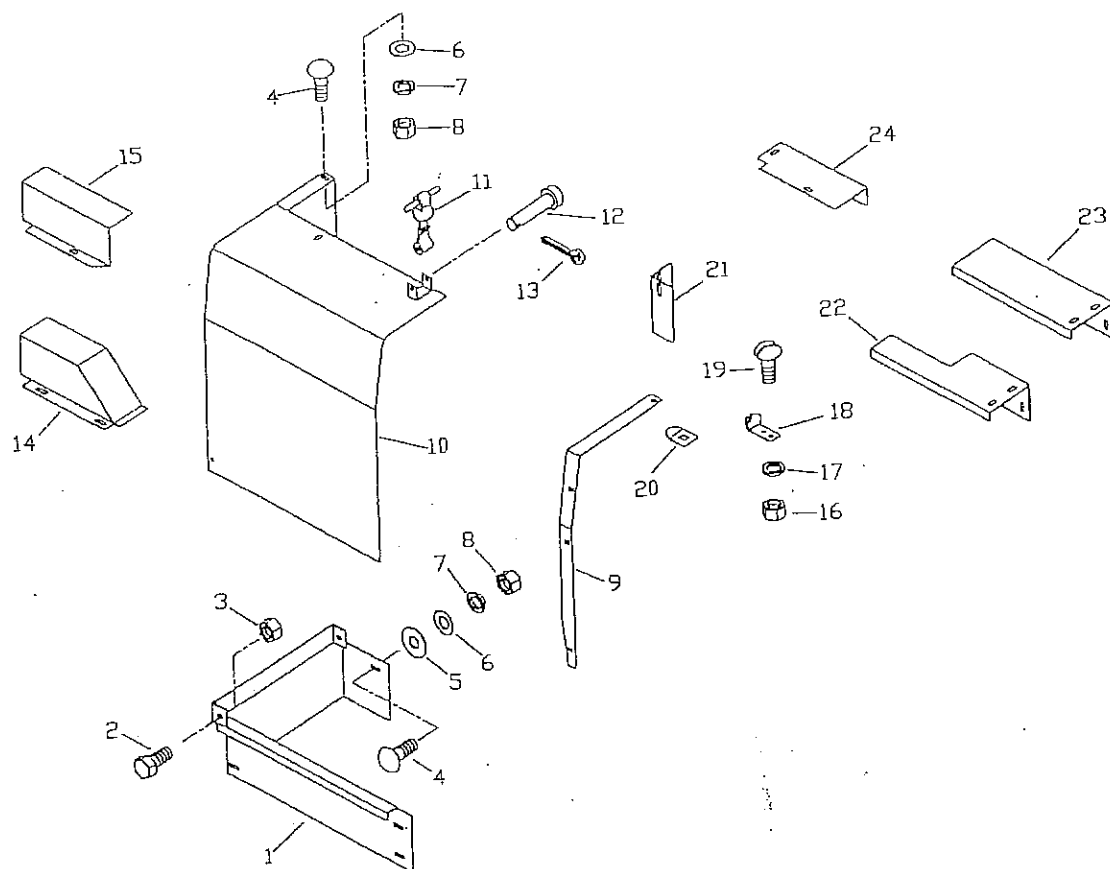


ITEM	PART NUMBER	QTY	DESCRIPTION
1	113780	1	ARM WELD, SWINGING
2	041140	1	BAND, EXTENSION HOLD 8"
3	011370	-	BOLT, HHCS 3/8" x 1-1/2"
4	021180	-	WASHER, LOCK 3/8"
5	027260	-	NUT, HEX 3/8"



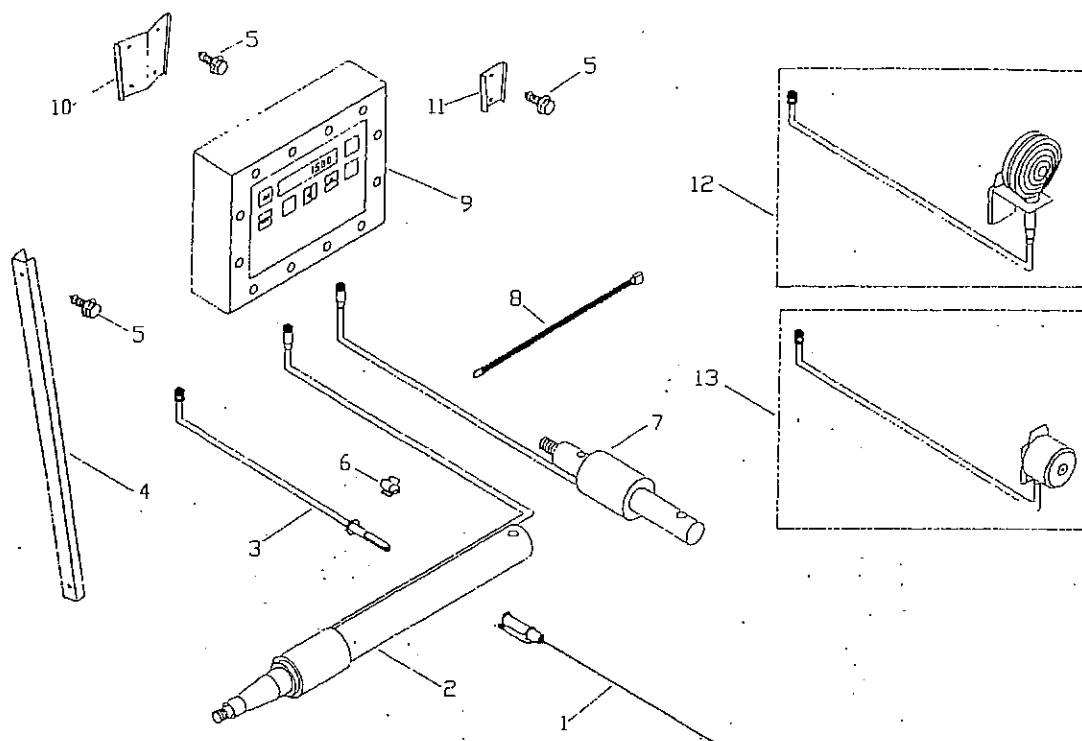
ITEM	PART NUMBER	QTY	DESCRIPTION
1	009770	1	PLATE, HOLE COVER
2	035230	-	SCREW, TRUSS HD 1/4" x 3/4"
3	009740	1	MAGNET #4
4	023270	-	NUT, WHIZ LOCK 1/4"

AUXILLARY SHIELDS



ITEM	PART NUMBER	QTY	DESCRIPTION
1	213950	1	BASE WELD, RIGHT EXT. MECHANICAL AUGER FEEDER
2	012260	-	BOLT, HHCS 3/8" x 1"
3	023060	-	NUT, HEX 3/8" LOCK
4	012410	-	BOLT, CRG 5/16" x 3/4" SSN
5	023260	-	WASHER, FLAT .31" x .75" x .060"
6	022920	-	WASHER, FLAT 5/16"
7	023620	-	WASHER, LOCK 5/16"
8	023630	-	NUT, HEX 5/16"
9	213200	1	FILLER, CENTER
10	213970	1	WRAPPER WELD, MECHANICAL AUGER FEEDER
11	205650	1	HOOK, RUBBER
12	215800	-	PIN, CLEVIS 1/4" x 1-5/8"
13	116820	-	PIN, COTTER 1/16" x 3/4"
14	215660	1	FILLER, SHIELD EXT. MECH. ROLL FEED NO AUGER FEEDER
15	214100	1	EXTENSION, SHIELD
16	120590	-	NUT, HEX #10
17	120600	-	WASHER, LOCK #10
18	E104310	1	BRACKET, HOOK
19	991120	-	SCREW, RDHD MACHINE #10
20	213940	2	TAB, SHIELD
21	214010	1	FILLER, TOWER MECHANICAL AUGER FEEDER
22	213670	1	FILLER, MN SHIELD MECH. ROLL FEED NO AUGER FEEDER
23	215650	1	FILLER, NO ROLL FEED
24	214000	1	

SCALE



ITEM	PART NUMBER	QTY	DESCRIPTION
1	036780	1	CONNECTOR, FEMALE POWER CORD
2	040581	2	WEIGH BAR, 5 PIN AXLE
3	147060	1	CORD, 23' DIGITAL POWER
4	131020	1	TROUGH, CABLE
5	R66468	-	SCREW, SELF DRILLING 1/4" x 1"
6	035890	3	CLIP, SPRING
7	219870	1	WEIGH BAR, 5 PIN HITCH
8	149670	14	TIE, NYLON CABLE
9	347090	1	INDICATOR, RATIONIZER 10K x 2
10	036571	1	BRACKET, SCALE MOUNTING
11	039261	1	BRACKET, HORN OR LIGHT MOUNTING
12	111900	1	KIT, DIGITAL SIGNAL LIGHT
13	111880	1	KIT, DIGITAL SIGNAL HORN

PAINT AND DECALS

PART NUMBER	DESCRIPTION
349670	PAINT, 16 OZ SPRAY CAN GREEN
349680	PAINT, QT CAN GREEN
349690	PAINT, GAL CAN GREEN
349700	PAINT, 16 OZ SPRAY CAN RED
349710	PAINT, QT CAN RED
349720	PAINT, GAL CAN RED
043161	PAINT, 16 OZ SPRAY CAN YELLOW
022000	PAINT, QT CAN YELLOW
022020	PAINT, GAL CAN YELLOW
11281298C1	DECAL, "CAUTION" 6 ITEMS
041601	DECAL, PATENT NOS.
049270	DECAL, "WARNING" DO NOT OPEN COVER
115370	DECAL, HITCH INSTRUCTIONS
115380	DECAL, "CAUTION" KEEP SHIELDS IN PLACE
115430	DECAL, "CAUTION" READ OPERATOR'S MANUAL
145640	DECAL, IMPORTANT END BEARING
146050	DECAL, STOP-START UNLOADING AUGER
148190	DECAL, "CAUTION" SHIELDS FOR PROTECTION
164300	DECAL, "DANGER" ELECTRIC SHOCK
166720	DECAL, 540 RPM
209680	DECAL, WEIGHT CHART 105 BUSHEL
227420	REFLECTOR, AMBER
227430	REFLECTOR, RED
248750	LABEL, FEMA
251320	DECAL, ART'S-WAY
254800	DECAL, TANK WINDOW 1,2,3
254810	DECAL, TANK WINDOW 4,5,6
254820	DECAL, TANK WINDOW 7,8,9
268860	DECAL, "DANGER" ROTATING DRIVE LINE
348630	DECAL, GRIXXER

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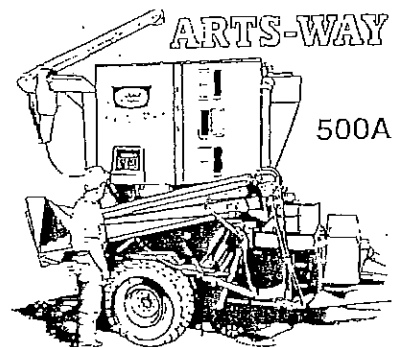
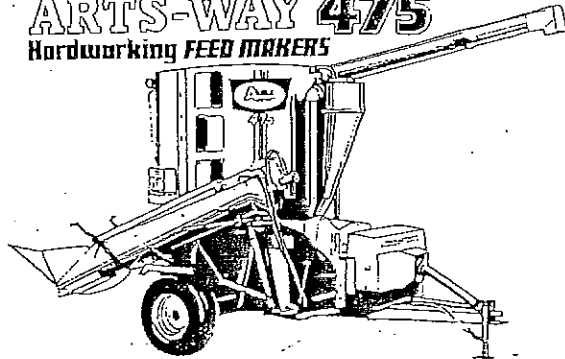
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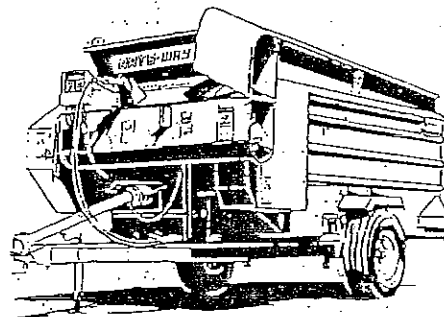
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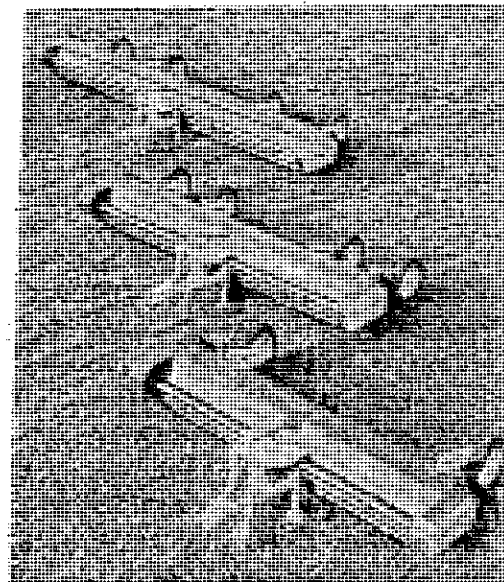
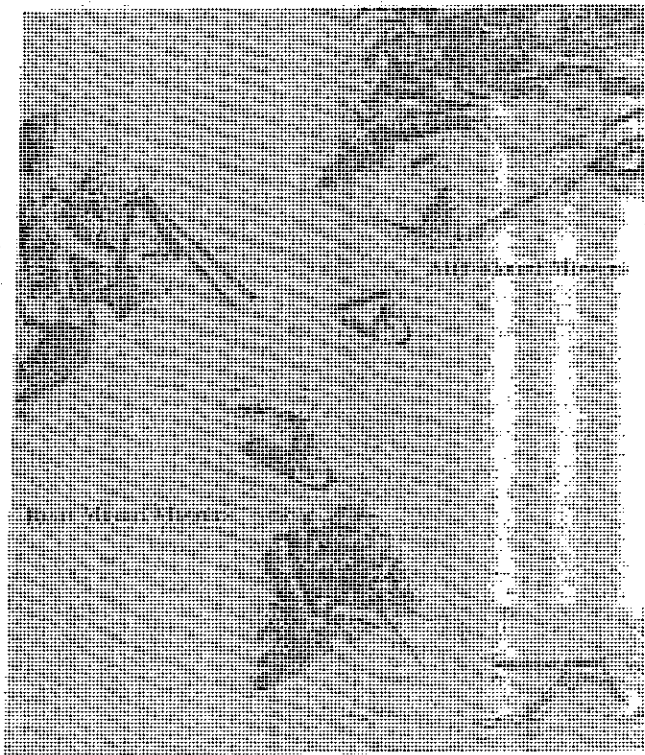
Hardworking FEED MAKERS



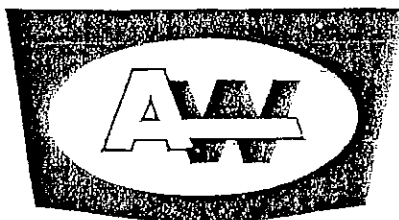
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